LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005441.D
Acq On : 03 May 2019 06:31
Operator : JU/SJ
Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.293	386	392	406	rVB	2274587	4635833	5.17%	0.451%
2	5.628	440	449	463	rVB2	2538427	6308910	7.04%	0.613%
3	7.252	717	725	732	rVV3	5550104	10618396	11.85%	1.032%
4	7.334	732	739	748	rVB2	1295976	2417019	2.70%	0.235%
5	7.593	775	783	788	rBV	1364566	2432227	2.71%	0.236%
6	8.122	862	873	880	rBV	11234465	18501346	20.65%	1.798%
7	8.681	961	968	974	rVV3	1191219	2034932	2.27%	0.198%
8	8.816	986	991	994	rVV	2183849	3358254	3.75%	0.326%
9	9.793	1148	1157	1163	rVV3	4169889	10336718	11.53%	1.005%
10	9.863	1163	1169	1173	rVV	3111068	6183799	6.90%	0.601%
11	9.899	1173	1175	1182	rVB3	1527899	2206897	2.46%	0.214%
12	10.351	1246	1252	1256	rVV2	6203864	10809375	12.06%	1.051%
13	10.440	1256	1267	1272	rVV2	34909010	89616336	100.00%	8.710%
14	10.528	1277	1282	1288	rVV2	2461878	4021468	4.49%	0.391%
15	11.287	1402	1411	1417	rVB4	1064248	2339012	2.61%	0.227%
16	11.393	1417	1429	1434	rBV	2526789	5604048	6.25%	0.545%
17	11.546	1451	1455	1464	rVB	1206943	2394321	2.67%	0.233%
18	11.810	1492	1500	1506	rBV	7565362	11556709	12.90%	1.123%
19	12.051	1530	1541	1546	rVB2	34368248	76968684	85.89%	7.480%
20	12.263	1563	1577	1585	rBV	22164699	42101267	46.98%	4.092%
21	12.493	1611	1616	1623	rVB4	1155638	2346077	2.62%	0.228%
22	12.628	1634	1639	1649	rVB	1075043	2093659	2.34%	0.203%
23	12.769	1659	1663	1668	rBV	2143056	2885696	3.22%	0.280%
24	13.069	1705	1714	1721	rBV2	9450516	21046903	23.49%	2.046%
25	13.251	1738	1745	1761	rVB	4750718	11291987	12.60%	1.097%
26	13.393	1762	1769	1770	rBV	10416815	15283561	17.05%	1.485%
27	13.557	1786	1797	1801	rBV	13624073	26958283	30.08%	2.620%
28	13.610	1801	1806	1814	rVV	9497306	14876513	16.60%	1.446%
29	13.687	1814	1819	1823	rVV	7218324	10890237	12.15%	1.058%
30	13.734	1823	1827	1830	rVB3	2375600	3313461	3.70%	0.322%
31	13.792	1830	1837	1840	rBV	6965460	11686246	13.04%	1.136%
32	13.957	1856	1865	1871	rVB	18638166	29794995	33.25%	2.896%
33	14.151	1893	1898	1903	rBV	8686307	11944852	13.33%	1.161%
34	14.210	1903	1908	1916	rVV3	5349407	11853763	13.23%	1.152%

LSC Area Percent Report

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Misc :
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Instrument : BNA_N
ClientSampleId : GAJ69

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Title : SVOA CALIBRATION

35	14.292	1917	1922	1925	rVV2	3101106	5232700	5.84%	0.509%
36	14.322	1925	1927	1931	rVV	2273352	2478522	2.77%	0.241%
37	14.445	1942	1948	1958	rVB	2634594	6158652	6.87%	0.599%
38	14.634	1970	1980	1987	rBV2	6075873	13474687	15.04%	1.310%
39	14.710	1988	1993	1997	rBV	4117286	5540189	6.18%	0.538%
40	14.775	2000	2004	2009	rVB2	2325667	3104000	3.46%	0.302%
41	14.839	2009	2015	2022	rBV2	4728224	10591870	11.82%	1.029%
42	14.910	2023	2027	2030	rVB	3038326	3785989	4.22%	0.368%
43	15.004	2039	2043	2045	rBV	1966709	2847683	3.18%	0.277%
44	15.110	2056	2061	2066	rVB2	11186752	14448293	16.12%	1.404%
45	15.228	2076	2081	2086	rVB2	3684873	6534642	7.29%	0.635%
46	15.292	2086	2092	2103	rBV	14265452	26428780	29.49%	2.569%
47	15.516	2121	2130	2135	rVB3	3365571	7781782	8.68%	0.756%
48	15.581	2135	2141	2144	rBV2	2306854	3913115	4.37%	0.380%
49	15.698	2157	2161	2164	rVV	4722357	6937813	7.74%	0.674%
50	15.728	2164	2166	2174	rVB3	2715443	4462962	4.98%	0.434%
51	15.975	2202	2208	2211	rBV2	8494832	12822312	14.31%	1.246%
52	16.292	2254	2262	2267	rBV2	3591217	8238285	9.19%	0.801%
53	16.339	2267	2270	2275	rVV	3591093	5002836	5.58%	0.486%
54	16.439	2282	2287	2292	rBV2	2334288	3375107	3.77%	0.328%
55	16.557	2304	2307	2313	rVB5	1010827	1948354	2.17%	0.189%
56	16.645	2319	2322	2330	rVB3	1816164	2673500	2.98%	0.260%
57	16.769	2339	2343	2346	rVV	6893374	9001757	10.04%	0.875%
58	16.804	2346	2349	2363	rVB2	4682200	10237630	11.42%	0.995%
59	16.986	2375	2380	2383	rBV	2856773	4856075	5.42%	0.472%
60	17.051	2383	2391	2395	rVV2	33601580	64221154	71.66%	6.242%
61	17.128	2399	2404	2408	rVB	11177886	15340289	17.12%	1.491%
62	17.181	2409	2413	2418	rVB3	1161175	2151769	2.40%	0.209%
63	17.510	2464	2469	2473	rVB	6876355	8291794	9.25%	0.806%
64	17.569	2474	2479	2484	rBV2	1947402	2991904	3.34%	0.291%
65	17.710	2498	2503	2510	rVB	1488053	2697042	3.01%	0.262%
66	17.869	2524	2530	2534	rVV	9852575	15277258	17.05%	1.485%
67	17.916	2534	2538	2543	rVV	11220889	15932218	17.78%	1.548%
68	17.998	2547	2552	2557	rVV	3763554	6121235	6.83%	0.595%
69	18.057	2557	2562	2566	rVV2	10734818	19638091	21.91%	1.909%
70	18.098	2566	2569	2575	rVB	6241105	8594136	9.59%	0.835%
71	18.204	2583	2587	2593	rVB	4985444	6147943	6.86%	0.598%

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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

72	18.369	2611	2615	2620	rBV	4565473	6056722	6.76%	0.589%
73	18.669	2662	2666	2670	rVV	1934146	2503301	2.79%	0.243%
74	18.792	2682	2687	2692	rBV2	3846168	6731639	7.51%	0.654%
75	18.851	2692	2697	2701	rBV2	5366869	8169150	9.12%	0.794%
76	19.063	2727	2733	2740	rBV	16109396	23541968	26.27%	2.288%
77	19.216	2754	2759	2763	rVB	5007505	6691496	7.47%	0.650%
78	19.433	2786	2796	2804	rBV	21016879	34724045	38.75%	3.375%
79	19.604	2822	2825	2833	rVV3	1028437	1983617	2.21%	0.193%
80	19.757	2846	2851	2862	rBV4	2023423	4474883	4.99%	0.435%
81	19.898	2869	2875	2877	rBV3	1805296	3305867	3.69%	0.321%
82	19.933	2877	2881	2885	rVB	4939366	6676796	7.45%	0.649%
83	19.975	2885	2888	2893	rBV2	2629695	3149619	3.51%	0.306%
84	20.033	2893	2898	2903	rBV	4579620	5695129	6.36%	0.554%
85	20.092	2903	2908	2912	rVB2	2603766	3455172	3.86%	0.336%
86	20.227	2928	2931	2935	rBV	1674004	2171293	2.42%	0.211%
87	20.280	2935	2940	2949	rVB	2829252	4834639	5.39%	0.470%
88	20.480	2970	2974	2978	rBV	1851038	2038641	2.27%	0.198%
89	20.892	3041	3044	3047	rVV	1718317	2040366	2.28%	0.198%
90	20.951	3051	3054	3067	rVB3	1716829	3073717	3.43%	0.299%
91	21.204	3091	3097	3102	rBV2	9279972	17353359	19.36%	1.687%
92	21.251	3102	3105	3116	rVB	6160175	8971804	10.01%	0.872%
93	21.769	3187	3193	3197	rVV	1818559	3110412	3.47%	0.302%
94	21.821	3198	3202	3207	rVB2	1354170	2017306	2.25%	0.196%
95	22.774	3357	3364	3374	rBV	2562989	7651718	8.54%	0.744%
96	23.227	3436	3441	3447	rBV	1623701	2852484	3.18%	0.277%
97	23.321	3451	3457	3464	rVV	3522729	6378007	7.12%	0.620%
98	23.416	3467	3473	3478	rVV	2303722	4264768	4.76%	0.414%
99	25.598	3837	3844	3854	rVB	993917	2732055	3.05%	0.266%
100	26.262	3949	3957	3976	rVB	726418	2280407	2.54%	0.222%

Sum of corrected areas: 1028924532

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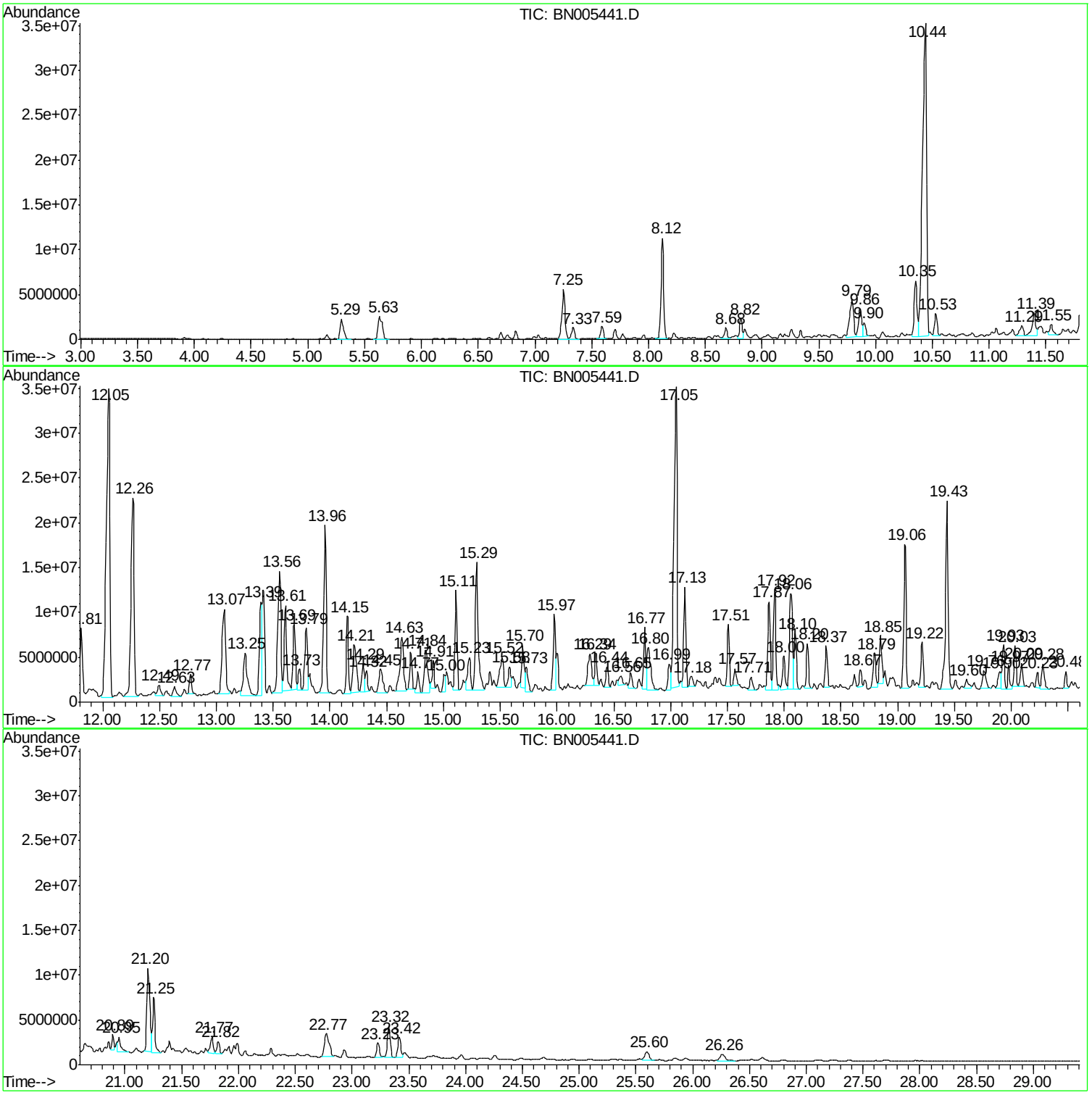
Instrument : BNA_N
ClientSampleId : GAJ69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

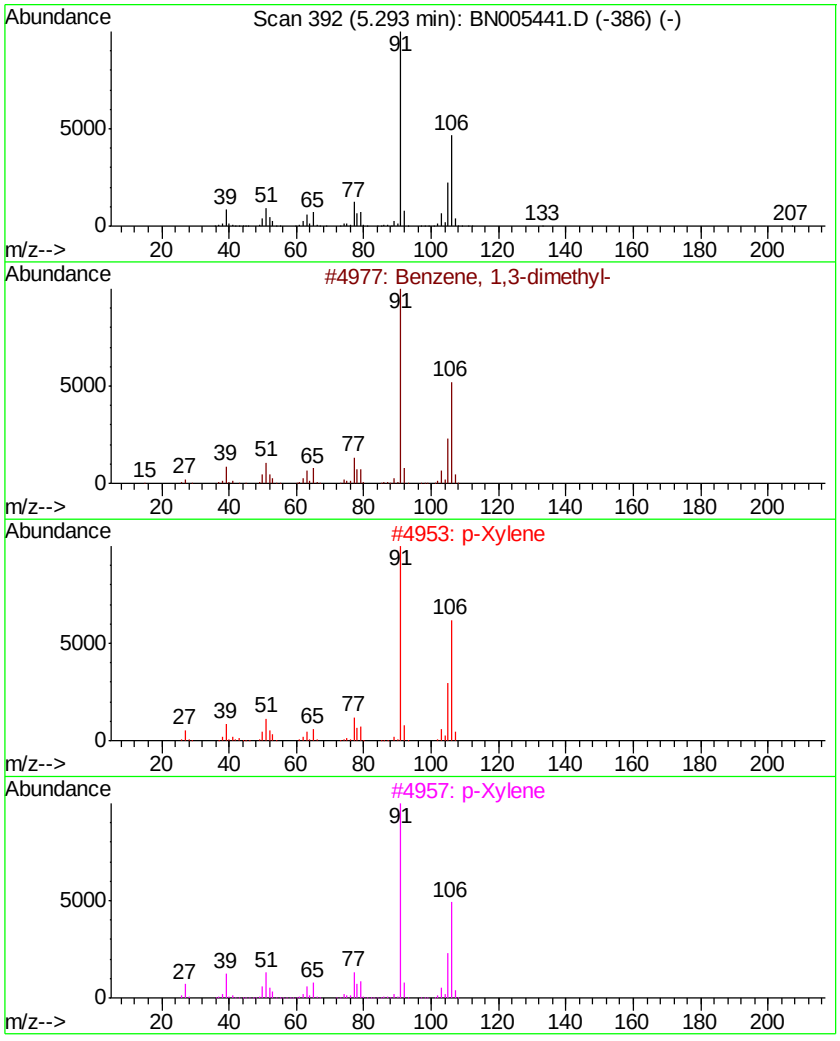
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

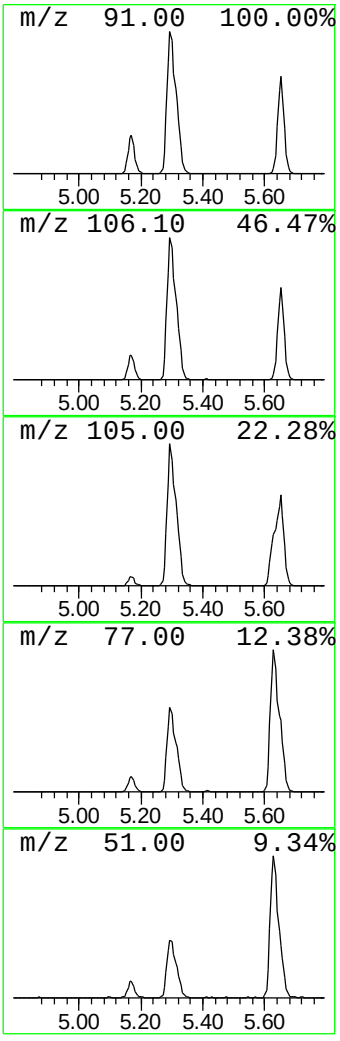
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	38.12 ng/ul	4635830	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	o-Xylene	106	C8H10	000095-47-6	97
5	p-Xylene	106	C8H10	000106-42-3	95





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Instrument : BNA_N
ClientSampleId : GAJ69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

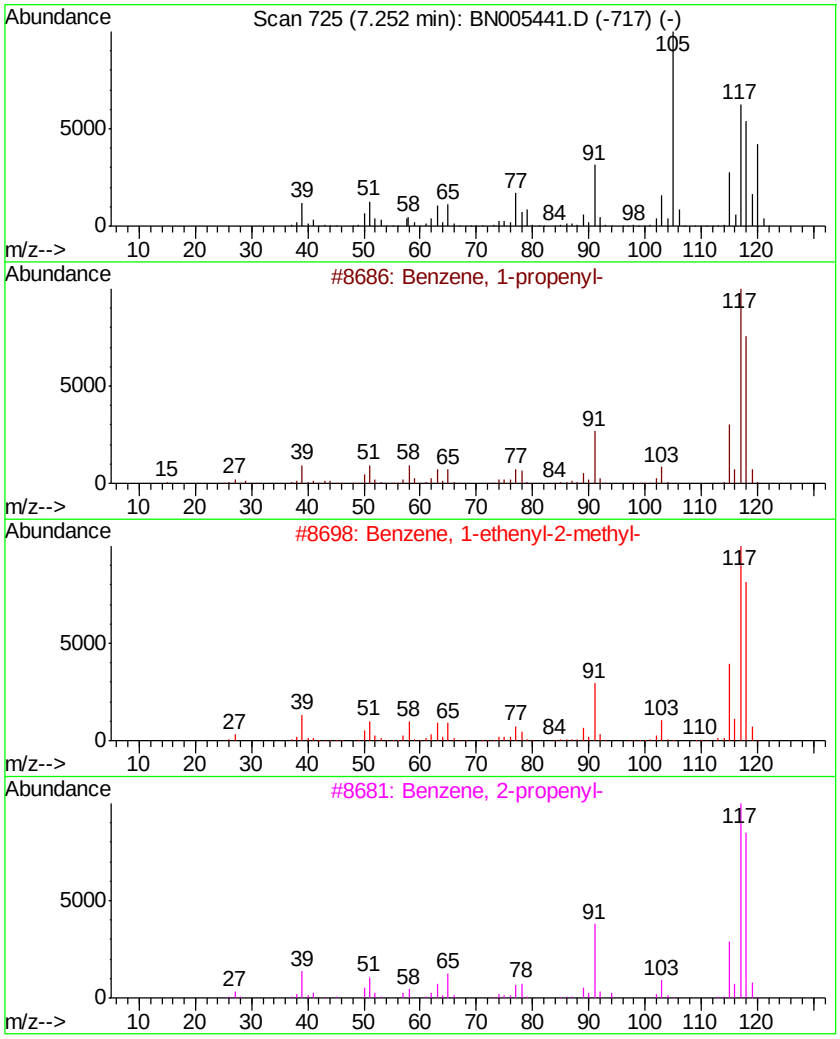
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

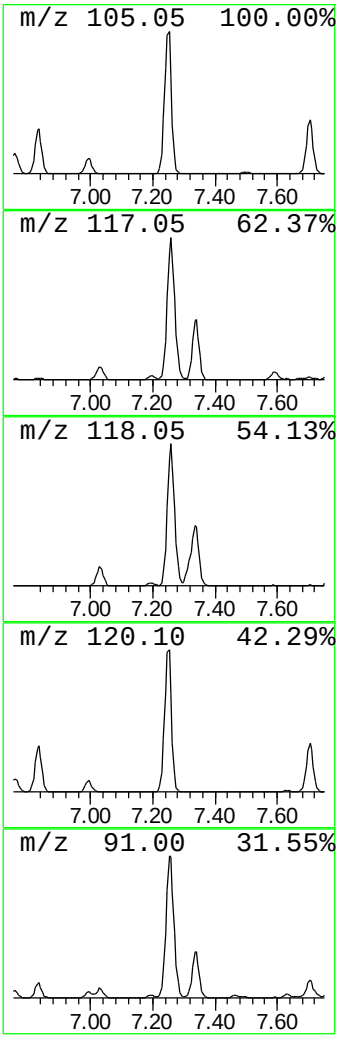
****

Peak Number 3 Benzene, 1-propenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	87.31 ng/ul	10618400	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	50
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	50
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	46
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	46
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	46





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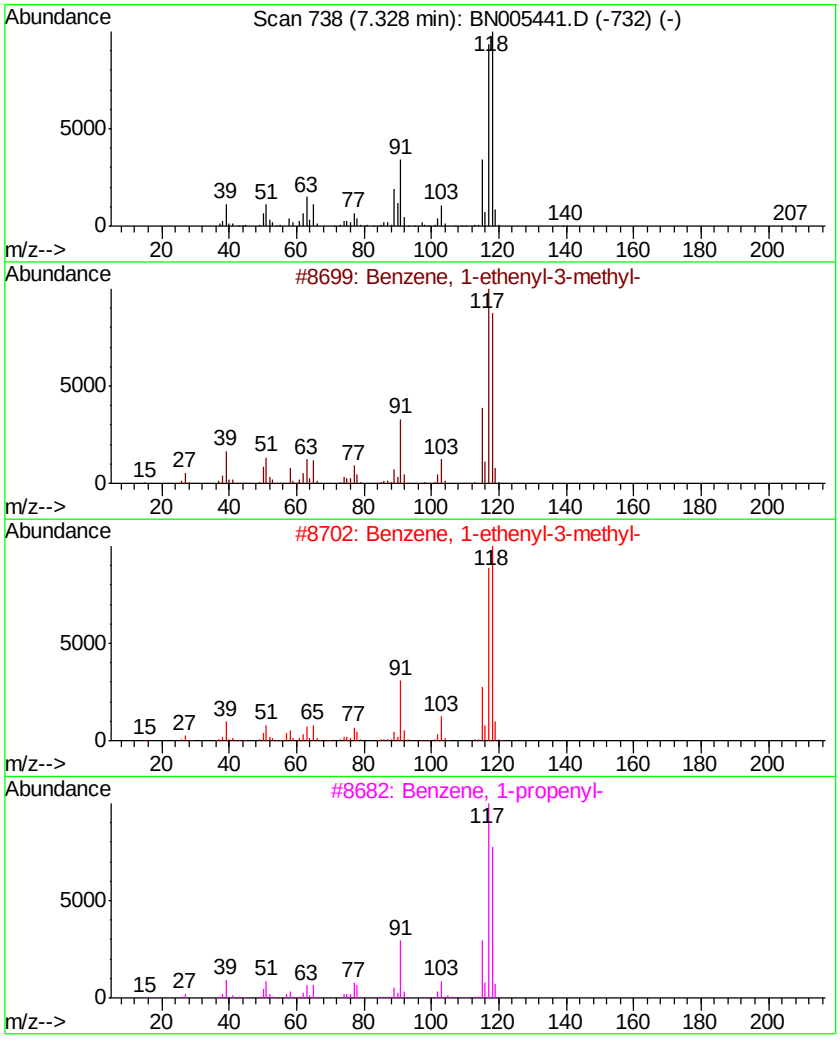
Quant Title : SVOA CALIBRATION

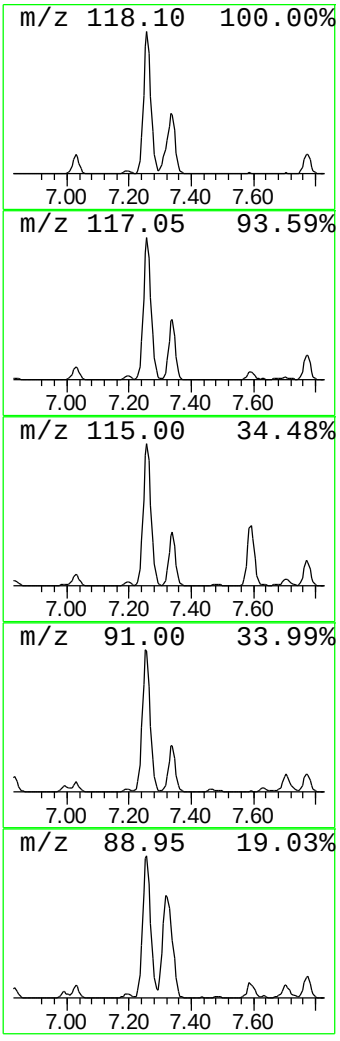
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	19.87 ng/ul	2417020	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91





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Instrument : BNA_N
ClientSampleId : GAJ69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

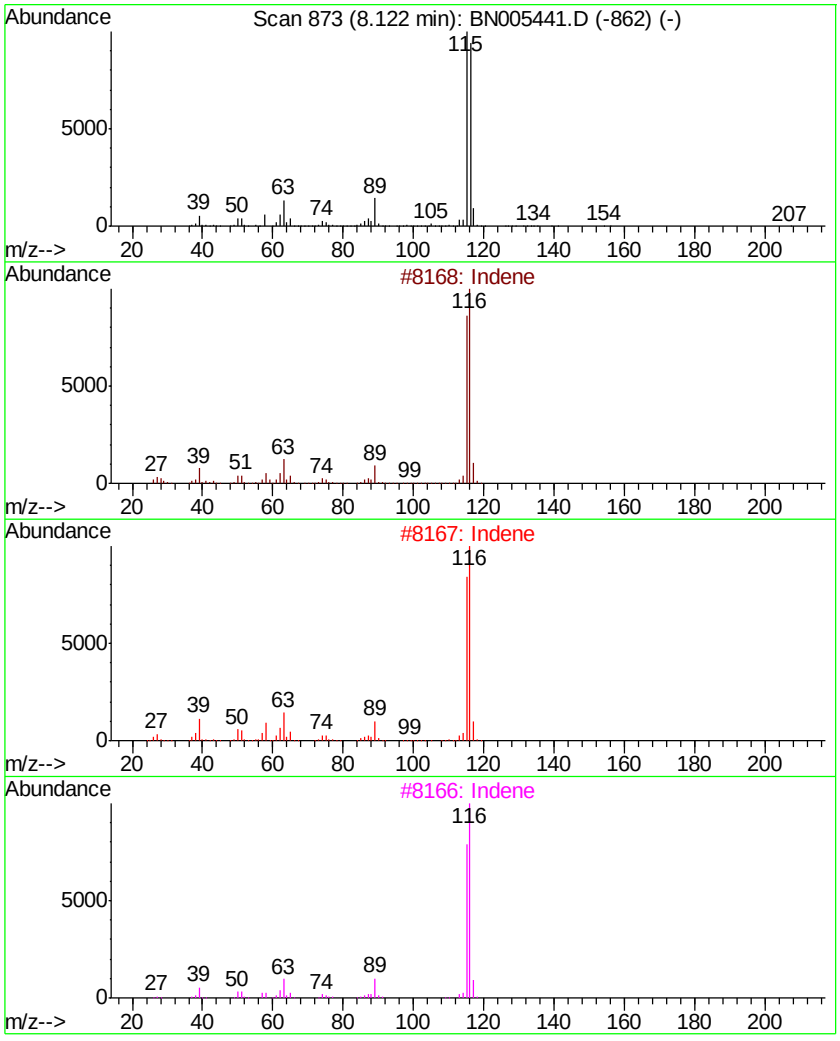
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

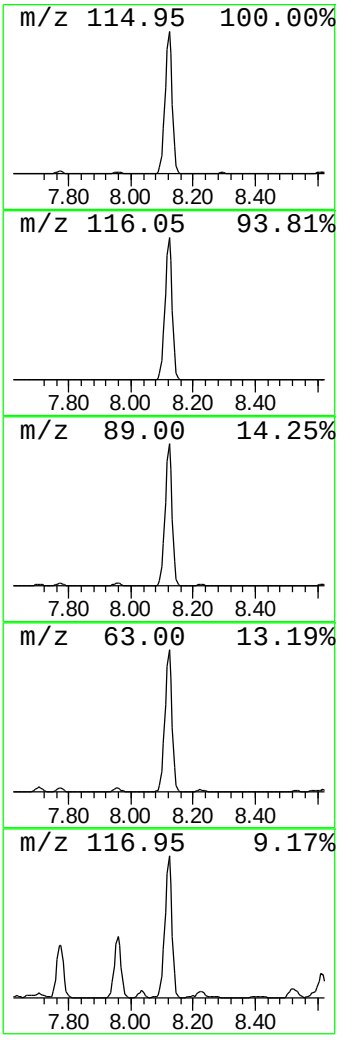
****

Peak Number 5 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	152.14 ng/ul	18501300	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	Indene	116	C9H8	000095-13-6	95
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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Instrument : BNA_N
ClientSampleId : GAJ69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

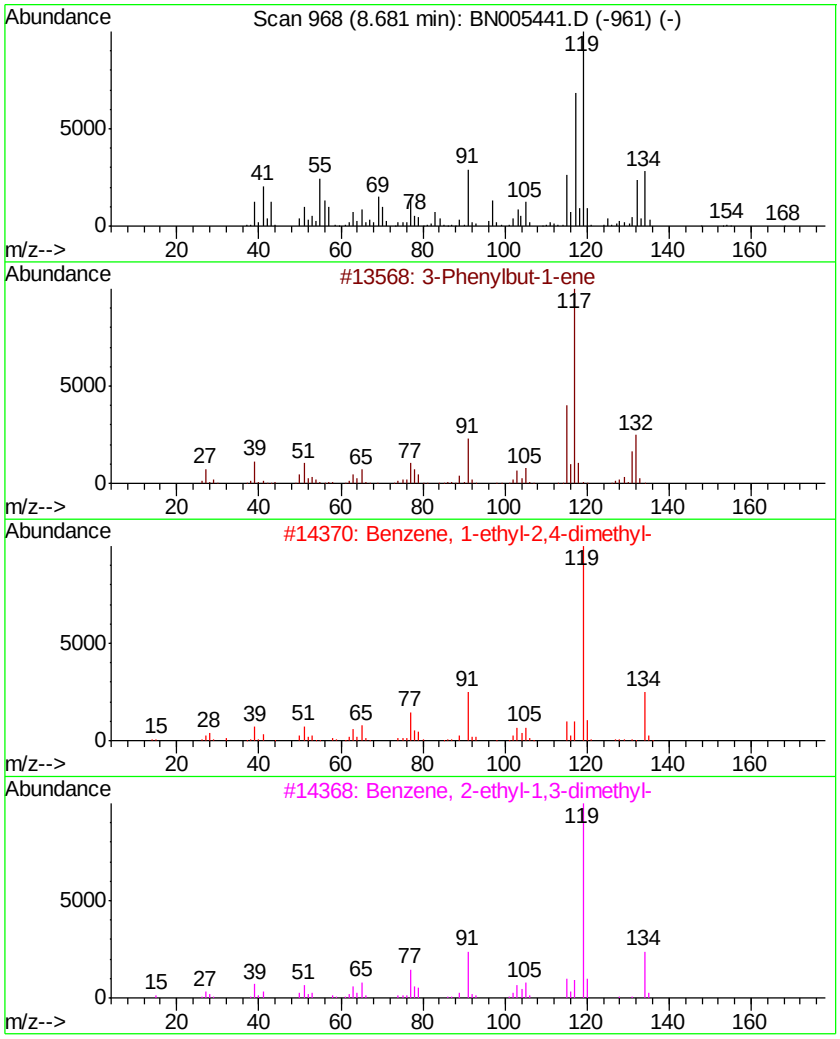
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

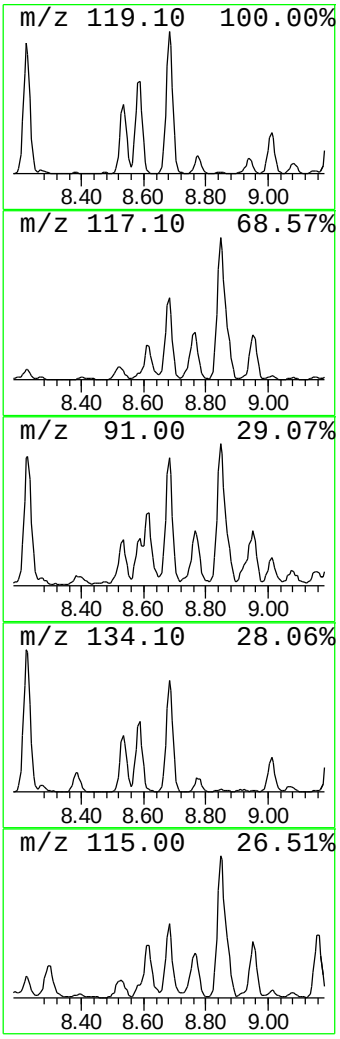
****

Peak Number 6 3-Phenylbut-1-ene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	16.73 ng/ul	2034930	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	55
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	55
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	55





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Acq On : 03 May 2019 06:31
Operator : JU/SJ
Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

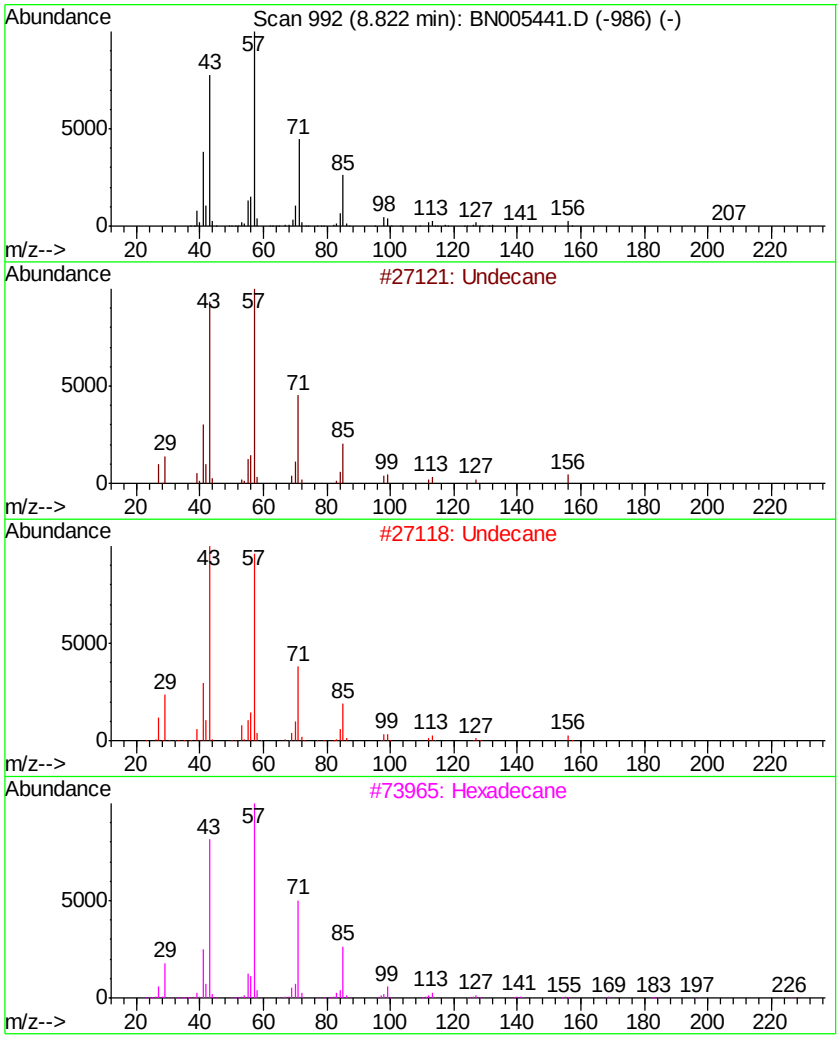
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

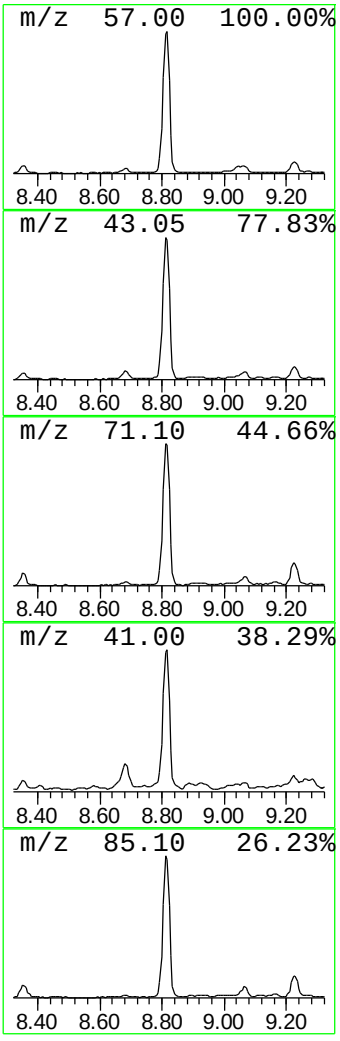
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	27.61 ng/ul	3358250	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Undecane	156	C11H24	001120-21-4	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Undecane	156	C11H24	001120-21-4	87
5	Tridecane	184	C13H28	000629-50-5	86





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

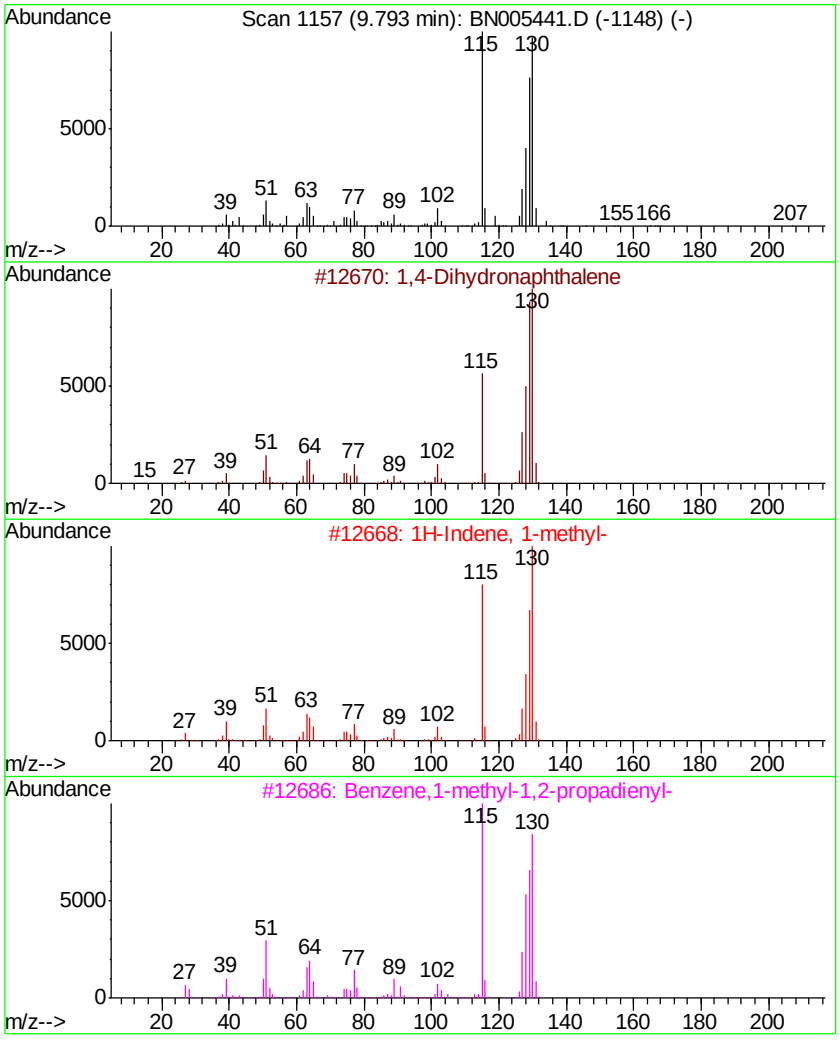
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

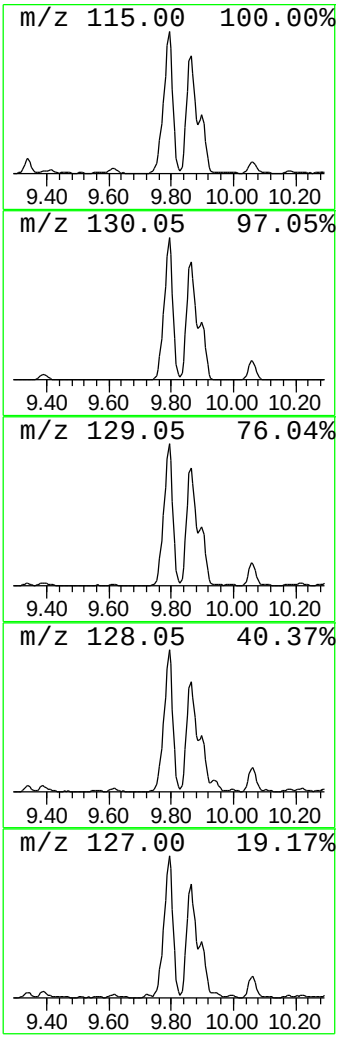
****

Peak Number 8 1,4-Dihydronaphthalene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	19.13 ng/ul	10336700	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
4	2-Methylindene	130	C10H10	002177-47-1	93
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93





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Instrument : BNA_N
ClientSampleId : GAJ69

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Quant Title : SVOA CALIBRATION

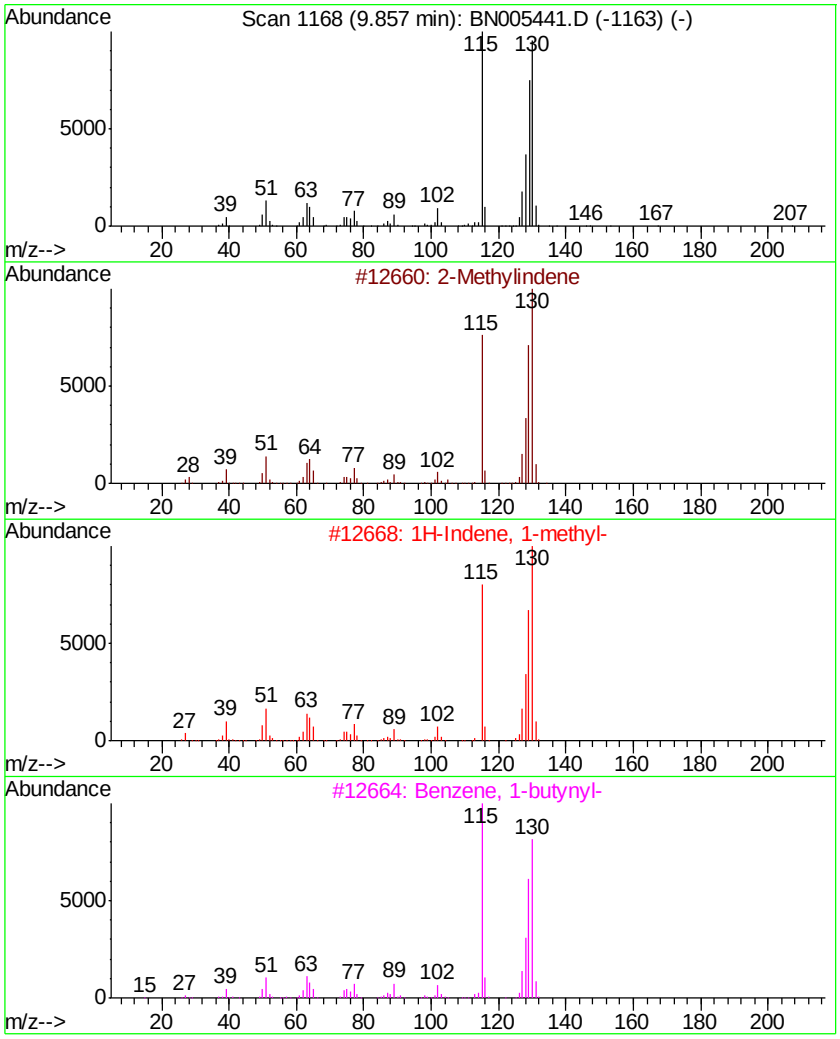
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

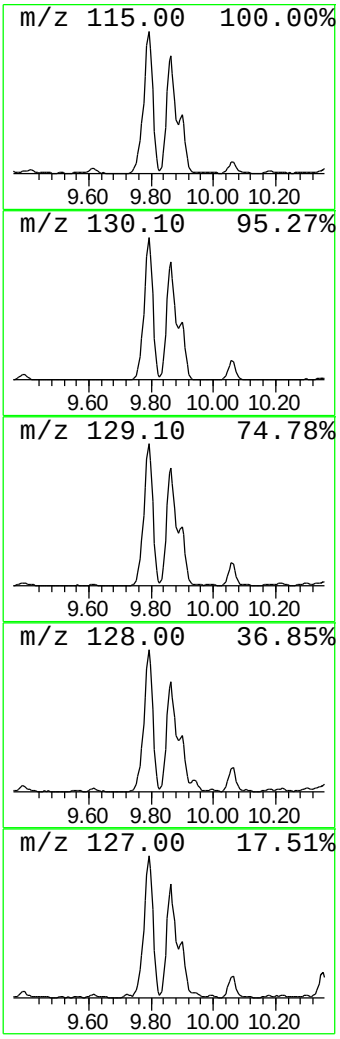
****

Peak Number 9 2-Methylindene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	11.44 ng/ul	6183800	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94





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Sample : K2603-17 10X
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Instrument : BNA_N
ClientSampleId : GAJ69

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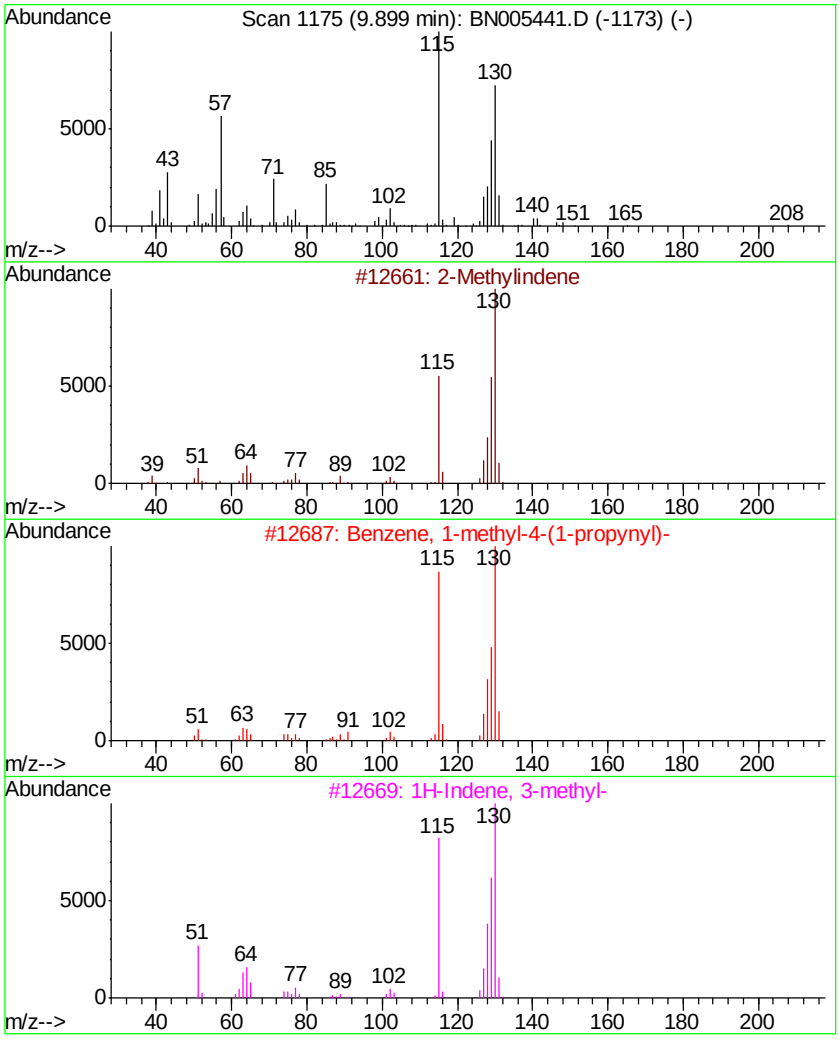
Quant Title : SVOA CALIBRATION

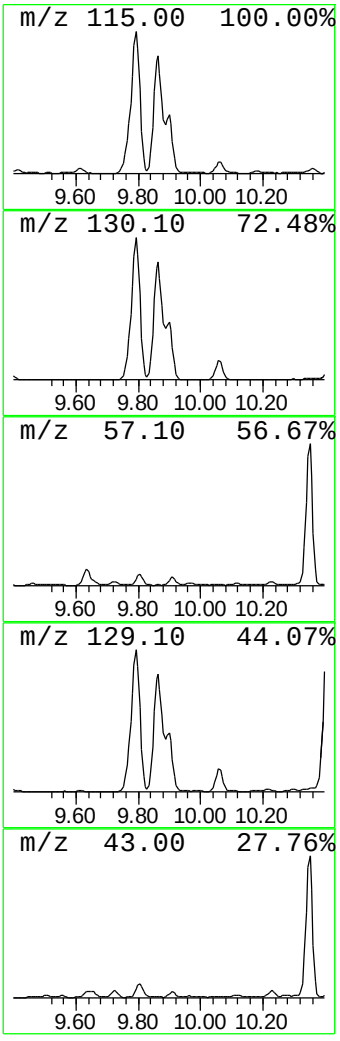
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-methyl-4-(1-prop... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	4.08 ng/ul	2206900	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	64
2	Benzene, 1-methyl-4-(1-propynyl)-	130	C10H10	002749-93-1	53
3	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	50
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	50
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	46





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Sample : K2603-17 10X
Misc :
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Instrument : BNA_N
ClientSampleId : GAJ69

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 11 Cyclopenta[c]thiapyran Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	7.44 ng/ul	4021470	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	70
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	70
3	2-Benzothiophene #	134	C8H6S	000270-82-6	70
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	70
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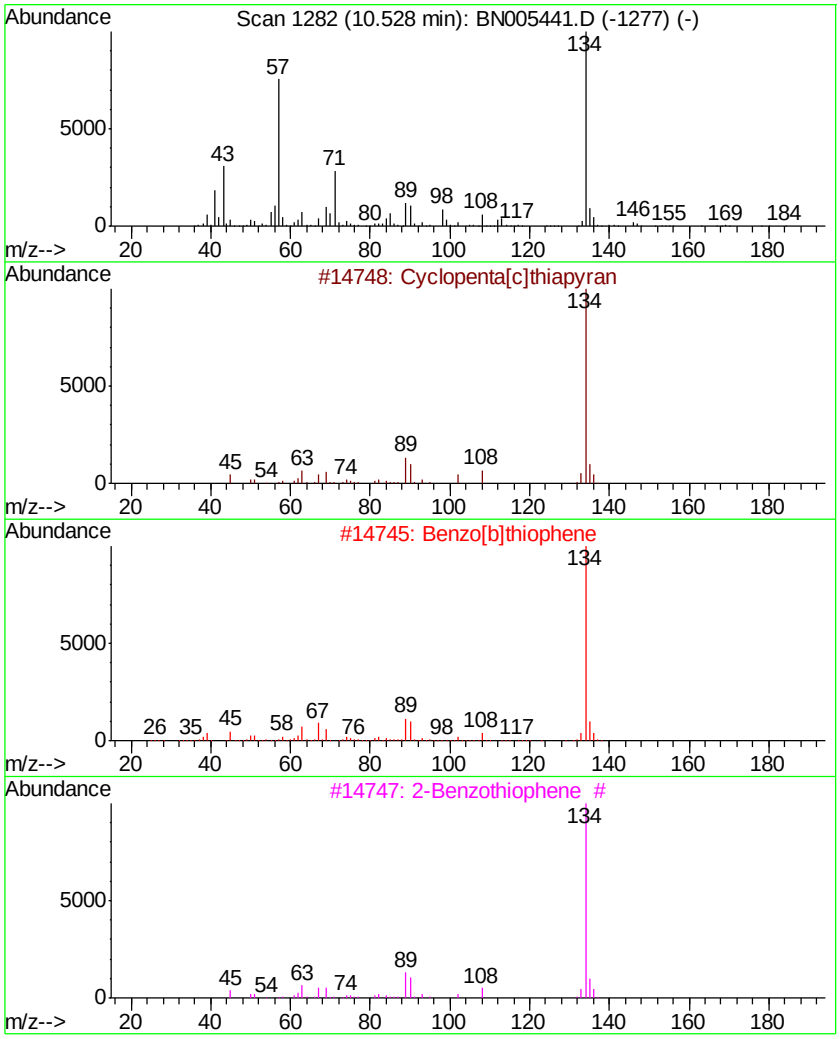

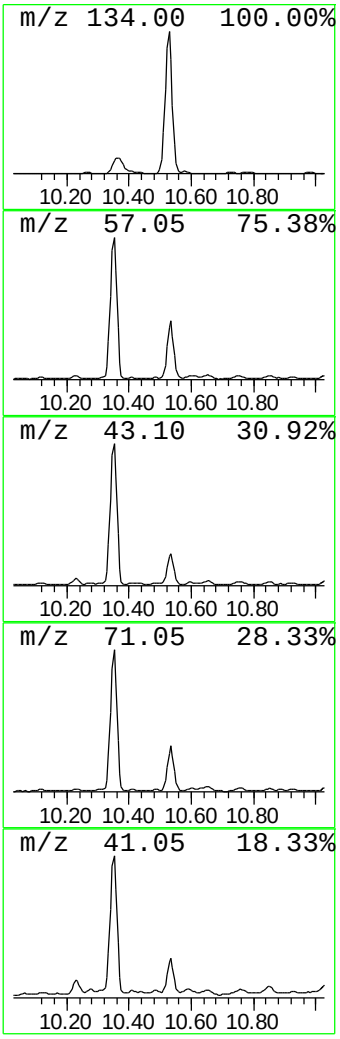

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Instrument : BNA_N
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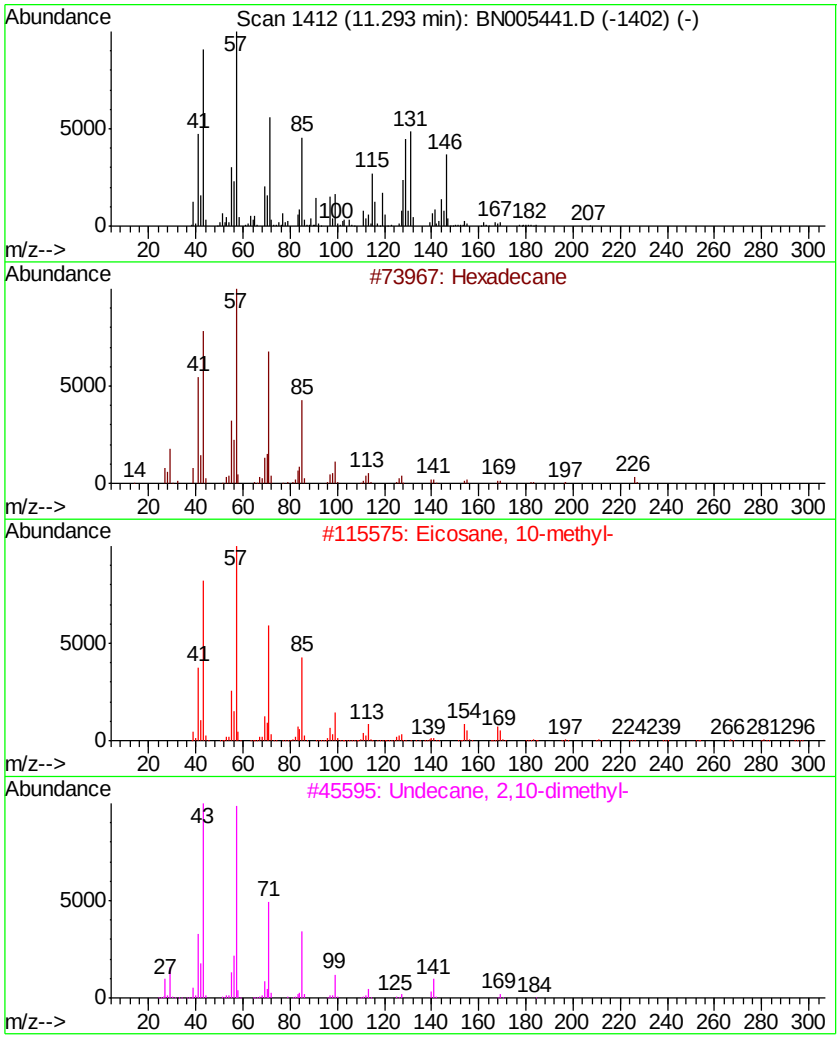
Quant Title : SVOA CALIBRATION

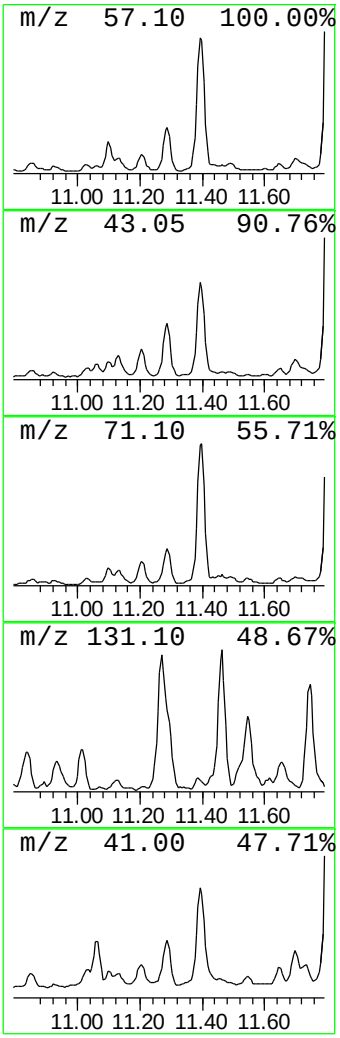
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	4.33 ng/ul	2339010	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	46
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	46
3	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	45
4	Nonadecane	268	C19H40	000629-92-5	45
5	Eicosane	282	C20H42	000112-95-8	45





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Sample : K2603-17 10X
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Instrument : BNA_N
ClientSampleId : GAJ69

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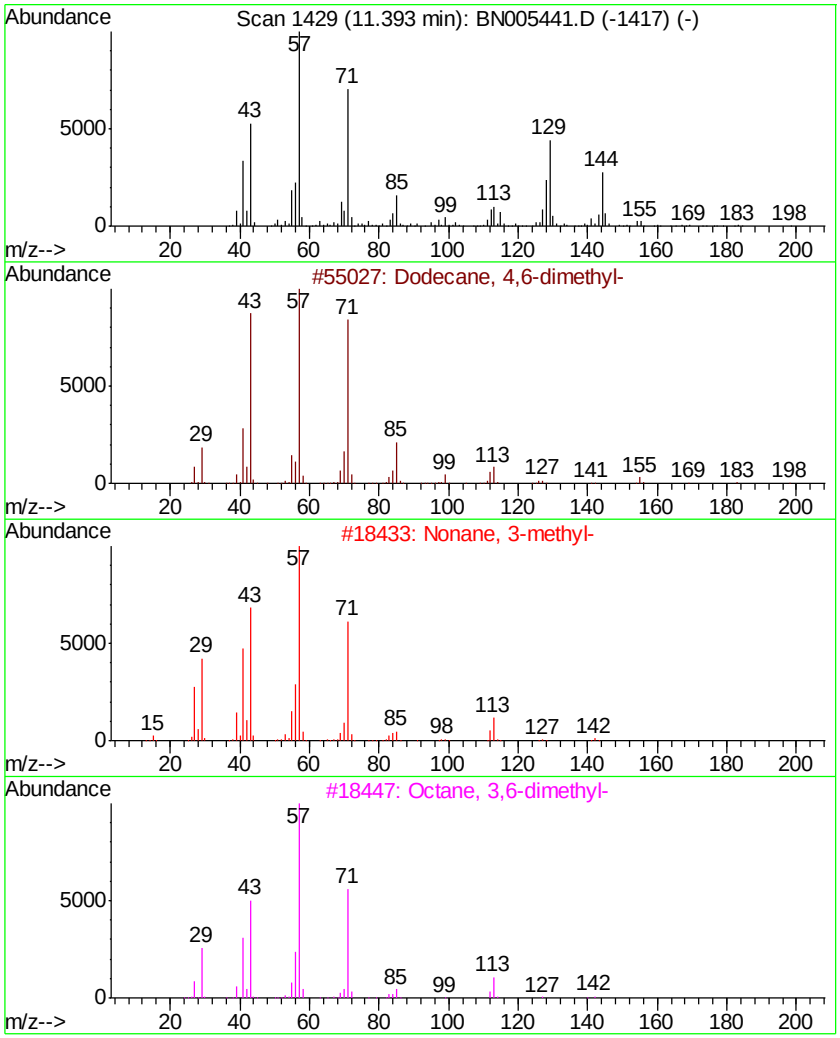
Quant Title : SVOA CALIBRATION

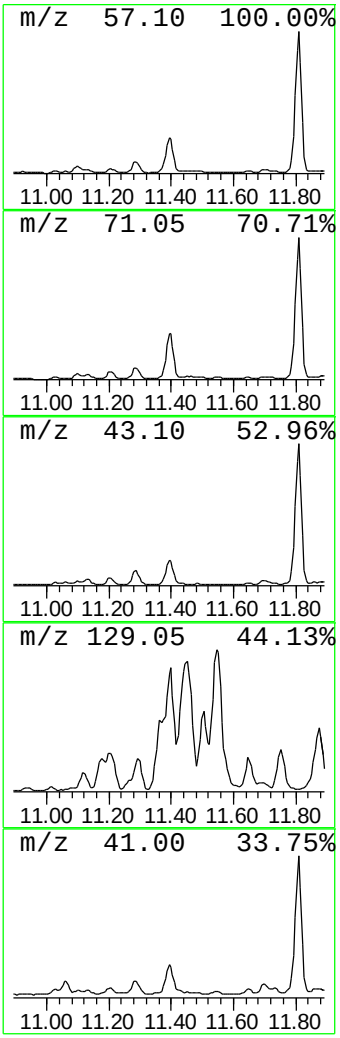
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	10.37 ng/ul	5604050	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	46
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	45
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	45
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	38
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	38





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Quant Title : SVOA CALIBRATION

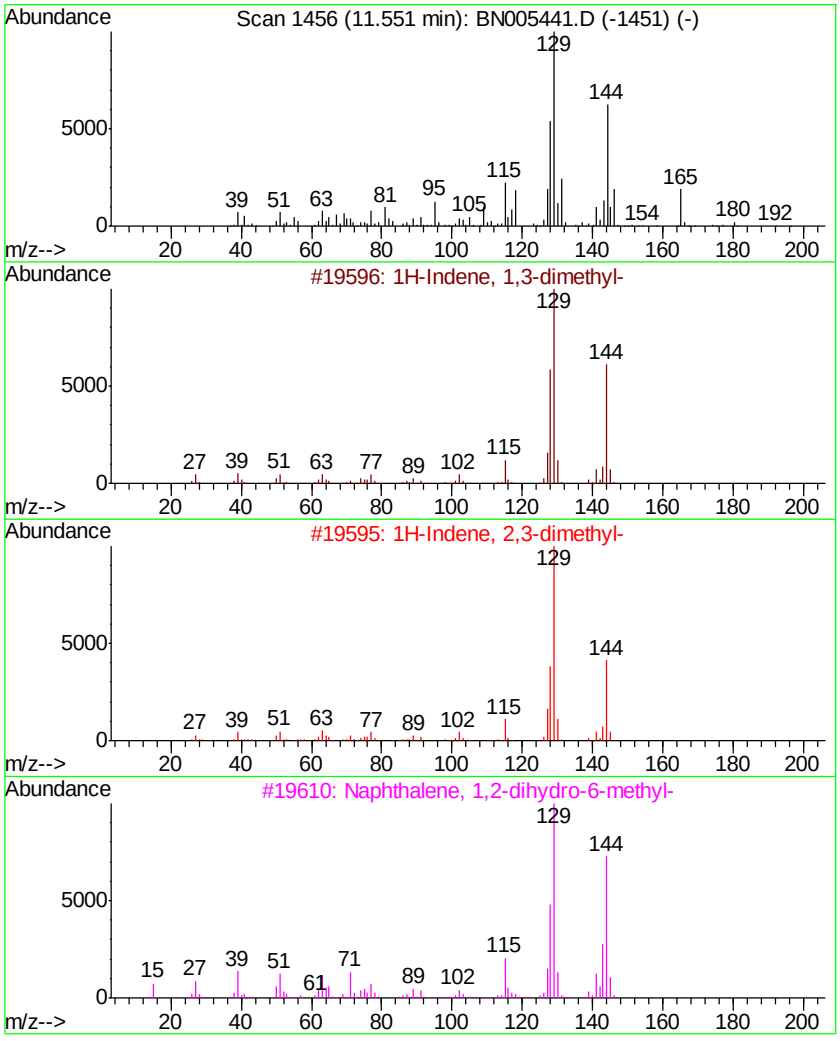
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

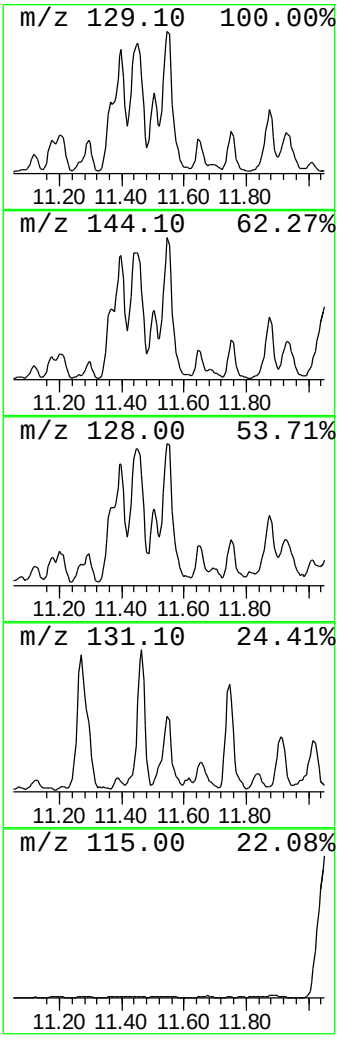
****

Peak Number 14 1H-Indene, 1,3-dimethyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	4.43 ng/ul	2394320	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	92
2	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	86
3	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	83
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	64
5	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	60





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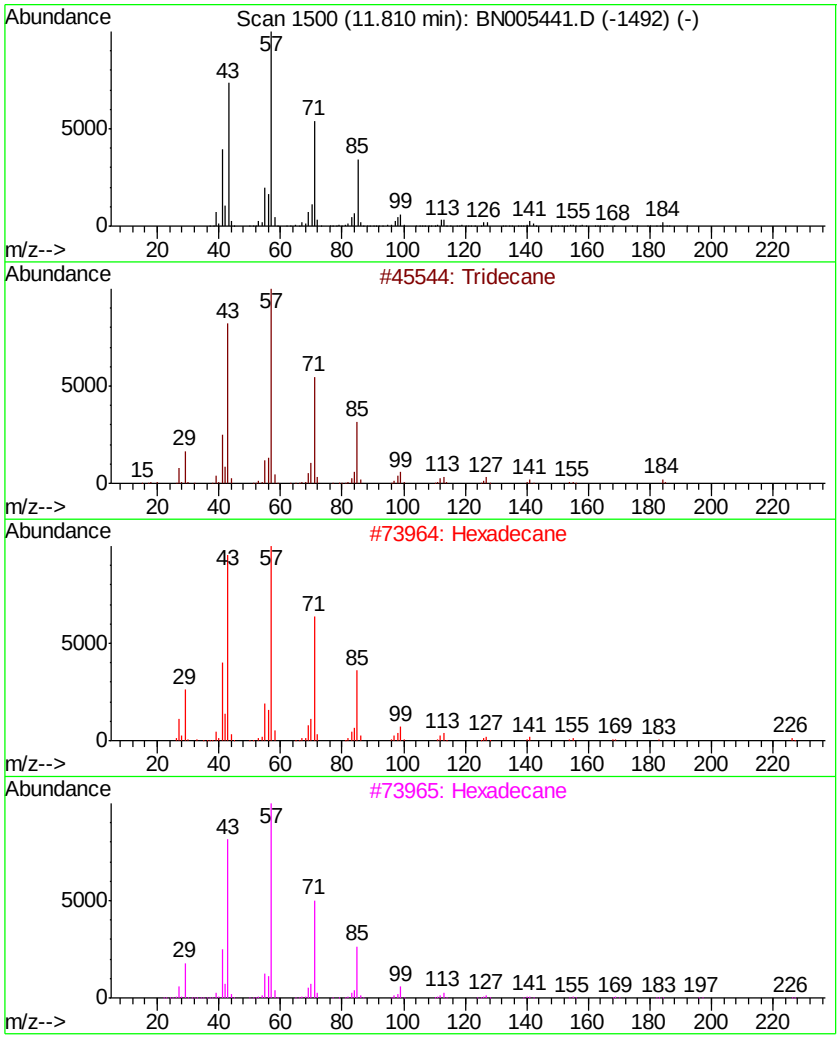
Quant Title : SVOA CALIBRATION

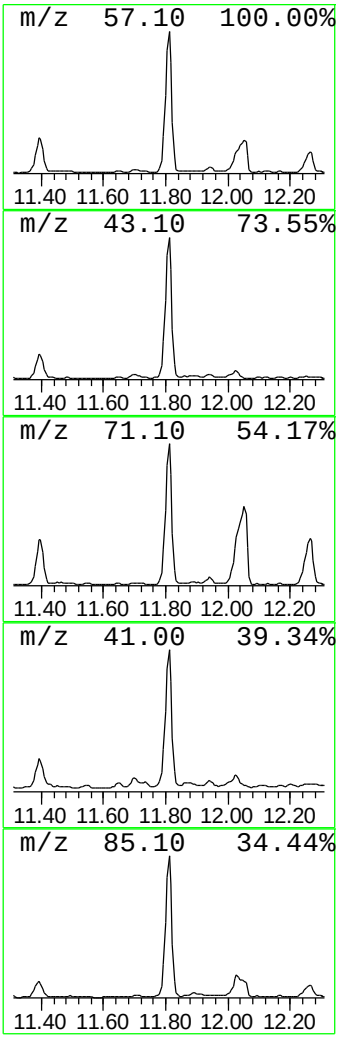
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	21.38 ng/ul	11556700	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tetradecane	198	C14H30	000629-59-4	90





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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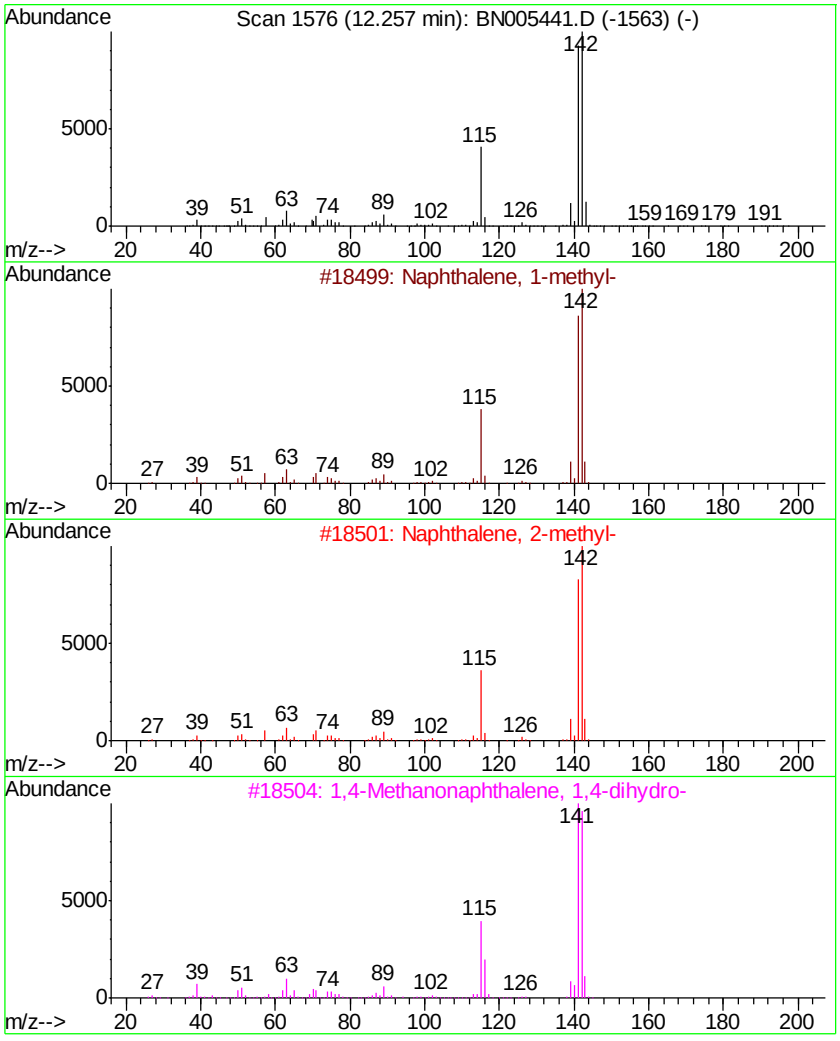
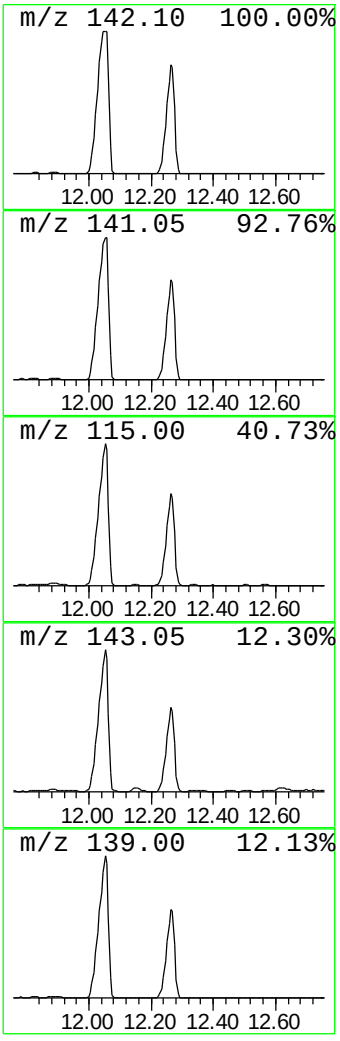
Peak Number 16 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	77.90 ng/ul	42101300	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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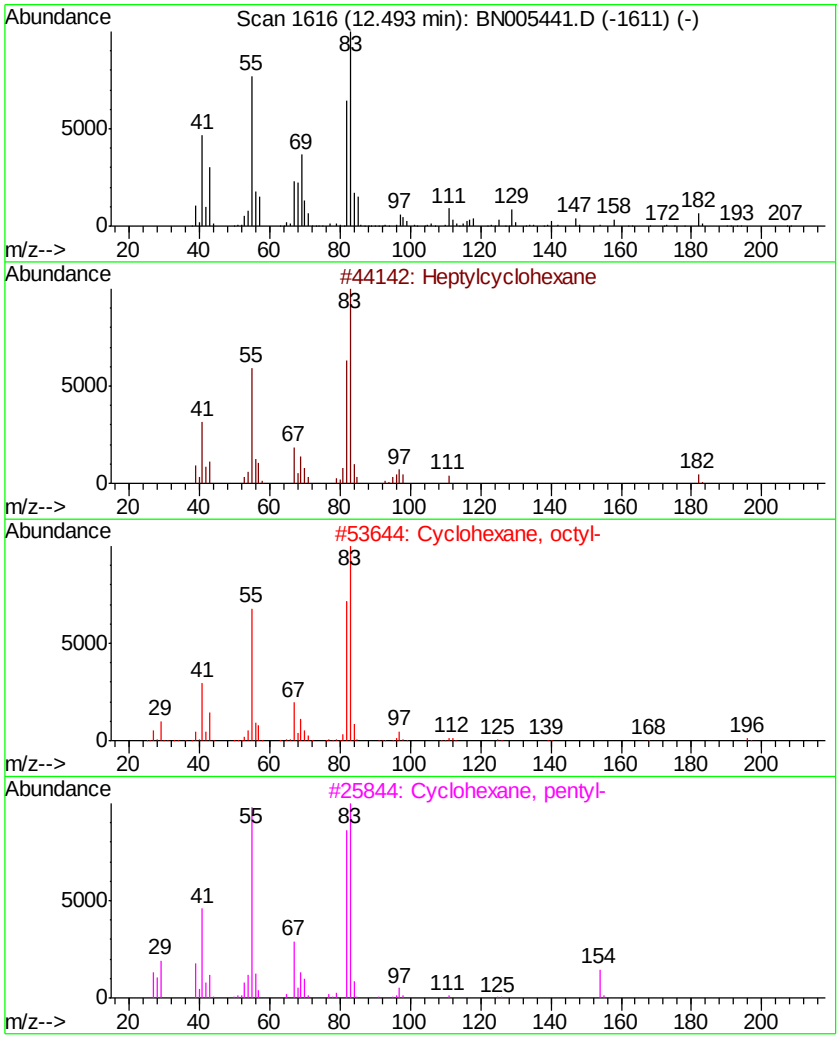
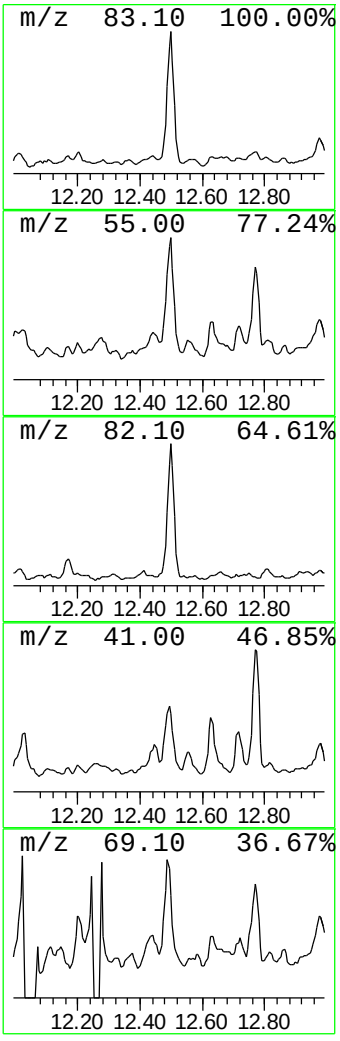
Peak Number 17 (DEL) Alkane: Cyclic12.49 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	3.96 ng/ul	2346080	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	64
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	59
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	59
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	59





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Sample : K2603-17 10X
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TIC Integration Parameters: LSCINT.P

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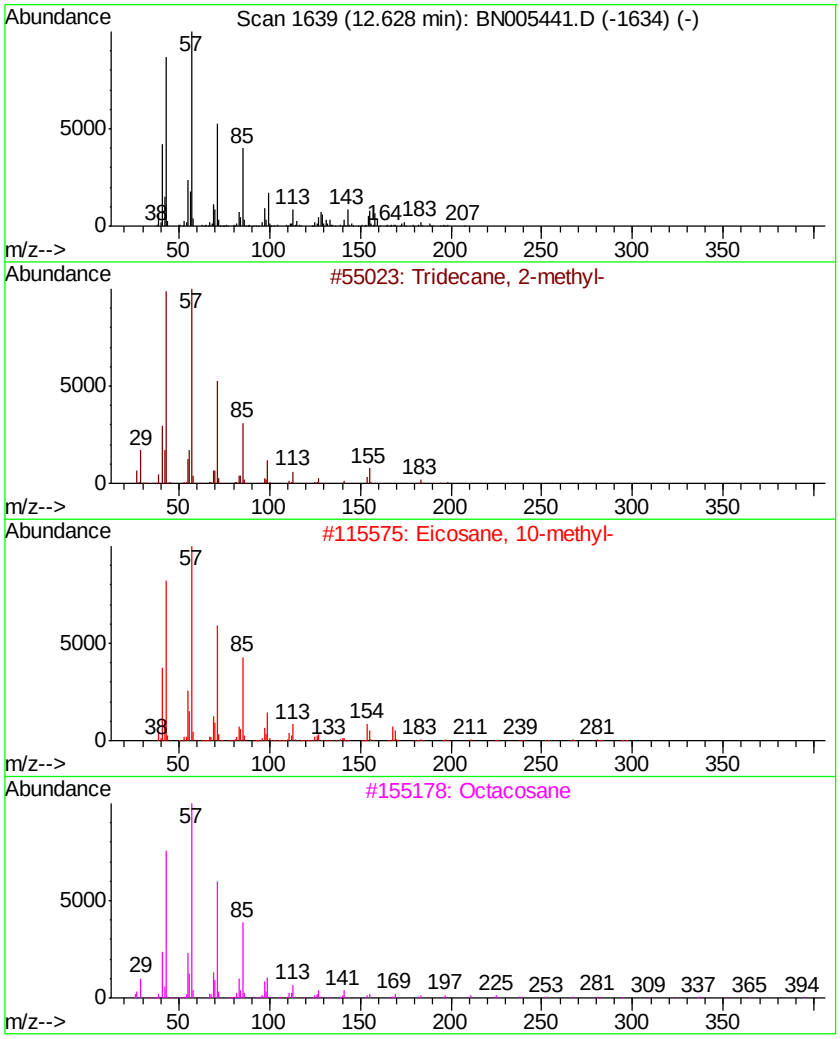
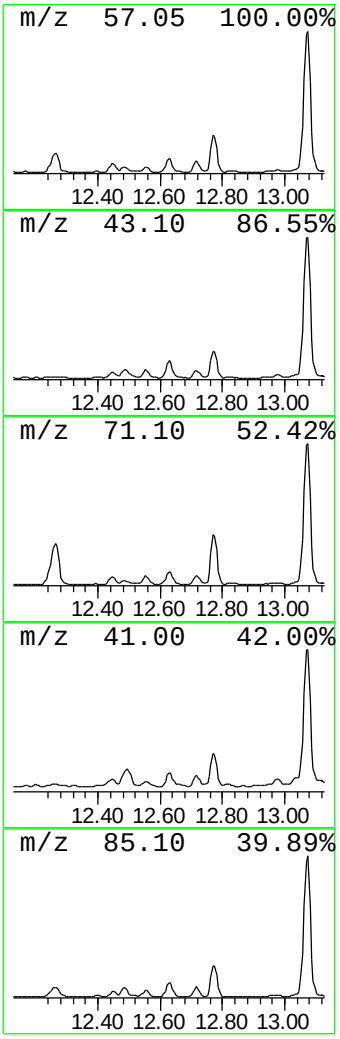
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	3.53 ng/ul	2093660	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	95
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
3	Octacosane	394	C28H58	000630-02-4	83
4	Heptadecane	240	C17H36	000629-78-7	80
5	Tetracosane	338	C24H50	000646-31-1	80





Library Search Compound Report

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Acq On : 03 May 2019 06:31
Operator : JU/SJ
Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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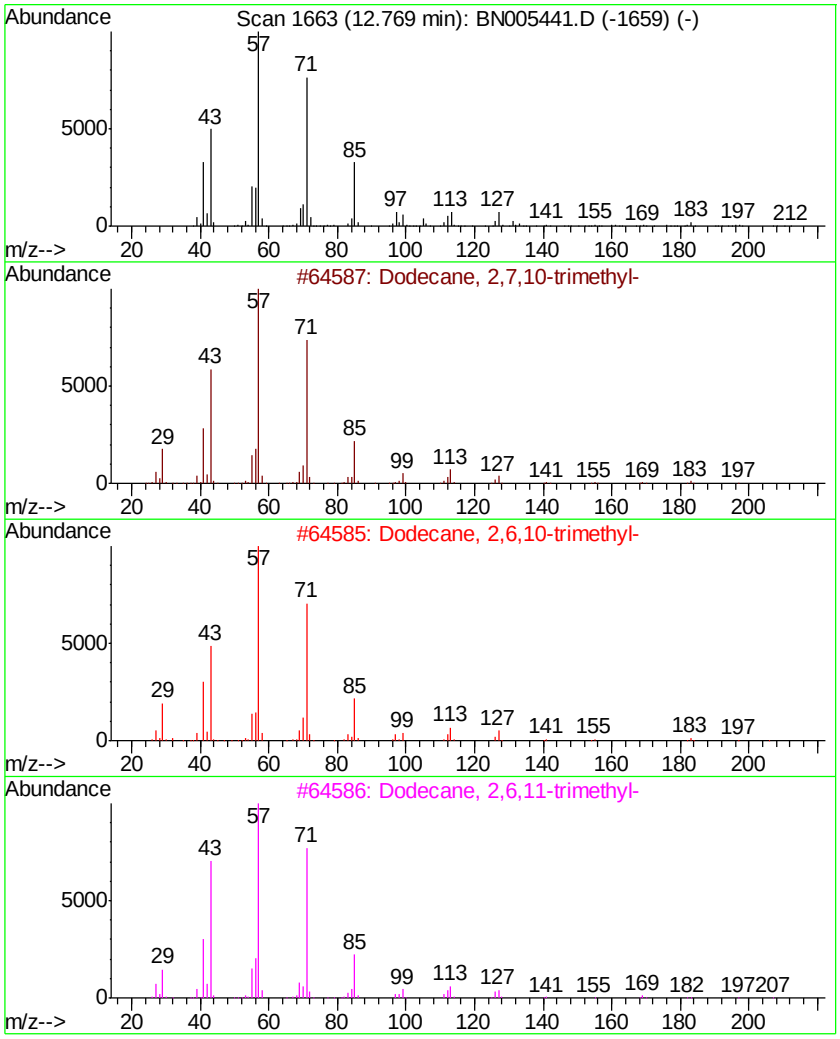
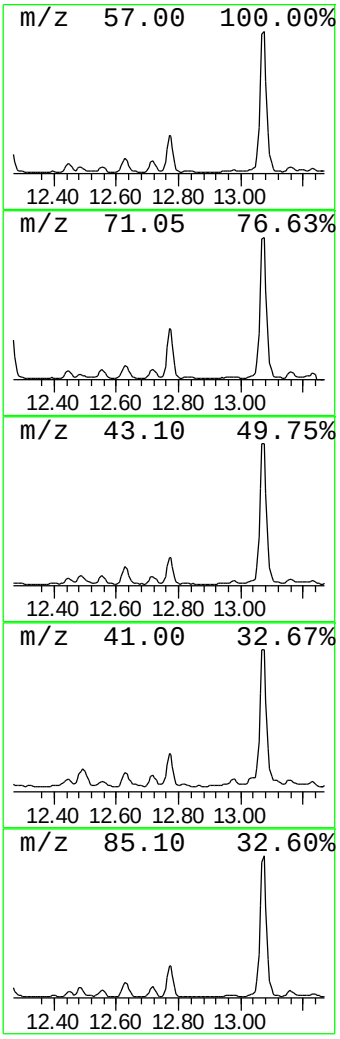
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	4.87 ng/ul	2885700	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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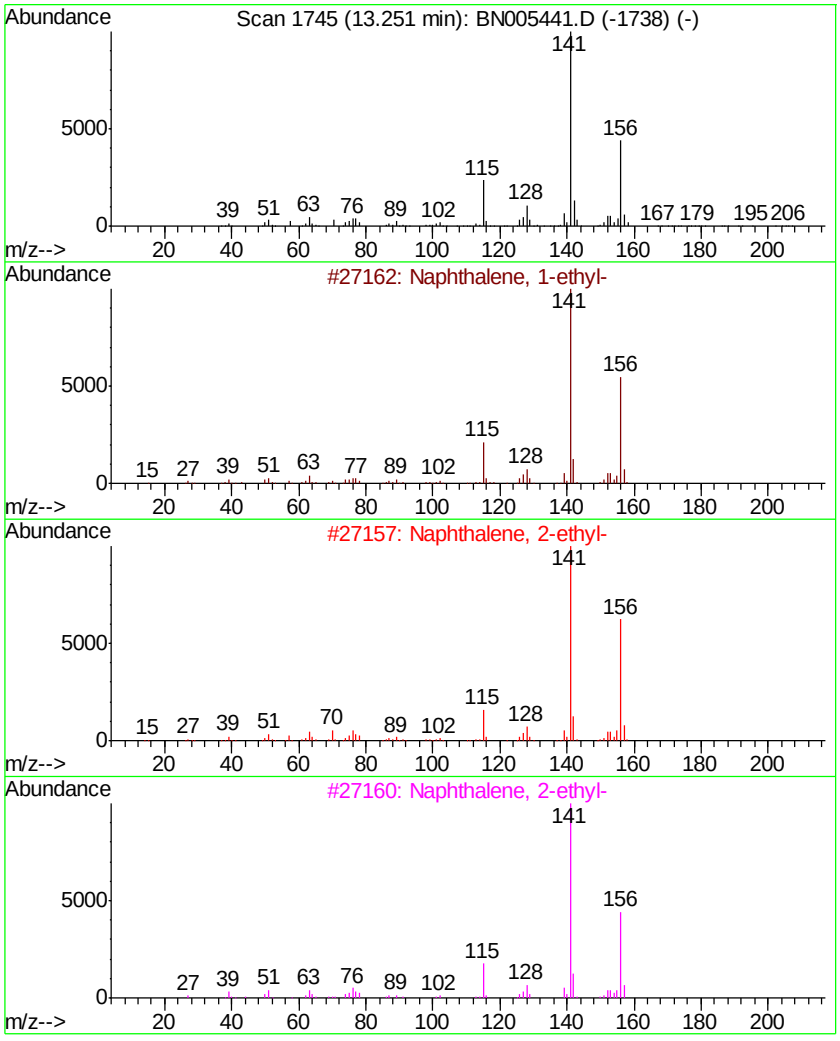
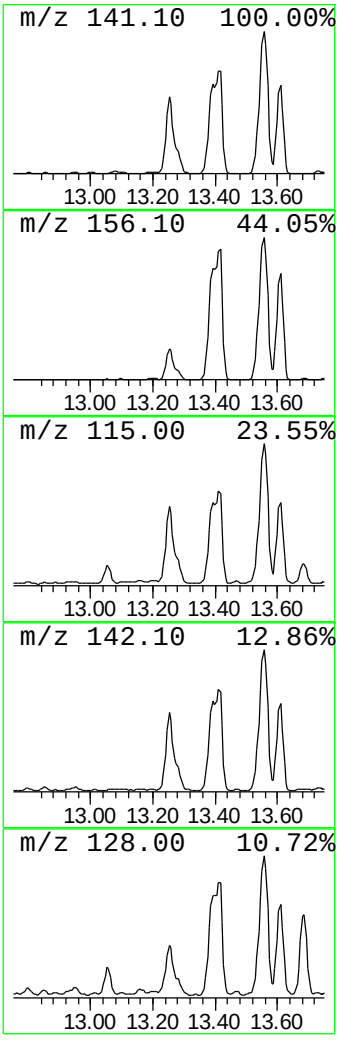
Peak Number 20 Naphthalene, 1-ethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	19.05 ng/ul	11292000	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93





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Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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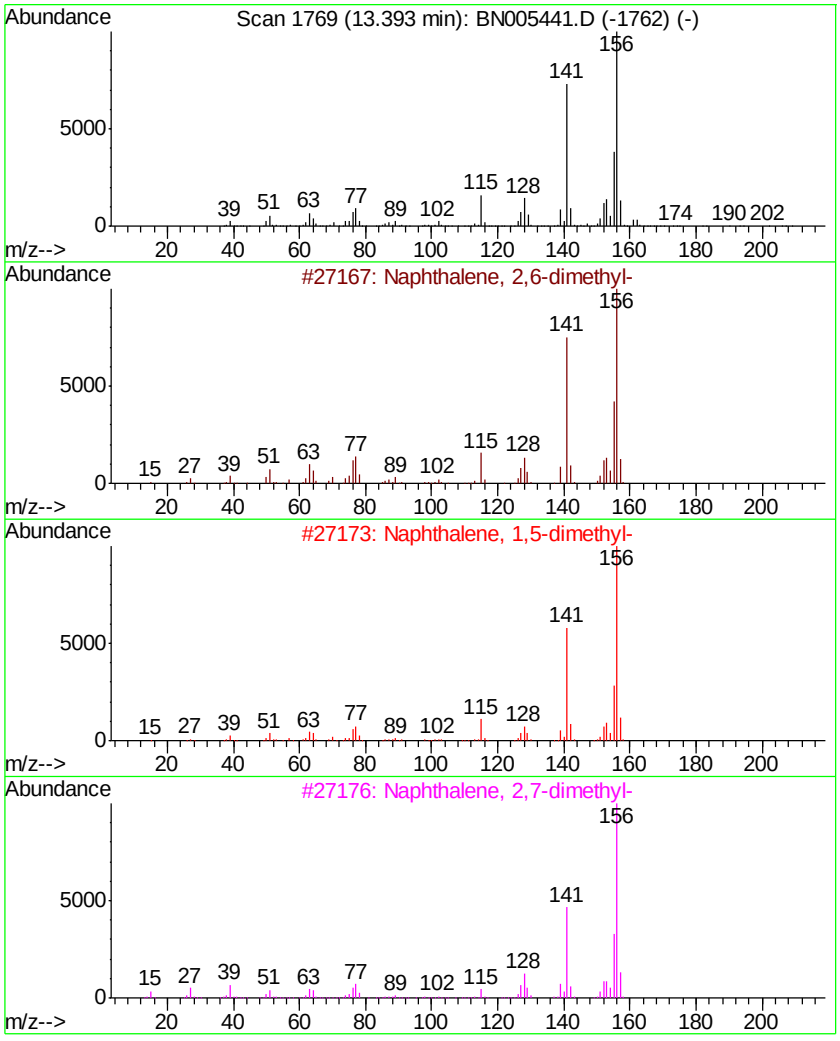
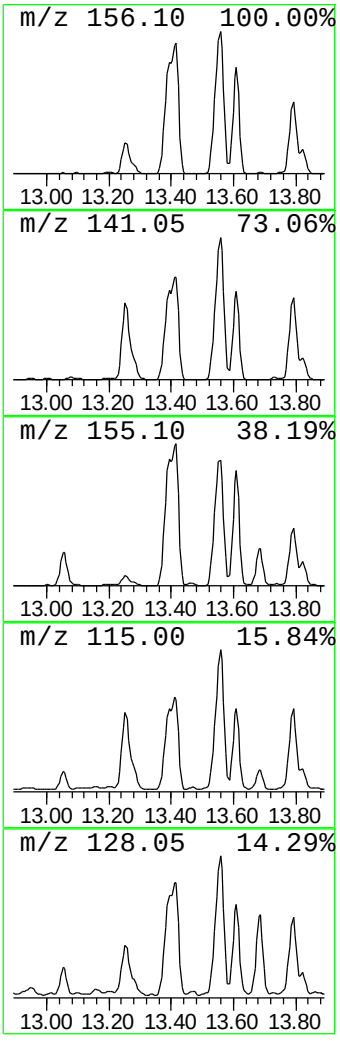
Peak Number 21 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	25.79 ng/ul	15283600	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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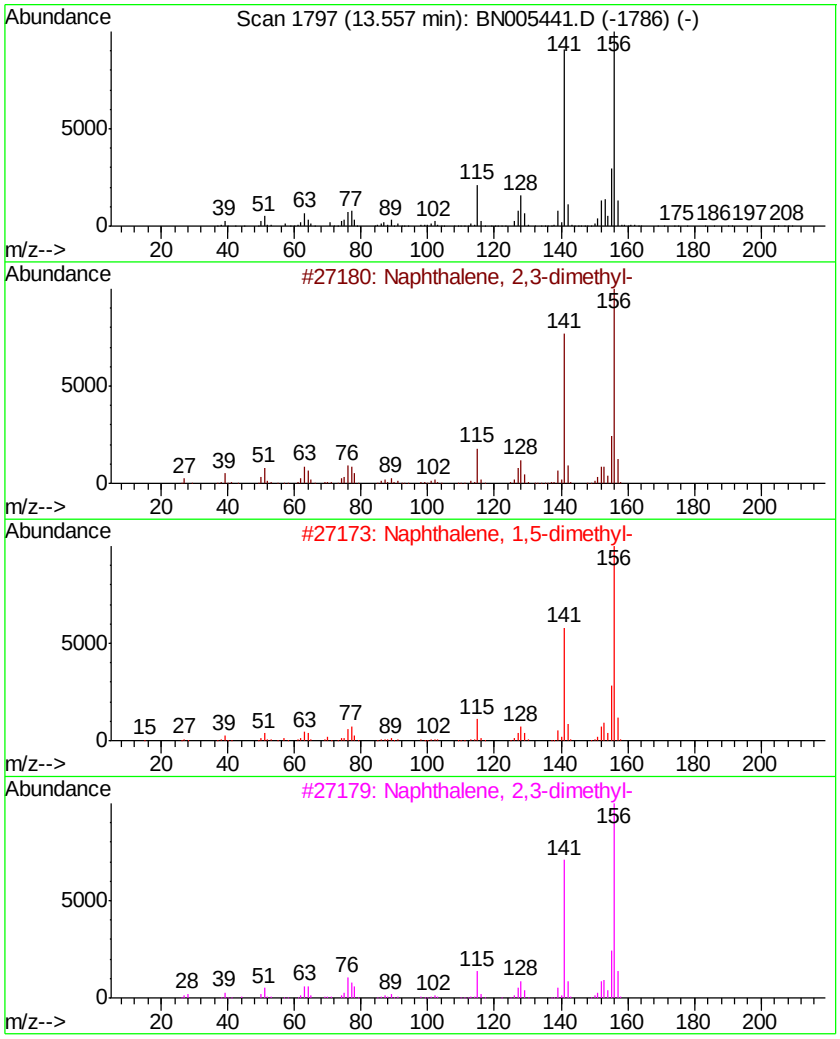
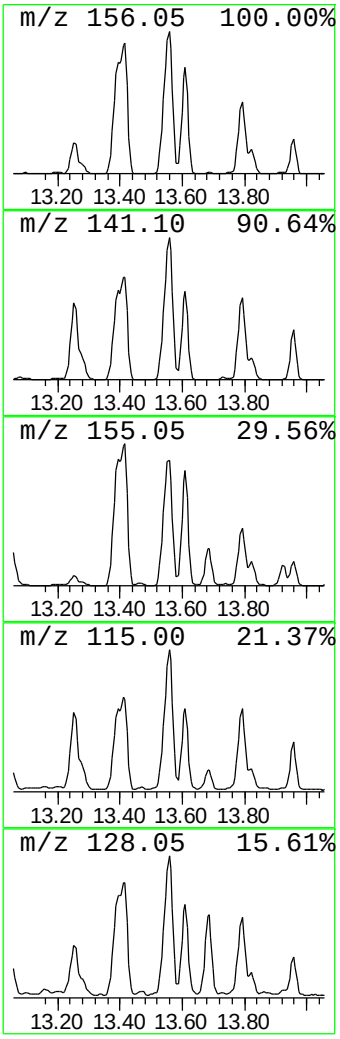
Peak Number 22 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	45.48 ng/ul	26958300	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

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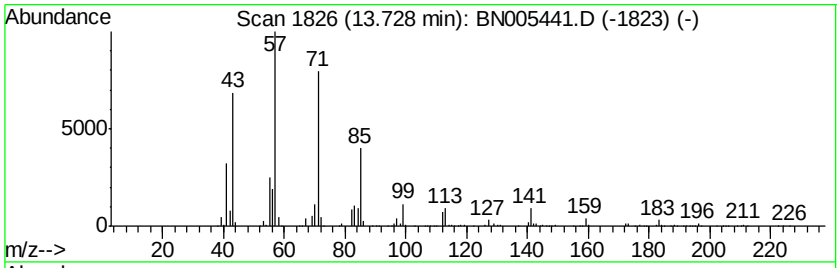
Quant Title : SVOA CALIBRATION

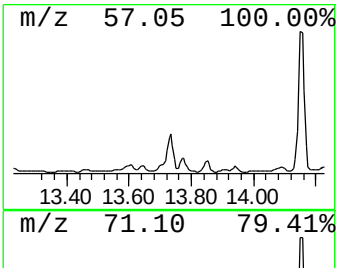
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	5.59 ng/ul	3313460	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87





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Operator : JU/SJ
Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

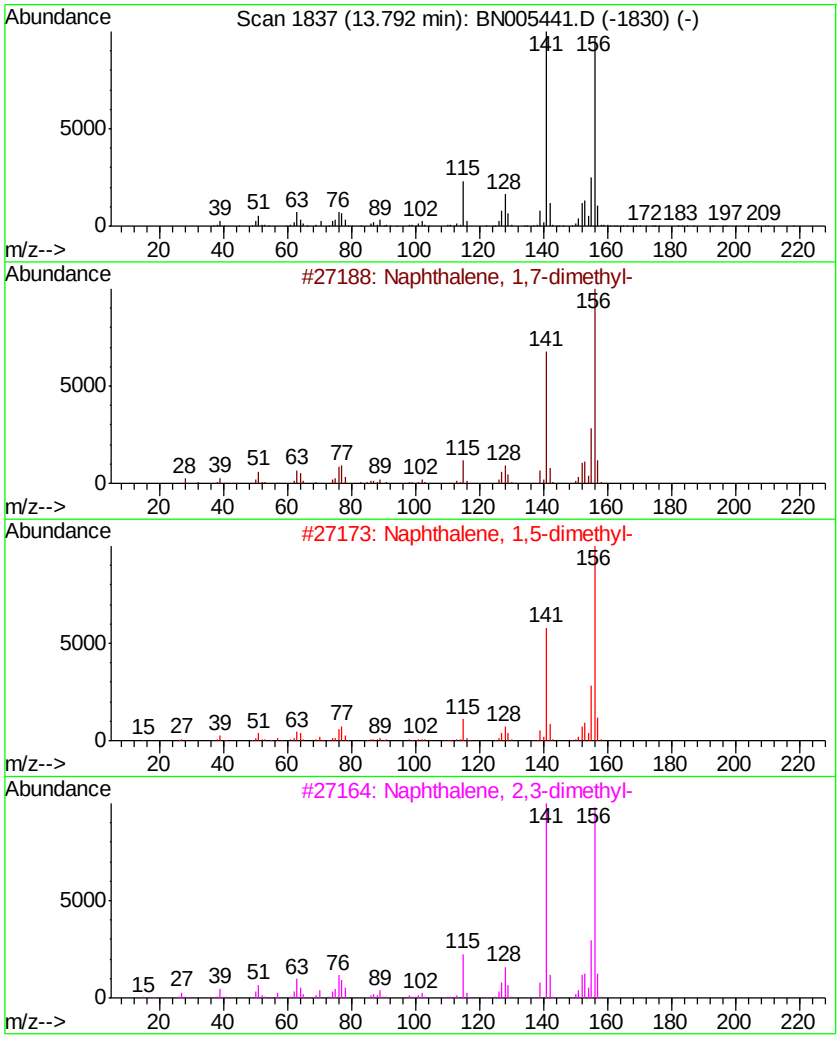
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

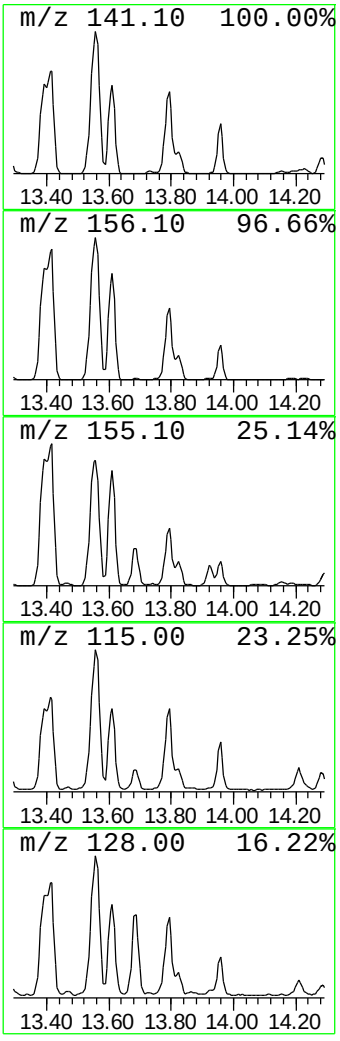
****

Peak Number 24 Naphthalene, 1,7-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	19.72 ng/ul	11686200	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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Sample : K2603-17 10X
Misc :
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Instrument : BNA_N
ClientSampleId : GAJ69

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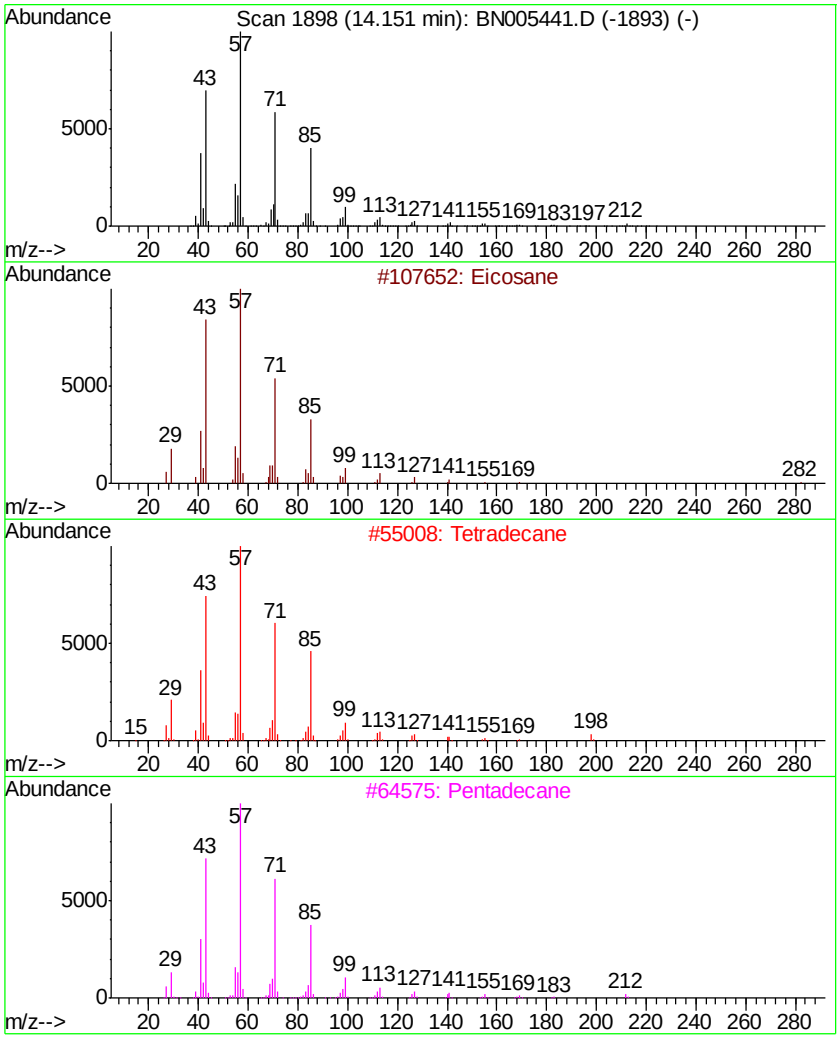
Quant Title : SVOA CALIBRATION

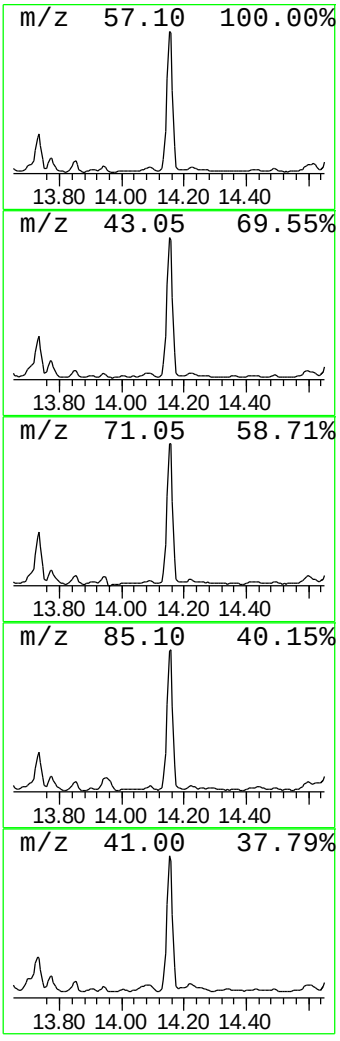
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	20.15 ng/ul	11944900	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane	240	C17H36	000629-78-7	90





Library Search Compound Report

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Operator : JU/SJ
Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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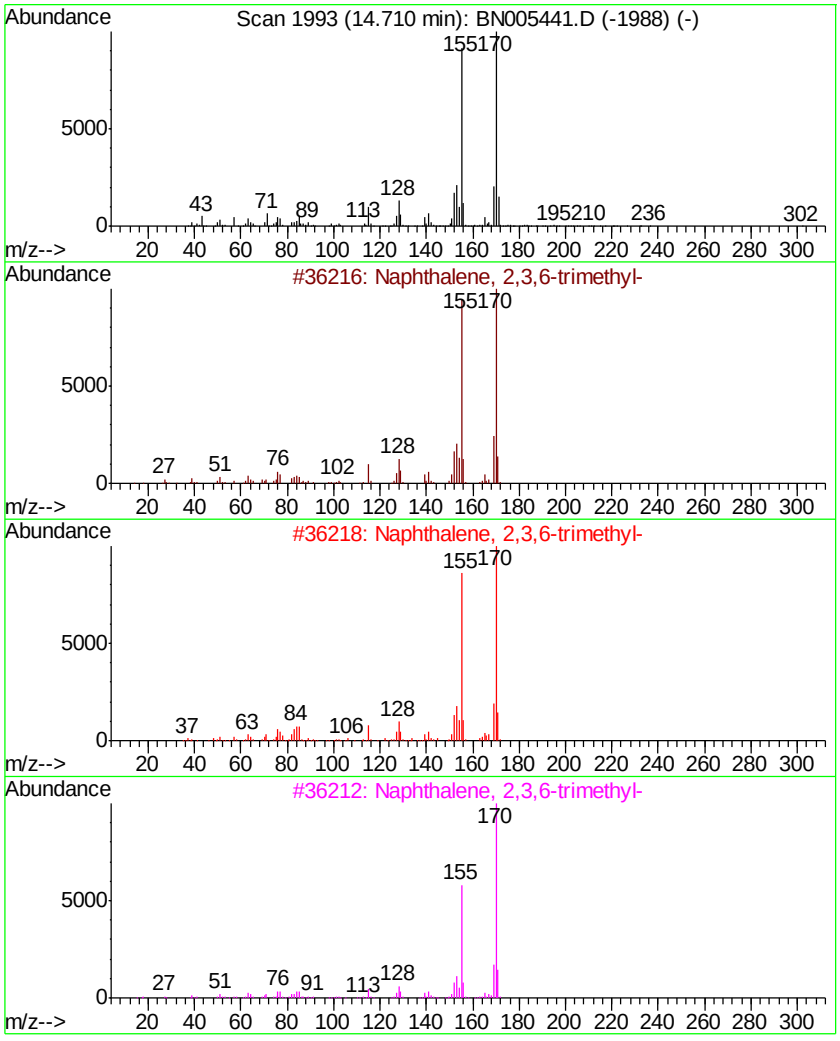
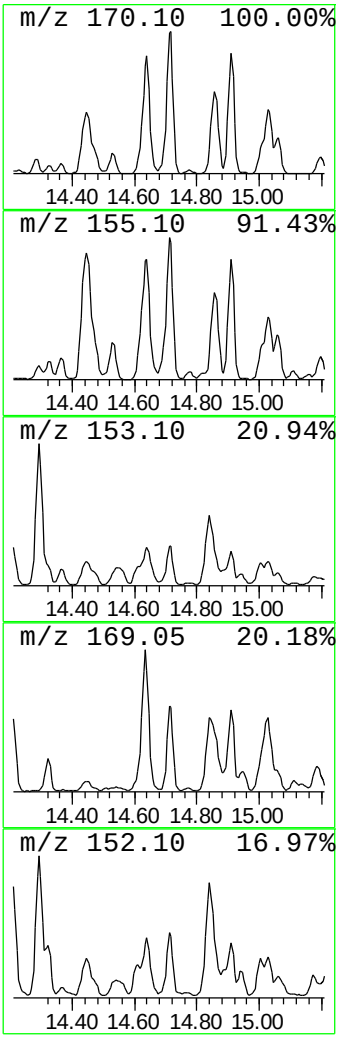
Peak Number 26 Naphthalene, 2,3,6-trimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	9.35 ng/ul	5540190	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96





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Misc :
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Instrument : BNA_N
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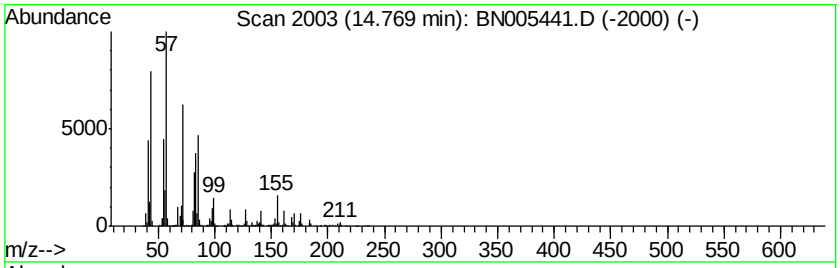
Quant Title : SVOA CALIBRATION

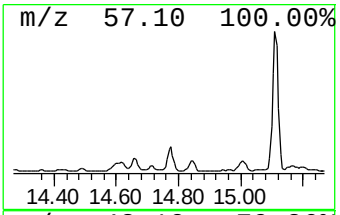
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

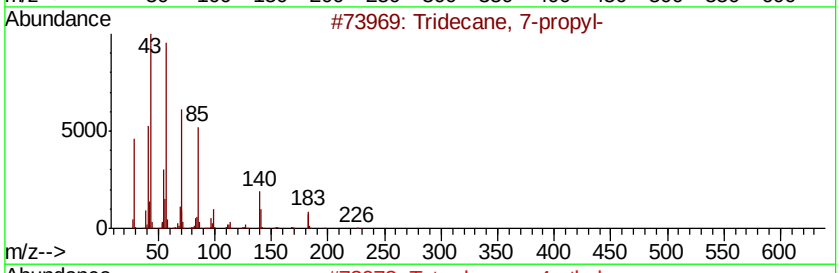
****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 55

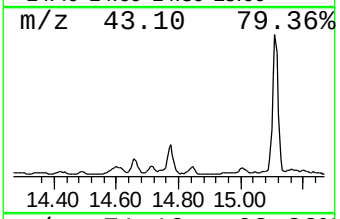
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	5.24 ng/ul	3104000	Acenaphthene-d10	14.23

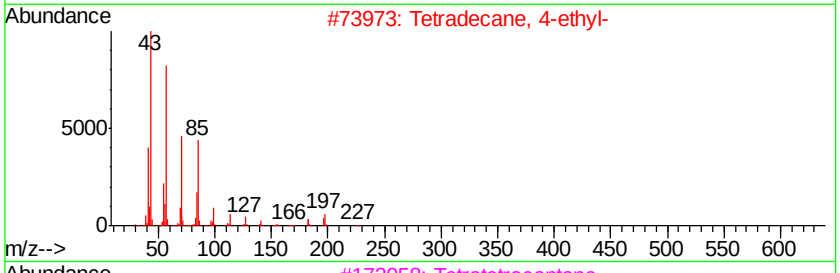
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	62
2	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	46
3	Tetratetracontane	619	C44H90	007098-22-8	46
4	Dodecane	170	C12H26	000112-40-3	46
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	46

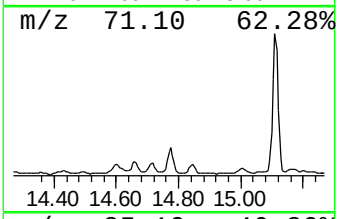


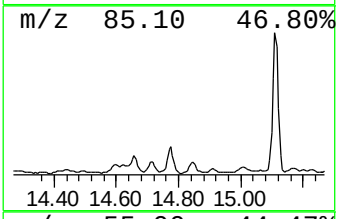


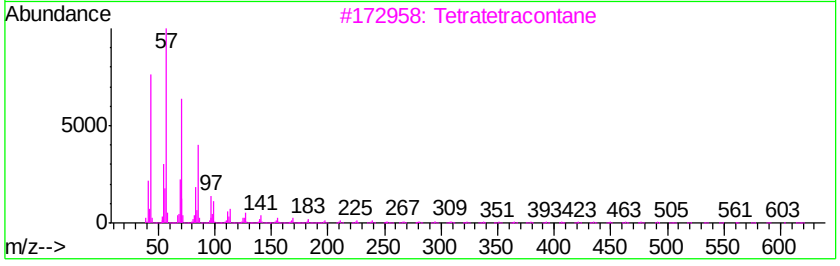


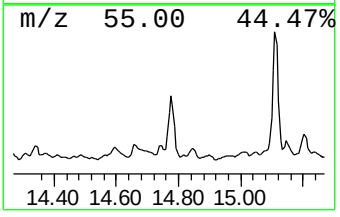












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Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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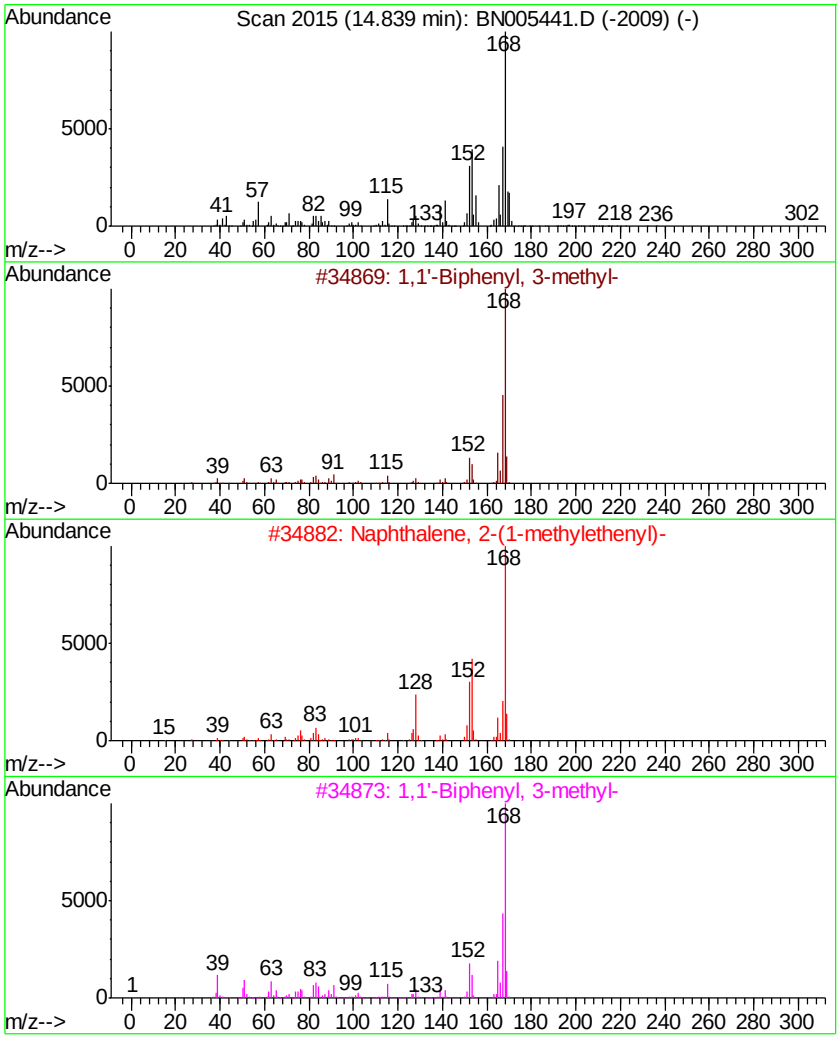
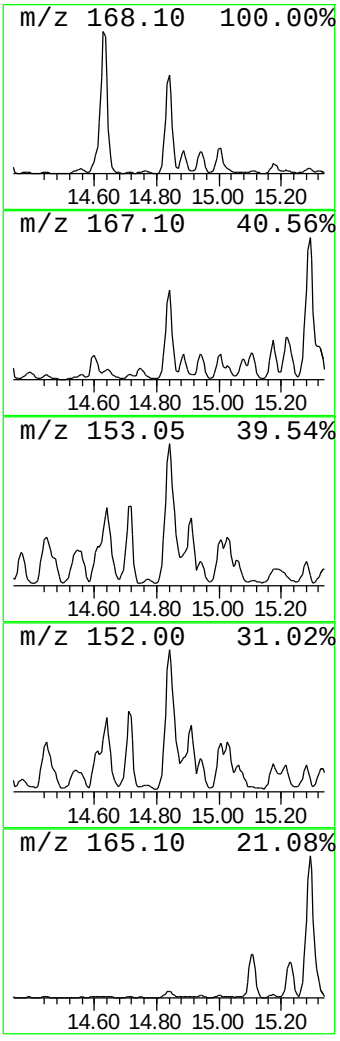
Peak Number 28 1,1'-Biphenyl, 3-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	17.87 ng/ul	10591900	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	62
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	58
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	53
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	52
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	47





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Acq On : 03 May 2019 06:31
Operator : JU/SJ
Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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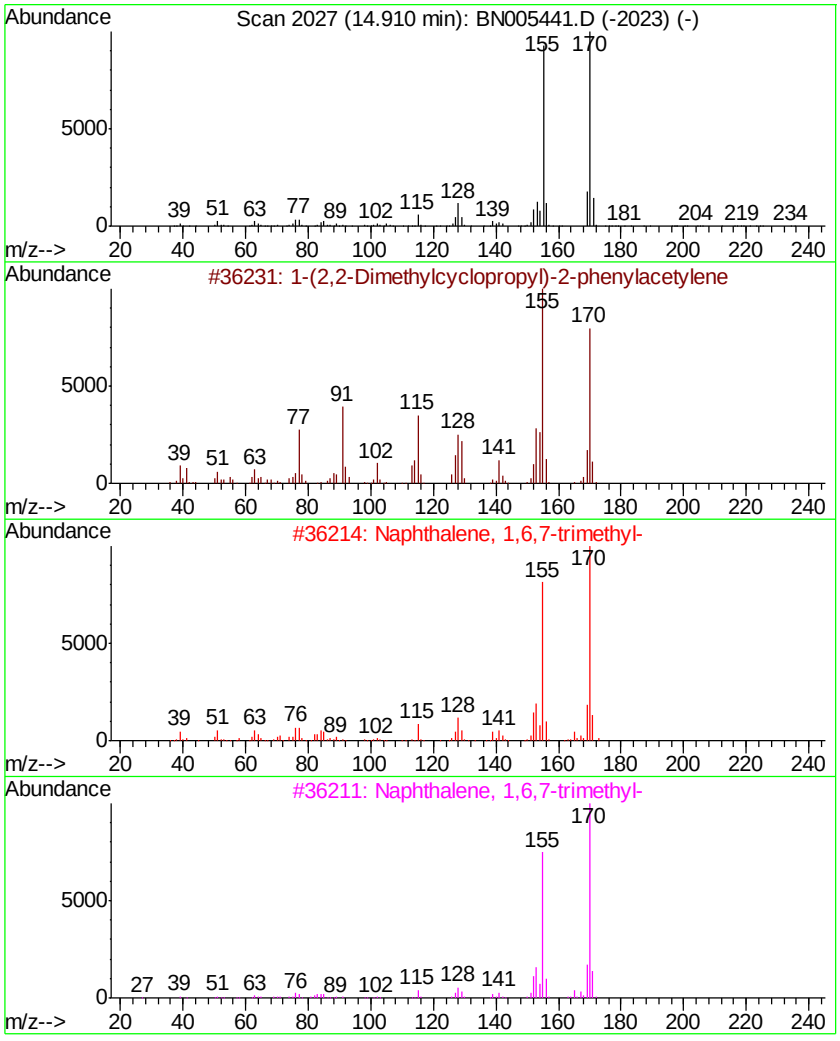
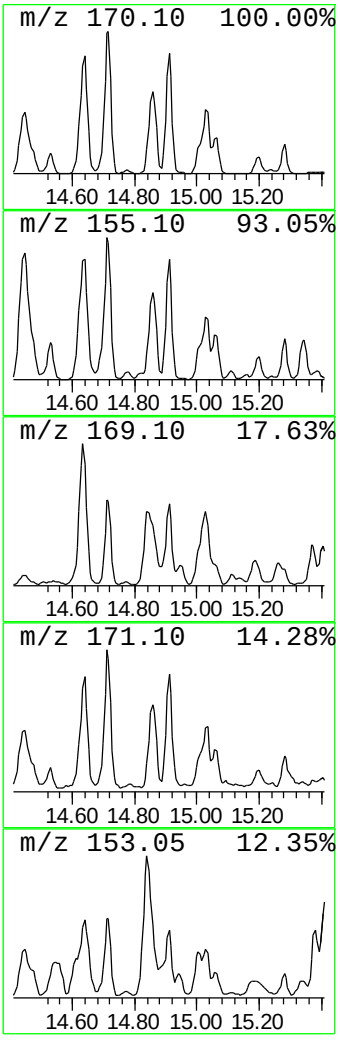
Peak Number 29 1-(2,2-Dimethylcyclopropyl)... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	6.39 ng/ul	3785990	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	87
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	81
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81





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Acq On : 03 May 2019 06:31
Operator : JU/SJ
Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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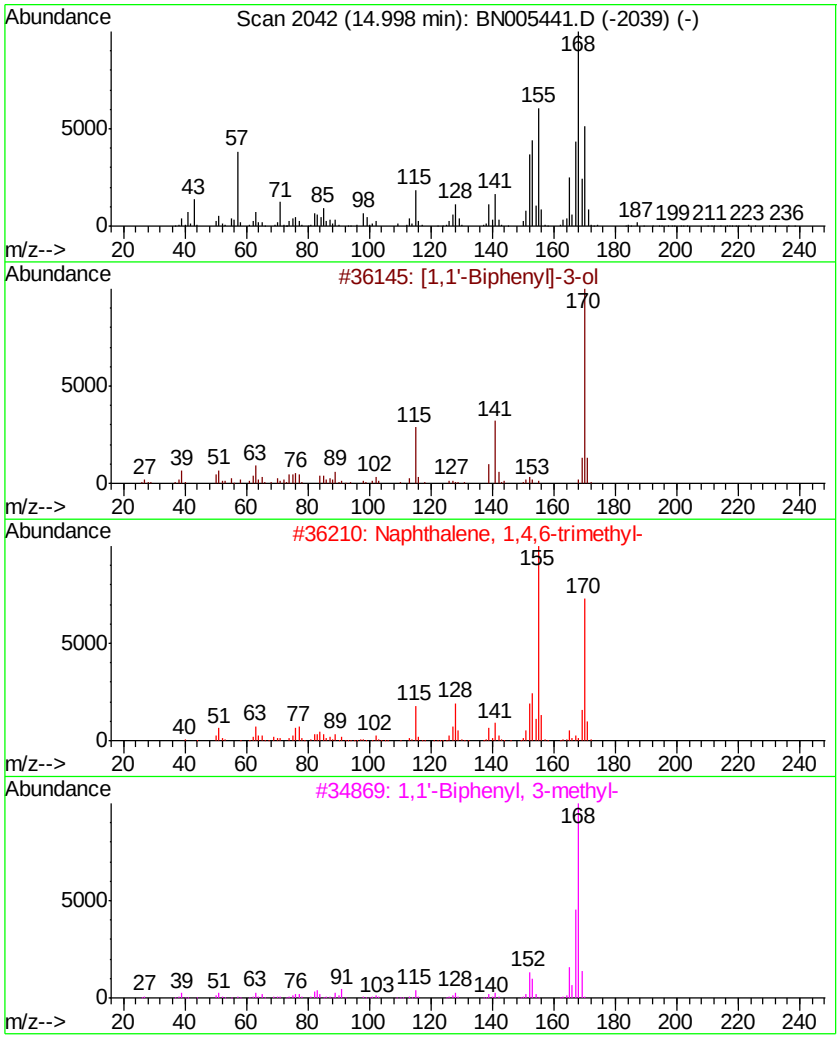
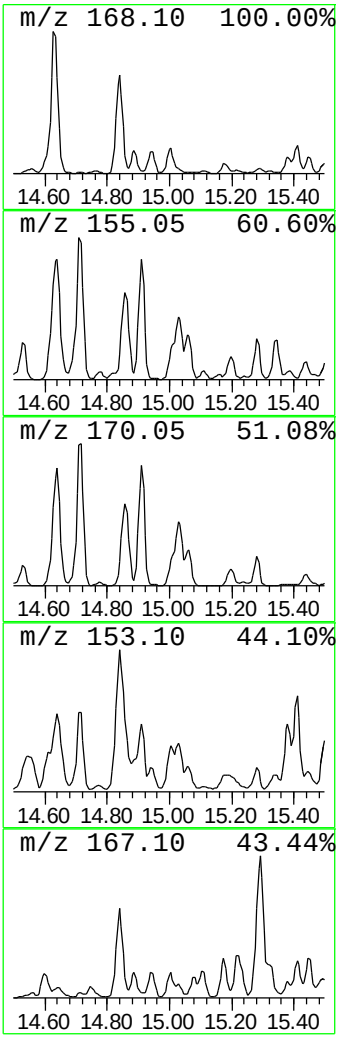
Peak Number 30 [1,1'-Biphenyl]-3-ol Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	4.80 ng/ul	2847680	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	53
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	46
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	46
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	45





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Operator : JU/SJ
Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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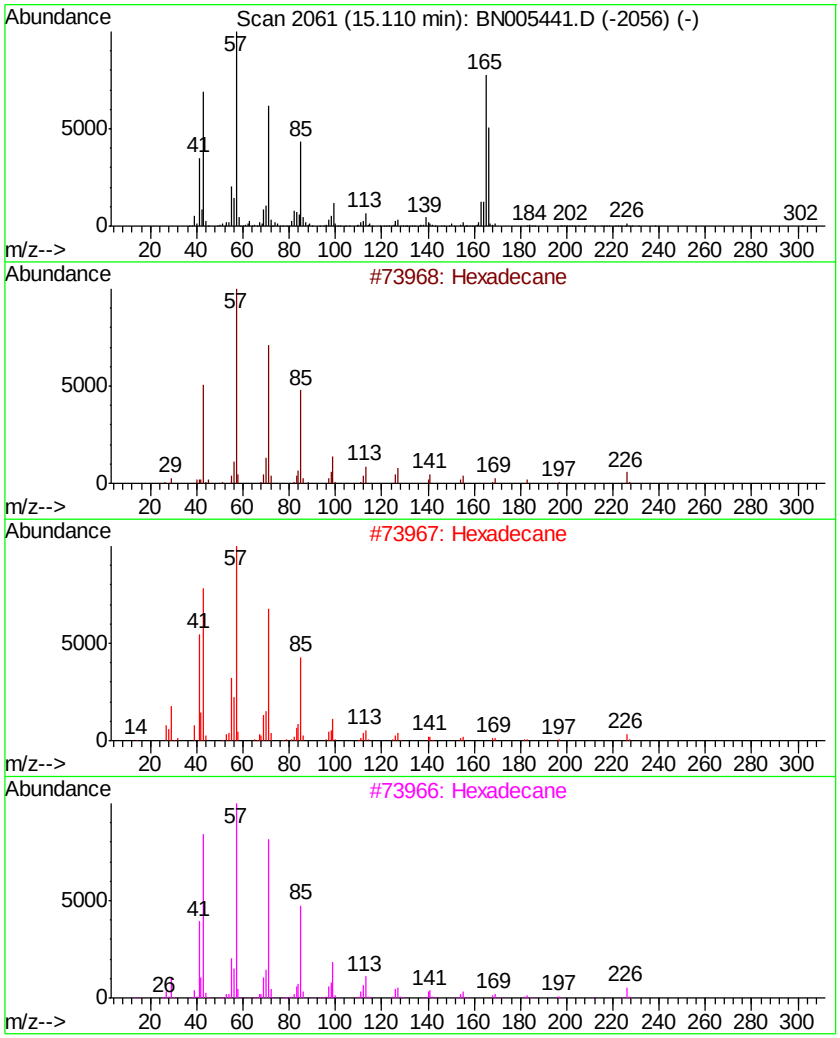
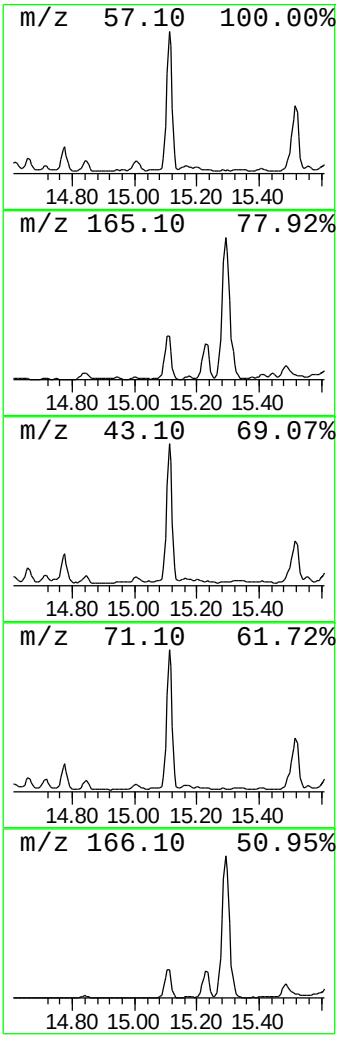
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	24.38 ng/ul	14448300	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	66
2	Hexadecane	226	C16H34	000544-76-3	64
3	Hexadecane	226	C16H34	000544-76-3	43
4	1H-Phenalene	166	C13H10	000203-80-5	43
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	42





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Acq On : 03 May 2019 06:31
Operator : JU/SJ
Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

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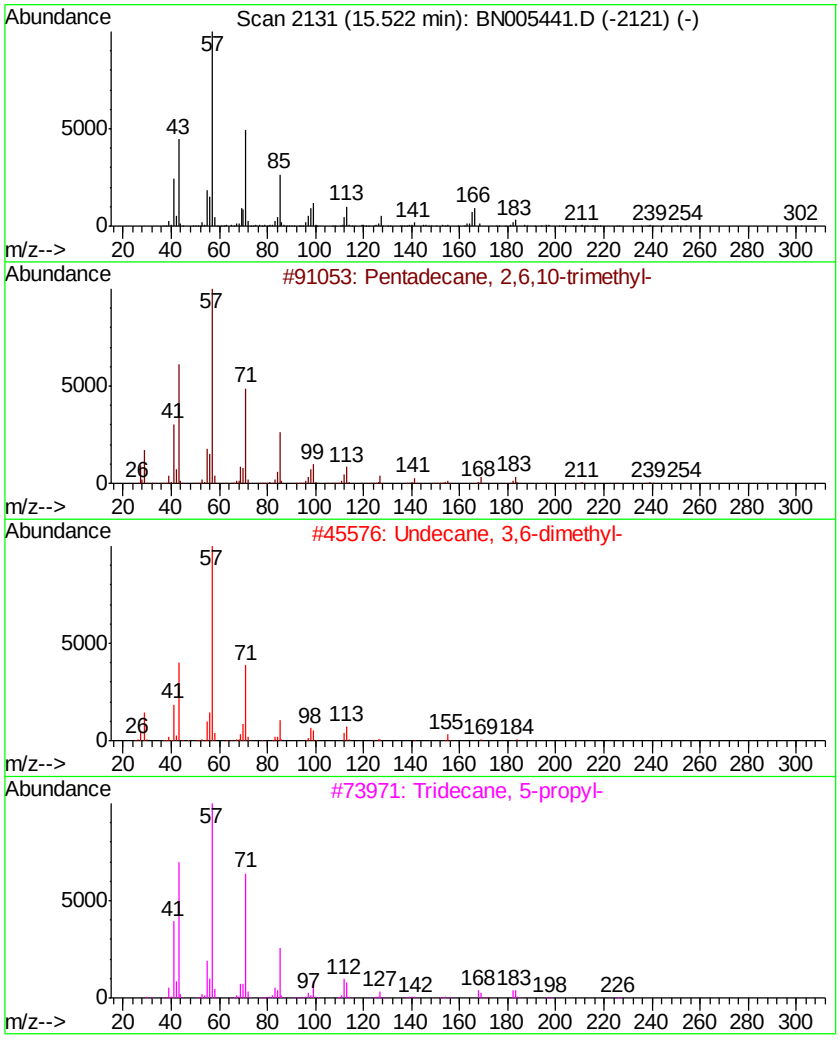
Quant Title : SVOA CALIBRATION

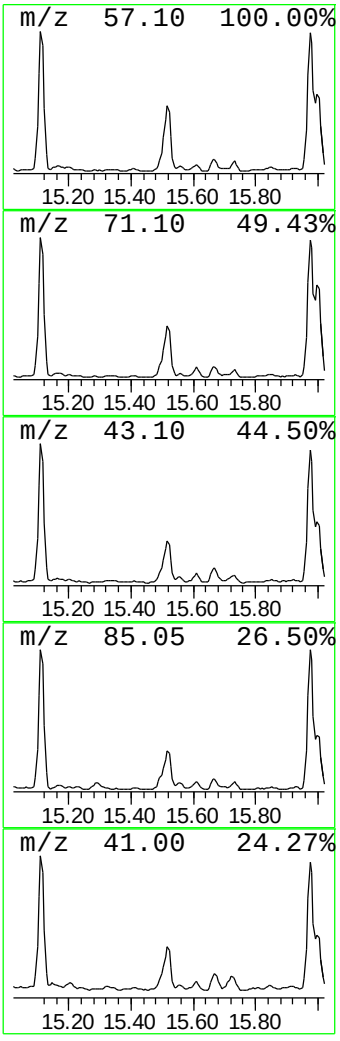
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	13.13 ng/ul	7781780	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	68
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	62
4	Hexacosane	366	C26H54	000630-01-3	58
5	Heptacosane	380	C27H56	000593-49-7	53





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Acq On : 03 May 2019 06:31
Operator : JU/SJ
Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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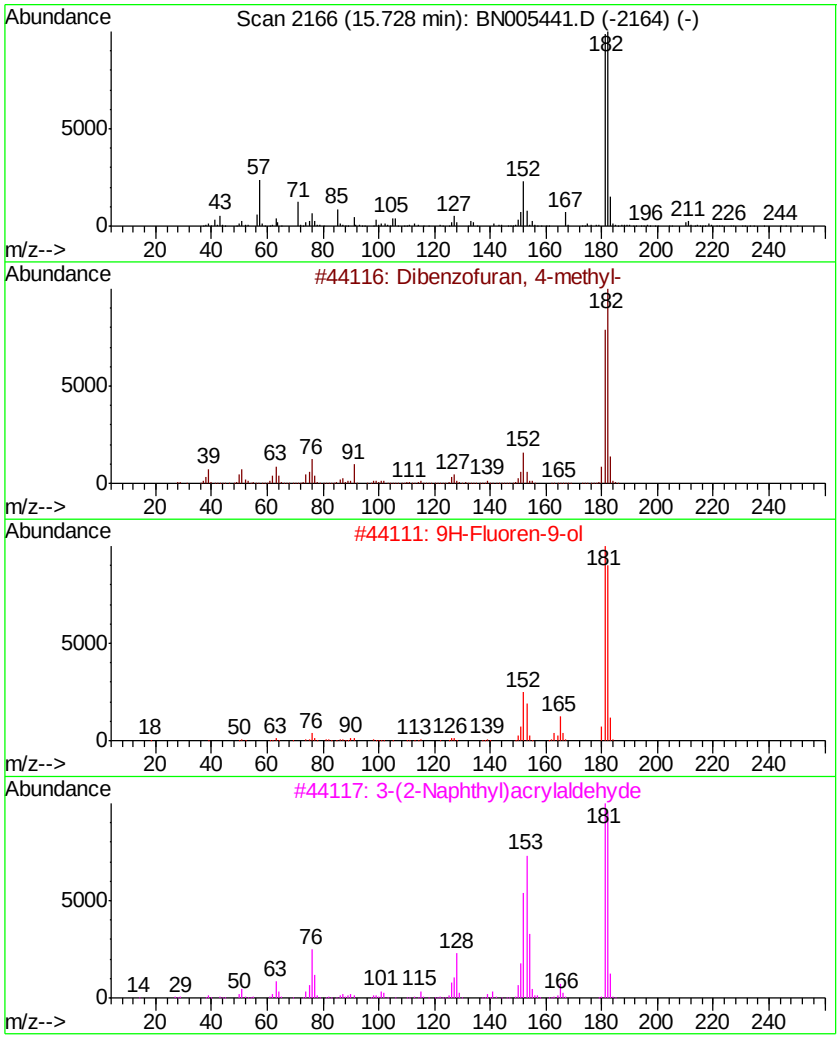
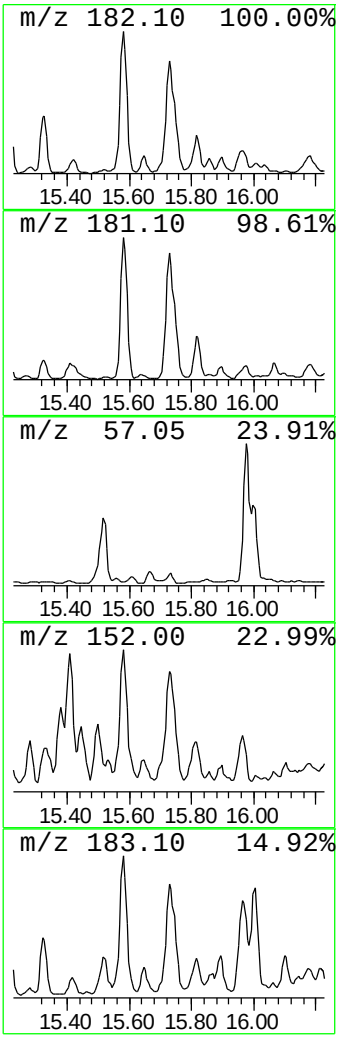
Peak Number 35 Dibenzofuran, 4-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	18.38 ng/ul	4462960	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	64





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Operator : JU/SJ
Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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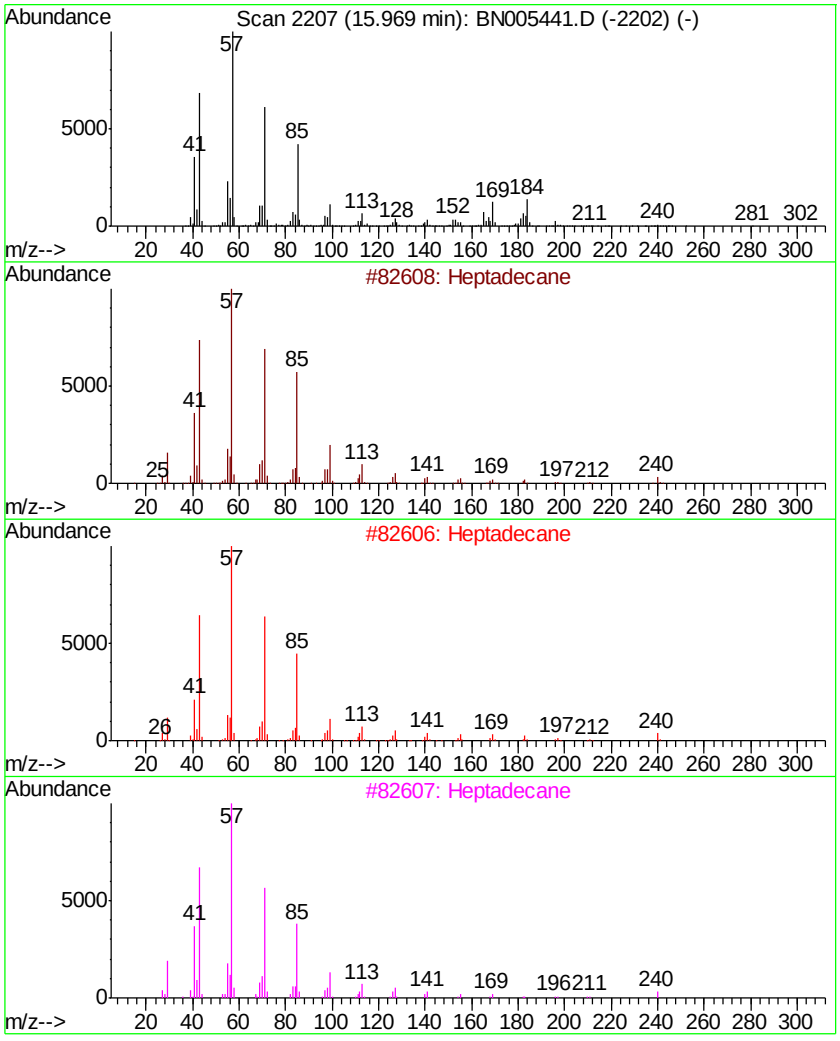
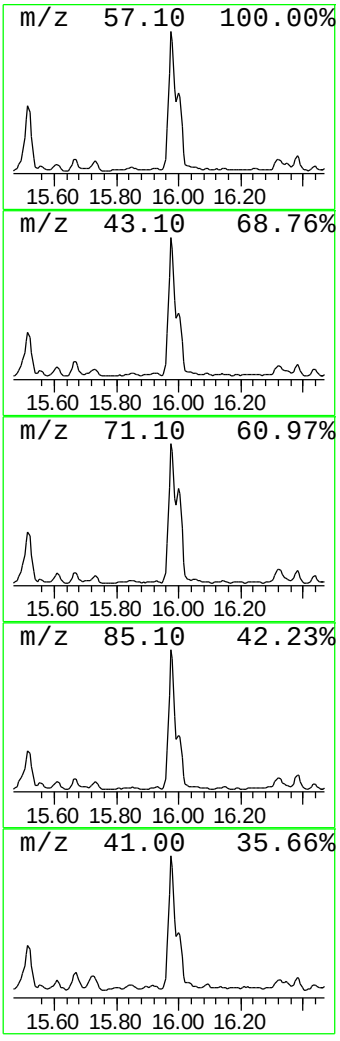
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	52.81 ng/ul	12822300	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heptadecane	240	C17H36	000629-78-7	95
3	Heptadecane	240	C17H36	000629-78-7	94
4	Tridecane	184	C13H28	000629-50-5	93
5	Heptacosane	380	C27H56	000593-49-7	87





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Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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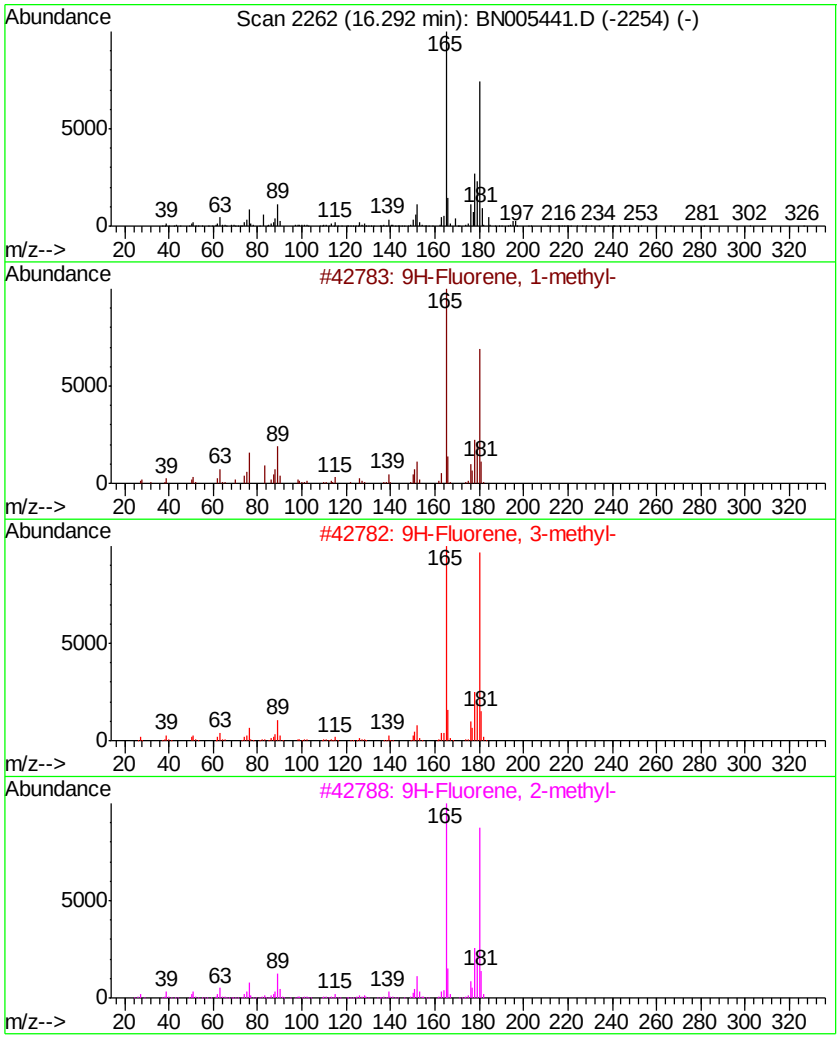
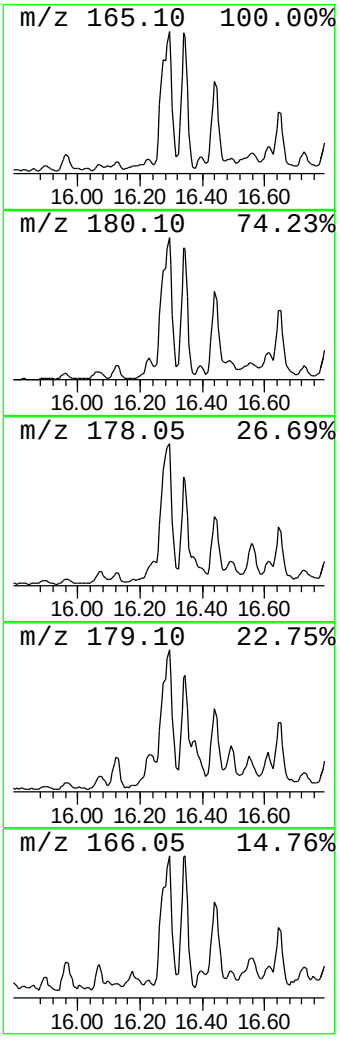
Peak Number 37 9H-Fluorene, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	33.93 ng/ul	8238290	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81





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Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

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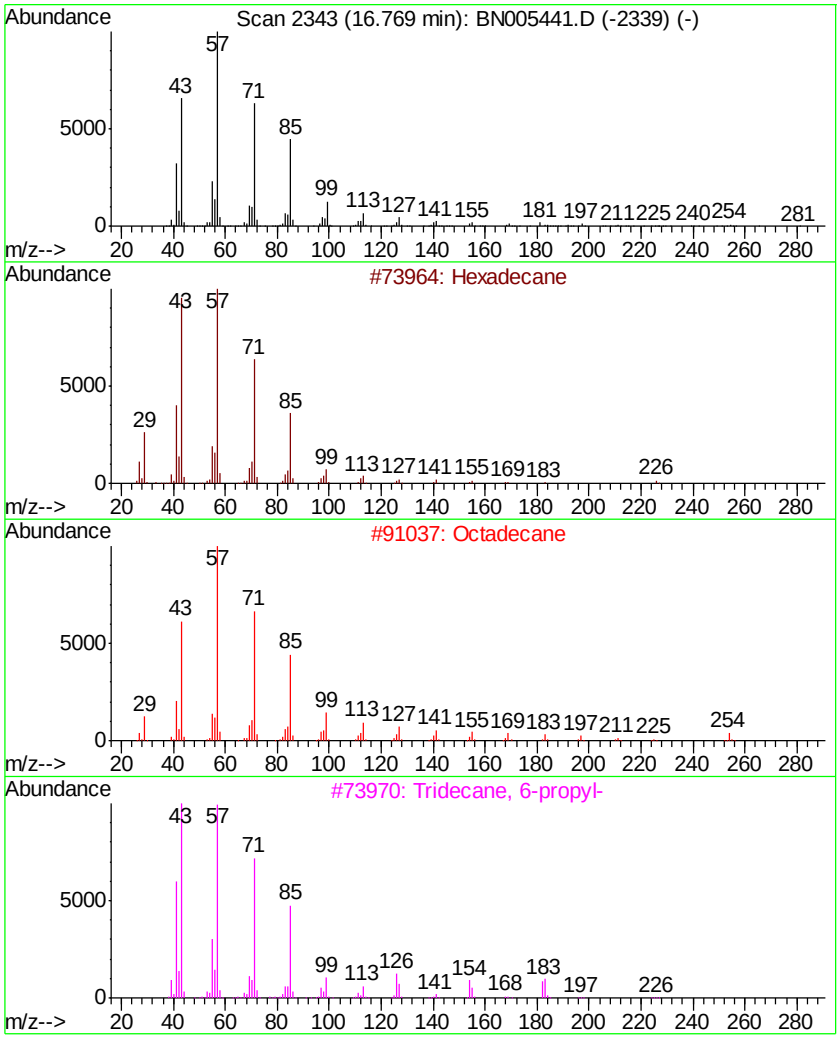
Quant Title : SVOA CALIBRATION

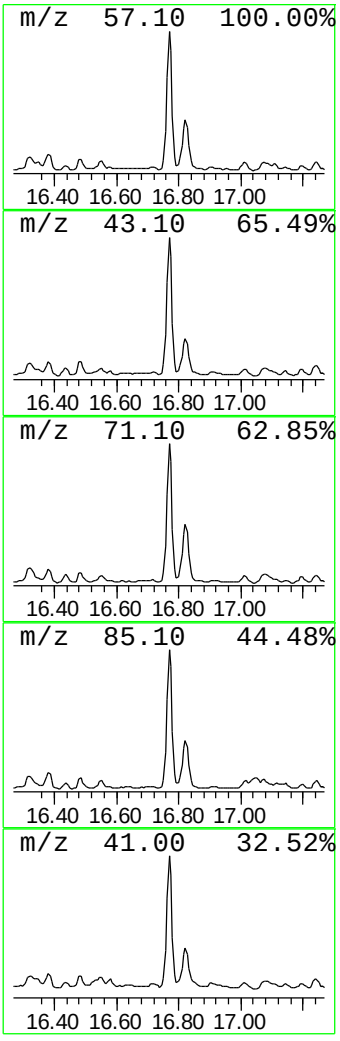
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	37.07 ng/ul	9001760	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Octadecane	254	C18H38	000593-45-3	94
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
5	Heptadecane	240	C17H36	000629-78-7	91





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Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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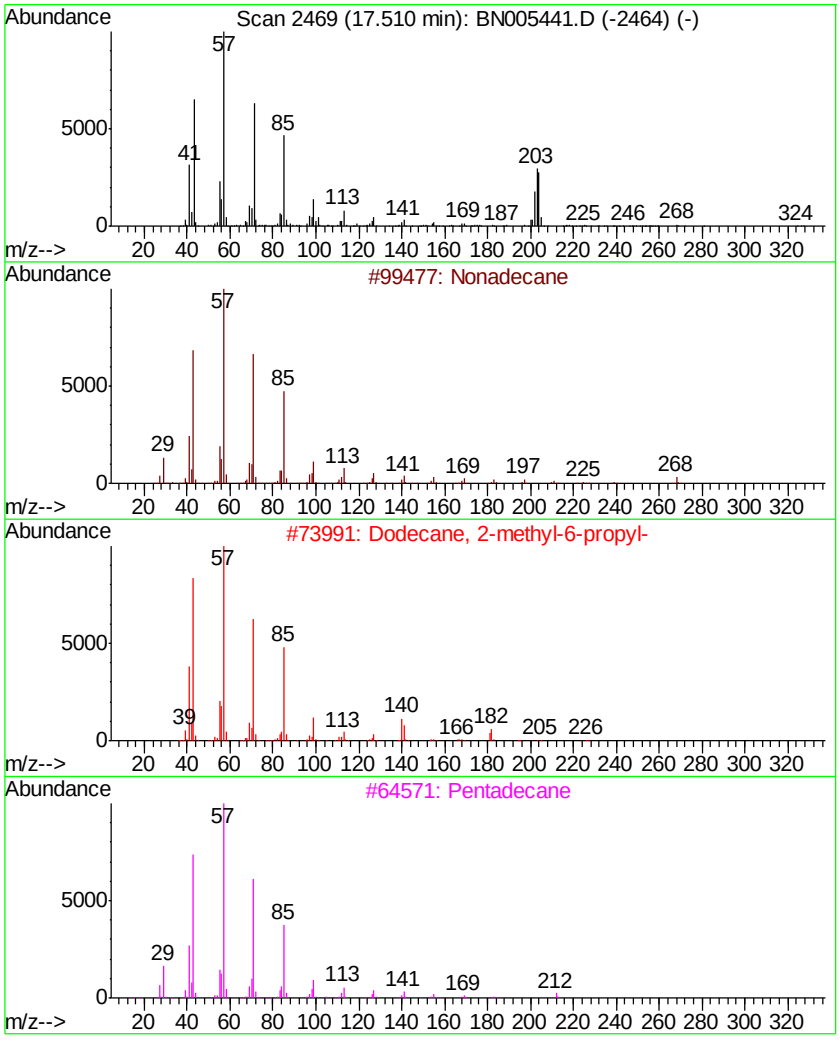
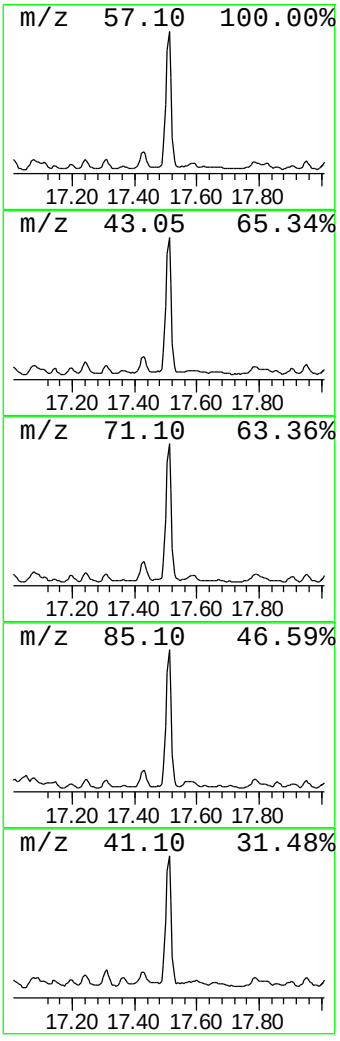
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	34.15 ng/ul	8291790	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	60
3	Pentadecane	212	C15H32	000629-62-9	53
4	Eicosane	282	C20H42	000112-95-8	53
5	Pentadecane	212	C15H32	000629-62-9	53





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Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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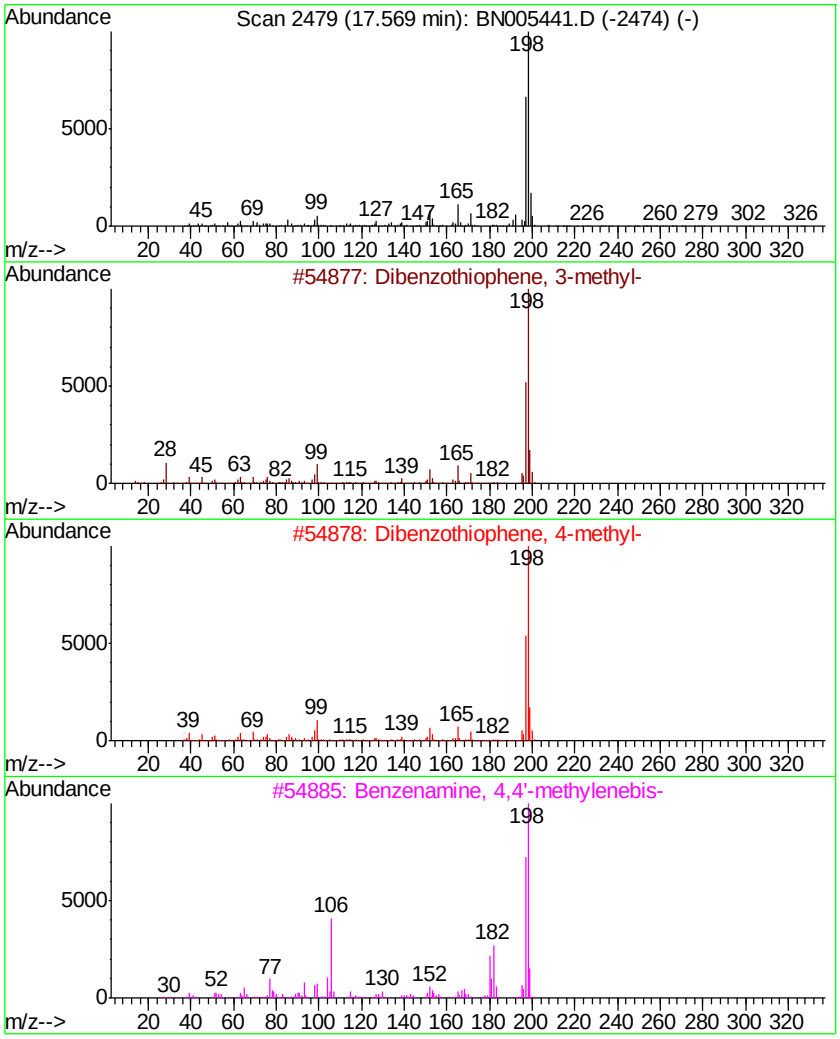
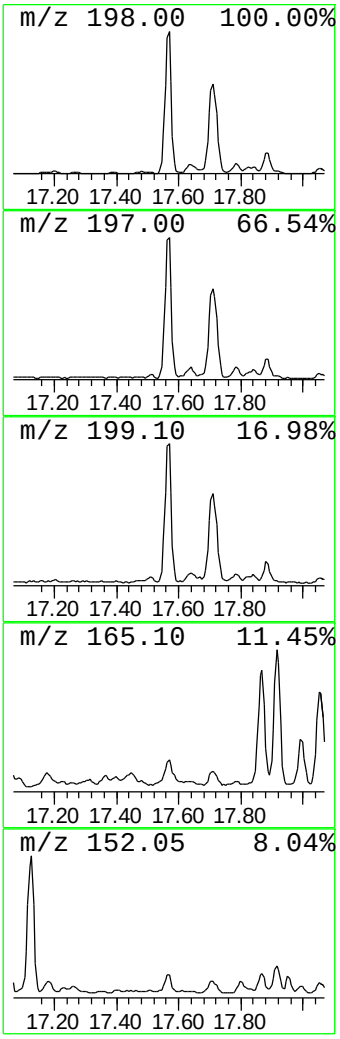
Peak Number 46 Dibenzothiophene, 4-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	12.32 ng/ul	2991900	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64
4	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	64
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	58





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Sample : K2603-17 10X
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ClientSampleId : GAJ69

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 47 Dibenzothiophene, 3-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	11.11 ng/ul	2697040	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	97
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	96
3	O,O,O-Triethyl thiophosphate	198	C6H15O3PS	000126-68-1	86
4	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	80
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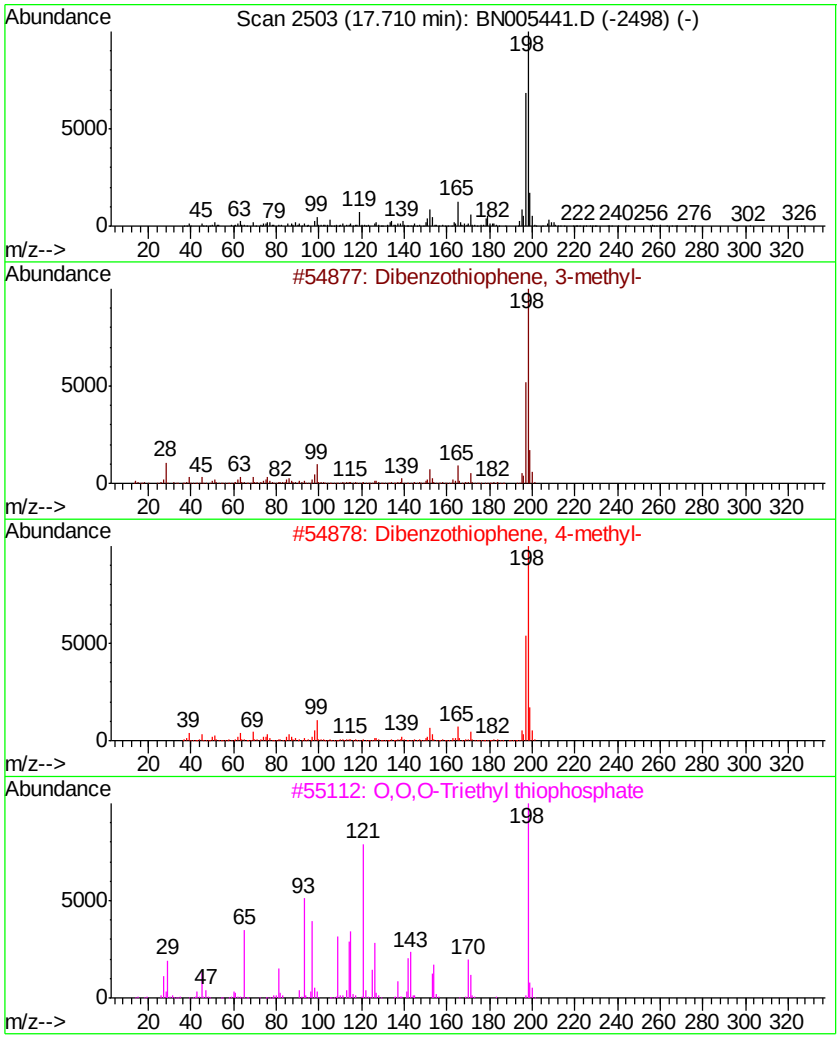

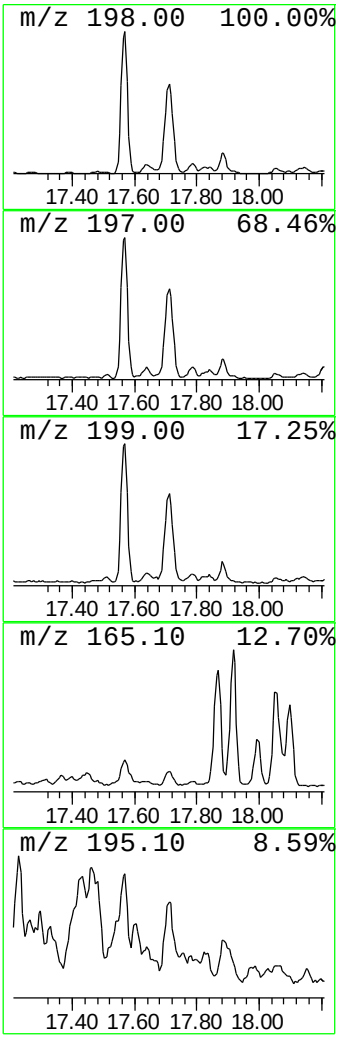

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Sample : K2603-17 10X
Misc :
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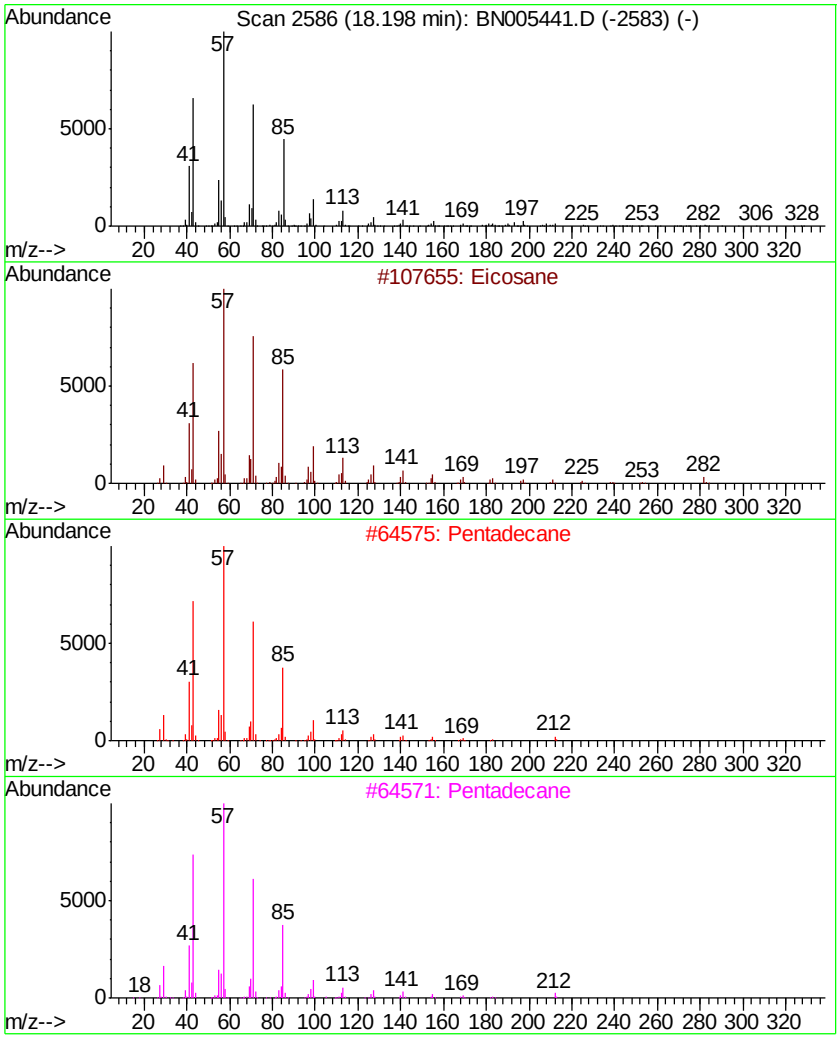
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

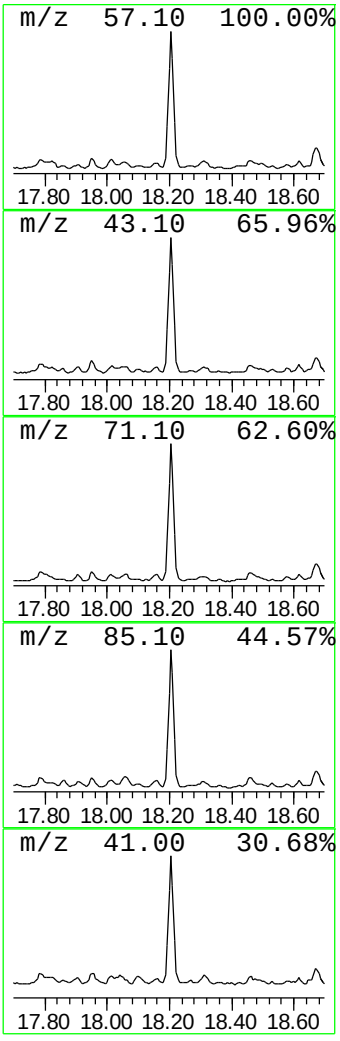
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	25.32 ng/ul	6147940	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Pentadecane	212	C15H32	000629-62-9	96
3	Pentadecane	212	C15H32	000629-62-9	94
4	Nonadecane	268	C19H40	000629-92-5	94
5	Octadecane	254	C18H38	000593-45-3	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005441.D
Acq On : 03 May 2019 06:31
Operator : JU/SJ
Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

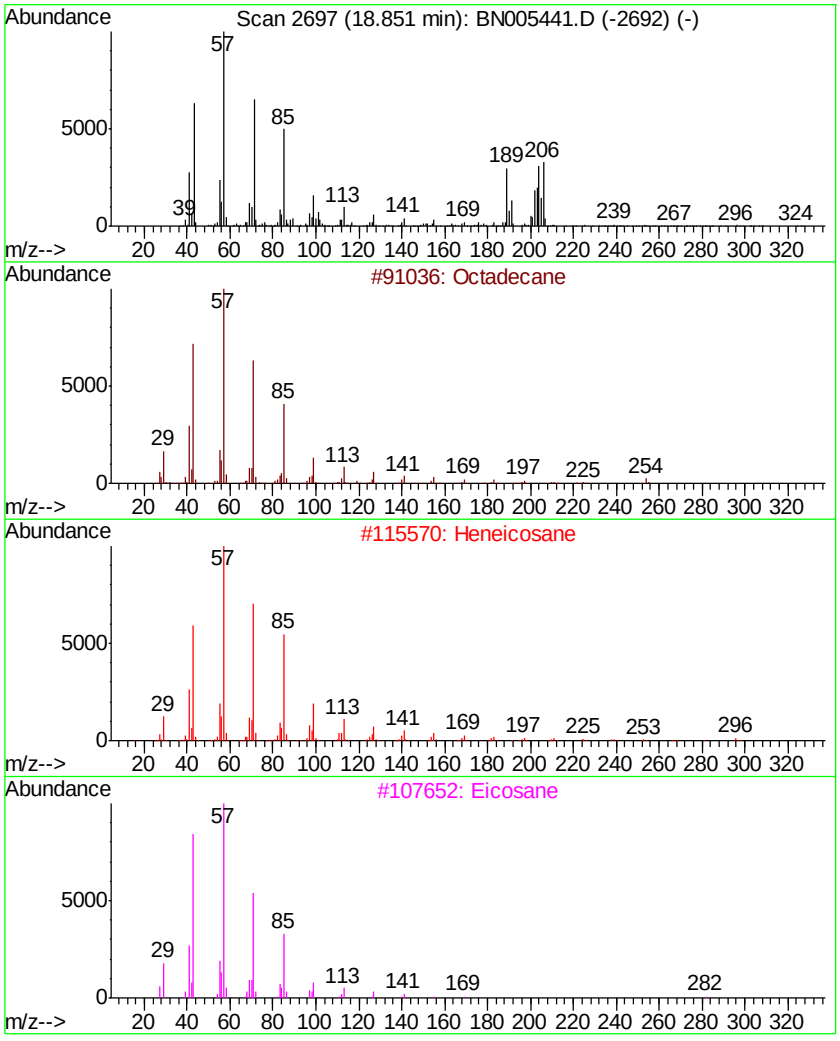
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

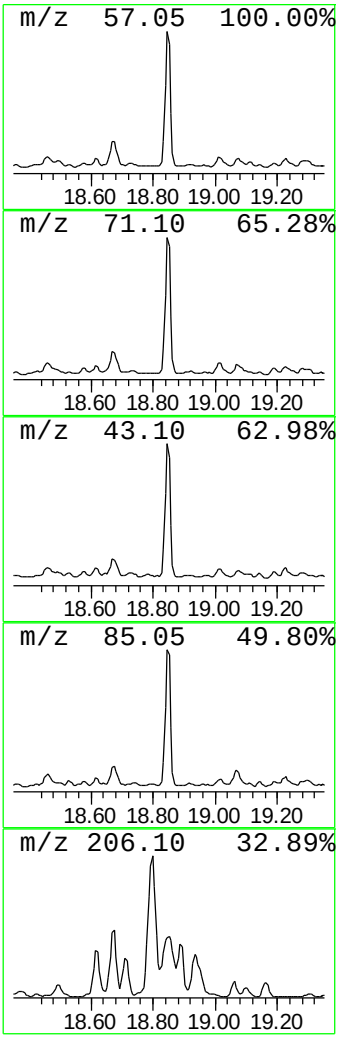
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	33.65 ng/ul	8169150	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	87
2	Heneicosane	296	C21H44	000629-94-7	46
3	Eicosane	282	C20H42	000112-95-8	41
4	Nonacosane	408	C29H60	000630-03-5	41
5	Hexadecane	226	C16H34	000544-76-3	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005441.D
Acq On : 03 May 2019 06:31
Operator : JU/SJ
Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

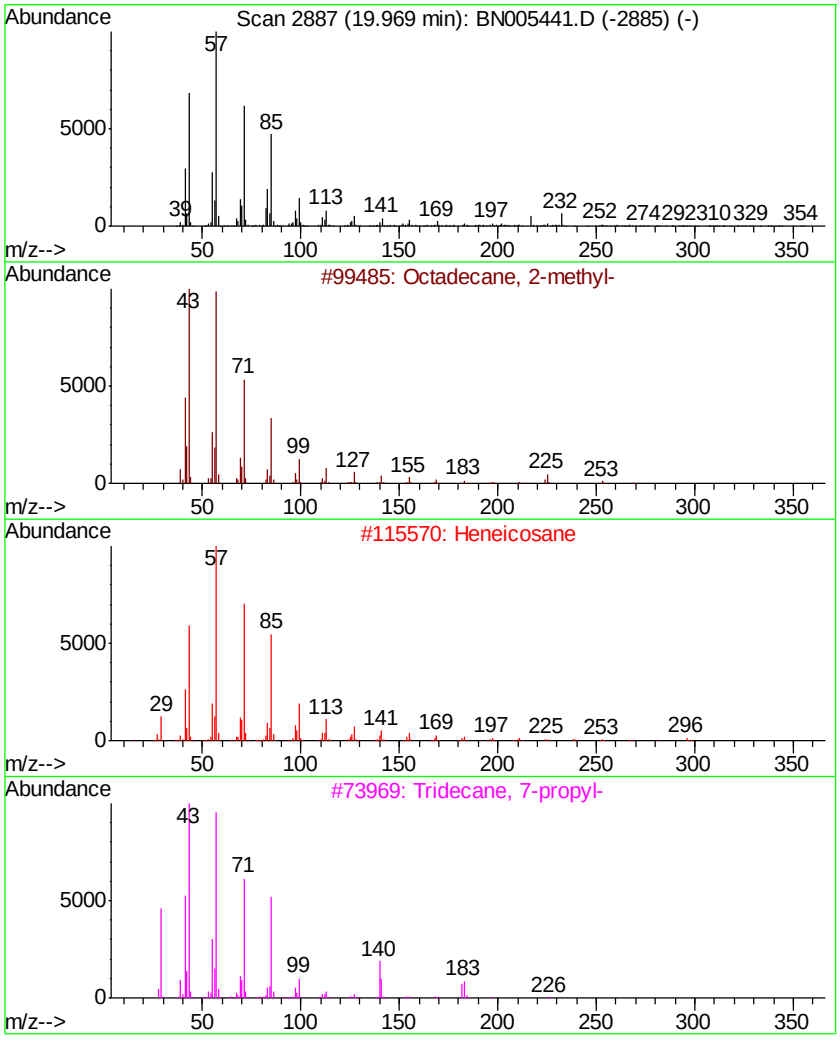
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

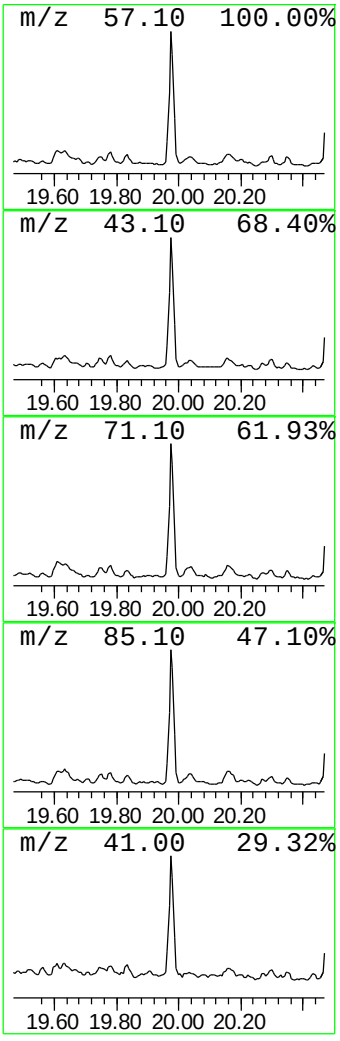
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	3.63 ng/ul	3149620	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	89
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	87
5	Pentadecane	212	C15H32	000629-62-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005441.D
Acq On : 03 May 2019 06:31
Operator : JU/SJ
Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

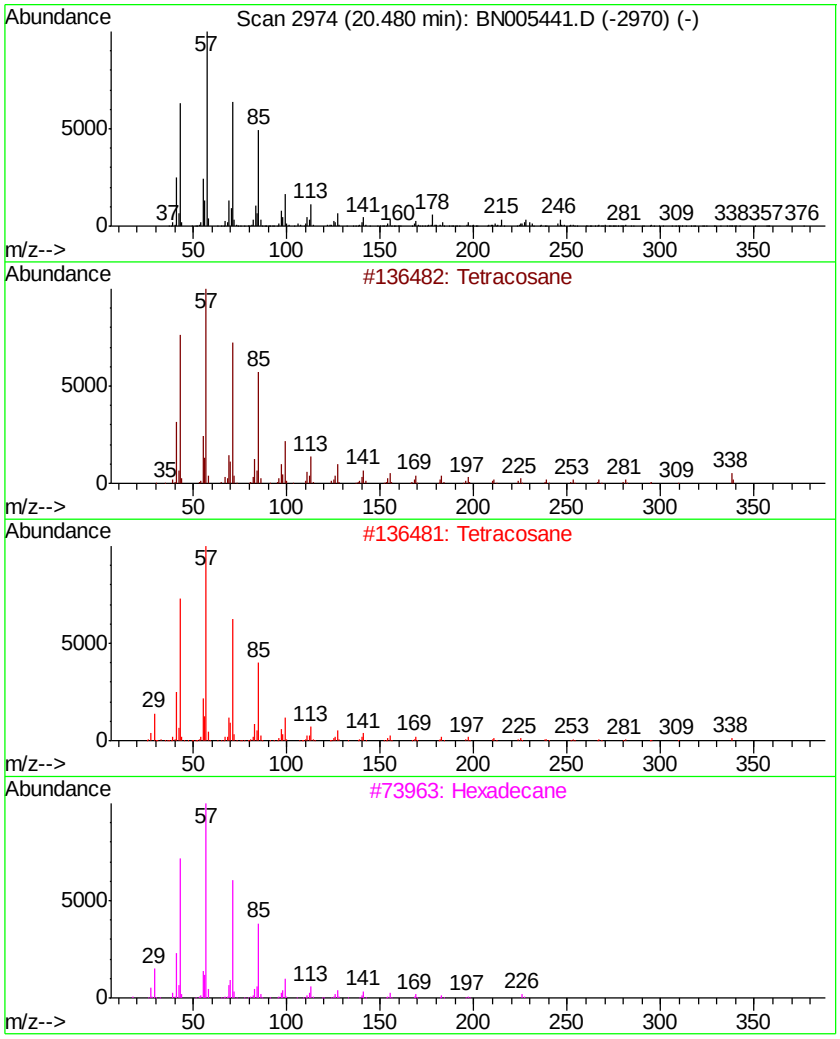
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

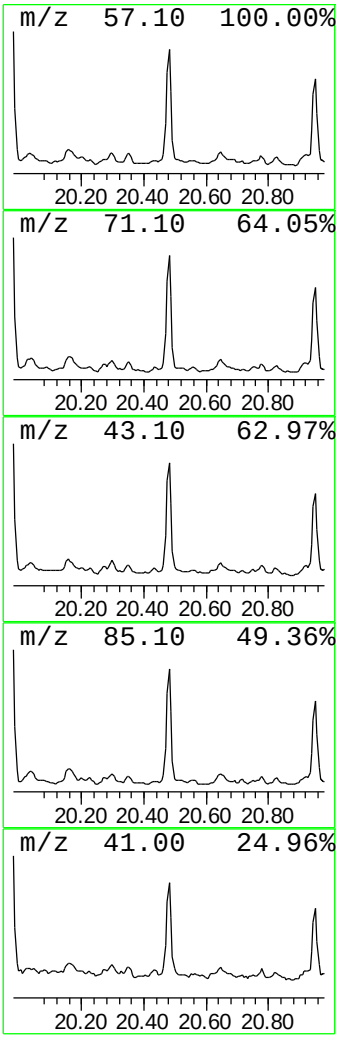
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.48	2.35 ng/ul	2038640	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Tetracosane	338	C24H50	000646-31-1	96
3	Hexadecane	226	C16H34	000544-76-3	93
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
5	Heneicosane	296	C21H44	000629-94-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005441.D
Acq On : 03 May 2019 06:31
Operator : JU/SJ
Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

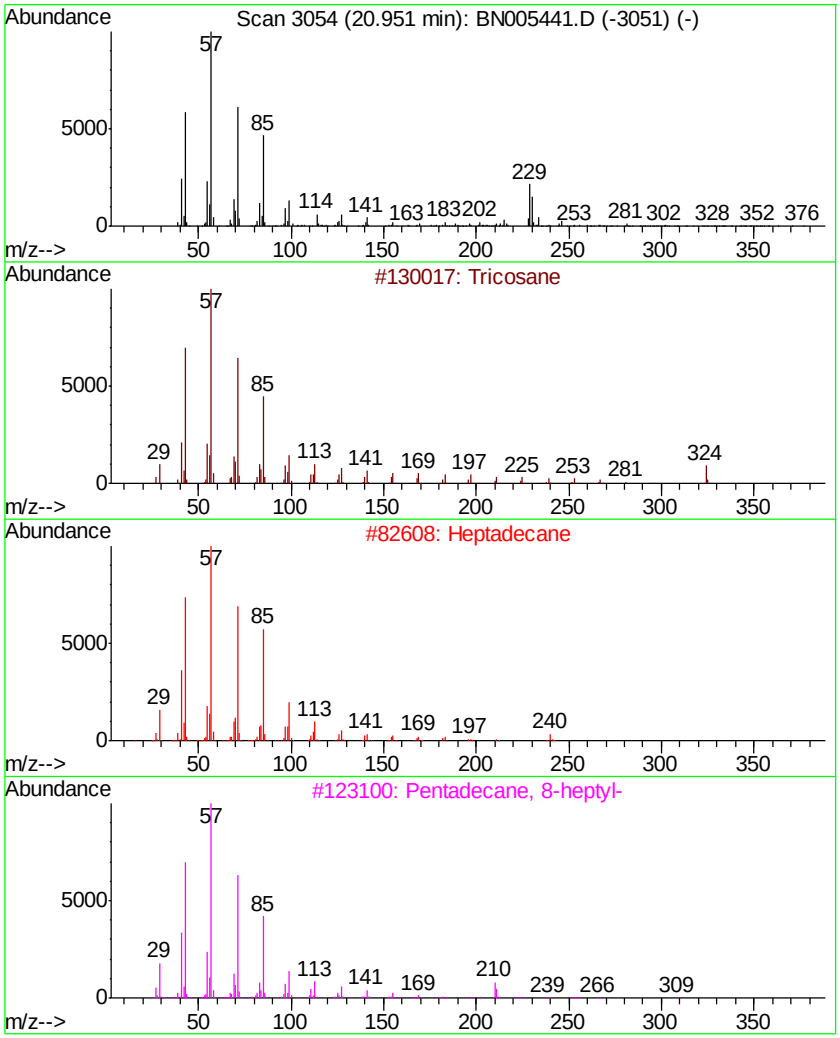
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

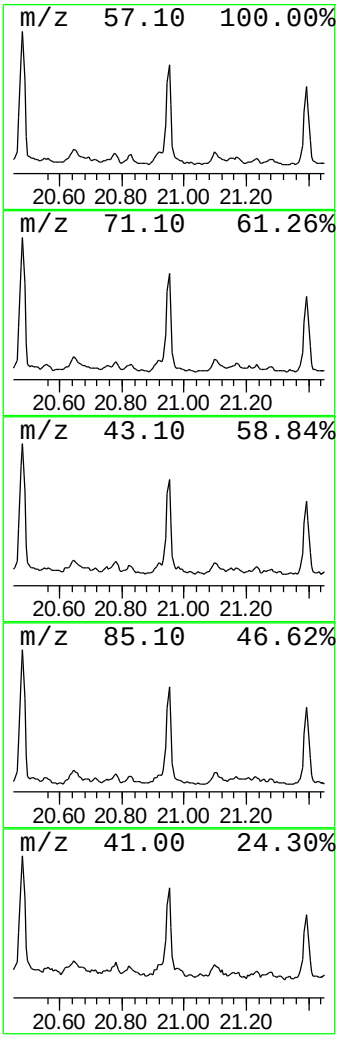
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	3.54 ng/ul	3073720	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	62
2	Heptadecane	240	C17H36	000629-78-7	62
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	58
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	58
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
Data File : BN005441.D
Acq On : 03 May 2019 06:31
Operator : JU/SJ
Sample : K2603-17 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-dime...	5.29	38.1	ng/ul	4635830	1	7.59	2432230	20.0
Benzene, 1-propenyl-	7.25	87.3	ng/ul	10618400	1	7.59	2432230	20.0
Benzene, 1-etheny...	7.33	19.9	ng/ul	2417020	1	7.59	2432230	20.0
Indene	8.12	152.1	ng/ul	18501300	1	7.59	2432230	20.0
3-Phenylbut-1-ene	8.68	16.7	ng/ul	2034930	1	7.59	2432230	20.0
(DEL) Alkane: Str...	8.82	27.6	ng/ul	3358250	1	7.59	2432230	20.0
1,4-Dihydronaphth...	9.79	19.1	ng/ul	10336700	2	10.36	10809400	20.0
2-Methylindene	9.86	11.4	ng/ul	6183800	2	10.36	10809400	20.0
Benzene, 1-methyl...	9.90	4.1	ng/ul	2206900	2	10.36	10809400	20.0
Cyclopenta[c]thia...	10.53	7.4	ng/ul	4021470	2	10.36	10809400	20.0
(DEL) Alkane: Str...	11.29	4.3	ng/ul	2339010	2	10.36	10809400	20.0
(DEL) Alkane: Str...	11.39	10.4	ng/ul	5604050	2	10.36	10809400	20.0
1H-Indene, 1,3-di...	11.55	4.4	ng/ul	2394320	2	10.36	10809400	20.0
(DEL) Alkane: Str...	11.81	21.4	ng/ul	11556700	2	10.36	10809400	20.0
Naphthalene, 1-me...	12.26	77.9	ng/ul	42101300	2	10.36	10809400	20.0
(DEL) Alkane: Cyc...	12.49	4.0	ng/ul	2346080	3	14.23	11853800	20.0
(DEL) Alkane: Str...	12.63	3.5	ng/ul	2093660	3	14.23	11853800	20.0
(DEL) Alkane: Str...	12.77	4.9	ng/ul	2885700	3	14.23	11853800	20.0
Naphthalene, 1-et...	13.25	19.1	ng/ul	11292000	3	14.23	11853800	20.0
Naphthalene, 2,6-...	13.39	25.8	ng/ul	15283600	3	14.23	11853800	20.0
Naphthalene, 2,3-...	13.56	45.5	ng/ul	26958300	3	14.23	11853800	20.0
(DEL) Alkane: Str...	13.73	5.6	ng/ul	3313460	3	14.23	11853800	20.0
Naphthalene, 1,7-...	13.79	19.7	ng/ul	11686200	3	14.23	11853800	20.0
(DEL) Alkane: Str...	14.15	20.1	ng/ul	11944900	3	14.23	11853800	20.0
Naphthalene, 2,3,...	14.71	9.3	ng/ul	5540190	3	14.23	11853800	20.0
(DEL) Alkane: Str...	14.77	5.2	ng/ul	3104000	3	14.23	11853800	20.0
1,1'-Biphenyl, 3-...	14.84	17.9	ng/ul	10591900	3	14.23	11853800	20.0
1-(2,2-Dimethylcy...	14.91	6.4	ng/ul	3785990	3	14.23	11853800	20.0
[1,1'-Biphenyl]-3-ol	15.00	4.8	ng/ul	2847680	3	14.23	11853800	20.0
(DEL) Alkane: Str...	15.11	24.4	ng/ul	14448300	3	14.23	11853800	20.0
(DEL) Alkane: Str...	15.52	13.1	ng/ul	7781780	3	14.23	11853800	20.0
Dibenzofuran, 4-m...	15.73	18.4	ng/ul	4462960	4	16.99	4856080	20.0
(DEL) Alkane: Str...	15.97	52.8	ng/ul	12822300	4	16.99	4856080	20.0
9H-Fluorene, 3-me...	16.29	33.9	ng/ul	8238290	4	16.99	4856080	20.0
(DEL) Alkane: Str...	16.77	37.1	ng/ul	9001760	4	16.99	4856080	20.0
(DEL) Alkane: Str...	17.51	34.1	ng/ul	8291790	4	16.99	4856080	20.0
Dibenzothiophene,...	17.57	12.3	ng/ul	2991900	4	16.99	4856080	20.0
Dibenzothiophene,...	17.71	11.1	ng/ul	2697040	4	16.99	4856080	20.0
(DEL) Alkane: Str...	18.20	25.3	ng/ul	6147940	4	16.99	4856080	20.0
(DEL) Alkane: Str...	18.85	33.6	ng/ul	8169150	4	16.99	4856080	20.0
(DEL) Alkane: Str...	19.97	3.6	ng/ul	3149620	5	21.22	17353400	20.0
(DEL) Alkane: Str...	20.48	2.4	ng/ul	2038640	5	21.22	17353400	20.0
(DEL) Alkane: Str...	20.95	3.5	ng/ul	3073720	5	21.22	17353400	20.0