LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005338.D
Acq On : 27 Apr 2019 03:58
Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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	7.593	775	783	791	rBV	1448857	2337435	6.64%	0.400%
2	10.352	1242	1252	1257	rVV	4360596	7308996	20.77%	1.250%
3	10.405	1257	1261	1271	rVV	1833575	3186382	9.06%	0.545%
4	10.534	1278	1283	1288	rVV	981610	1486852	4.23%	0.254%
5	11.399	1424	1430	1439	rBV	1543988	2990730	8.50%	0.512%
6	11.804	1491	1499	1505	rBV	5172187	8161972	23.20%	1.396%
7	12.022	1527	1536	1545	rVB2	2611910	5006393	14.23%	0.856%
8	12.246	1569	1574	1579	rVV	1546370	2506661	7.12%	0.429%
9	12.493	1612	1616	1623	rVB2	717623	1390149	3.95%	0.238%
10	12.634	1635	1640	1650	rBV	875486	1581218	4.49%	0.270%
11	12.775	1659	1664	1668	rBV	2133203	2771678	7.88%	0.474%
12	13.069	1705	1714	1722	rBV	7367529	12399012	35.24%	2.121%
13	13.381	1762	1767	1770	rBV	1276790	2214044	6.29%	0.379%
14	13.546	1790	1795	1800	rBV	1798244	2891692	8.22%	0.495%
15	13.598	1800	1804	1808	rVV2	1484054	2141490	6.09%	0.366%
16	13.681	1814	1818	1822	rVV	1608294	2845049	8.09%	0.487%
17	13.734	1823	1827	1831	rVV2	2706993	3904884	11.10%	0.668%
18	13.781	1831	1835	1839	rVB2	1644256	2360890	6.71%	0.404%
19	13.945	1858	1863	1871	rVB	6808654	10029200	28.50%	1.715%
20	14.157	1893	1899	1903	rBV	8951242	11749690	33.39%	2.010%
21	14.228	1903	1911	1916	rVV3	3379818	6229308	17.70%	1.065%
22	14.710	1990	1993	1997	rVB2	1287358	1684990	4.79%	0.288%
23	14.781	2001	2005	2010	rVB	2161141	2995408	8.51%	0.512%
24	14.845	2010	2016	2022	rBV3	1720318	3672435	10.44%	0.628%
25	15.022	2040	2046	2049	rBV4	749094	1695182	4.82%	0.290%
26	15.116	2056	2062	2066	rVB2	8763197	11548949	32.82%	1.975%
27	15.281	2086	2090	2096	rBV	2441612	4507052	12.81%	0.771%
28	15.522	2124	2131	2135	rVB	3762836	6414845	18.23%	1.097%
29	15.616	2144	2147	2152	rVB4	939166	1408981	4.00%	0.241%
30	15.675	2153	2157	2162	rVV3	1017859	2020965	5.74%	0.346%
31	15.734	2162	2167	2173	rVB4	1364596	2748406	7.81%	0.470%
32	15.981	2202	2209	2212	rBV	8465870	13334144	37.90%	2.281%
33	16.292	2256	2262	2265	rBV2	1118129	2193183	6.23%	0.375%
34	16.439	2283	2287	2292	rVB3	1328589	1688933	4.80%	0.289%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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

35	16.557	2304	2307	2314	rVB3	1172992	2265804	6.44%	0.388%
36	16.775	2339	2344	2348	rBV	7381363	9546810	27.13%	1.633%
37	16.828	2349	2353	2363	rVB	3437612	5575654	15.85%	0.954%
38	16.981	2375	2379	2383	rBV2	3359935	5235017	14.88%	0.895%
39	17.028	2383	2387	2392	rVB	8771351	11918952	33.87%	2.039%
40	17.116	2398	2402	2407	rVB	5493995	7334583	20.85%	1.254%
41	17.516	2465	2470	2474	rVB2	7314636	9073303	25.79%	1.552%
42	17.569	2475	2479	2484	rBV2	874572	1452323	4.13%	0.248%
43	17.792	2513	2517	2525	rBV4	649064	1504285	4.28%	0.257%
44	17.863	2525	2529	2533	rVV	2519096	3493687	9.93%	0.598%
45	17.910	2533	2537	2542	rVB	4121407	5654657	16.07%	0.967%
46	17.992	2547	2551	2556	rVV	2528903	4005301	11.38%	0.685%
47	18.057	2557	2562	2566	rVV2	7268151	13184947	37.47%	2.255%
48	18.092	2566	2568	2577	rVB2	2545194	3802564	10.81%	0.650%
49	18.210	2584	2588	2593	rVB	5748639	6447784	18.33%	1.103%
50	18.369	2611	2615	2619	rVB	2816844	3502749	9.96%	0.599%
51	18.675	2664	2667	2671	rVV2	1054210	1488182	4.23%	0.255%
52	18.792	2682	2687	2692	rBV2	3158728	5340279	15.18%	0.913%
53	18.857	2693	2698	2701	rVV2	6925700	9634257	27.38%	1.648%
54	18.886	2701	2703	2707	rVV	1375533	1636336	4.65%	0.280%
55	18.933	2707	2711	2724	rVV	5154550	9783171	27.80%	1.673%
56	19.063	2728	2733	2739	rVB	16423846	23508462	66.81%	4.021%
57	19.210	2754	2758	2764	rVB	4421218	5905614	16.78%	1.010%
58	19.328	2776	2778	2786	rVB	2090153	3328027	9.46%	0.569%
59	19.433	2786	2796	2804	rBV	20382436	35185507	100.00%	6.018%
60	19.604	2822	2825	2829	rBV3	933928	1449780	4.12%	0.248%
61	19.757	2847	2851	2862	rVB3	3556501	7890280	22.42%	1.349%
62	19.898	2870	2875	2877	rVV3	3505019	5999712	17.05%	1.026%
63	19.928	2878	2880	2885	rVB	5602215	7477980	21.25%	1.279%
64	19.986	2886	2890	2894	rBV2	3282053	4349996	12.36%	0.744%
65	20.033	2894	2898	2903	rVV	4291511	5459107	15.52%	0.934%
66	20.092	2904	2908	2912	rVB	3858324	4950872	14.07%	0.847%
67	20.233	2928	2932	2936	rBV	3513310	4624881	13.14%	0.791%
68	20.280	2936	2940	2949	rVB	4713160	6655297	18.91%	1.138%
69	20.486	2972	2975	2979	rBV2	2858080	3367284	9.57%	0.576%
70	20.651	3000	3003	3006	rBV2	893175	1469675	4.18%	0.251%
71	20.686	3006	3009	3016	rVB	2331018	3865482	10.99%	0.661%

LSC Area Percent Report

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Acq On : 27 Apr 2019 03:58
Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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

72	20.892	3041	3044	3047	rBV	1913840	1885995	5.36%	0.323%
73	20.933	3047	3051	3053	rBV	2485551	3188474	9.06%	0.545%
74	20.957	3053	3055	3058	rVB2	1571414	1469025	4.18%	0.251%
75	21.204	3092	3097	3102	rBV2	13729622	24799034	70.48%	4.241%
76	21.257	3102	3106	3112	rVB	10041641	14143674	40.20%	2.419%
77	21.369	3122	3125	3127	rBV2	1128513	1442476	4.10%	0.247%
78	21.422	3127	3134	3146	rVB3	3642455	8819975	25.07%	1.509%
79	21.574	3157	3160	3164	rVB3	1204125	1487676	4.23%	0.254%
80	21.710	3180	3183	3186	rBV	1126015	1532554	4.36%	0.262%
81	21.769	3186	3193	3197	rVV	4167029	7427735	21.11%	1.270%
82	21.816	3198	3201	3207	rVV2	2475368	4504541	12.80%	0.770%
83	21.886	3208	3213	3215	rVV2	1498561	2789182	7.93%	0.477%
84	21.910	3215	3217	3221	rVV	1803512	2615109	7.43%	0.447%
85	21.957	3222	3225	3228	rVV2	2307797	3551019	10.09%	0.607%
86	21.992	3228	3231	3235	rVV2	2571364	3653673	10.38%	0.625%
87	22.057	3239	3242	3247	rVB2	1185461	1700258	4.83%	0.291%
88	22.774	3357	3364	3374	rBV2	8498965	25538451	72.58%	4.368%
89	22.933	3385	3391	3401	rVB	3426326	6059329	17.22%	1.036%
90	23.233	3436	3442	3451	rVB	5308157	9407166	26.74%	1.609%
91	23.333	3451	3459	3465	rVV	10032205	18839431	53.54%	3.222%
92	23.416	3468	3473	3477	rVV	2413393	4722344	13.42%	0.808%
93	23.469	3477	3482	3489	rVB2	2252340	4967407	14.12%	0.850%
94	24.263	3611	3617	3623	rVB2	1167625	2351872	6.68%	0.402%
95	25.092	3753	3758	3764	rVB5	873063	1888424	5.37%	0.323%
96	25.368	3800	3805	3813	rVB3	846275	1897431	5.39%	0.325%
97	25.604	3836	3845	3855	rVB	4117732	11844162	33.66%	2.026%
98	25.851	3880	3887	3895	rBV2	914759	2223329	6.32%	0.380%
99	25.945	3897	3903	3910	rVV3	549622	1479013	4.20%	0.253%
100	26.274	3948	3959	3976	rVB	3056256	9678715	27.51%	1.655%

Sum of corrected areas: 584683273

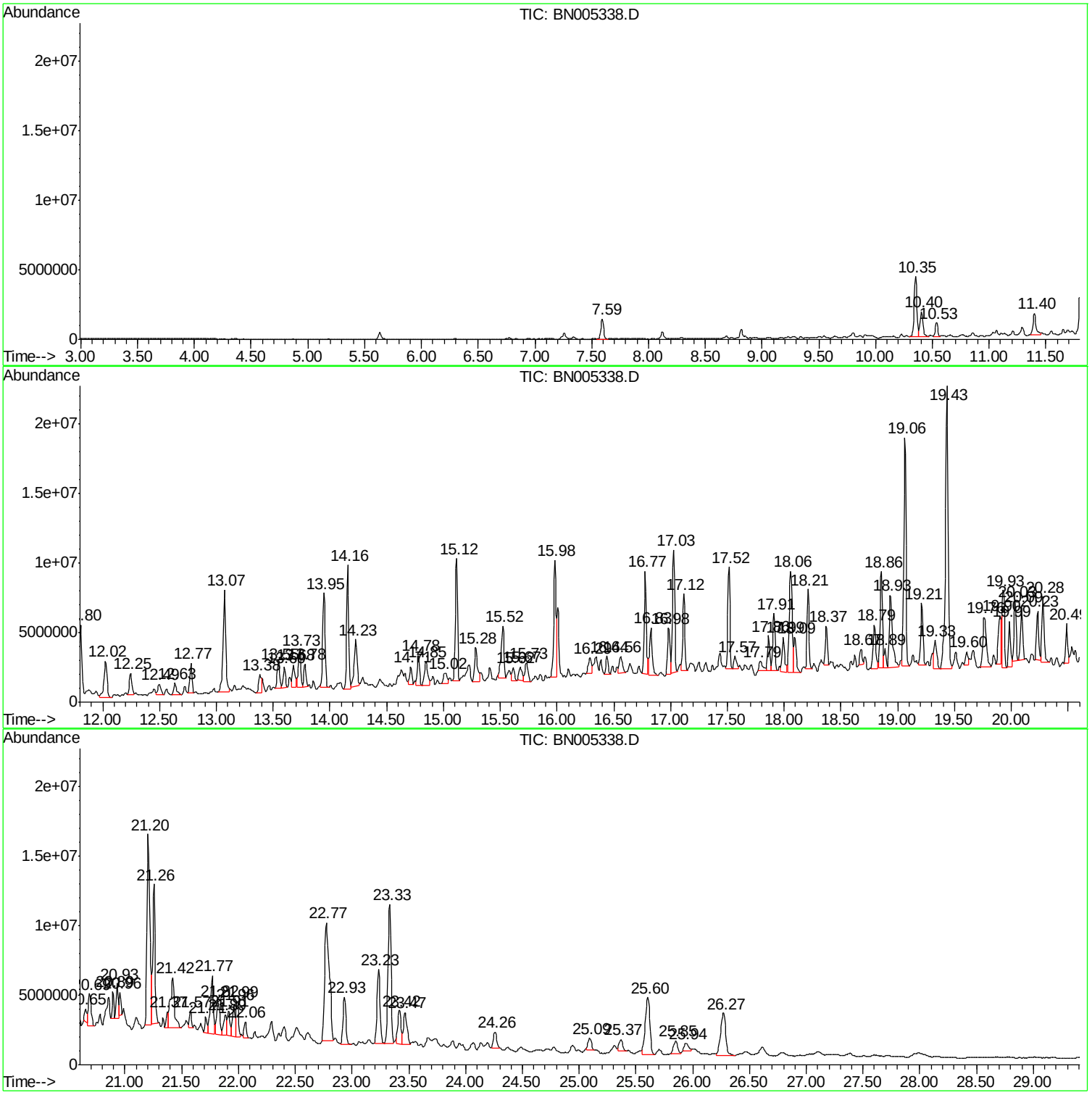
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005338.D
Acq On : 27 Apr 2019 03:58
Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHX7

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005338.D
Acq On : 27 Apr 2019 03:58
Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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

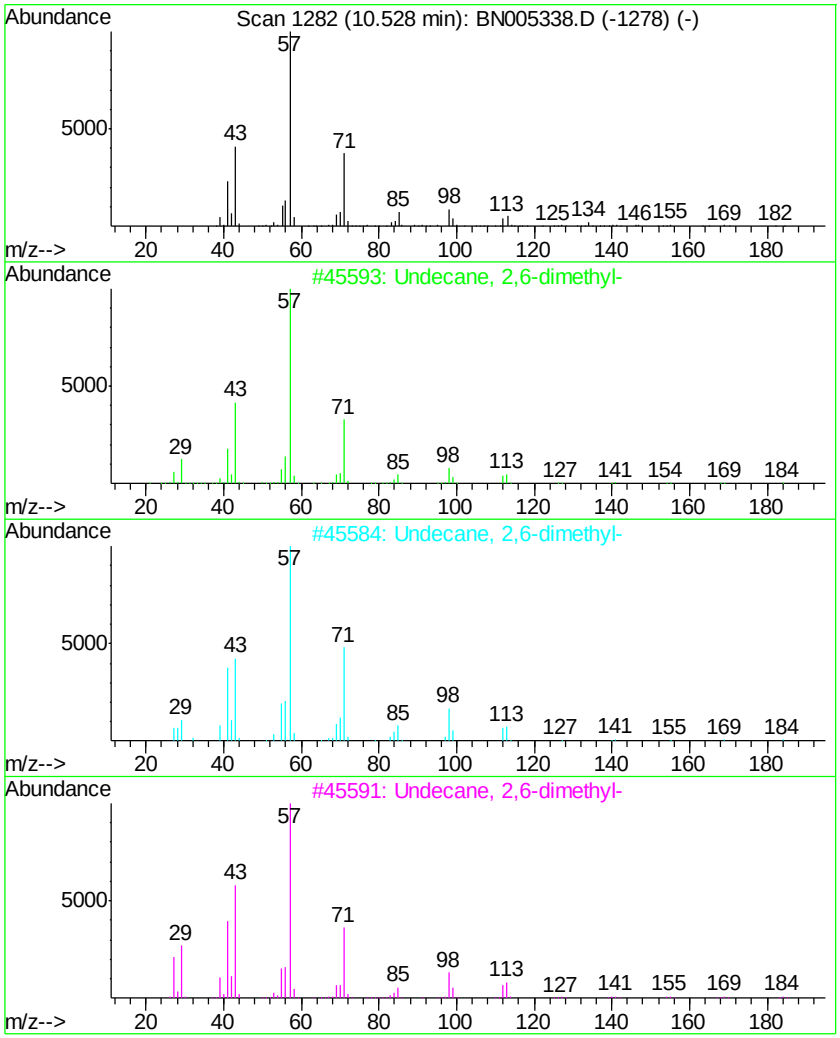
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

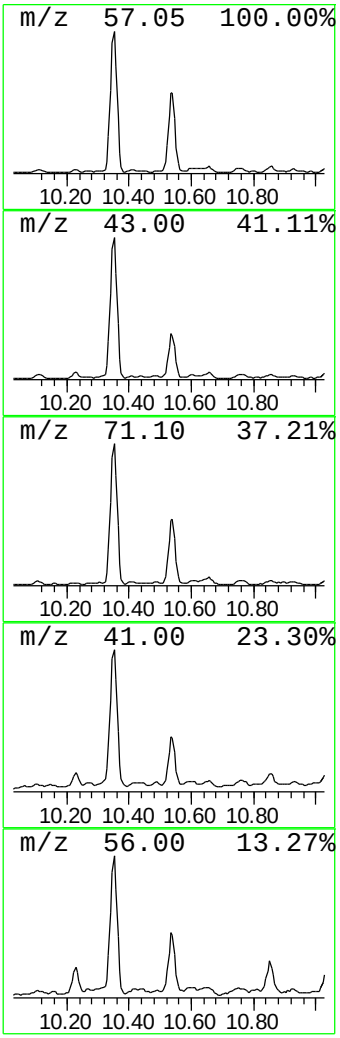
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	4.07 ng/ul	1486850	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005338.D
Acq On : 27 Apr 2019 03:58
Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

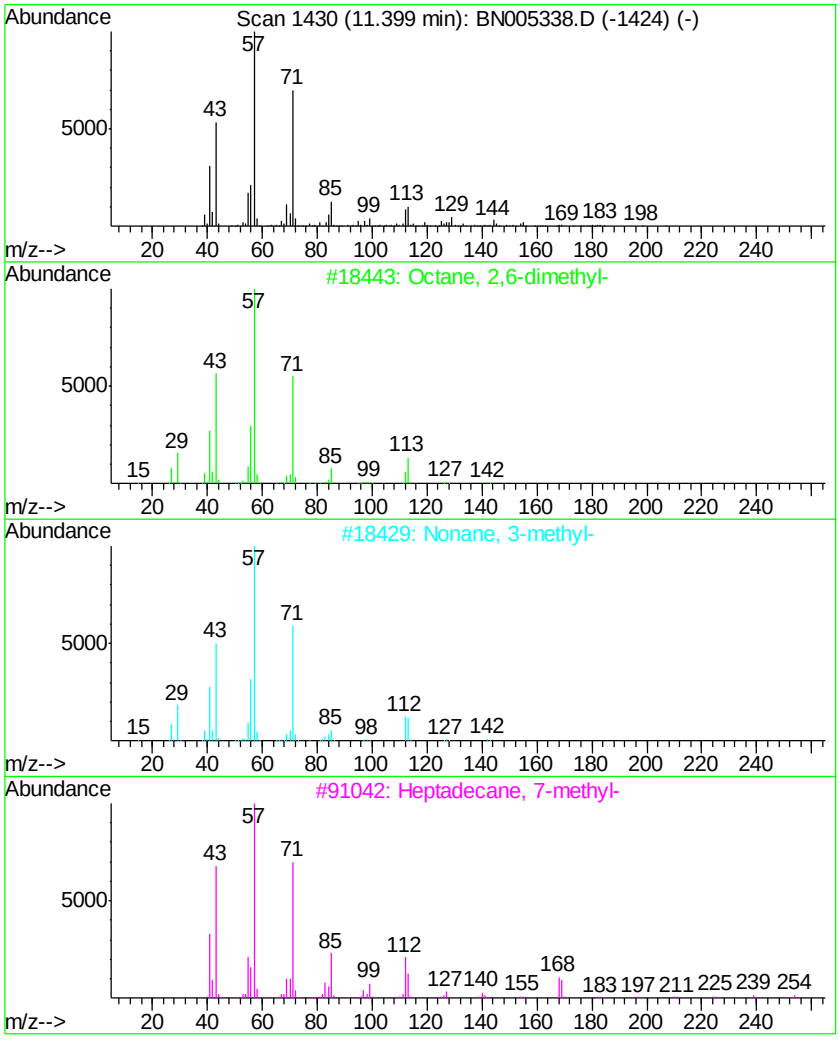
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

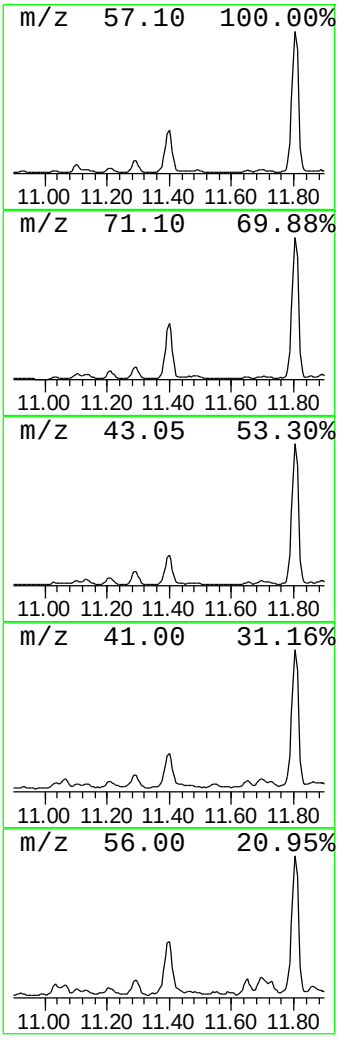
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	8.18 ng/ul	2990730	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005338.D
Acq On : 27 Apr 2019 03:58
Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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

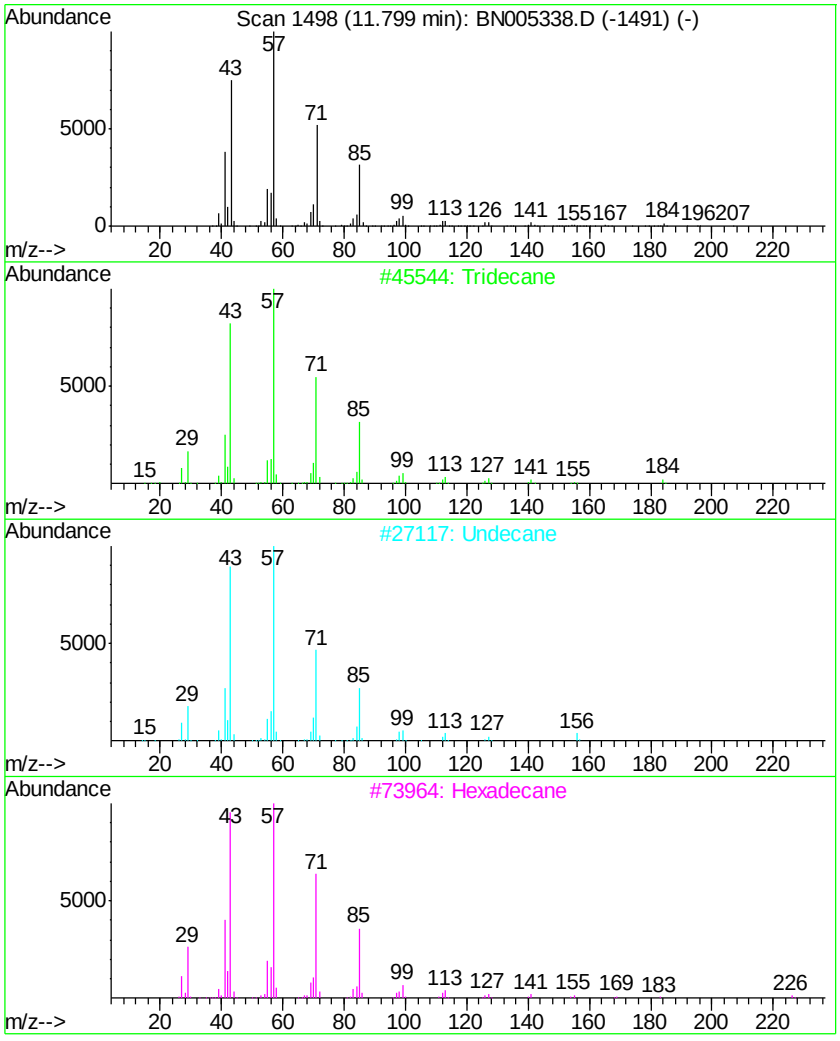
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

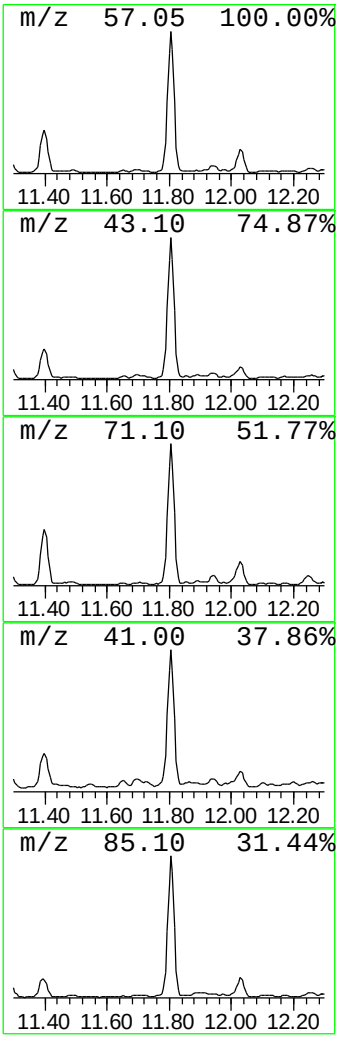
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	22.33 ng/ul	8161970	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Undecane	156	C11H24	001120-21-4	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tetradecane	198	C14H30	000629-59-4	90





Library Search Compound Report

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Data File : BN005338.D
Acq On : 27 Apr 2019 03:58
Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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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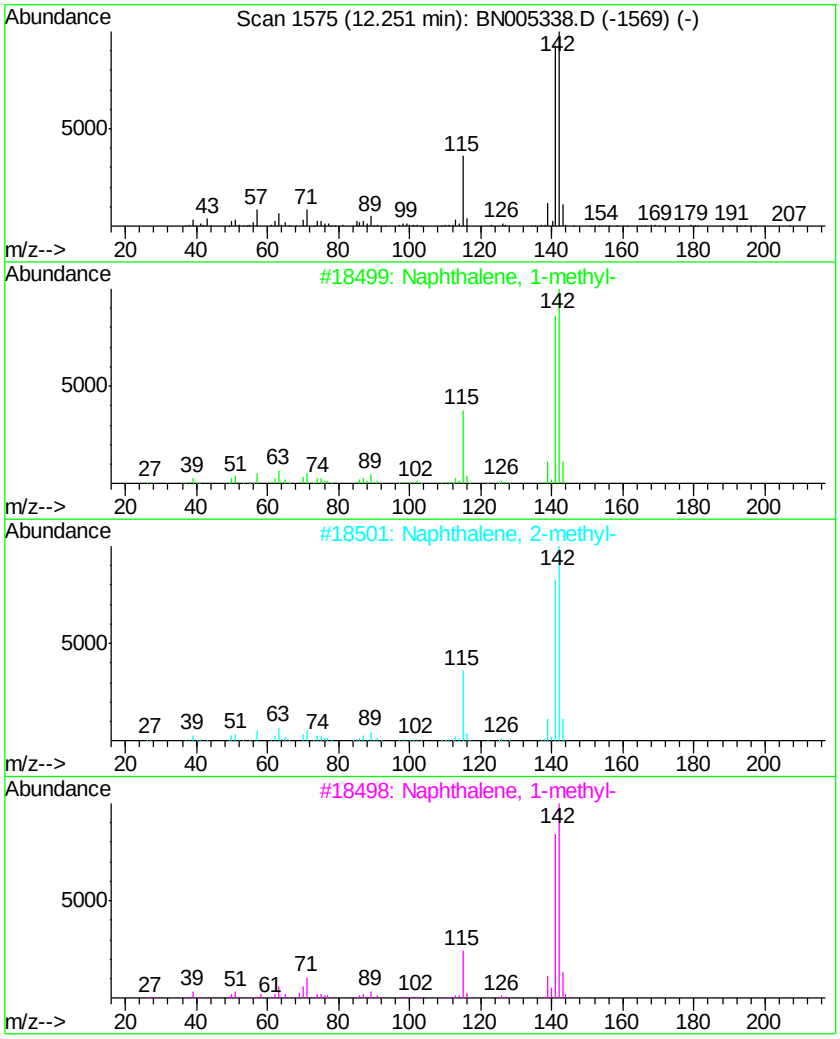
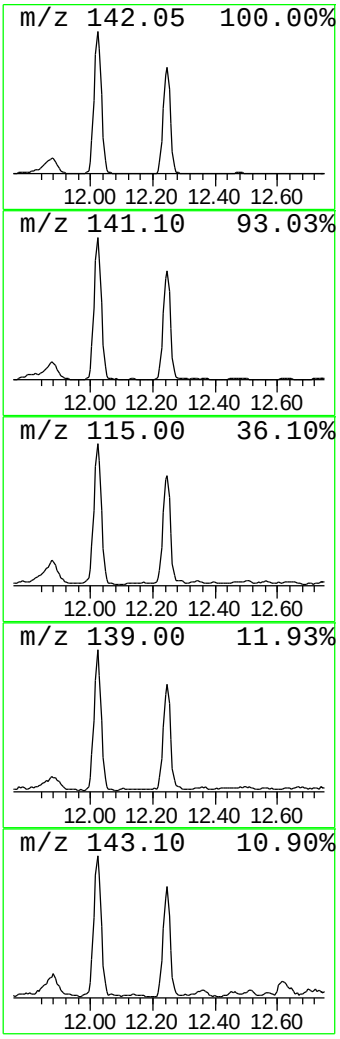
Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	6.86 ng/ul	2506660	Naphthalene-d8	10.35

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	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005338.D
Acq On : 27 Apr 2019 03:58
Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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

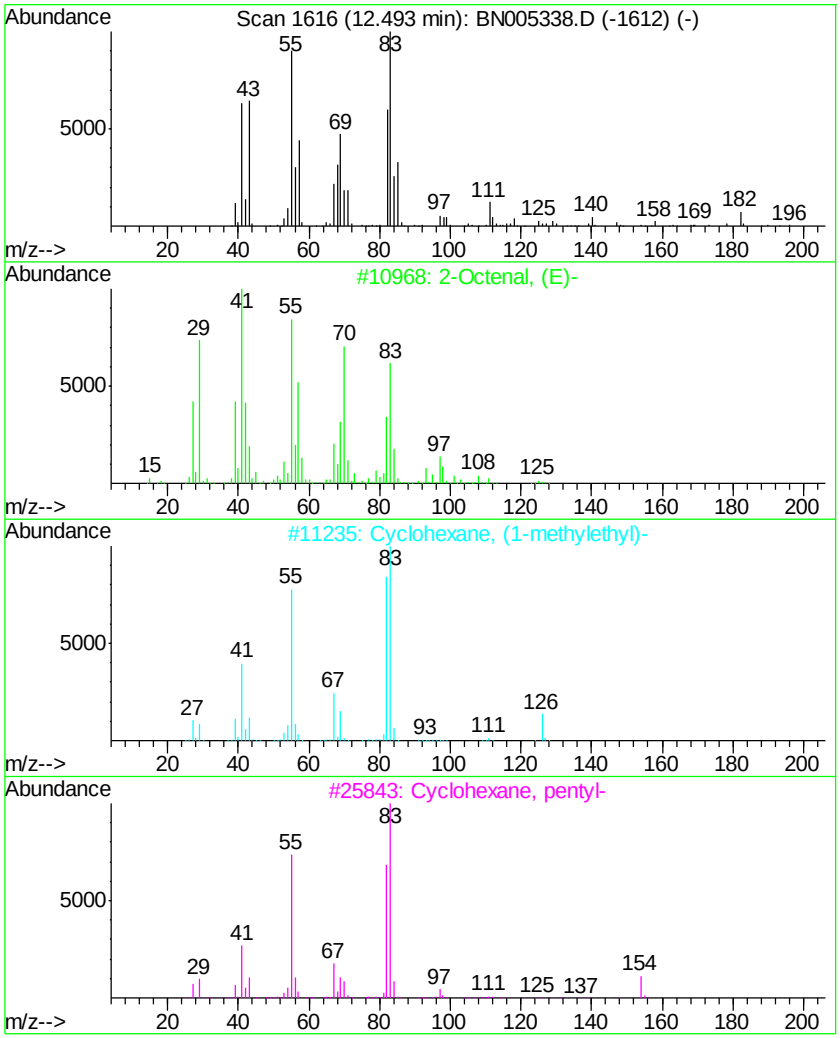
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

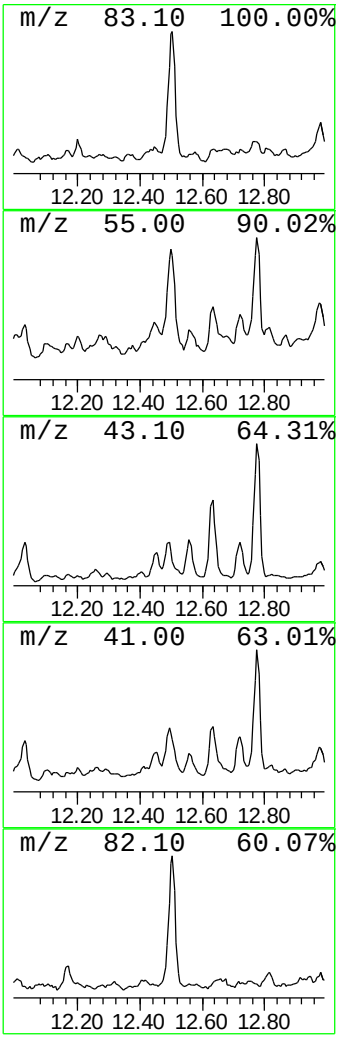
****

Peak Number 5 2-Octenal, (E)- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	4.46 ng/ul	1390150	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octenal, (E)-	126	C8H14O	002548-87-0	59
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
4	Heptylcyclohexane	182	C13H26	005617-41-4	50
5	n-Amylcyclohexane	154	C11H22	029949-27-7	50





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Acq On : 27 Apr 2019 03:58
Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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Quant Title : SVOA CALIBRATION

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

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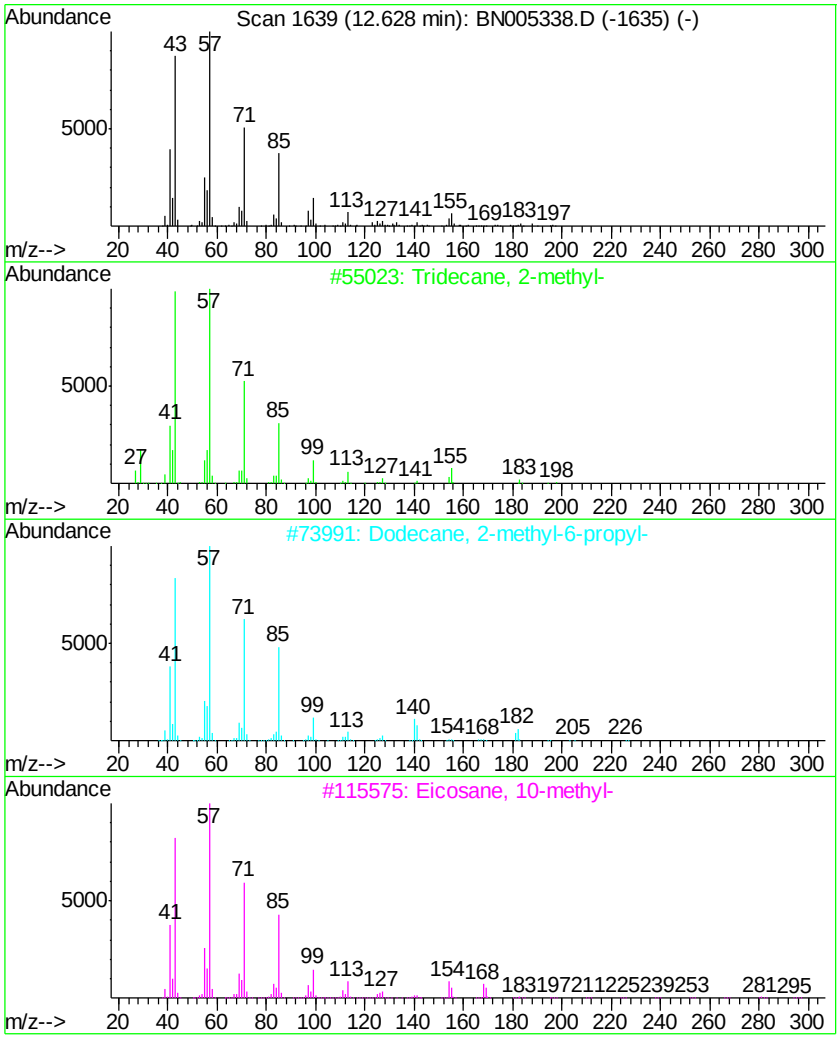
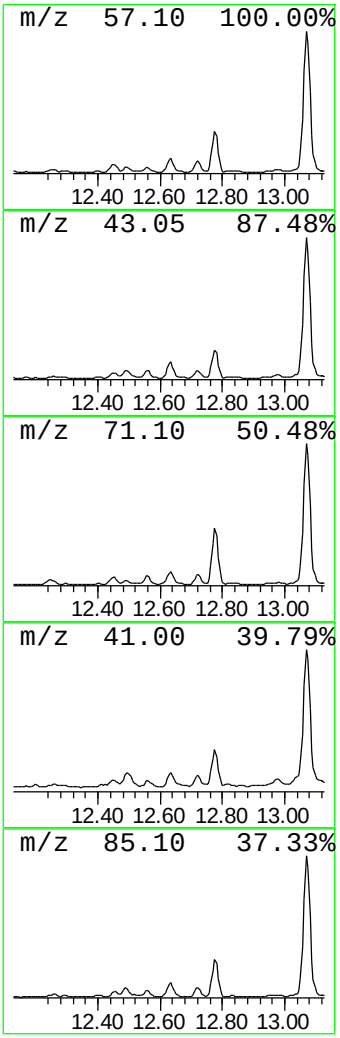
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	5.08 ng/ul	1581220	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	96
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	80
5	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	78





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Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

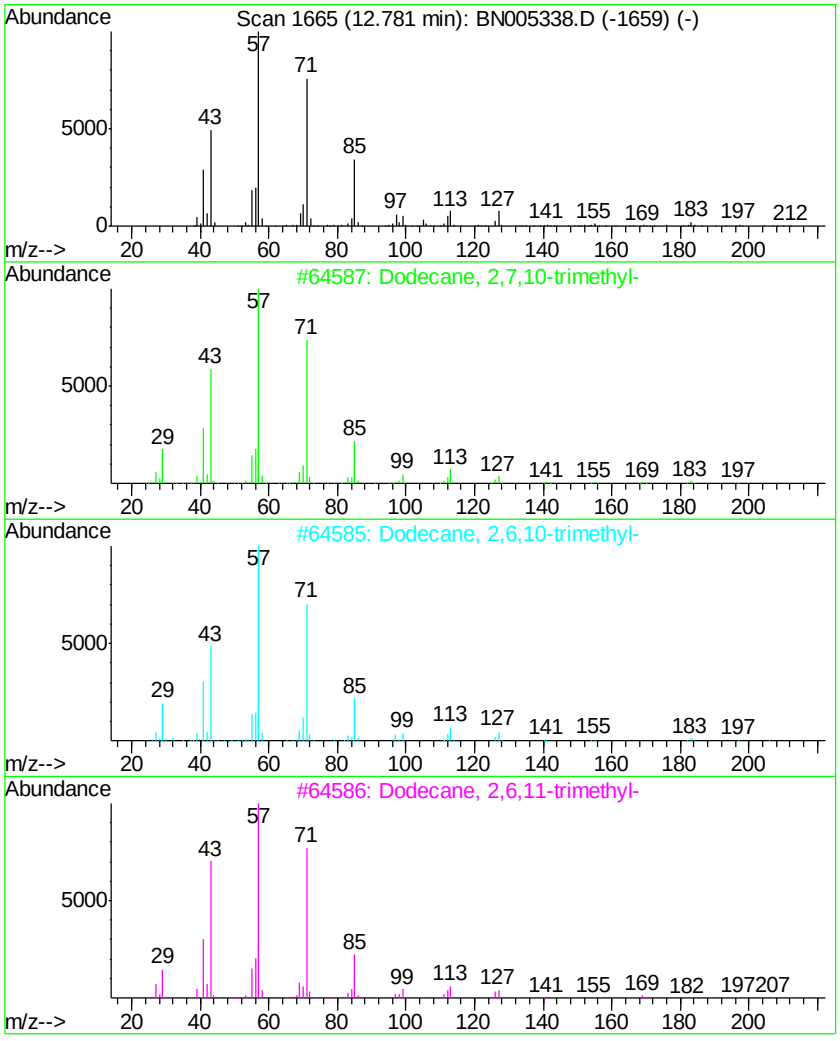
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

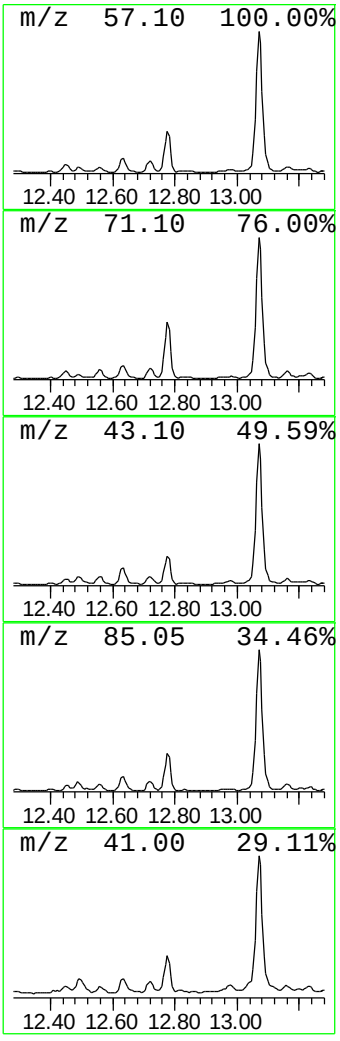
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	8.90 ng/ul	2771680	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	78
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72





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Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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Quant Title : SVOA CALIBRATION

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

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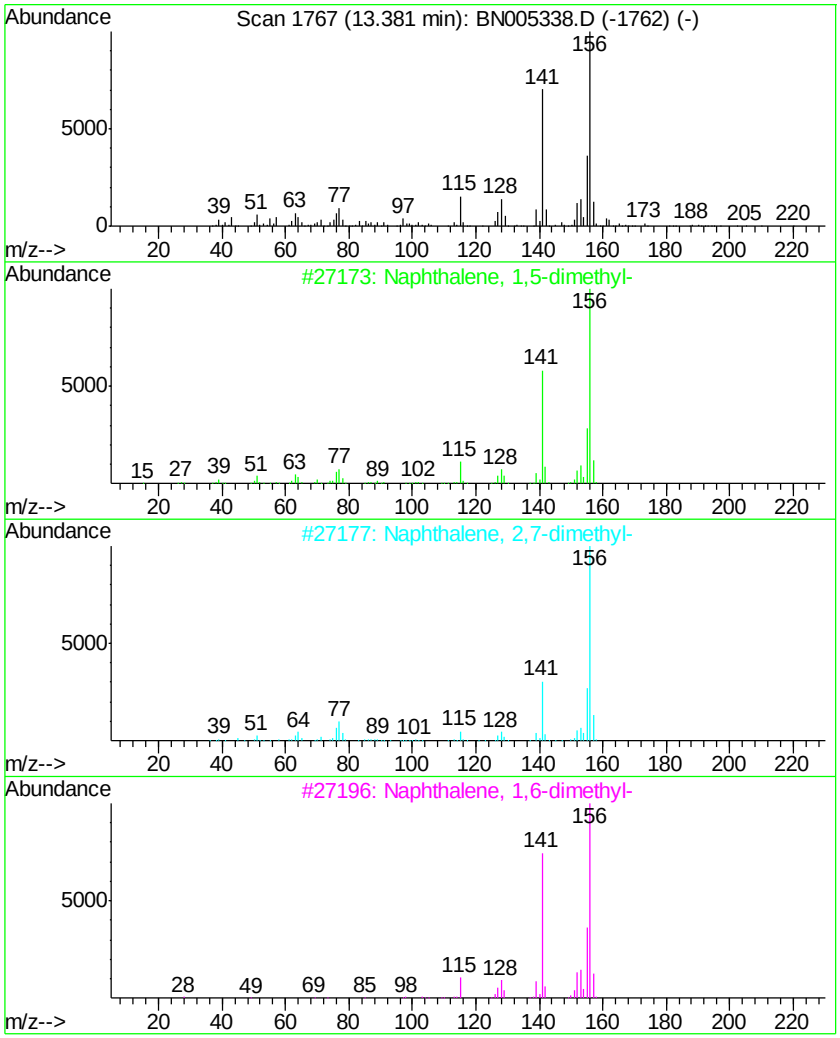
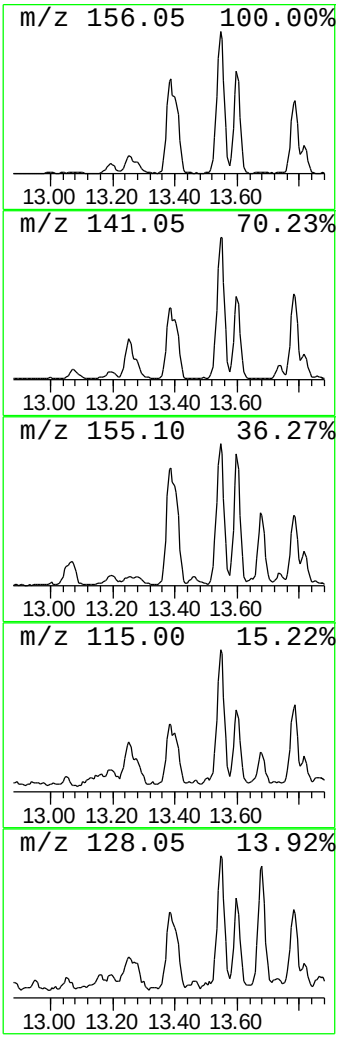
Peak Number 8 Naphthalene, 1,5-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	7.11 ng/ul	2214040	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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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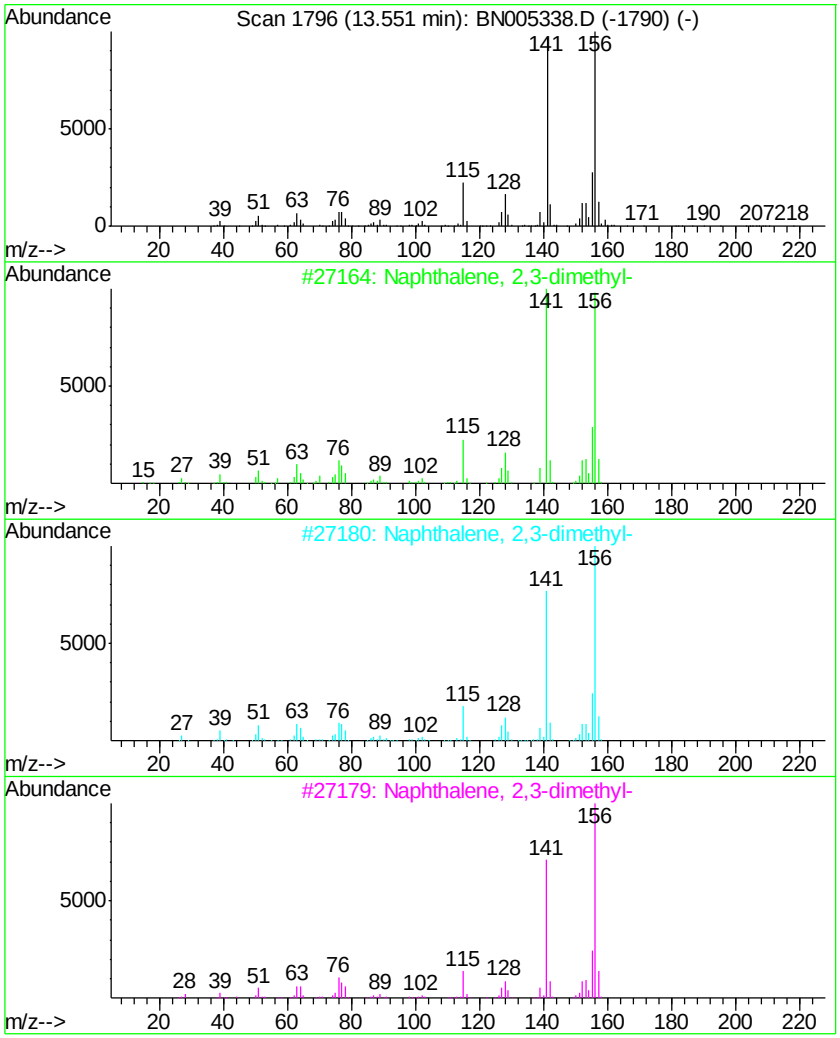
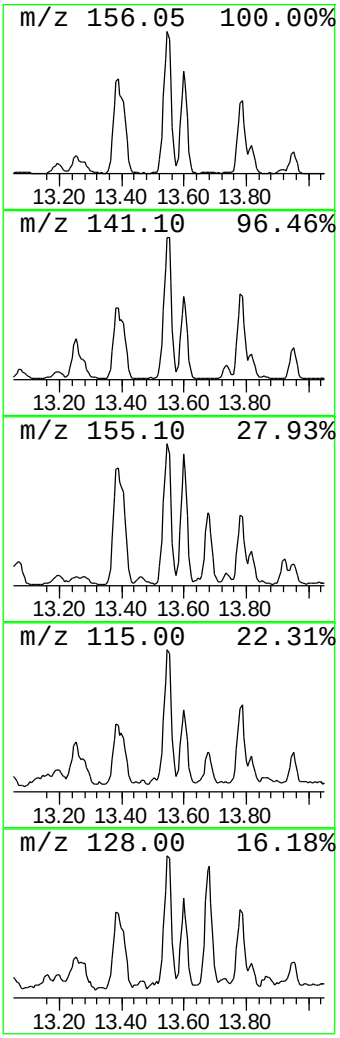
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	9.28 ng/ul	2891690	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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Quant Title : SVOA CALIBRATION

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

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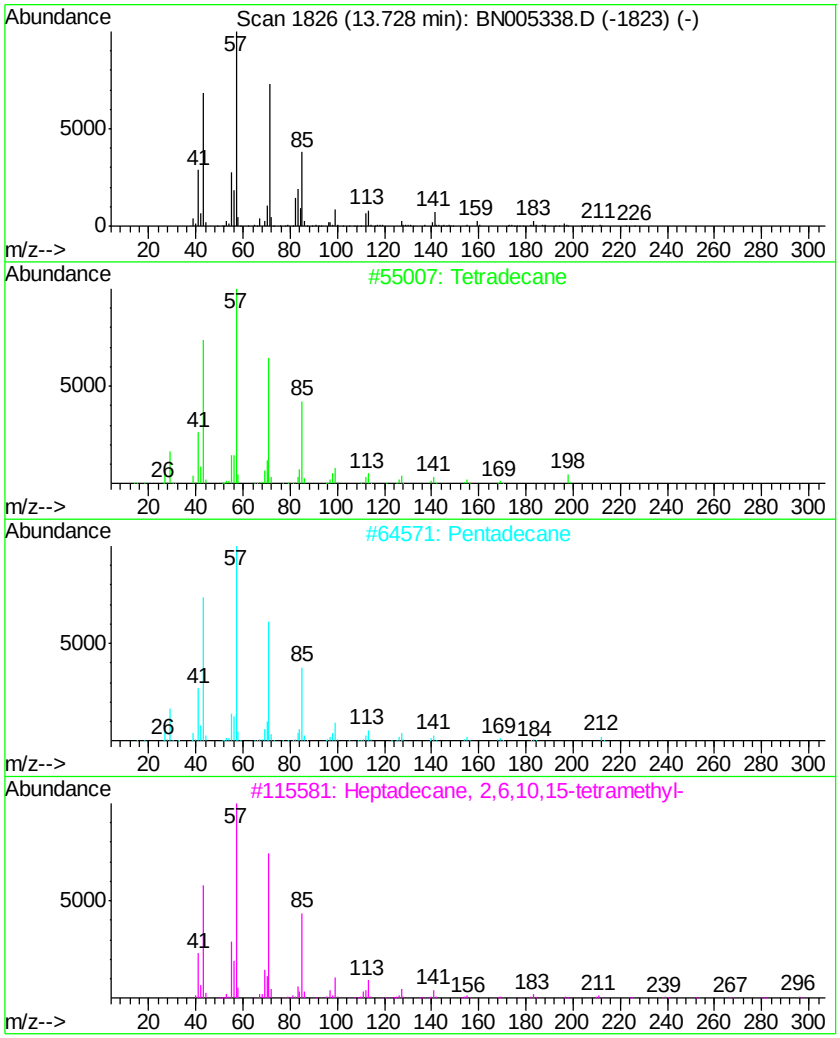
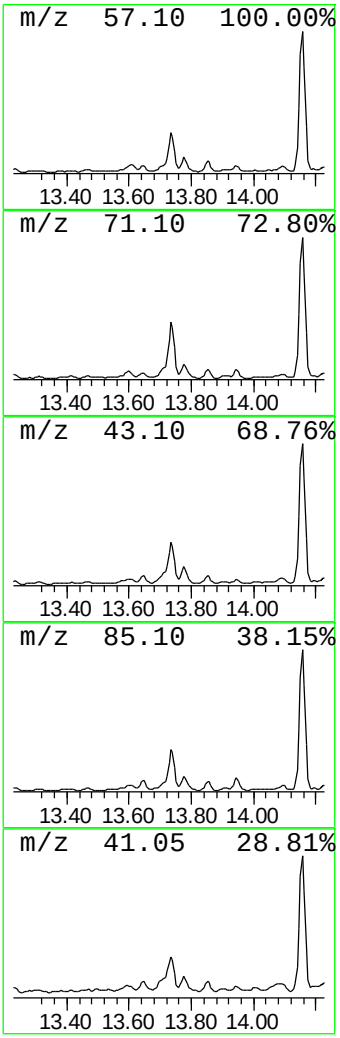
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	12.54 ng/ul	3904880	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Decane, 2-methyl-	156	C11H24	006975-98-0	86
5	Nonadecane	268	C19H40	000629-92-5	83





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Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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

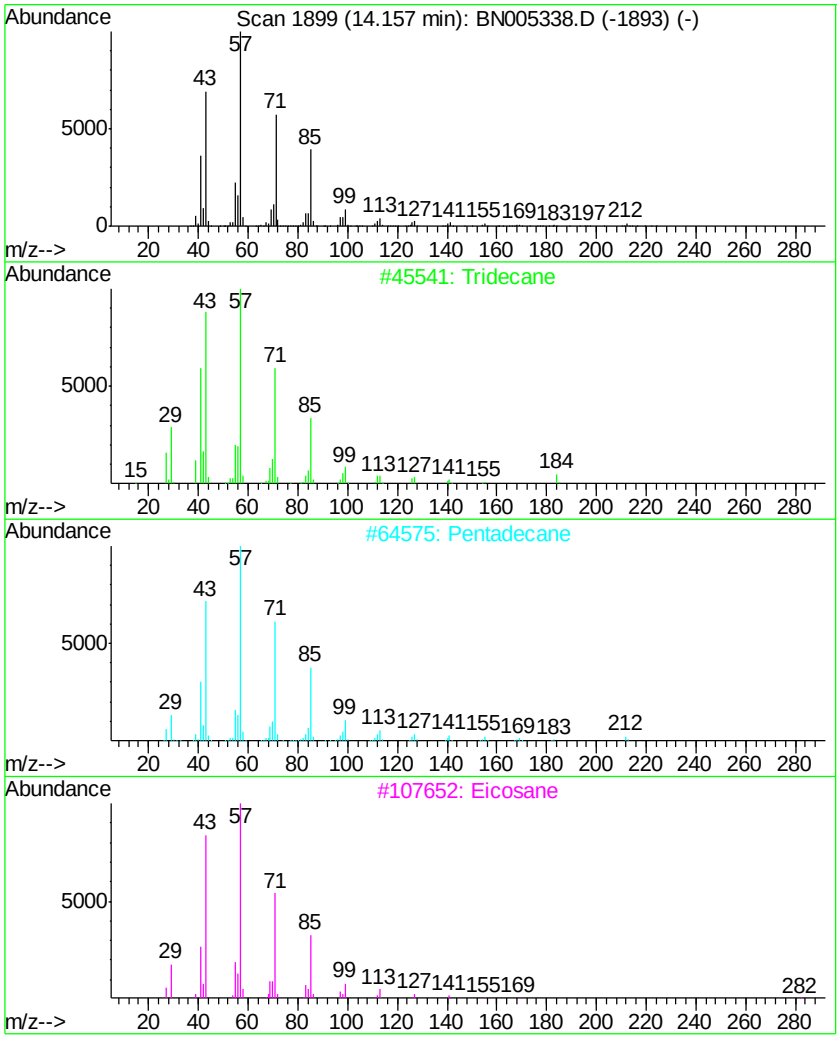
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

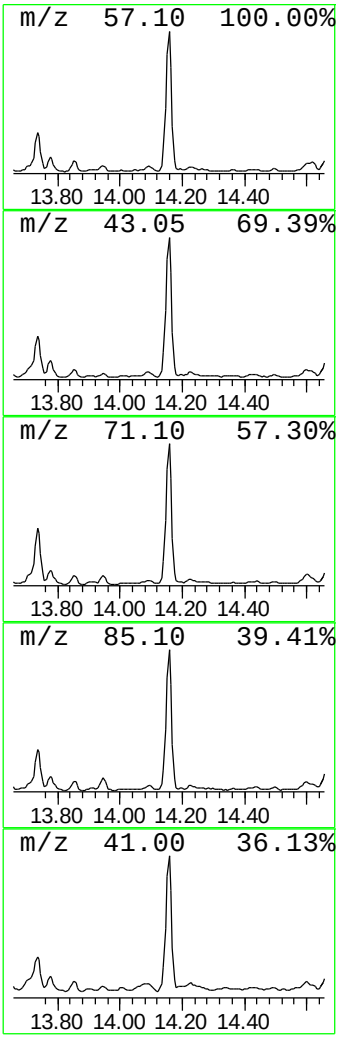
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	37.72 ng/ul	11749700	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Pentadecane	212	C15H32	000629-62-9	94
3	Eicosane	282	C20H42	000112-95-8	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Hexadecane	226	C16H34	000544-76-3	90





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Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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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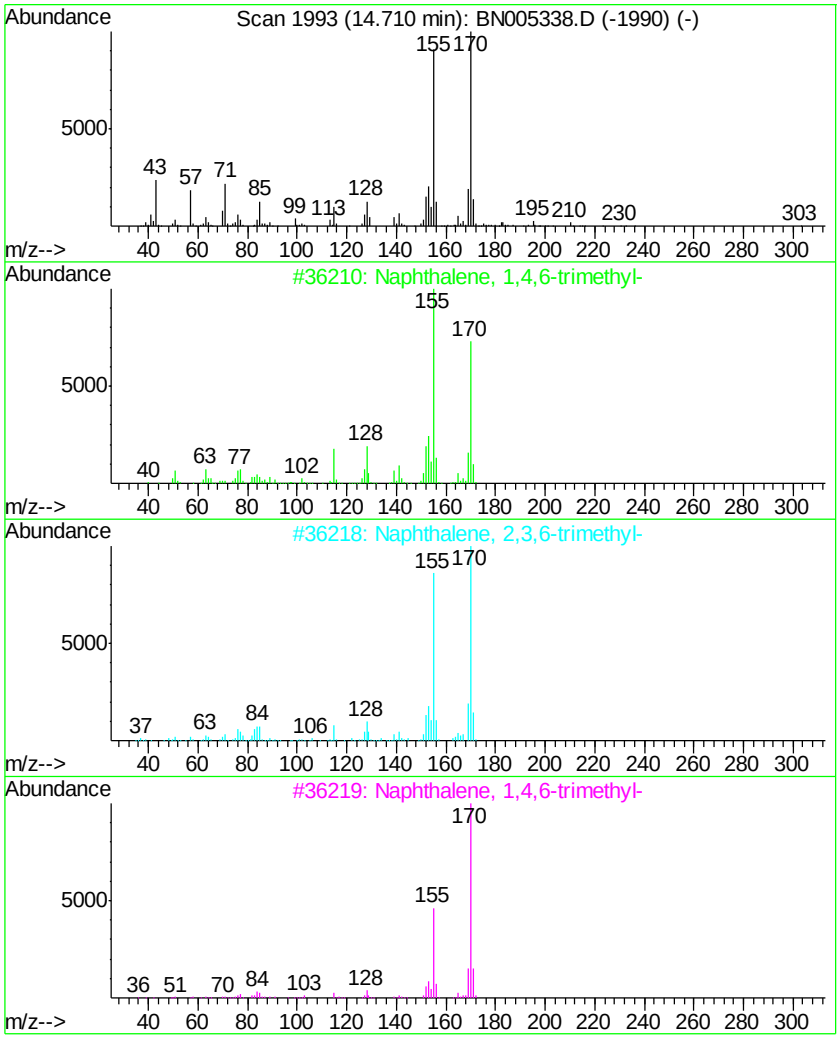
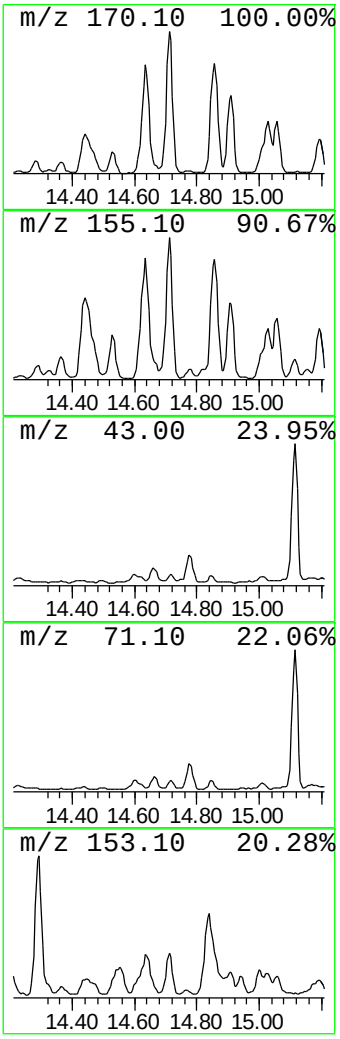
Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	5.41 ng/ul	1684990	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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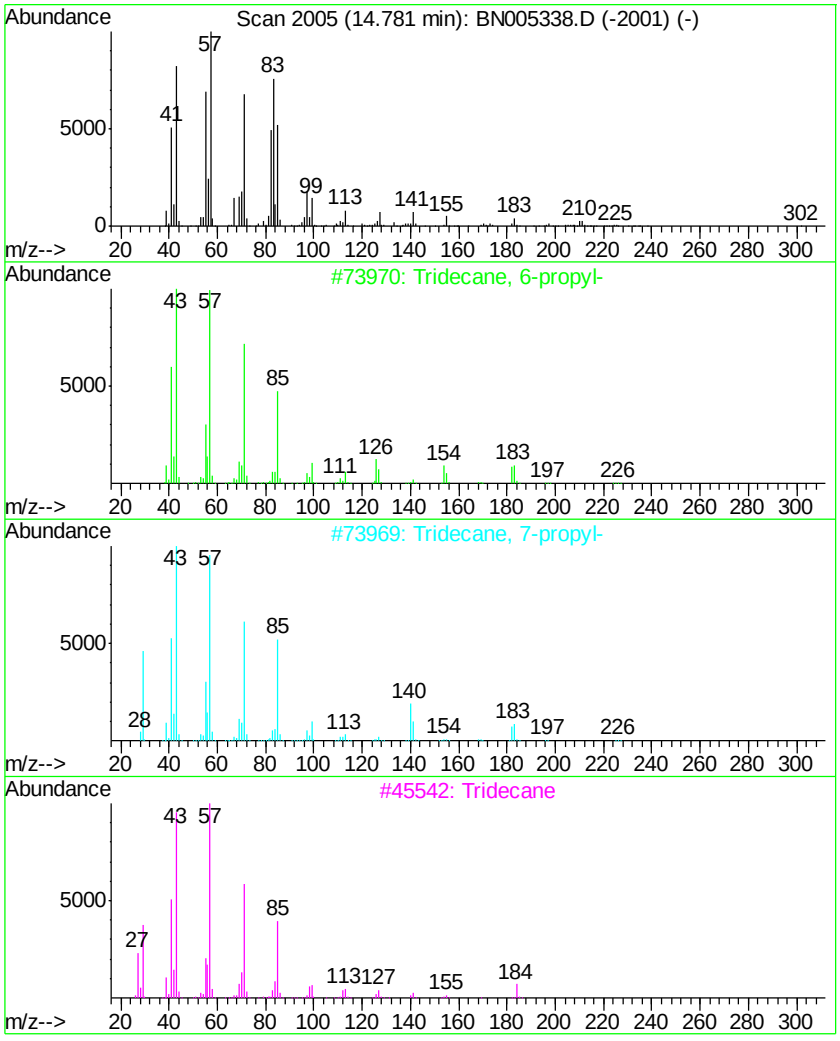
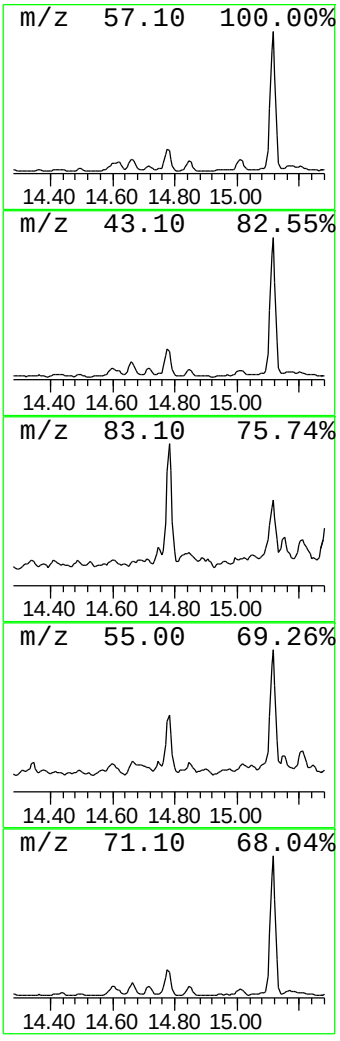
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	9.62 ng/ul	2995410	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	60
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	60
3	Tridecane	184	C13H28	000629-50-5	50
4	Pentadecane	212	C15H32	000629-62-9	50
5	Tetratetracontane	619	C44H90	007098-22-8	49





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Misc :
ALS Vial : 21 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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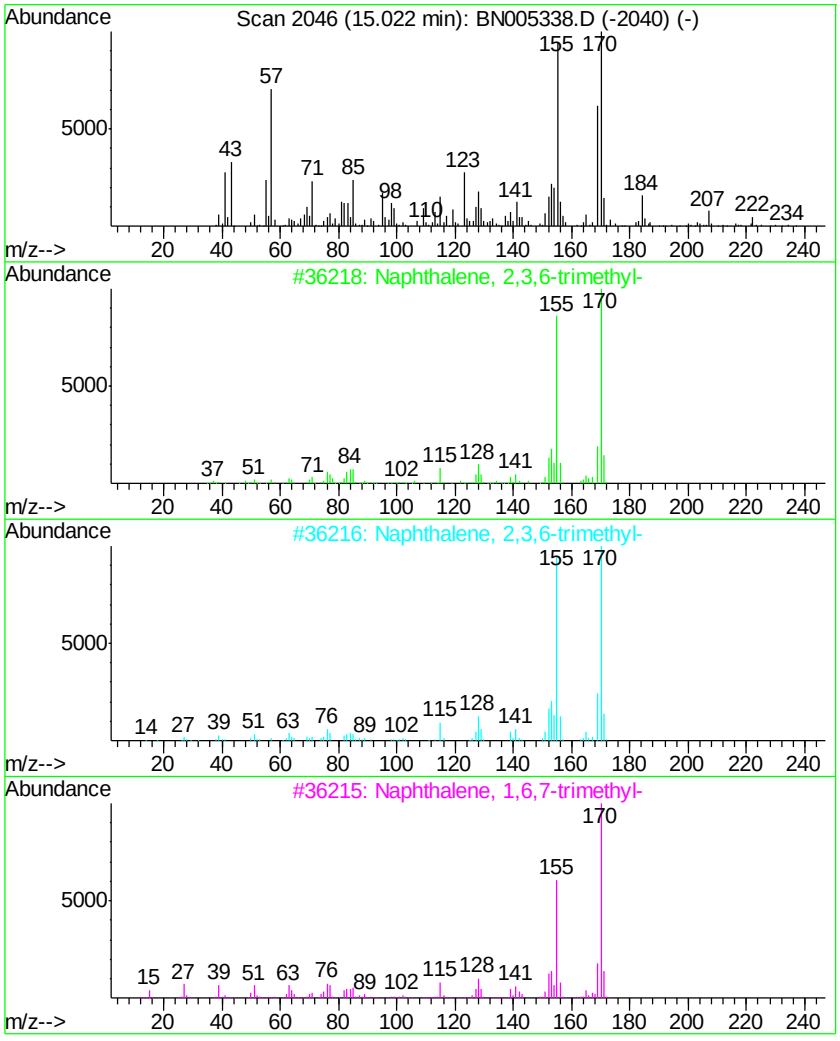
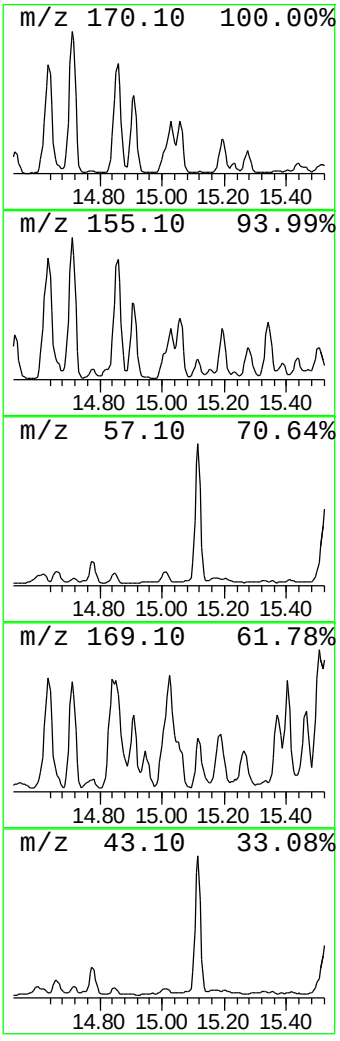
Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	5.44 ng/ul	1695180	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91





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Misc :
ALS Vial : 21 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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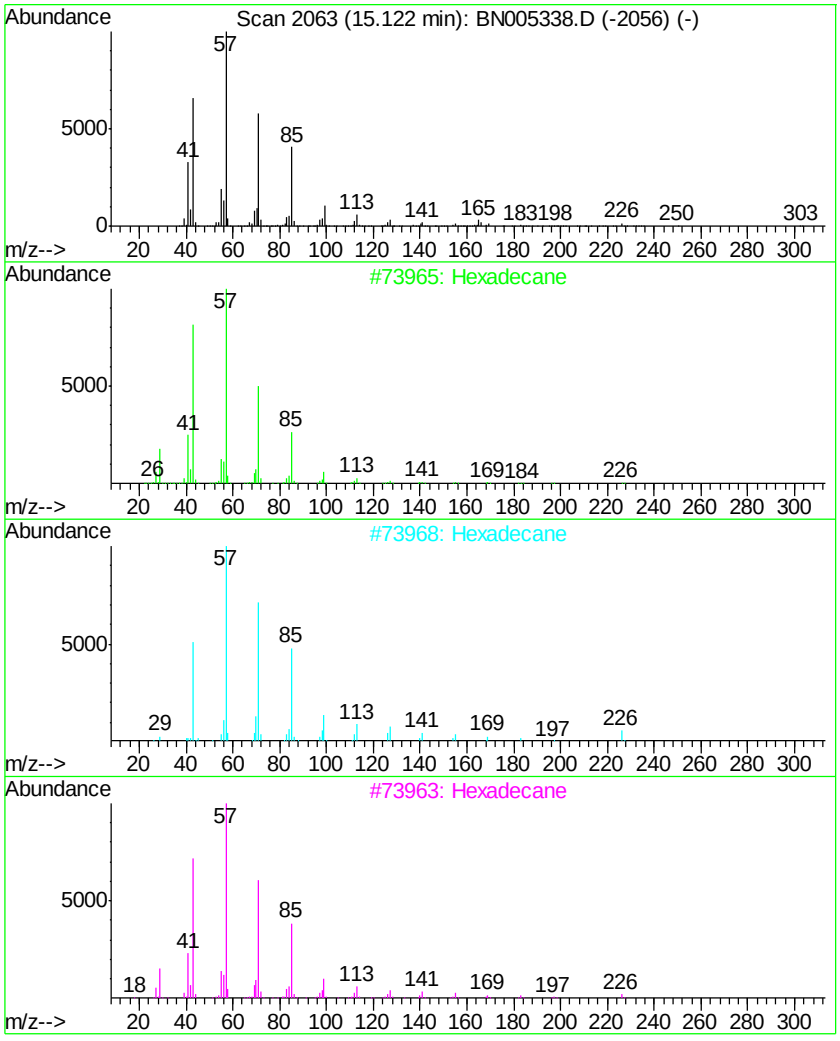
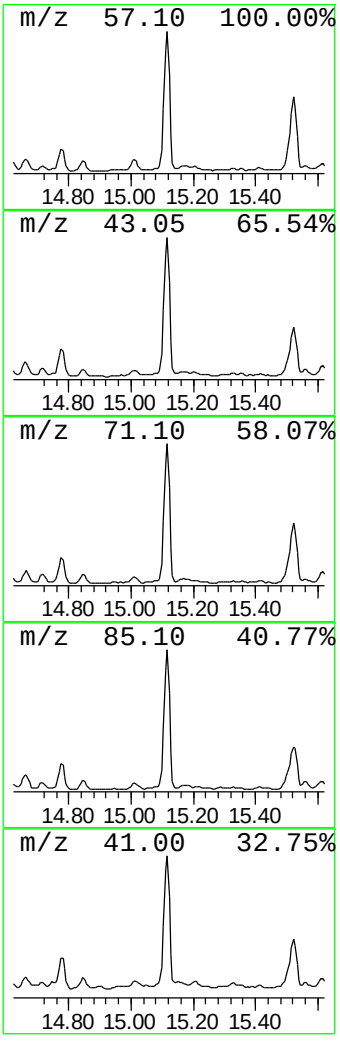
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	37.08 ng/ul	11548900	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Hexadecane	226	C16H34	000544-76-3	95
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Eicosane	282	C20H42	000112-95-8	87





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Quant Title : SVOA CALIBRATION

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

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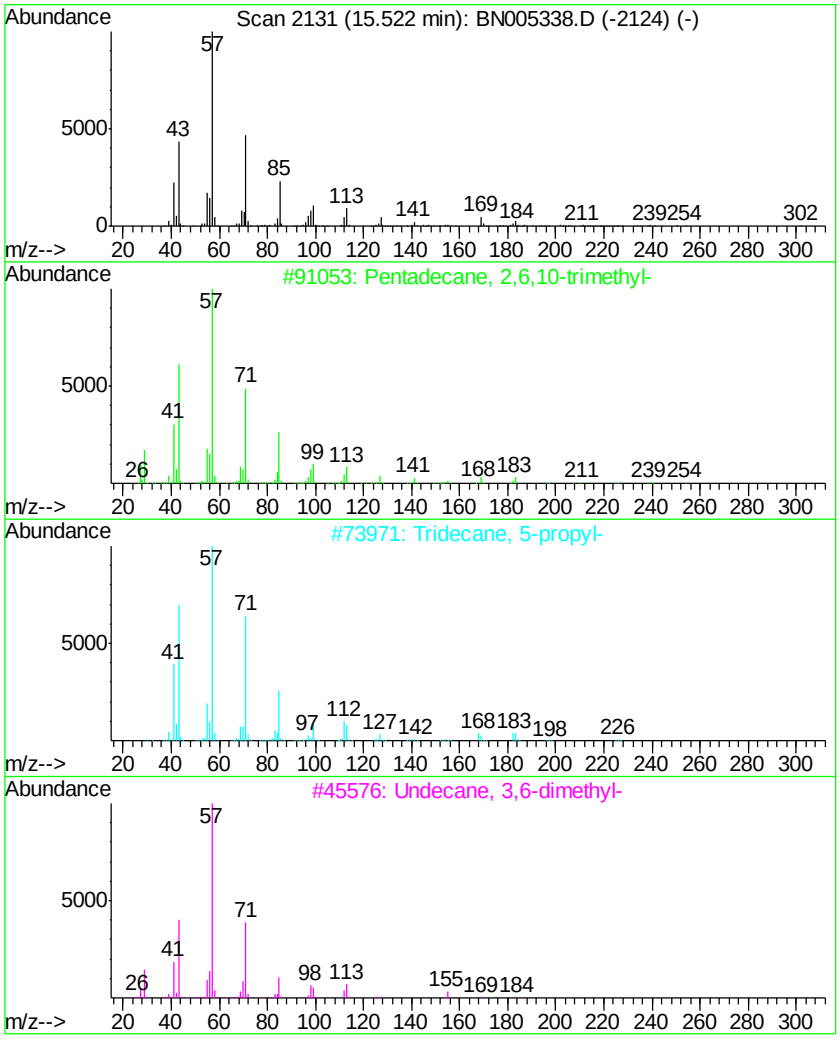
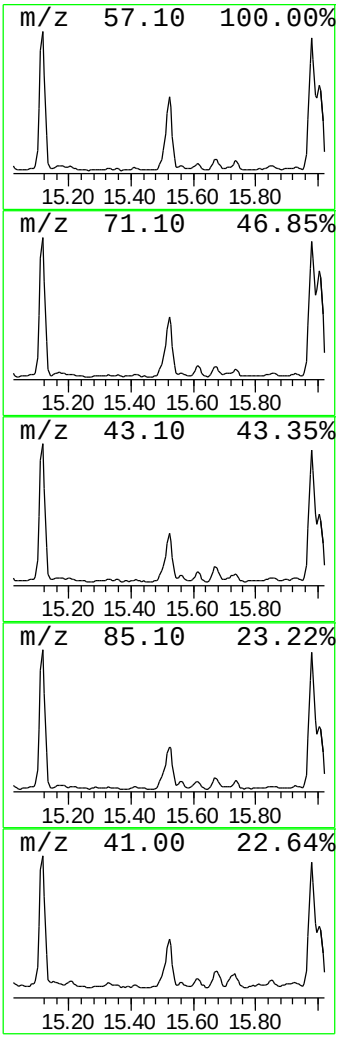
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	20.60 ng/ul	6414850	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	95
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
4	Heptacosane	380	C27H56	000593-49-7	72
5	Hexadecane	226	C16H34	000544-76-3	64





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Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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

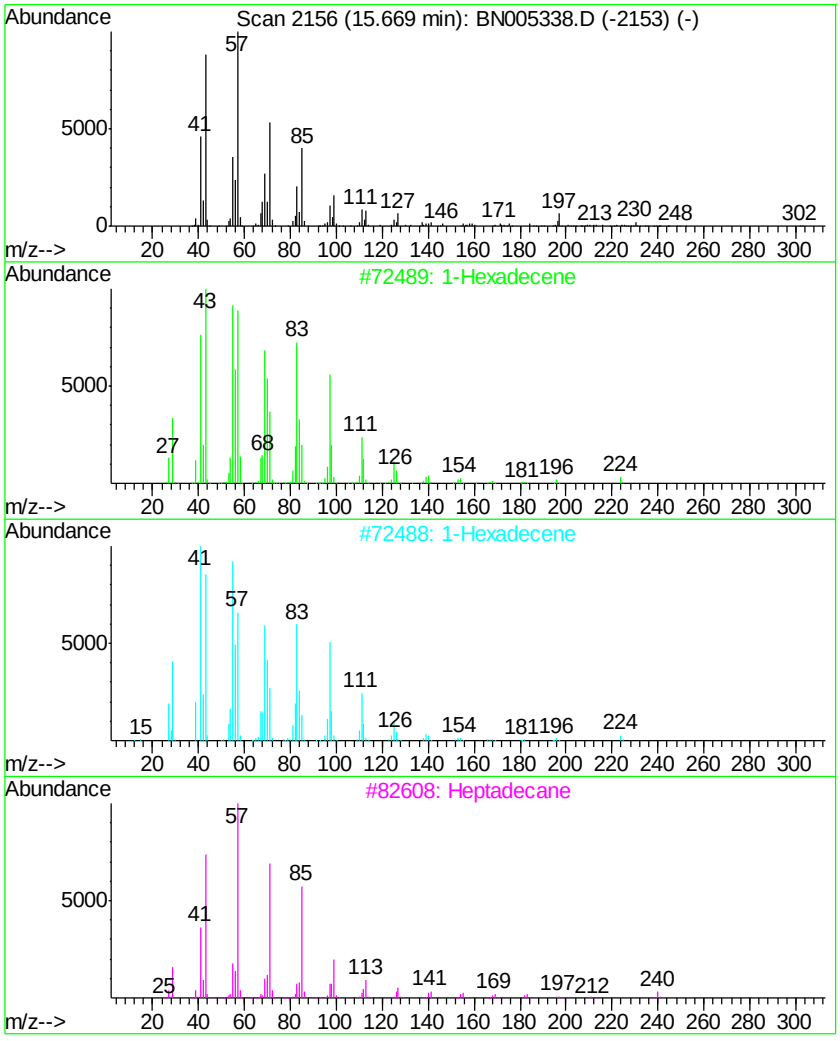
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

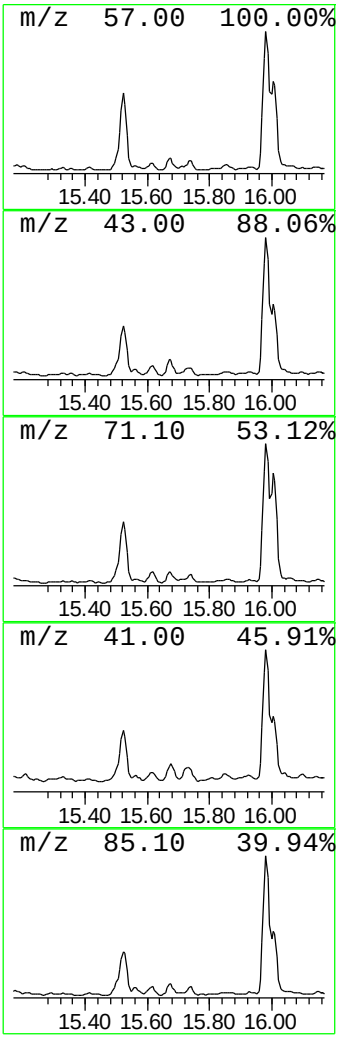
****

Peak Number 20 (DEL) Alkane: Cyclic15.67 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	7.72 ng/ul	2020970	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene	224	C16H32	000629-73-2	83
2	1-Hexadecene	224	C16H32	000629-73-2	70
3	Heptadecane	240	C17H36	000629-78-7	52
4	Pentadecane	212	C15H32	000629-62-9	52
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	50





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Acq On : 27 Apr 2019 03:58
Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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Quant Title : SVOA CALIBRATION

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

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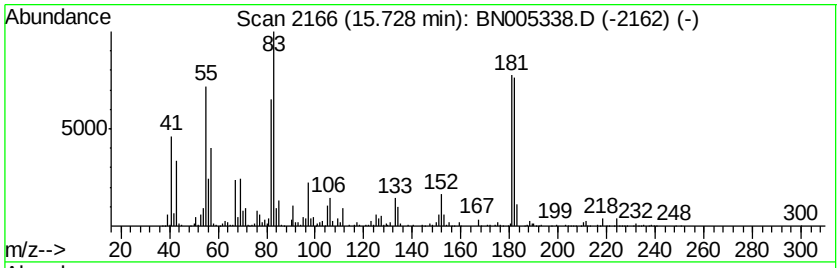
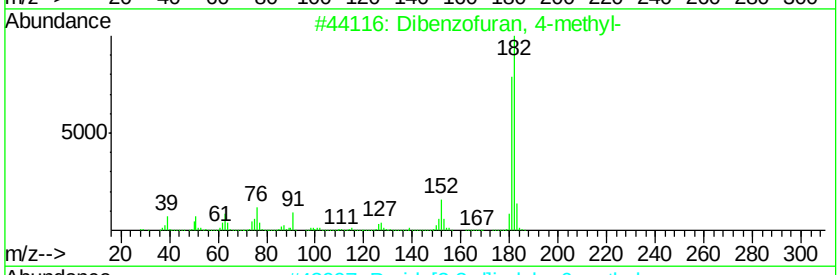
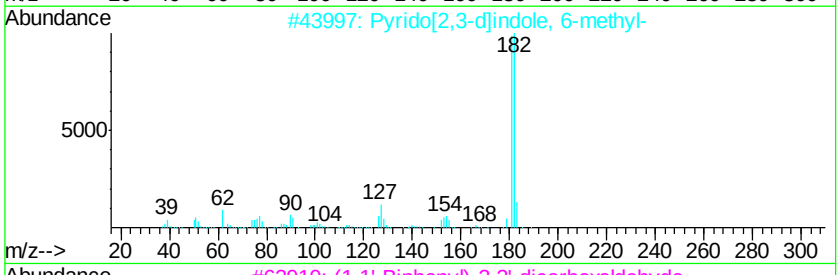
Peak Number 21 Dibenzofuran, 4-methyl- Concentration Rank 23

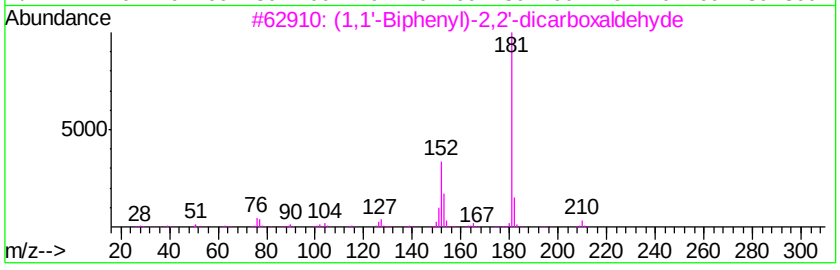
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	10.50 ng/ul	2748410	Phenanthrene-d10	16.98

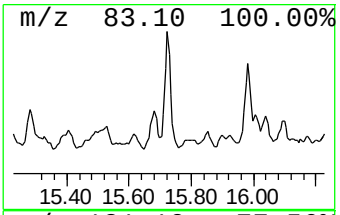
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	43
2	Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	38
3	(1,1'-Biphenyl)-2,2'-dicarboxald...	210	C14H10O2	001210-05-5	35
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	35
5	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	27

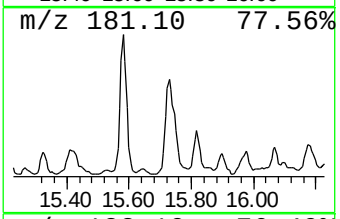


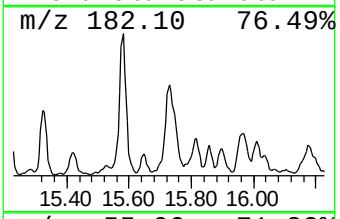


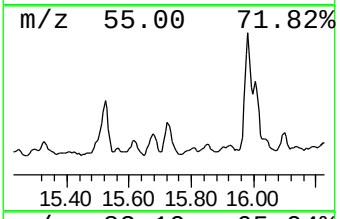


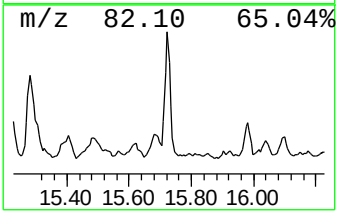












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Acq On : 27 Apr 2019 03:58
Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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Quant Title : SVOA CALIBRATION

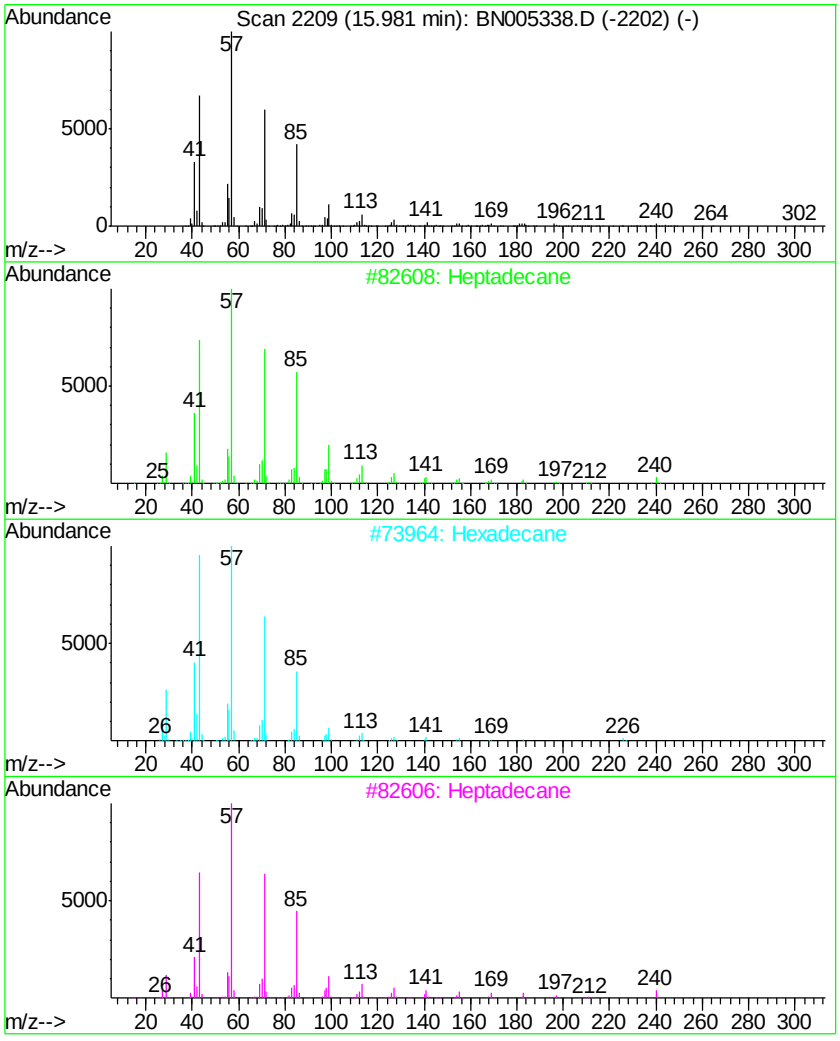
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

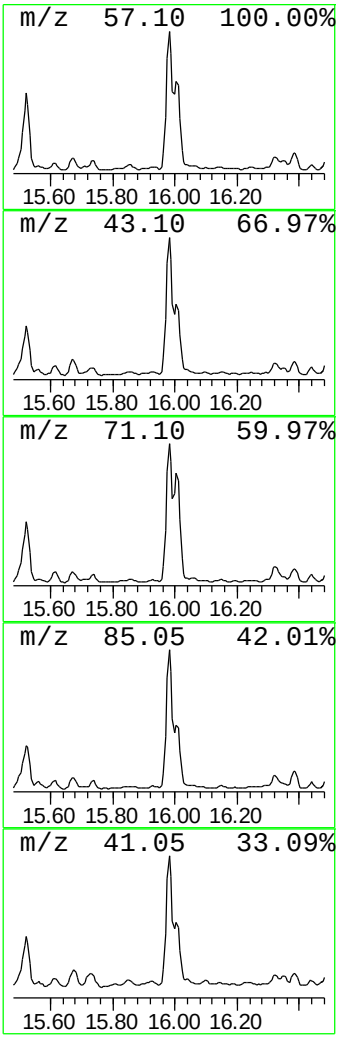
****

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	50.94 ng/ul	13334100	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Hexadecane	226	C16H34	000544-76-3	94
3	Heptadecane	240	C17H36	000629-78-7	94
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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Quant Title : SVOA CALIBRATION

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

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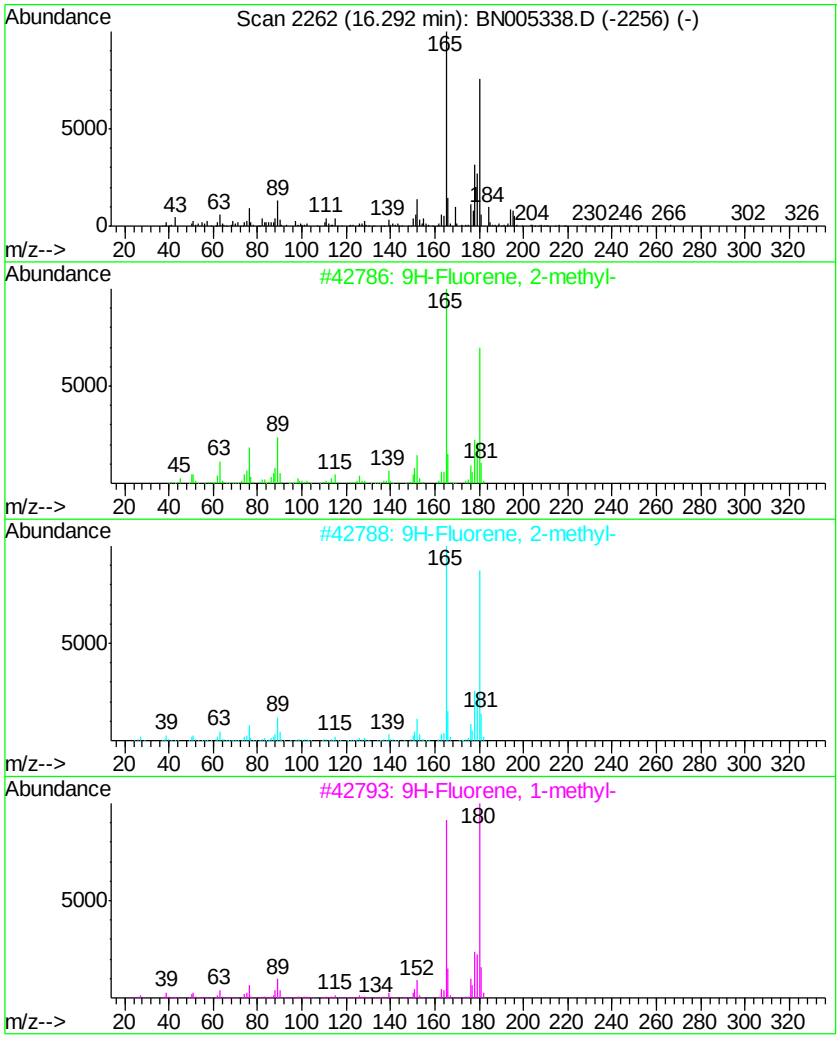
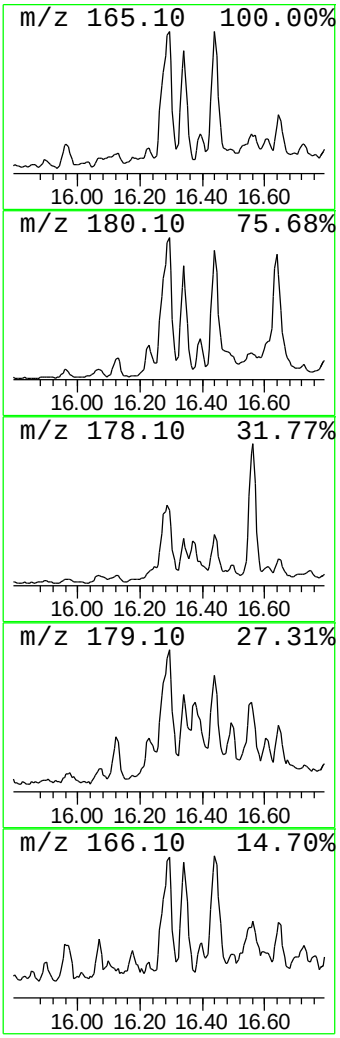
Peak Number 23 9H-Fluorene, 2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	8.38 ng/ul	2193180	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	83





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Sample : K2497-01 30X
Misc :
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ClientSampleId : GAHX7

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Quant Title : SVOA CALIBRATION

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

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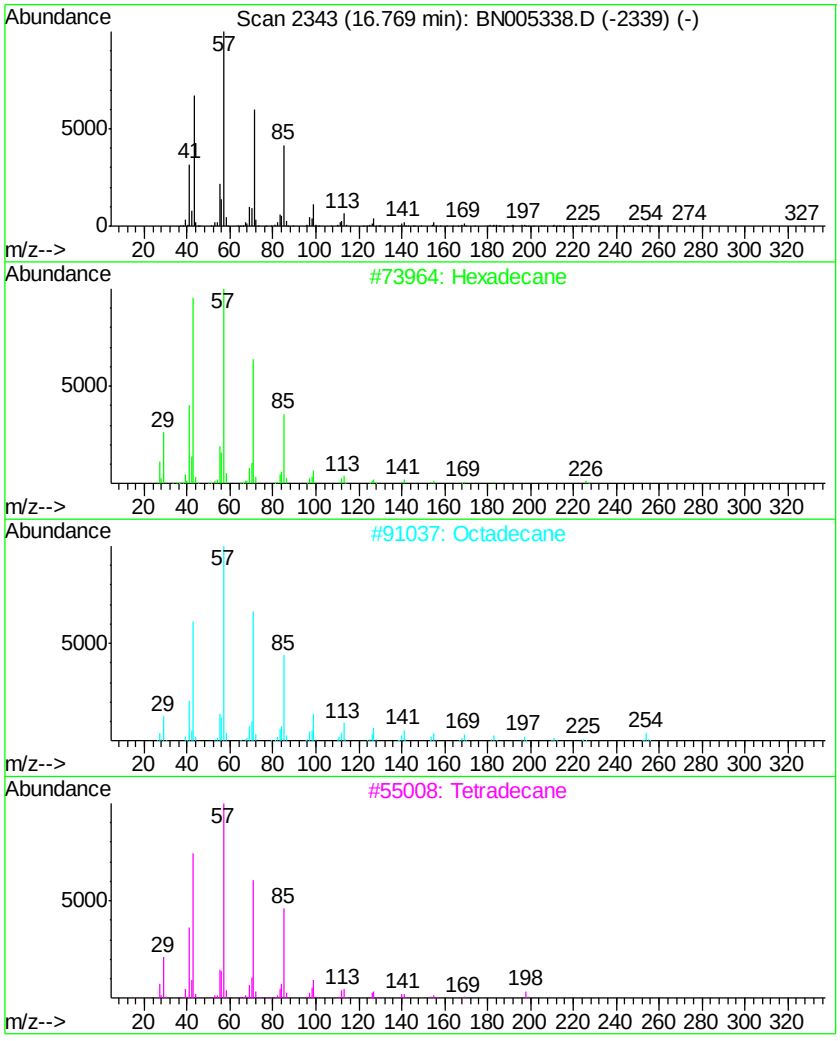
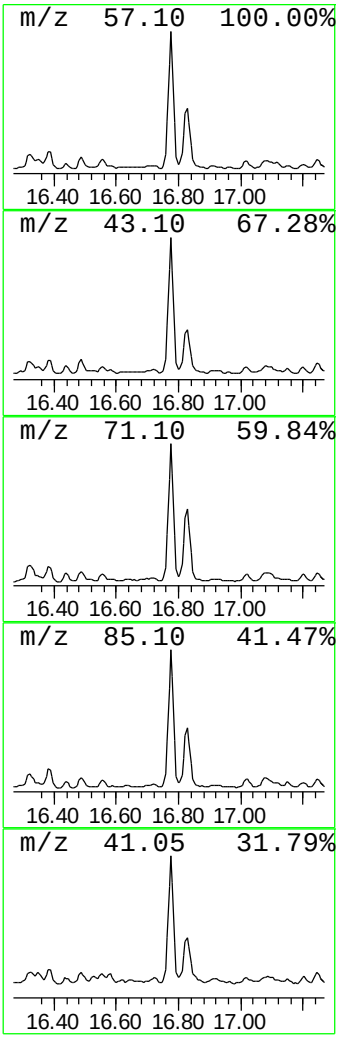
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	36.47 ng/ul	9546810	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Octadecane	254	C18H38	000593-45-3	95
3	Tetradecane	198	C14H30	000629-59-4	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

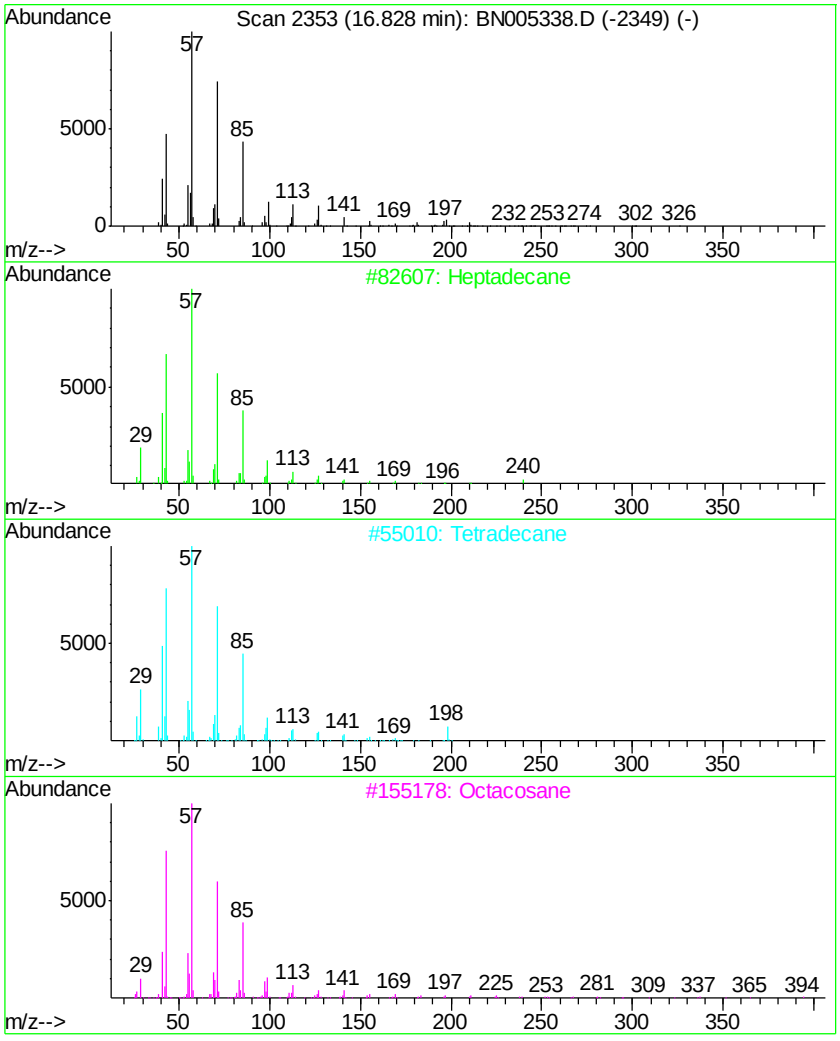
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

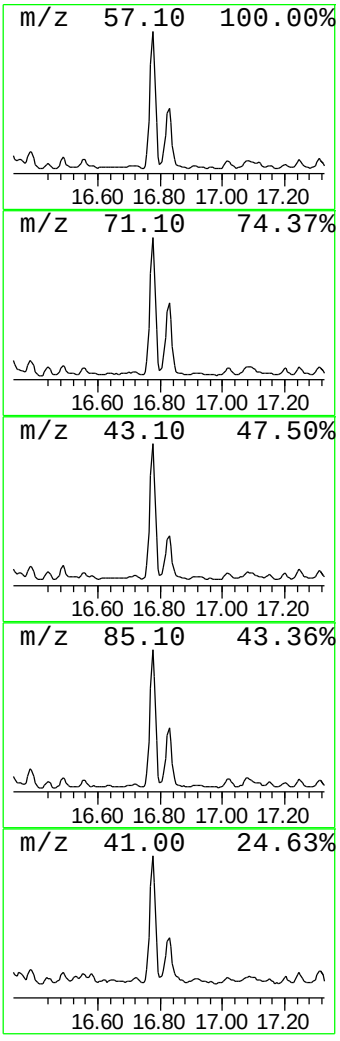
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	21.30 ng/ul	5575650	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	83
2	Tetradecane	198	C14H30	000629-59-4	83
3	Octacosane	394	C28H58	000630-02-4	78
4	Pentadecane	212	C15H32	000629-62-9	78
5	Decane, 3-methyl-	156	C11H24	013151-34-3	72





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Instrument : BNA_N
ClientSampleId : GAHX7

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Quant Title : SVOA CALIBRATION

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

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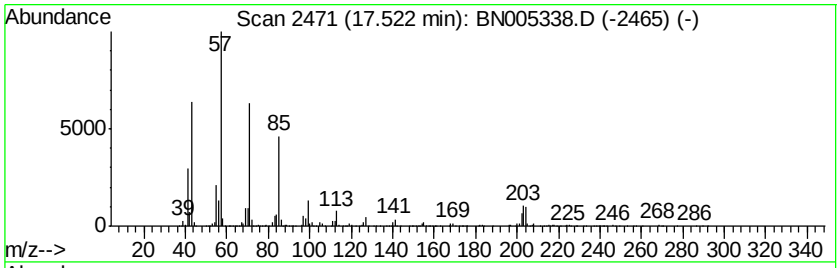
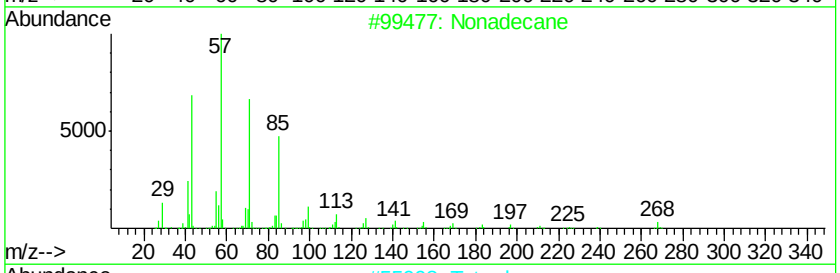
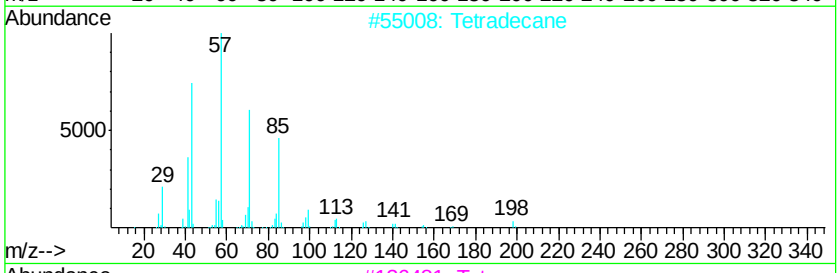
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 8

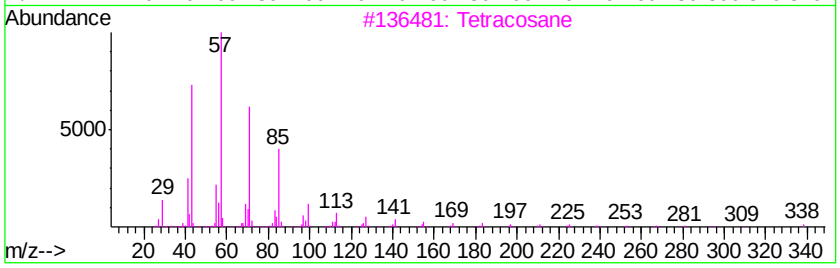
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	34.66 ng/ul	9073300	Phenanthrene-d10	16.98

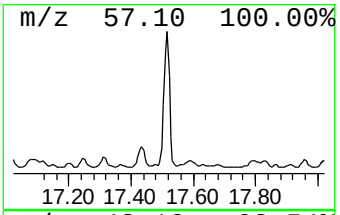
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Tetradecane	198	C14H30	000629-59-4	74
3	Tetracosane	338	C24H50	000646-31-1	74
4	Pentadecane	212	C15H32	000629-62-9	74
5	Pentadecane	212	C15H32	000629-62-9	74

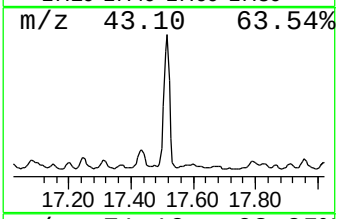


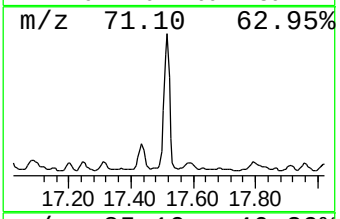


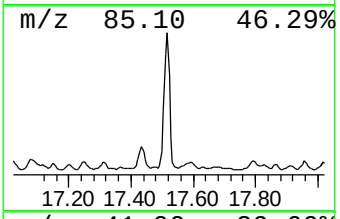


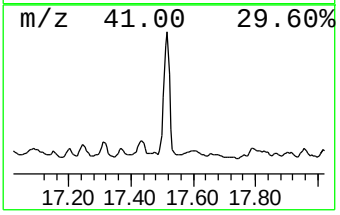












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Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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Quant Title : SVOA CALIBRATION

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

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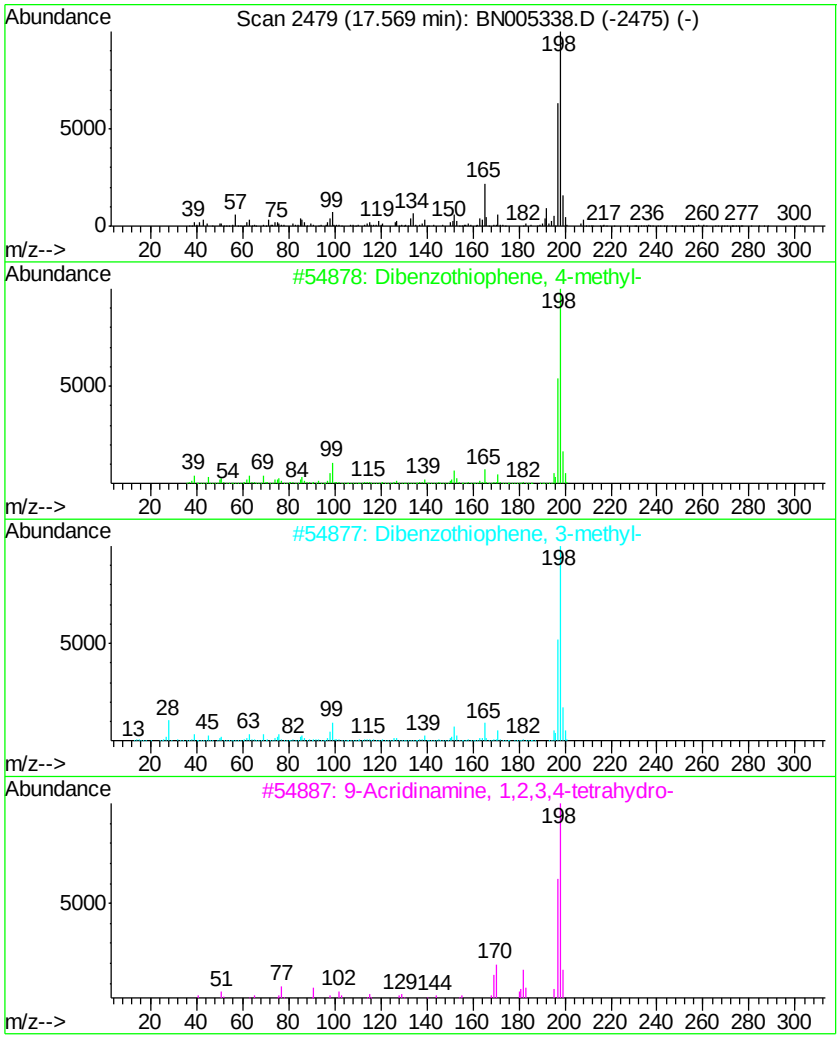
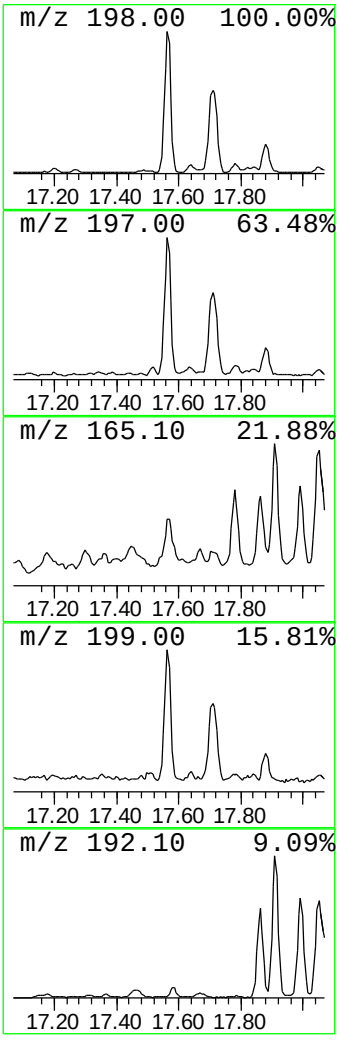
Peak Number 29 Dibenzothiophene, 4-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	5.55 ng/ul	1452320	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	81
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	81
3	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	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	59





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Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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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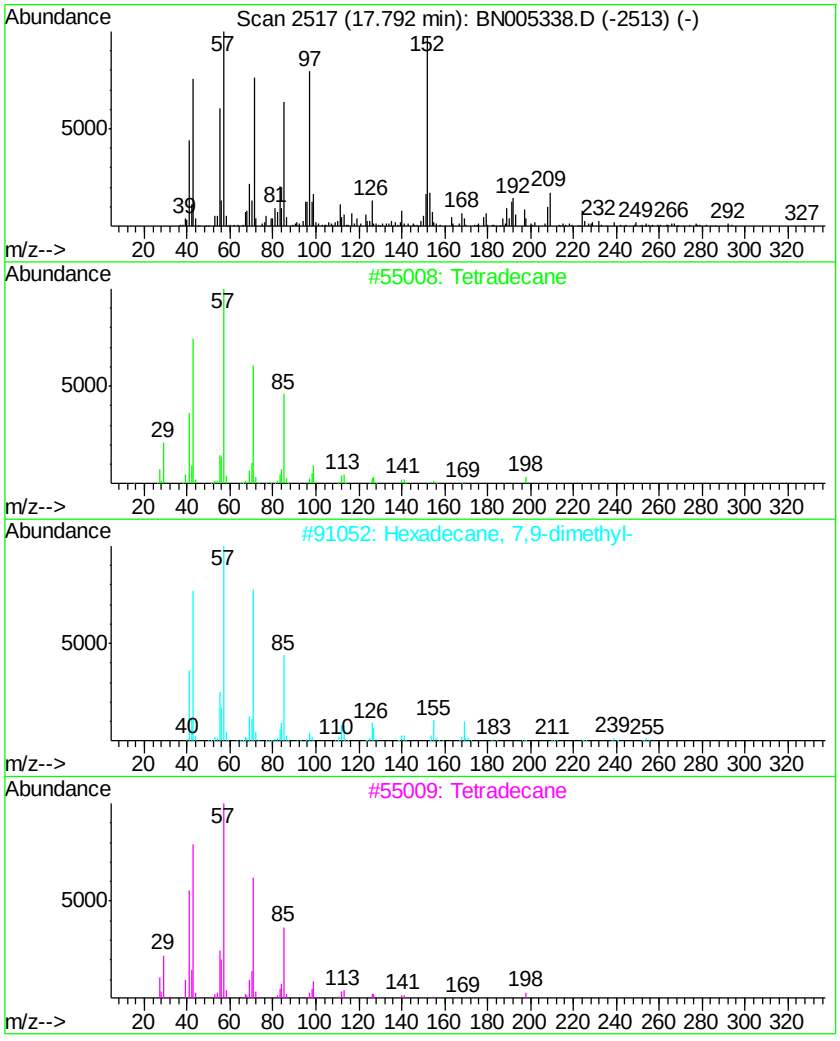
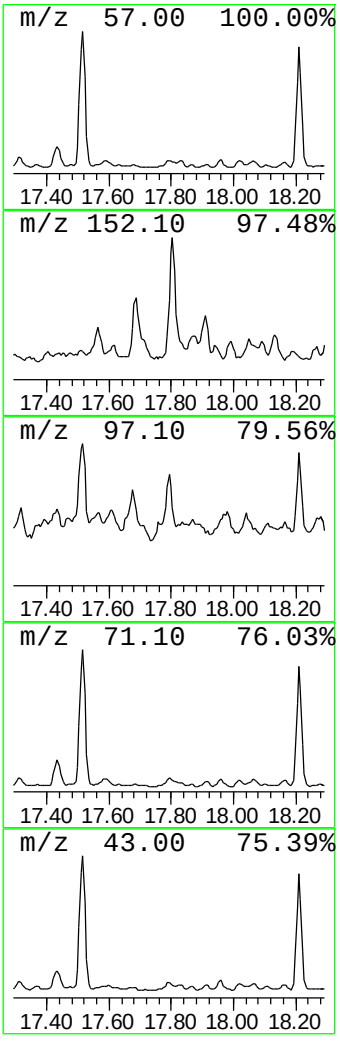
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	5.75 ng/ul	1504290	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	51
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	47
3	Tetradecane	198	C14H30	000629-59-4	35
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	30
5	1-Iodoundecane	282	C11H23I	004282-44-4	30





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Quant Title : SVOA CALIBRATION

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

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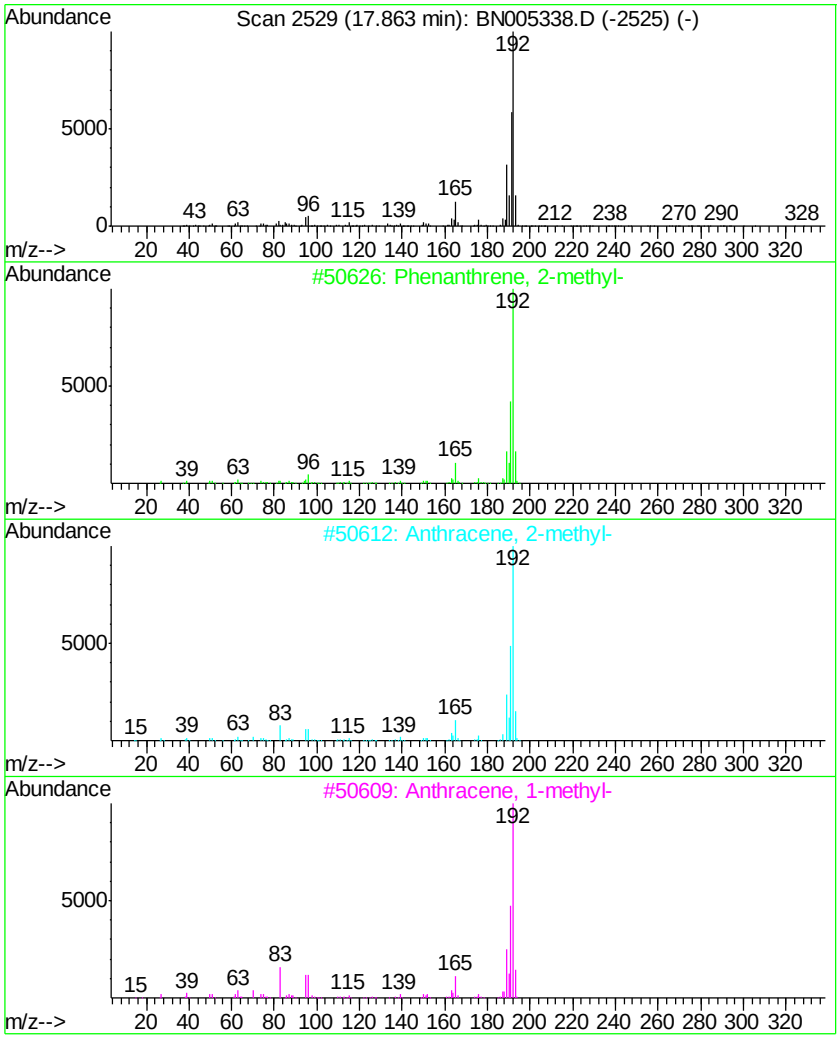
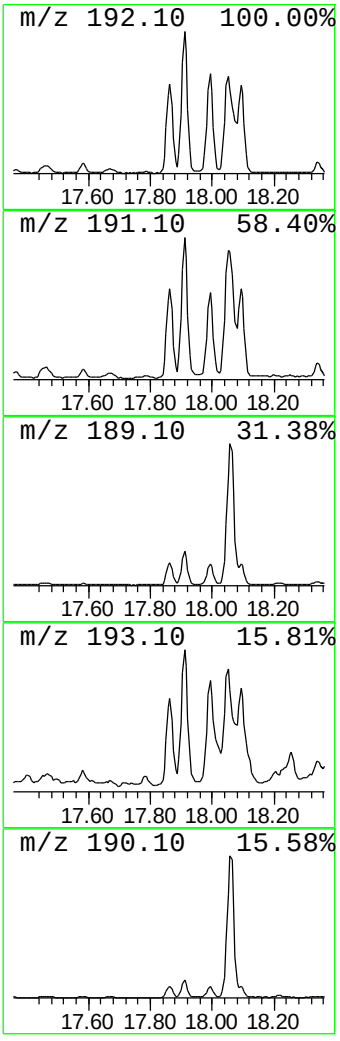
Peak Number 31 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	13.35 ng/ul	3493690	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Acq On : 27 Apr 2019 03:58
Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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Quant Title : SVOA CALIBRATION

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

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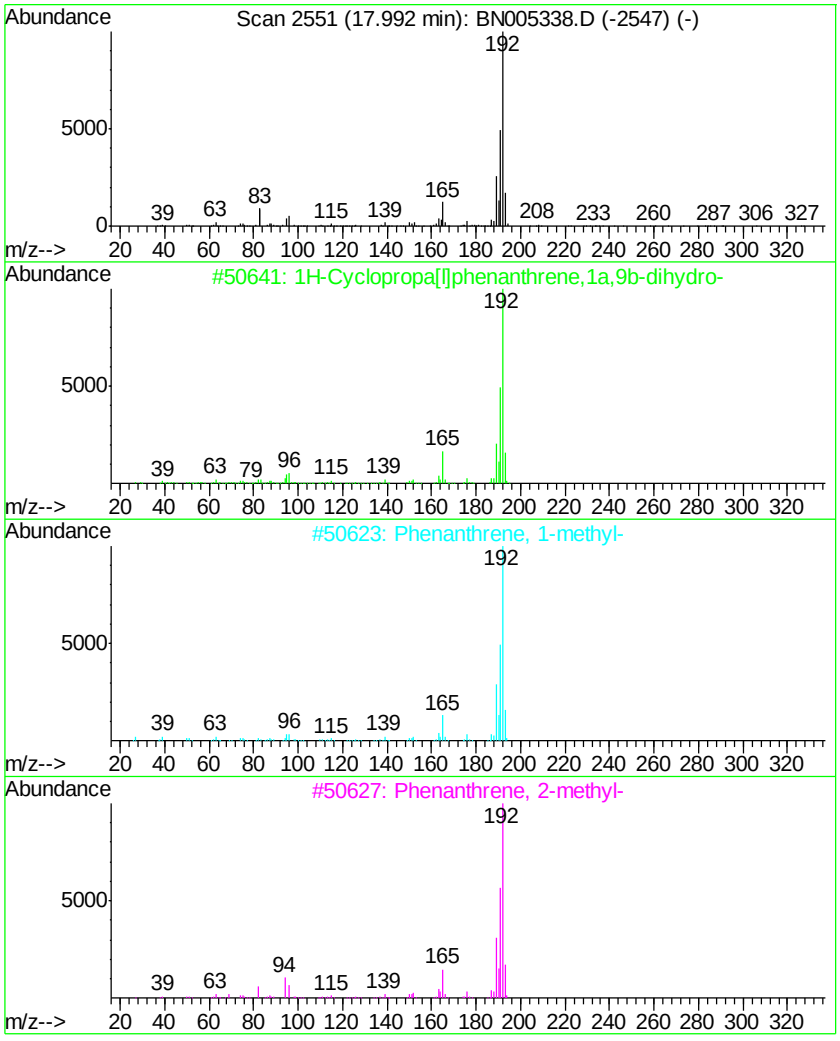
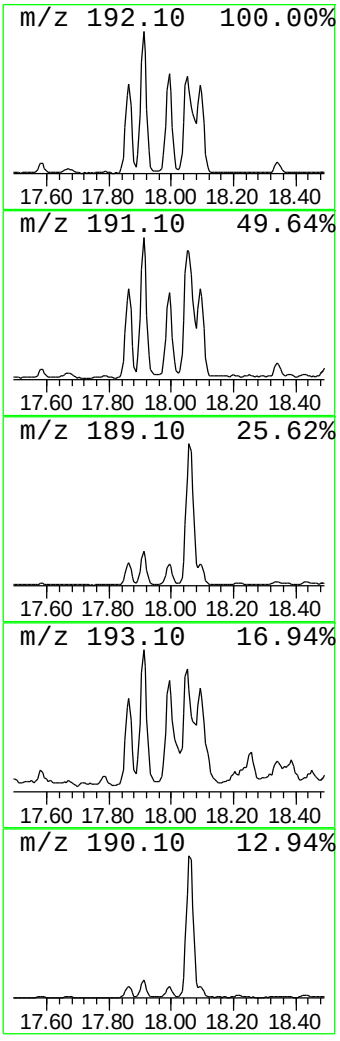
Peak Number 33 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	15.30 ng/ul	4005300	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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Quant Title : SVOA CALIBRATION

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

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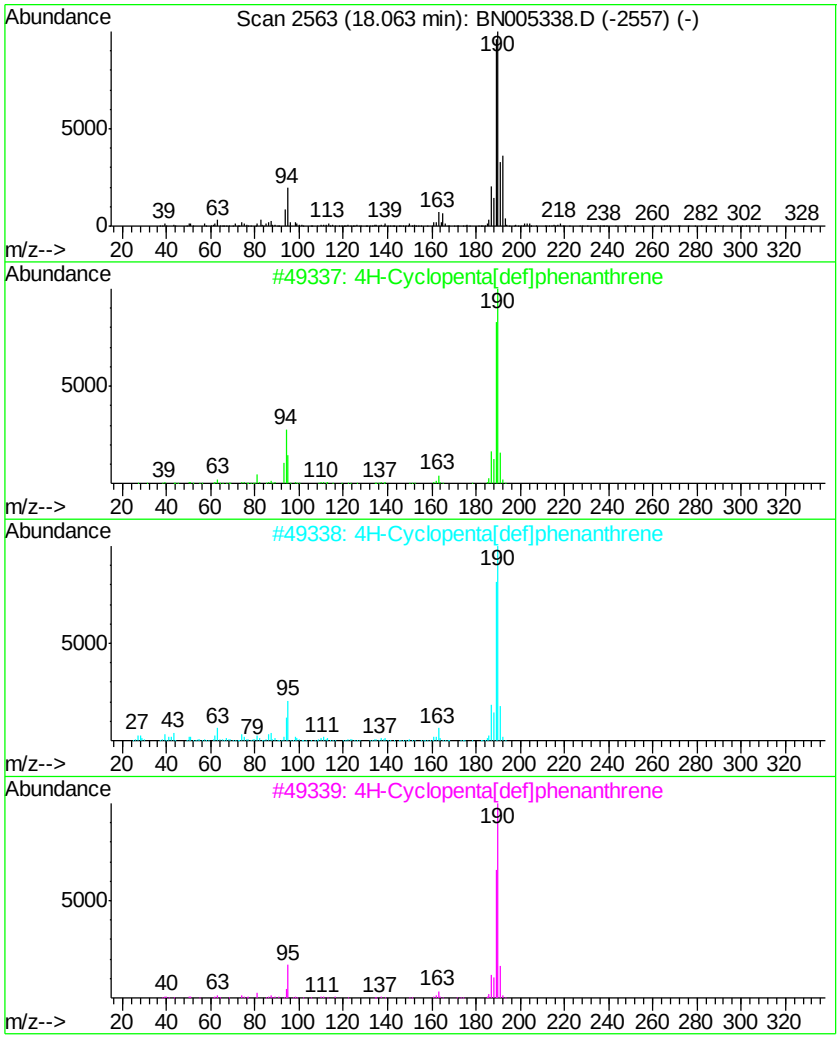
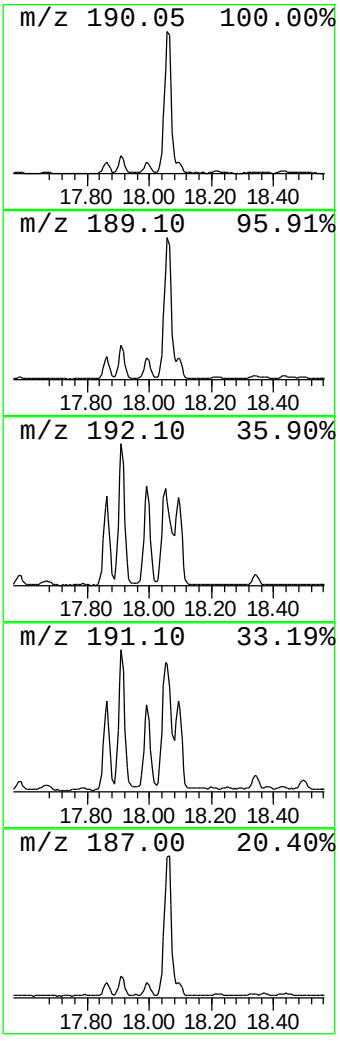
Peak Number 34 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	50.37 ng/ul	13184900	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53





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ClientSampleId : GAHX7

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Quant Title : SVOA CALIBRATION

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

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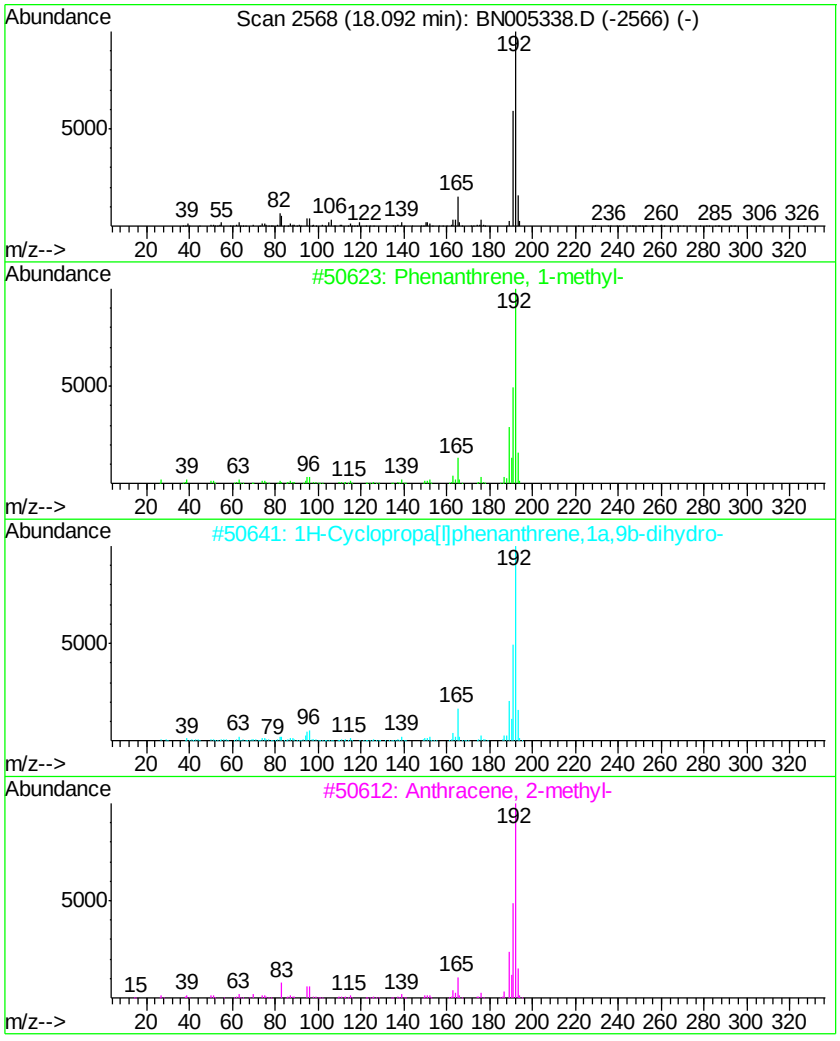
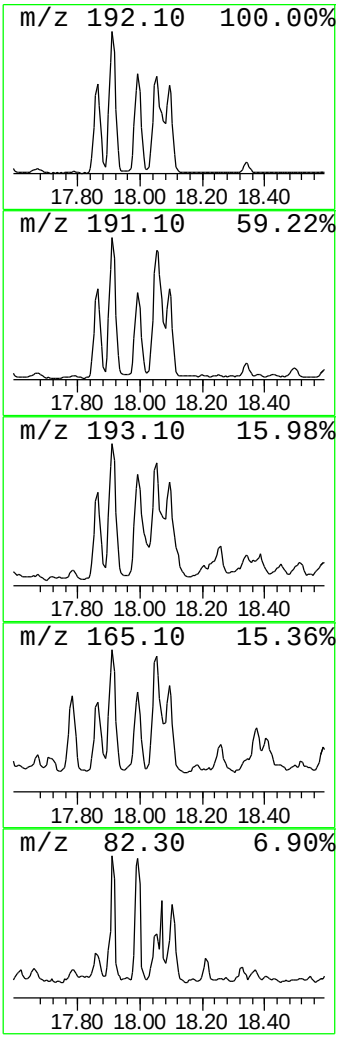
Peak Number 35 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	14.53 ng/ul	3802560	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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Quant Title : SVOA CALIBRATION

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

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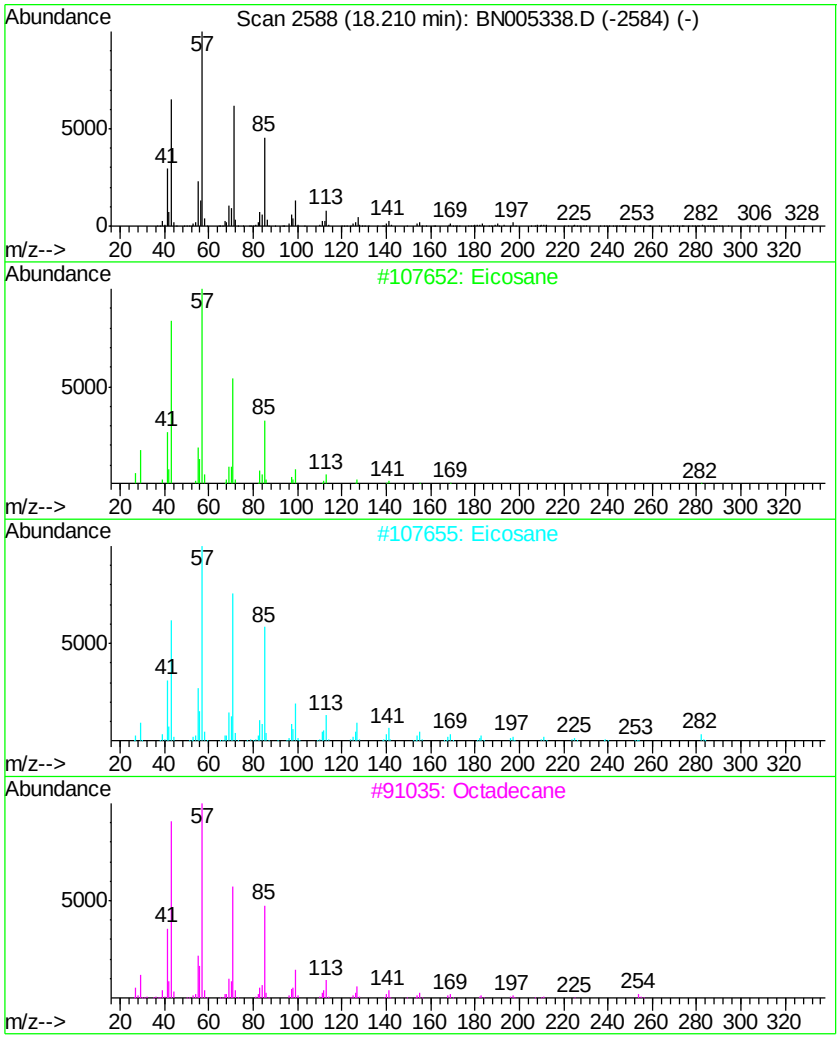
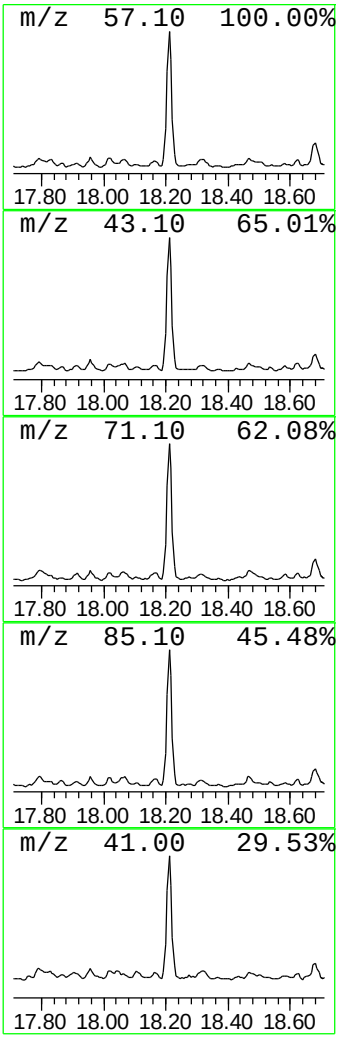
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	24.63 ng/ul	6447780	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Eicosane	282	C20H42	000112-95-8	97
3	Octadecane	254	C18H38	000593-45-3	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Nonadecane	268	C19H40	000629-92-5	91





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Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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Quant Title : SVOA CALIBRATION

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

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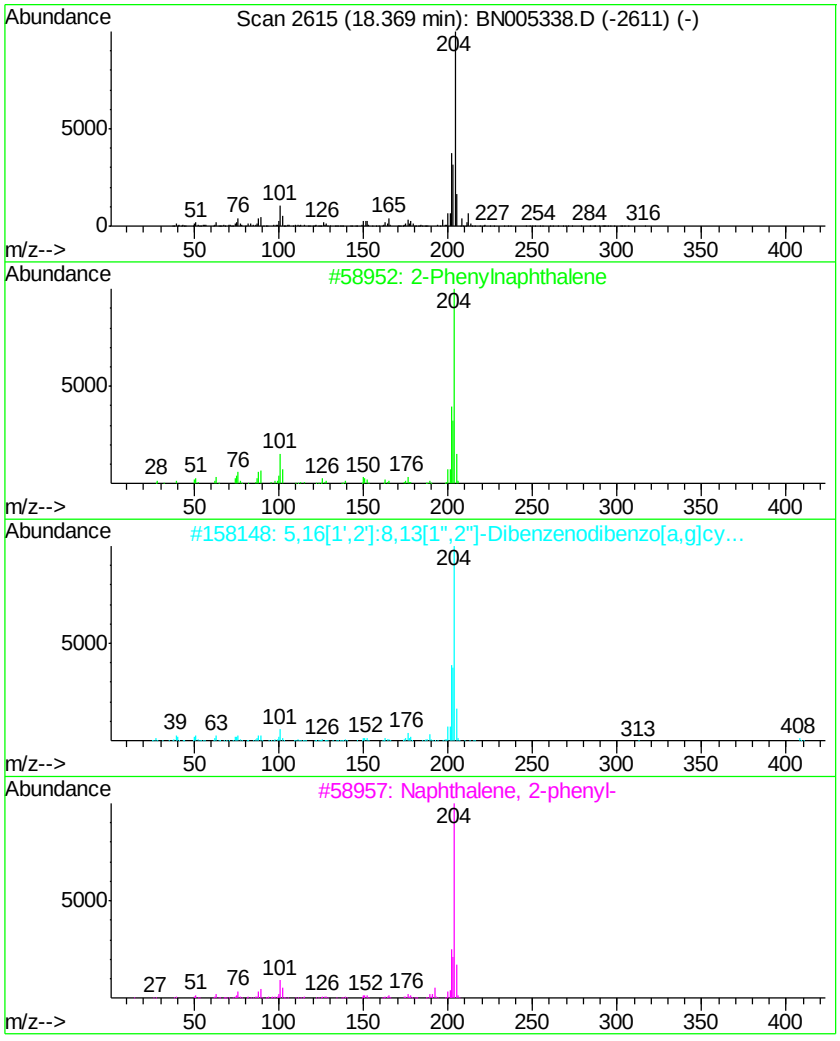
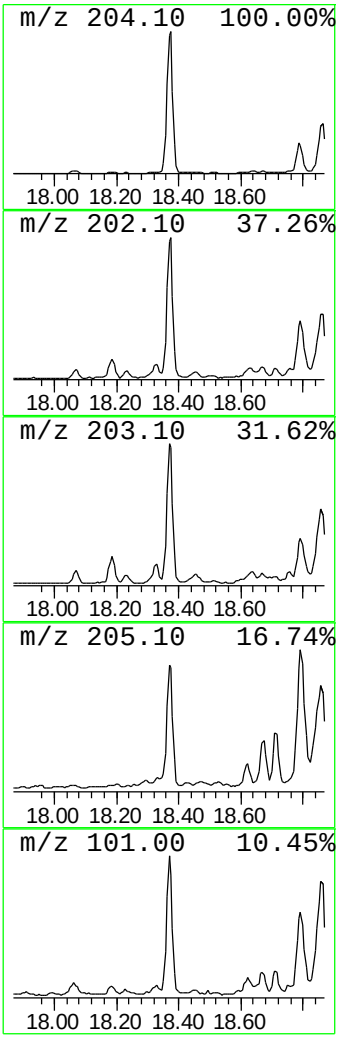
Peak Number 37 2-Phenylnaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	13.38 ng/ul	3502750	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Instrument : BNA_N
ClientSampleId : GAHX7

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Quant Title : SVOA CALIBRATION

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

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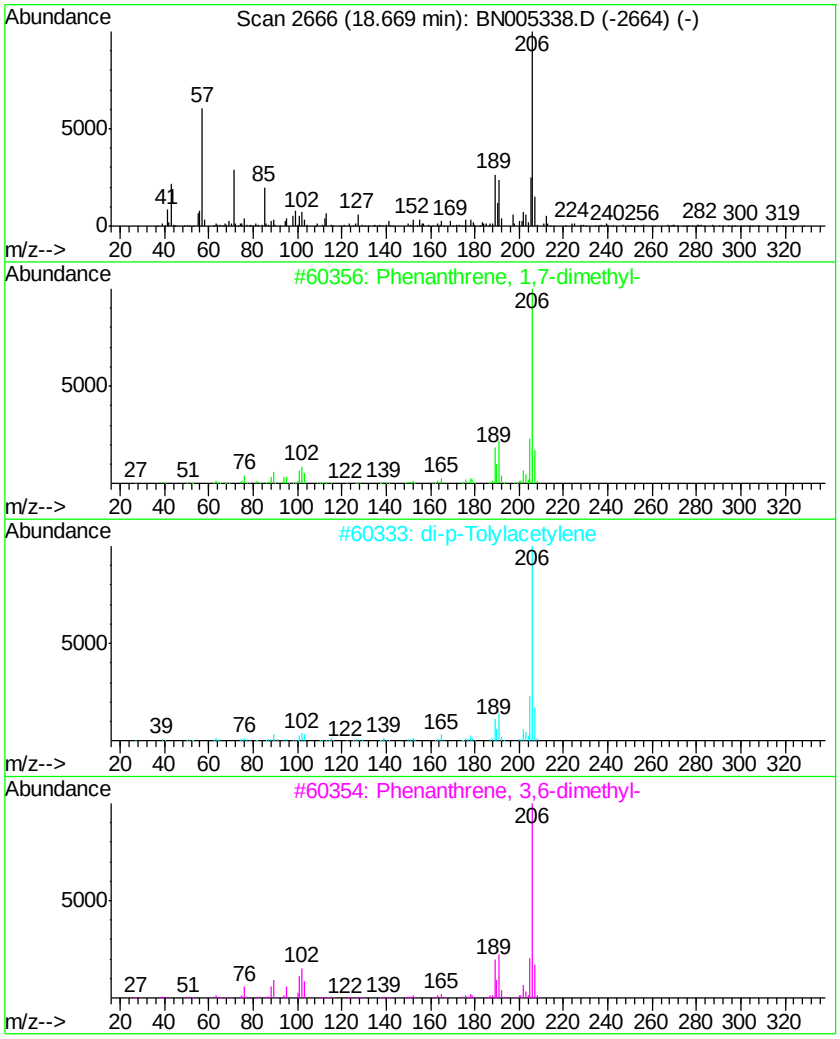
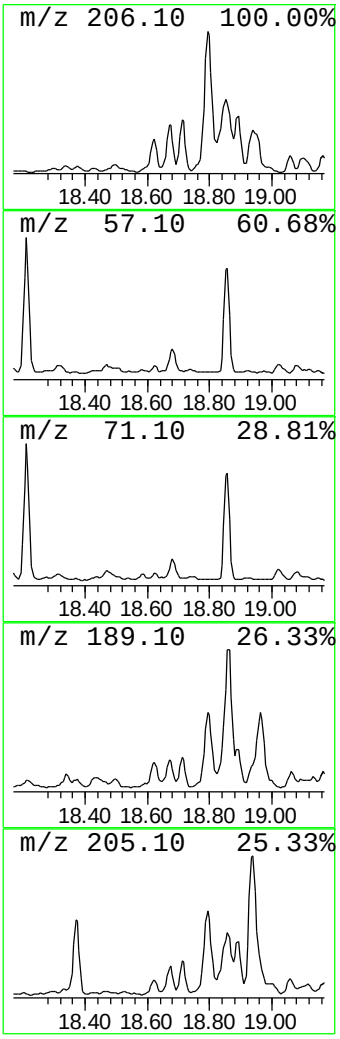
Peak Number 38 Phenanthrene, 1,7-dimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	5.69 ng/ul	1488180	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	86
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	78
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70





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Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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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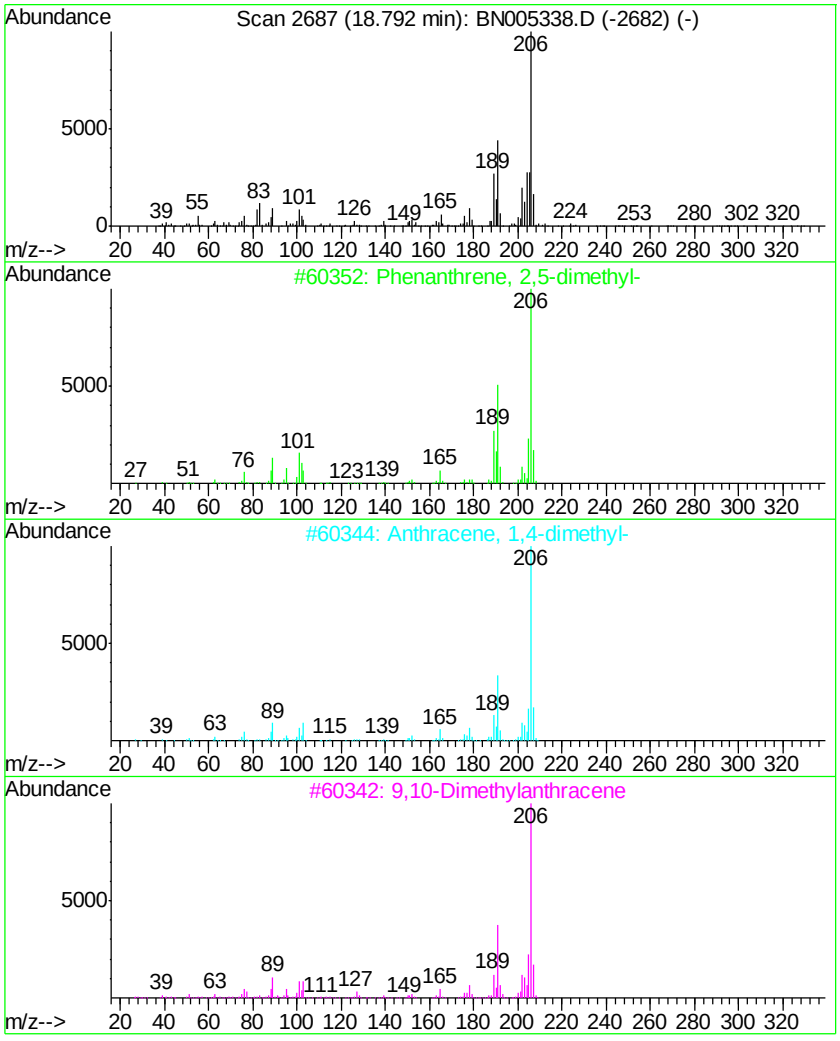
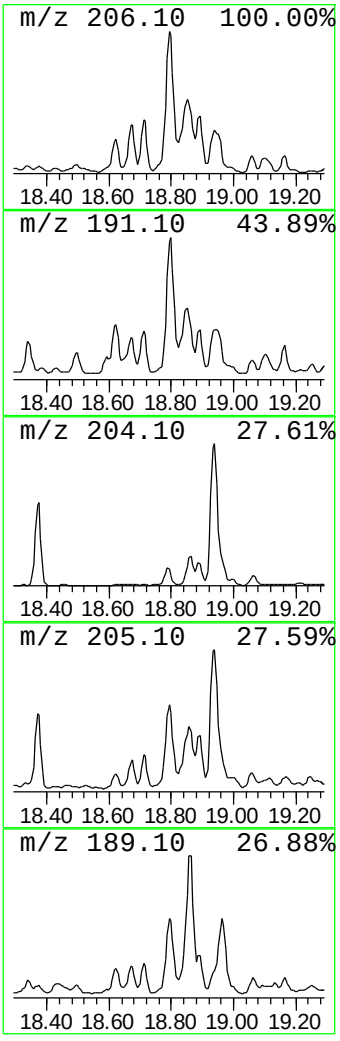
Peak Number 39 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	20.40 ng/ul	5340280	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76





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Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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Quant Title : SVOA CALIBRATION

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

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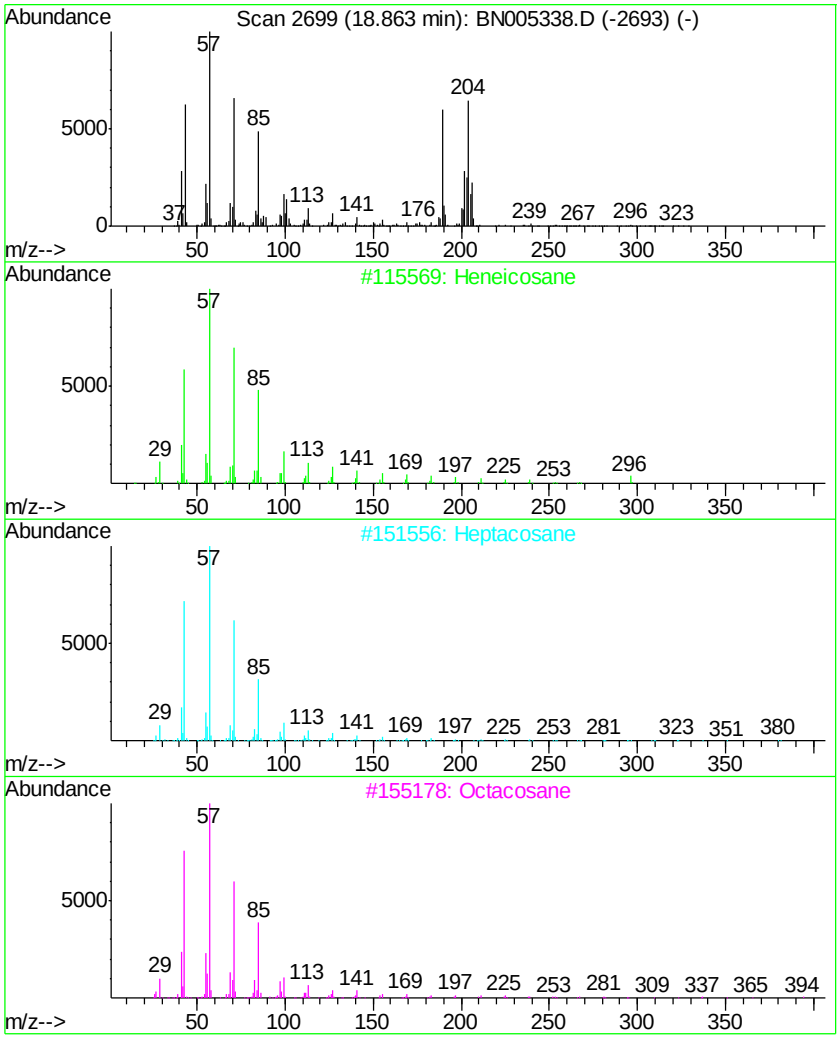
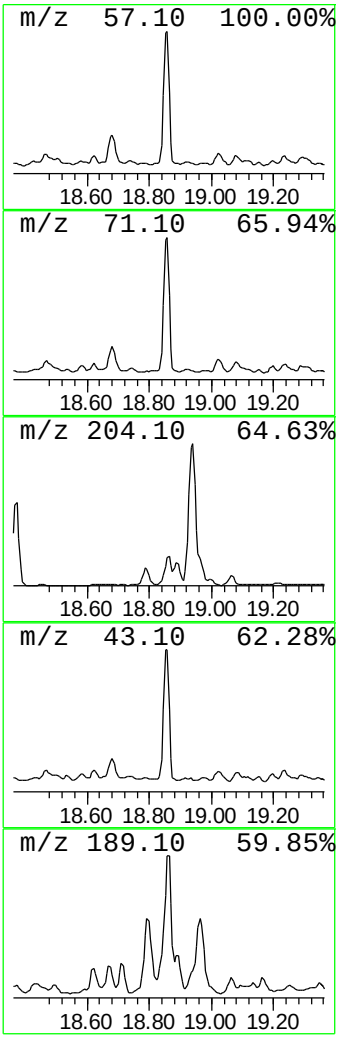
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	36.81 ng/ul	9634260	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Heptacosane	380	C27H56	000593-49-7	55
3	Octacosane	394	C28H58	000630-02-4	55
4	Heneicosane	296	C21H44	000629-94-7	55
5	Tetracosane	338	C24H50	000646-31-1	49





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Quant Title : SVOA CALIBRATION

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

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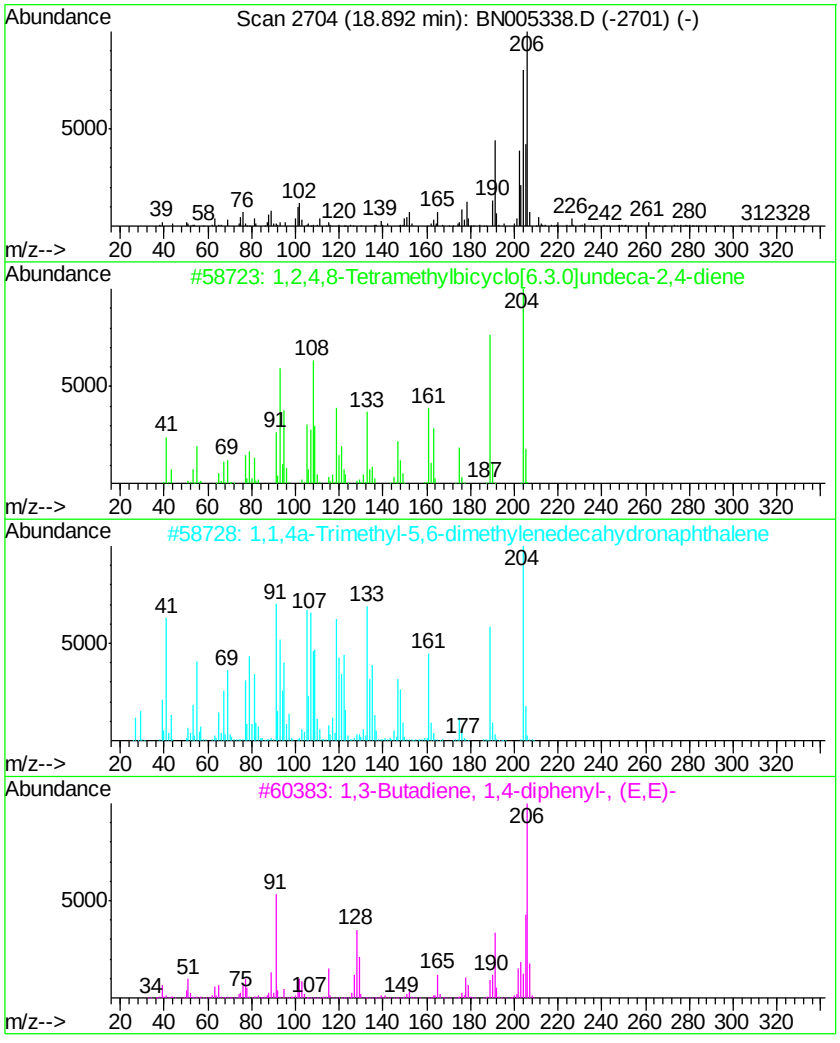
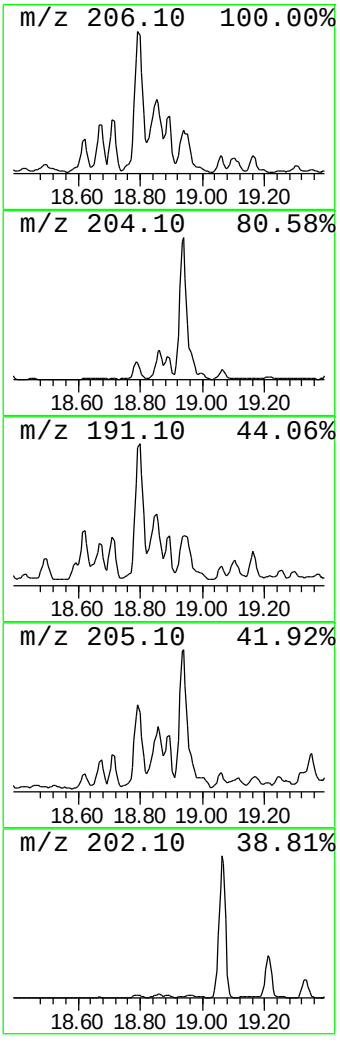
Peak Number 41 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	6.25 ng/ul	1636340	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	60
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	56
3	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	46
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	45
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	45





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Quant Title : SVOA CALIBRATION

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

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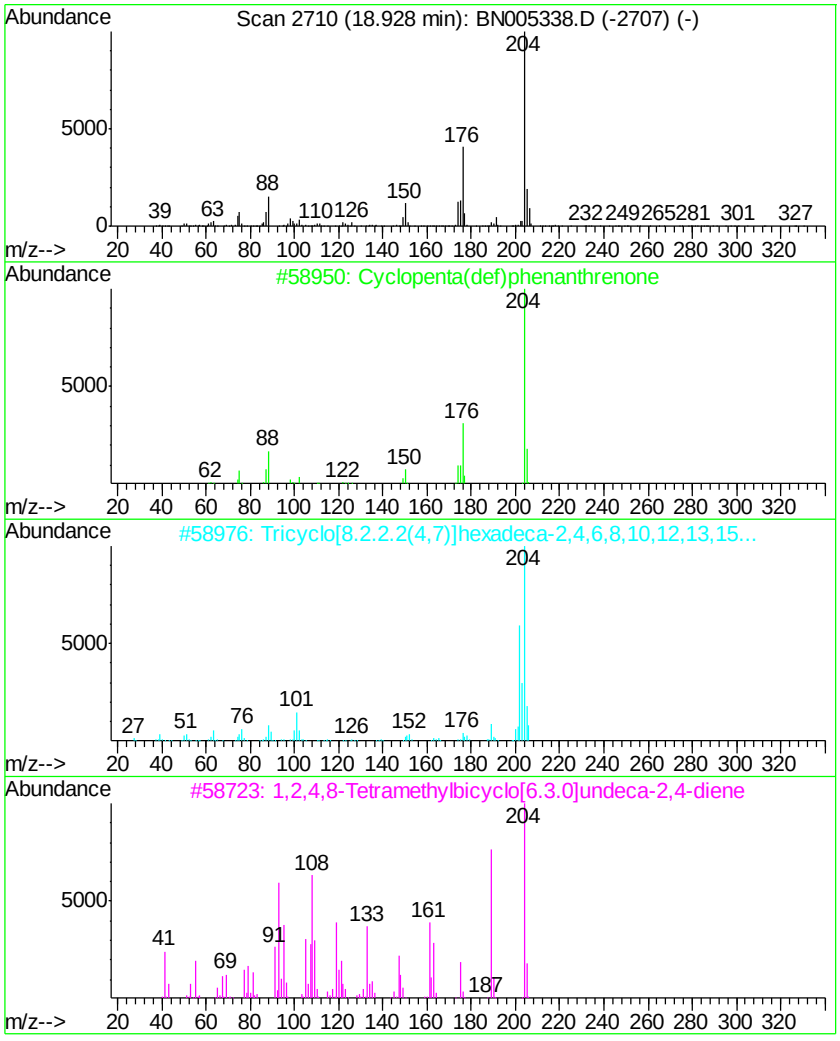
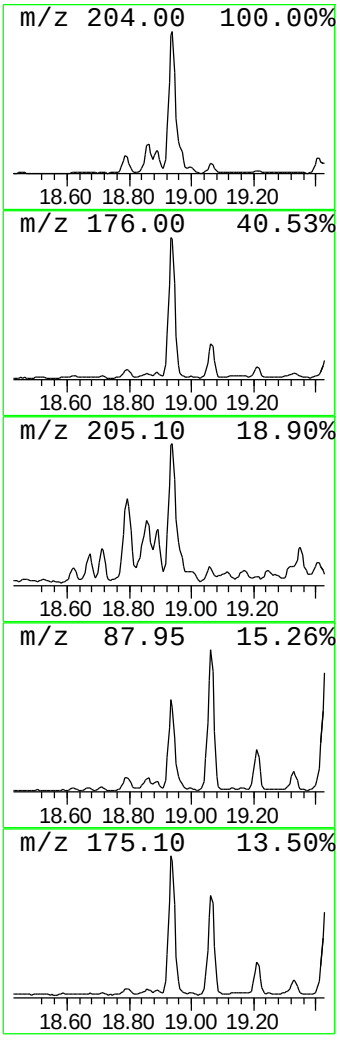
Peak Number 42 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	37.38 ng/ul	9783170	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	46
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43
5	Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	43





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

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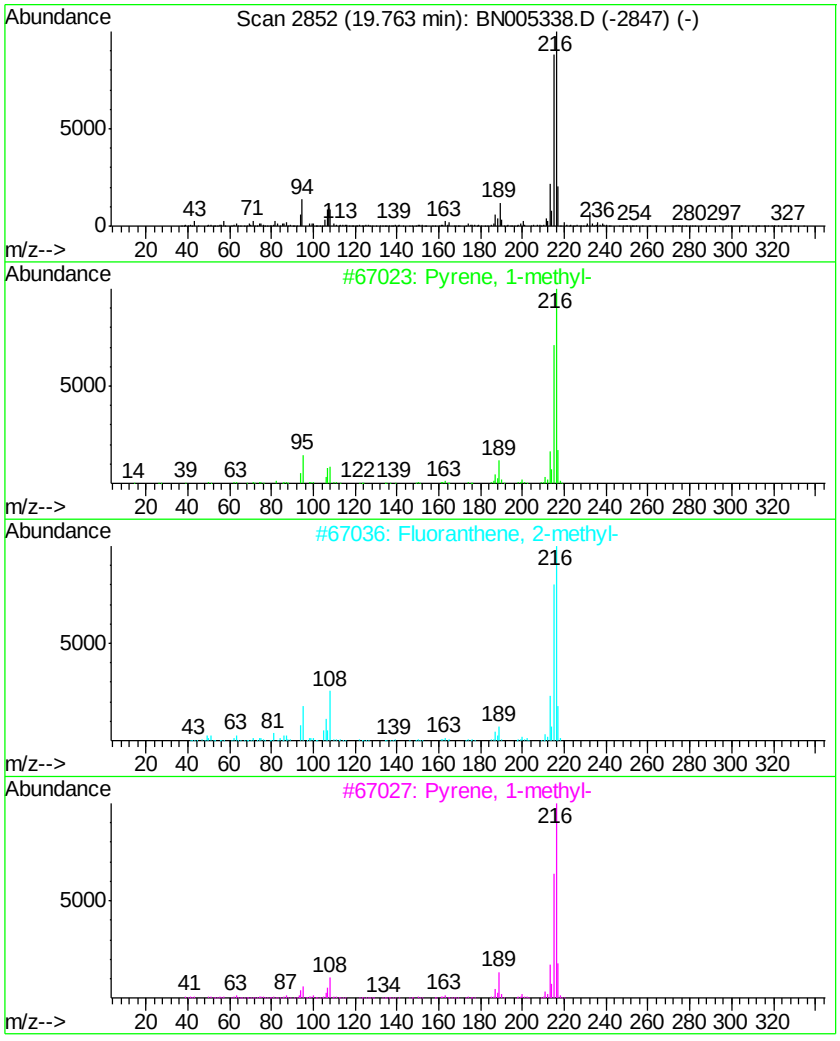
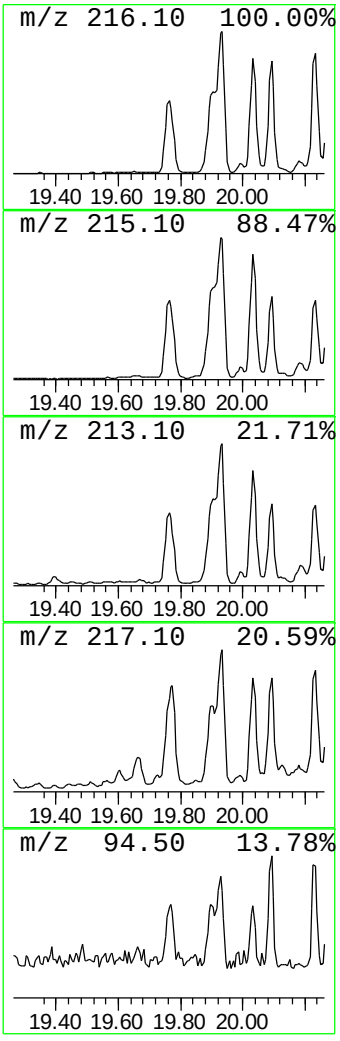
Peak Number 45 Pyrene, 1-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	6.36 ng/ul	7890280	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005338.D
Acq On : 27 Apr 2019 03:58
Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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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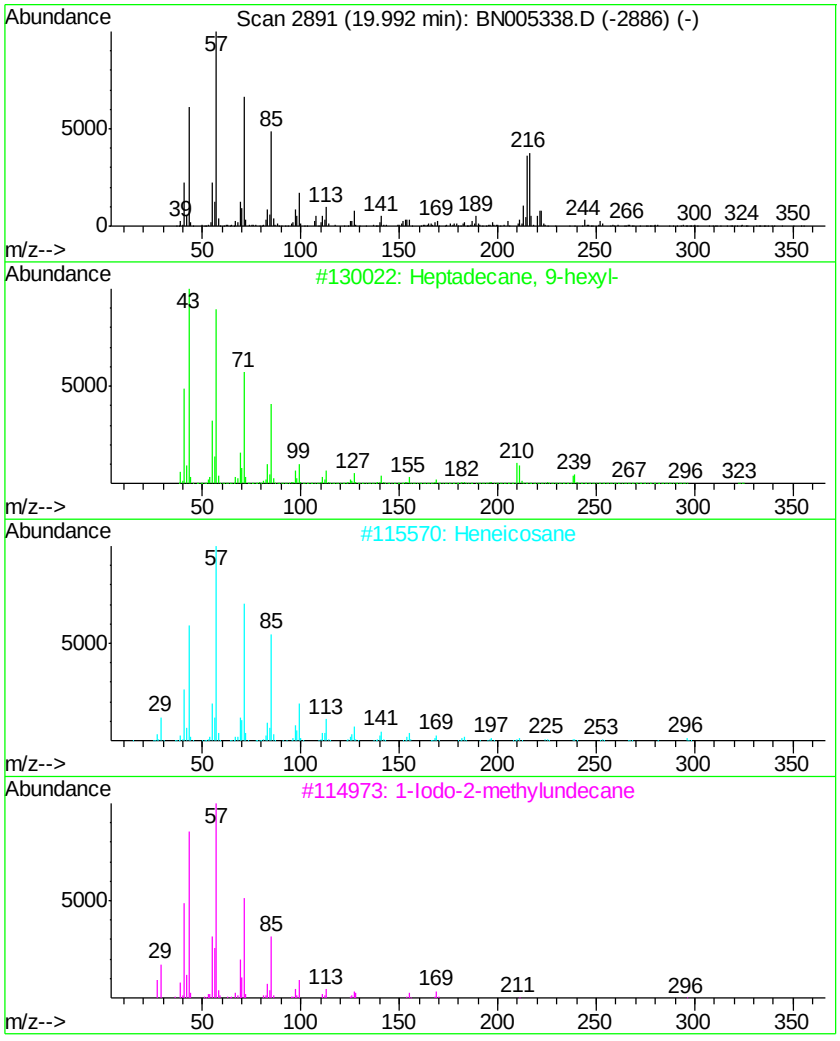
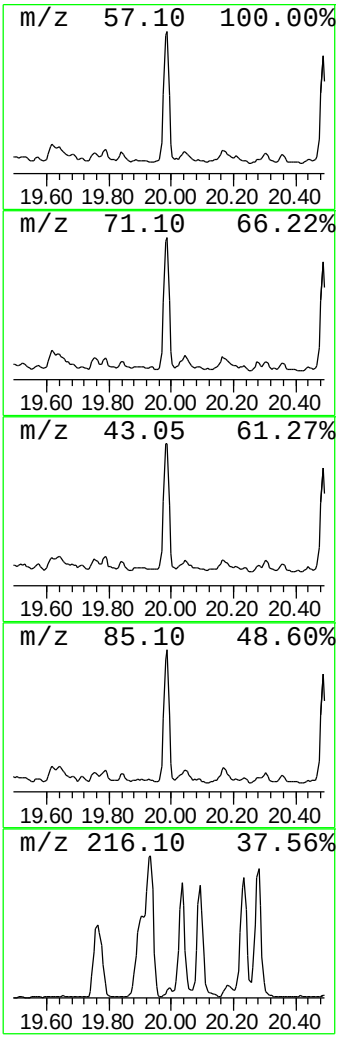
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	3.51 ng/ul	4350000	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	76
2	Heneicosane	296	C21H44	000629-94-7	76
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	76
4	Tetracosane	338	C24H50	000646-31-1	76
5	Eicosane	282	C20H42	000112-95-8	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005338.D
Acq On : 27 Apr 2019 03:58
Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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

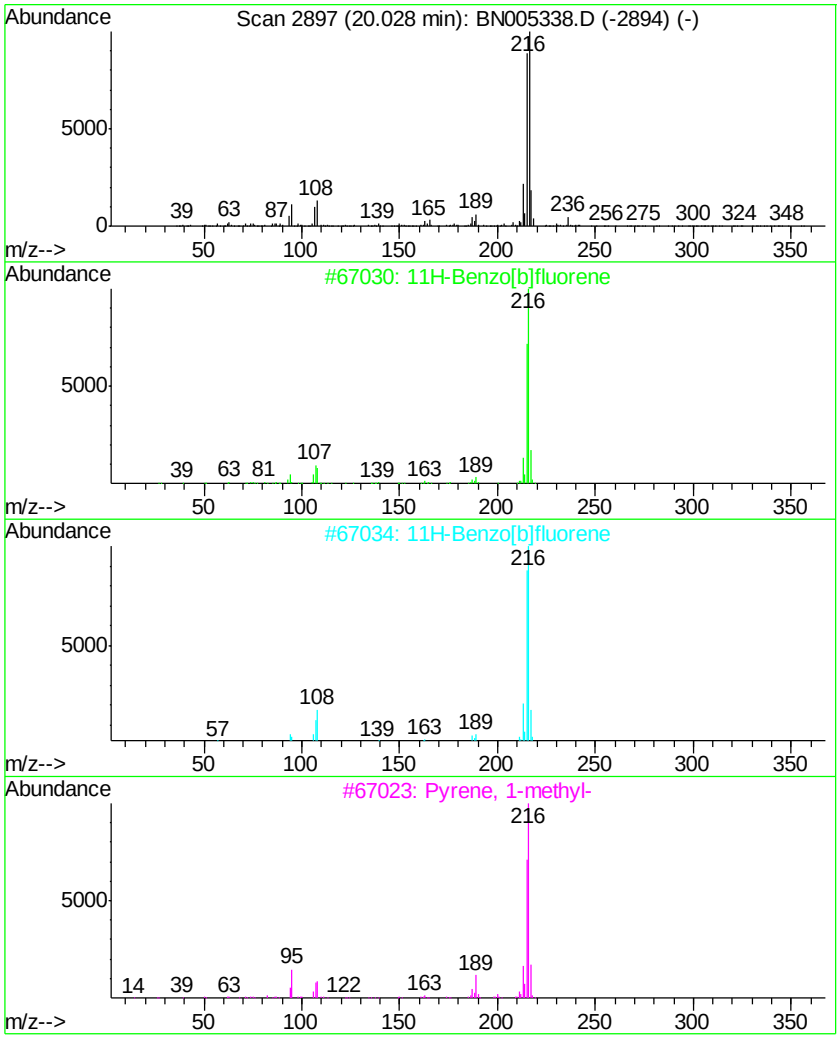
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

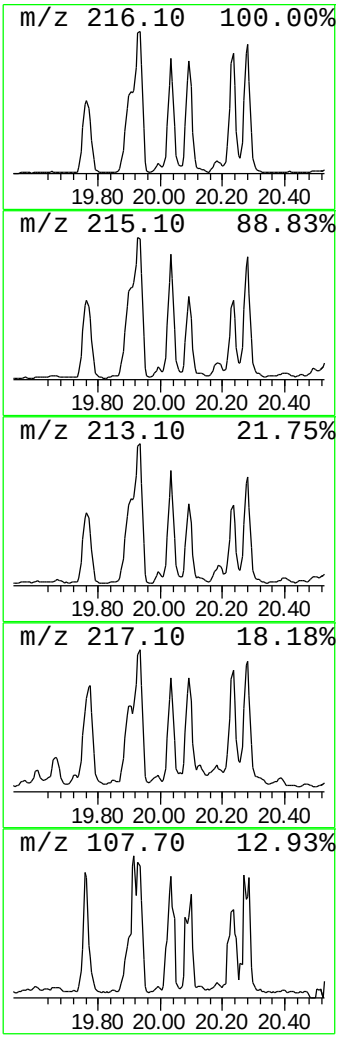
****

Peak Number 49 11H-Benzo[b]fluorene Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	4.40 ng/ul	5459110	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005338.D
Acq On : 27 Apr 2019 03:58
Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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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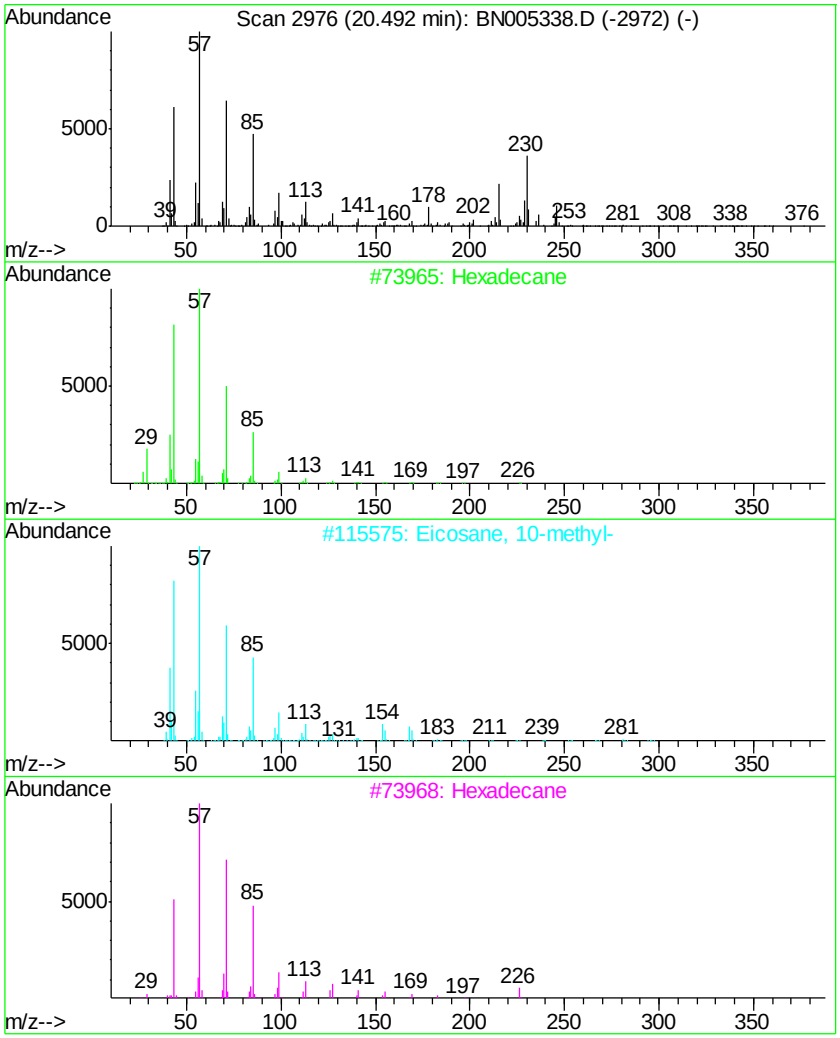
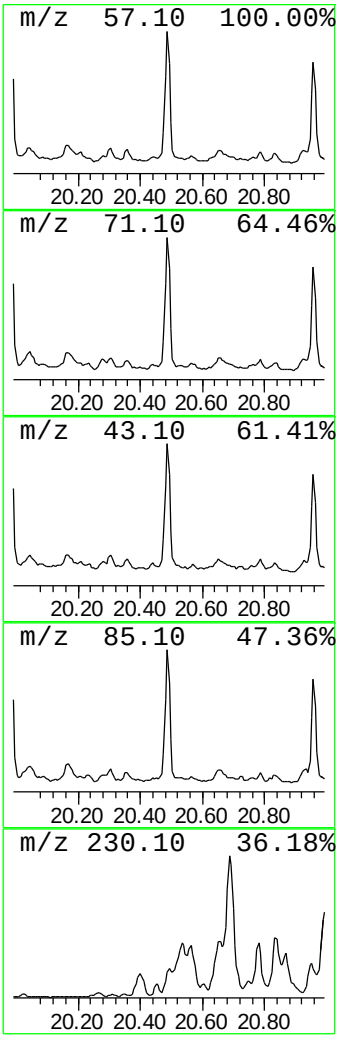
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	2.72 ng/ul	3367280	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
3	Hexadecane	226	C16H34	000544-76-3	78
4	Hexadecane	226	C16H34	000544-76-3	70
5	Heneicosane	296	C21H44	000629-94-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005338.D
Acq On : 27 Apr 2019 03:58
Operator : JU/SJ
Sample : K2497-01 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX7

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
(DEL) Alkane: Str...	10.53	4.1	ng/ul	1486850	2	10.35	7309000	20.0
(DEL) Alkane: Str...	11.40	8.2	ng/ul	2990730	2	10.35	7309000	20.0
(DEL) Alkane: Str...	11.80	22.3	ng/ul	8161970	2	10.35	7309000	20.0
Naphthalene, 1-me...	12.25	6.9	ng/ul	2506660	2	10.35	7309000	20.0
2-Octenal, (E)-	12.49	4.5	ng/ul	1390150	3	14.23	6229310	20.0
(DEL) Alkane: Str...	12.63	5.1	ng/ul	1581220	3	14.23	6229310	20.0
(DEL) Alkane: Str...	12.78	8.9	ng/ul	2771680	3	14.23	6229310	20.0
Naphthalene, 1,5-...	13.38	7.1	ng/ul	2214040	3	14.23	6229310	20.0
Naphthalene, 2,3-...	13.55	9.3	ng/ul	2891690	3	14.23	6229310	20.0
(DEL) Alkane: Str...	13.73	12.5	ng/ul	3904880	3	14.23	6229310	20.0
(DEL) Alkane: Str...	14.16	37.7	ng/ul	11749700	3	14.23	6229310	20.0
Naphthalene, 1,4,...	14.71	5.4	ng/ul	1684990	3	14.23	6229310	20.0
(DEL) Alkane: Str...	14.78	9.6	ng/ul	2995410	3	14.23	6229310	20.0
Naphthalene, 2,3,...	15.02	5.4	ng/ul	1695180	3	14.23	6229310	20.0
(DEL) Alkane: Str...	15.12	37.1	ng/ul	11548900	3	14.23	6229310	20.0
(DEL) Alkane: Str...	15.52	20.6	ng/ul	6414850	3	14.23	6229310	20.0
(DEL) Alkane: Cyc...	15.67	7.7	ng/ul	2020970	4	16.98	5235020	20.0
Dibenzofuran, 4-m...	15.73	10.5	ng/ul	2748410	4	16.98	5235020	20.0
(DEL) Alkane: Str...	15.98	50.9	ng/ul	13334100	4	16.98	5235020	20.0
9H-Fluorene, 2-me...	16.29	8.4	ng/ul	2193180	4	16.98	5235020	20.0
(DEL) Alkane: Str...	16.77	36.5	ng/ul	9546810	4	16.98	5235020	20.0
(DEL) Alkane: Str...	16.83	21.3	ng/ul	5575650	4	16.98	5235020	20.0
(DEL) Alkane: Str...	17.52	34.7	ng/ul	9073300	4	16.98	5235020	20.0
Dibenzothiophene,...	17.57	5.5	ng/ul	1452320	4	16.98	5235020	20.0
(DEL) Alkane: Str...	17.79	5.8	ng/ul	1504290	4	16.98	5235020	20.0
Phenanthrene, 2-m...	17.86	13.4	ng/ul	3493690	4	16.98	5235020	20.0
1H-Cyclopropa[l]p...	17.99	15.3	ng/ul	4005300	4	16.98	5235020	20.0
4H-Cyclopenta[def...	18.06	50.4	ng/ul	13184900	4	16.98	5235020	20.0
Phenanthrene, 1-m...	18.09	14.5	ng/ul	3802560	4	16.98	5235020	20.0
(DEL) Alkane: Str...	18.21	24.6	ng/ul	6447780	4	16.98	5235020	20.0
2-Phenylnaphthalene	18.37	13.4	ng/ul	3502750	4	16.98	5235020	20.0
Phenanthrene, 1,7...	18.67	5.7	ng/ul	1488180	4	16.98	5235020	20.0
Phenanthrene, 2,5...	18.79	20.4	ng/ul	5340280	4	16.98	5235020	20.0
(DEL) Alkane: Str...	18.86	36.8	ng/ul	9634260	4	16.98	5235020	20.0
1,2,4,8-Tetrameth...	18.89	6.3	ng/ul	1636340	4	16.98	5235020	20.0
Cyclopenta(def)ph...	18.93	37.4	ng/ul	9783170	4	16.98	5235020	20.0
Pyrene, 1-methyl-	19.76	6.4	ng/ul	7890280	5	21.22	24799000	20.0
(DEL) Alkane: Str...	19.99	3.5	ng/ul	4350000	5	21.22	24799000	20.0
11H-Benzo[b]fluorene	20.03	4.4	ng/ul	5459110	5	21.22	24799000	20.0
(DEL) Alkane: Str...	20.49	2.7	ng/ul	3367280	5	21.22	24799000	20.0