LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005595.D
Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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	5.617	442	447	459	rVB3	233996	616783	2.41%	0.224%
2	6.764	634	642	648	rVV2	334792	702051	2.74%	0.254%
3	7.122	698	703	710	rVV	363779	616667	2.41%	0.223%
4	7.240	714	723	731	rVV3	946038	1902025	7.42%	0.689%
5	7.581	773	781	791	rBV	471138	818093	3.19%	0.296%
6	8.105	860	870	878	rBV	2106750	3515696	13.72%	1.274%
7	8.287	895	901	907	rVV	384379	688827	2.69%	0.250%
8	8.728	970	976	984	rVV	366756	790345	3.08%	0.286%
9	8.799	984	988	992	rVV	569342	815023	3.18%	0.295%
10	9.781	1146	1155	1161	rVV3	926417	2240429	8.74%	0.812%
11	9.846	1161	1166	1170	rVV	685213	1256066	4.90%	0.455%
12	9.887	1170	1173	1179	rVV3	373829	604624	2.36%	0.219%
13	9.975	1180	1188	1195	rVB	467966	895336	3.49%	0.324%
14	10.334	1241	1249	1254	rVV2	1862200	3400644	13.27%	1.232%
15	10.405	1254	1261	1267	rVV	14269869	25628118	100.00%	9.288%
16	10.487	1267	1275	1276	rVV	387717	720310	2.81%	0.261%
17	10.516	1276	1280	1285	rVV2	639794	1112827	4.34%	0.403%
18	11.269	1400	1408	1415	rVB5	264668	613790	2.39%	0.222%
19	11.381	1415	1427	1431	rBV2	695791	1417883	5.53%	0.514%
20	11.787	1490	1496	1504	rBV	2112063	3227728	12.59%	1.170%
21	12.022	1526	1536	1543	rVB	13155489	21636014	84.42%	7.841%
22	12.240	1561	1573	1582	rVV	6680447	11226304	43.80%	4.068%
23	12.481	1609	1614	1620	rVV4	334910	723970	2.82%	0.262%
24	12.757	1656	1661	1665	rVV	709588	990535	3.87%	0.359%
25	13.052	1702	1711	1718	rBV2	3314356	5764059	22.49%	2.089%
26	13.240	1736	1743	1758	rVB	1214707	2884978	11.26%	1.046%
27	13.375	1759	1766	1768	rBV	2869954	4713994	18.39%	1.708%
28	13.540	1787	1794	1799	rBV	3699985	6590107	25.71%	2.388%
29	13.593	1799	1803	1807	rVV	2298928	3183152	12.42%	1.154%
30	13.634	1807	1810	1813	rVV	800385	1034456	4.04%	0.375%
31	13.669	1813	1816	1821	rVV	1776073	2381508	9.29%	0.863%
32	13.716	1821	1824	1828	rVB2	780241	974508	3.80%	0.353%
33	13.775	1828	1834	1838	rBV2	1820428	3070967	11.98%	1.113%
34	13.940	1851	1862	1868	rVB2	5003366	9100656	35.51%	3.298%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005595.D
Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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	14.140	1890	1896	1900	rBV	2620463	3426047	13.37%	1.242%
36	14.198	1900	1906	1914	rVV3	1347542	3179731	12.41%	1.152%
37	14.281	1915	1920	1923	rVV2	695257	1114173	4.35%	0.404%
38	14.310	1923	1925	1929	rVB	545753	599302	2.34%	0.217%
39	14.440	1940	1947	1956	rVB2	747529	1847705	7.21%	0.670%
40	14.622	1968	1978	1986	rBV2	1445449	3151951	12.30%	1.142%
41	14.704	1986	1992	1995	rBV	994983	1377443	5.37%	0.499%
42	14.763	1998	2002	2007	rVB	631957	876071	3.42%	0.317%
43	14.834	2008	2014	2020	rBV3	1231694	2575576	10.05%	0.933%
44	14.898	2021	2025	2028	rVB	699216	883833	3.45%	0.320%
45	14.993	2037	2041	2043	rBV	504207	719142	2.81%	0.261%
46	15.098	2054	2059	2063	rVB	3039608	3875782	15.12%	1.405%
47	15.216	2074	2079	2084	rVB2	1985732	3109926	12.13%	1.127%
48	15.275	2084	2089	2101	rVB2	3768034	6372558	24.87%	2.309%
49	15.504	2120	2128	2133	rVB3	929267	2042079	7.97%	0.740%
50	15.569	2135	2139	2142	rBV2	426915	646933	2.52%	0.234%
51	15.687	2155	2159	2162	rBV	981765	1251533	4.88%	0.454%
52	15.963	2200	2206	2209	rBV	2536595	3846280	15.01%	1.394%
53	16.281	2253	2260	2265	rBV2	843061	1988087	7.76%	0.720%
54	16.334	2265	2269	2273	rVV	871161	1162747	4.54%	0.421%
55	16.428	2281	2285	2290	rBV2	521598	793159	3.09%	0.287%
56	16.640	2317	2321	2328	rVB3	408433	612472	2.39%	0.222%
57	16.757	2337	2341	2344	rVV	1871203	2355296	9.19%	0.854%
58	16.792	2344	2347	2357	rVB2	1274287	2566491	10.01%	0.930%
59	16.975	2373	2378	2381	rBV	1116522	1656198	6.46%	0.600%
60	17.022	2381	2386	2391	rVV	11752194	17526941	68.39%	6.352%
61	17.075	2391	2395	2398	rVV	1453441	2212011	8.63%	0.802%
62	17.110	2398	2401	2407	rVB	2832803	3560955	13.89%	1.290%
63	17.175	2407	2412	2417	rBV3	341997	615771	2.40%	0.223%
64	17.498	2462	2467	2471	rVV	1818848	2248484	8.77%	0.815%
65	17.557	2473	2477	2488	rVB2	556161	1035344	4.04%	0.375%
66	17.698	2497	2501	2507	rVB	356308	635293	2.48%	0.230%
67	17.857	2523	2528	2532	rVV	2424689	3677390	14.35%	1.333%
68	17.904	2532	2536	2541	rVV	2811653	3958038	15.44%	1.434%
69	17.987	2545	2550	2554	rVV	902690	1389959	5.42%	0.504%
70	18.051	2554	2561	2564	rVV2	2629225	4839483	18.88%	1.754%
71	18.087	2564	2567	2574	rVB	1554080	2073542	8.09%	0.751%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005595.D
Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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	18.192	2581	2585	2592	rVB	1372626	1694117	6.61%	0.614%
73	18.363	2609	2614	2620	rBV	1069841	1484614	5.79%	0.538%
74	18.663	2661	2665	2669	rVB	484780	591857	2.31%	0.214%
75	18.787	2680	2686	2690	rBV2	1000748	1671869	6.52%	0.606%
76	18.834	2690	2694	2700	rBV2	1436563	2148784	8.38%	0.779%
77	19.051	2726	2731	2737	rBV	4302336	5682294	22.17%	2.059%
78	19.204	2753	2757	2762	rVB	1319242	1682667	6.57%	0.610%
79	19.392	2783	2789	2790	rBV2	1925687	2558467	9.98%	0.927%
80	19.422	2790	2794	2803	rVB	5972718	8393270	32.75%	3.042%
81	19.751	2845	2850	2859	rVB4	467122	1044016	4.07%	0.378%
82	19.892	2868	2874	2876	rBV2	486259	853537	3.33%	0.309%
83	19.922	2876	2879	2883	rVB	1194910	1531558	5.98%	0.555%
84	19.963	2883	2886	2890	rBV	616514	719767	2.81%	0.261%
85	20.028	2892	2897	2902	rVV	1062484	1344190	5.24%	0.487%
86	20.086	2902	2907	2911	rVV	632161	824082	3.22%	0.299%
87	20.275	2934	2939	2948	rVB	744583	1240752	4.84%	0.450%
88	20.939	3047	3052	3056	rVV3	532659	777930	3.04%	0.282%
89	21.204	3091	3097	3102	rVV3	2624949	5508556	21.49%	1.996%
90	21.251	3102	3105	3116	rVB	1765139	2400851	9.37%	0.870%
91	21.386	3122	3128	3132	rBV2	427382	723877	2.82%	0.262%
92	21.769	3190	3193	3198	rVB	481436	615211	2.40%	0.223%
93	21.822	3198	3202	3207	rVB2	506489	657649	2.57%	0.238%
94	21.992	3228	3231	3238	rVB2	436567	656803	2.56%	0.238%
95	22.775	3358	3364	3375	rVB2	881509	2345131	9.15%	0.850%
96	23.233	3437	3442	3446	rBV	479980	821939	3.21%	0.298%
97	23.286	3446	3451	3454	rVV	1138352	1928820	7.53%	0.699%
98	23.327	3454	3458	3466	rVB	1179402	2022936	7.89%	0.733%
99	23.422	3468	3474	3479	rBV	886773	1619839	6.32%	0.587%
100	25.610	3840	3846	3856	rVB	284526	730354	2.85%	0.265%

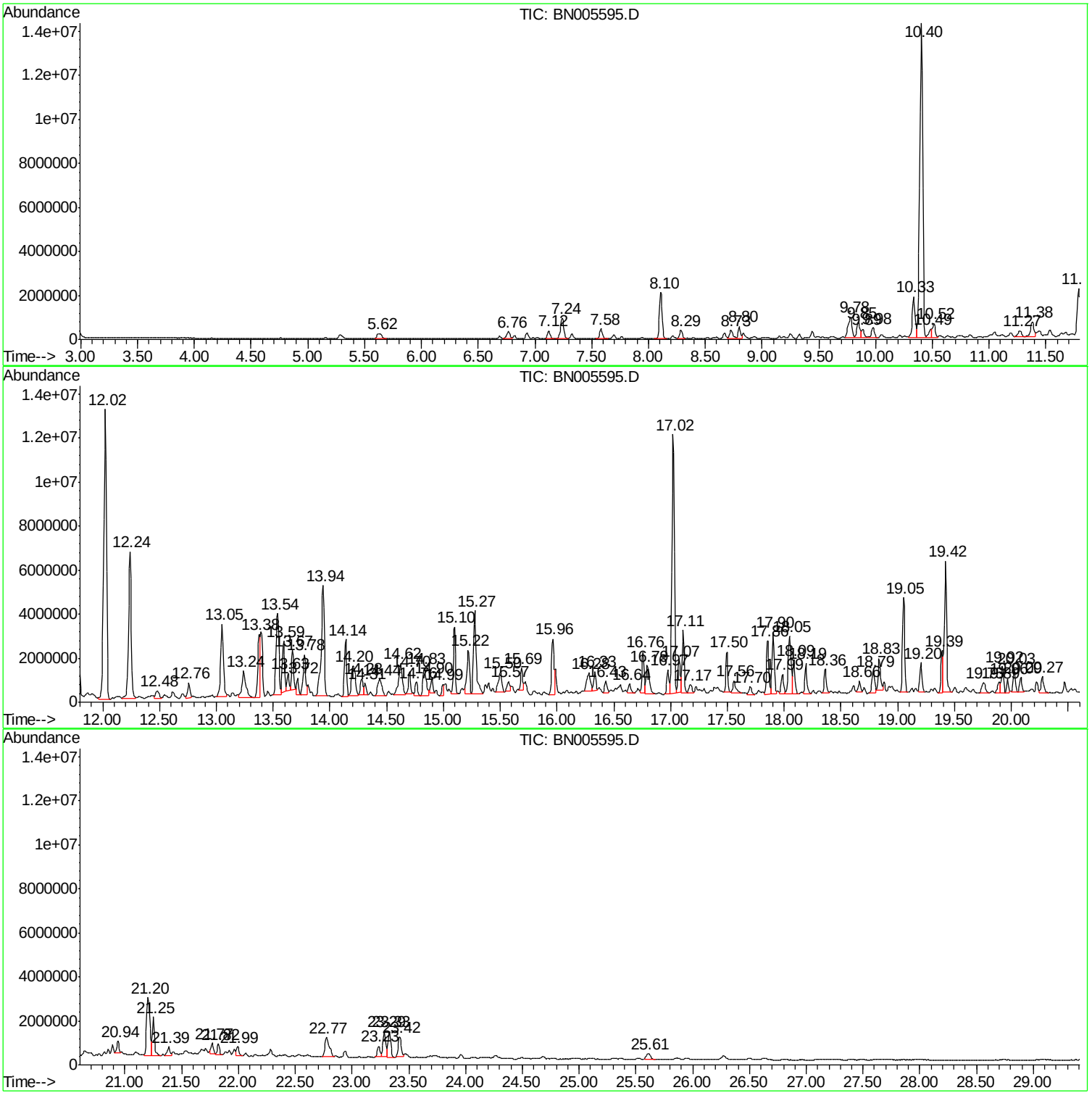
Sum of corrected areas: 275937936

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005595.D
Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ69ME

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\BN051019\
Data File : BN005595.D
Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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

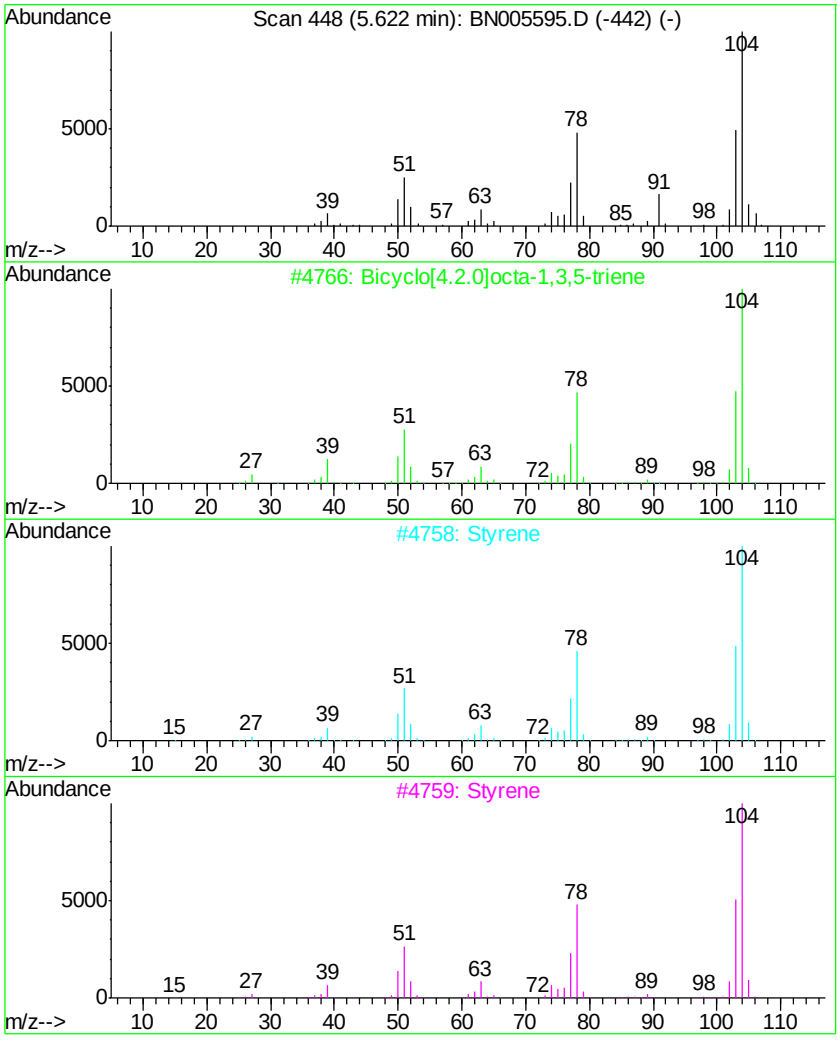
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

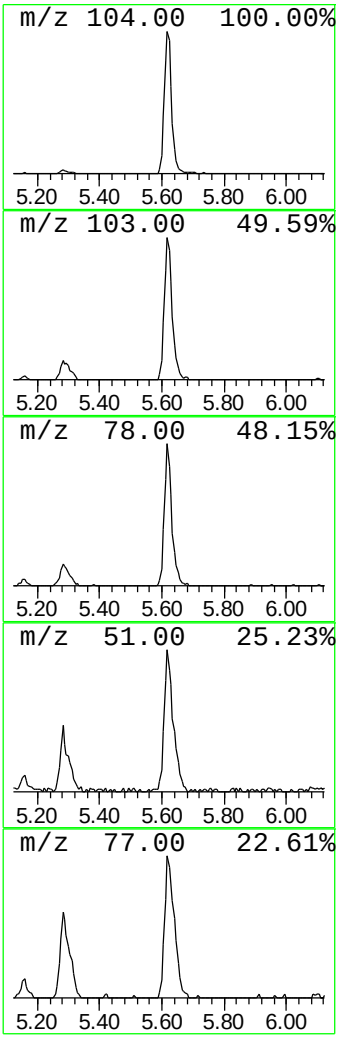
****

Peak Number 1 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	15.08 ng/ul	616783	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
2	Styrene	104	C8H8	000100-42-5	96
3	Styrene	104	C8H8	000100-42-5	96
4	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	95
5	Styrene	104	C8H8	000100-42-5	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005595.D
Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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

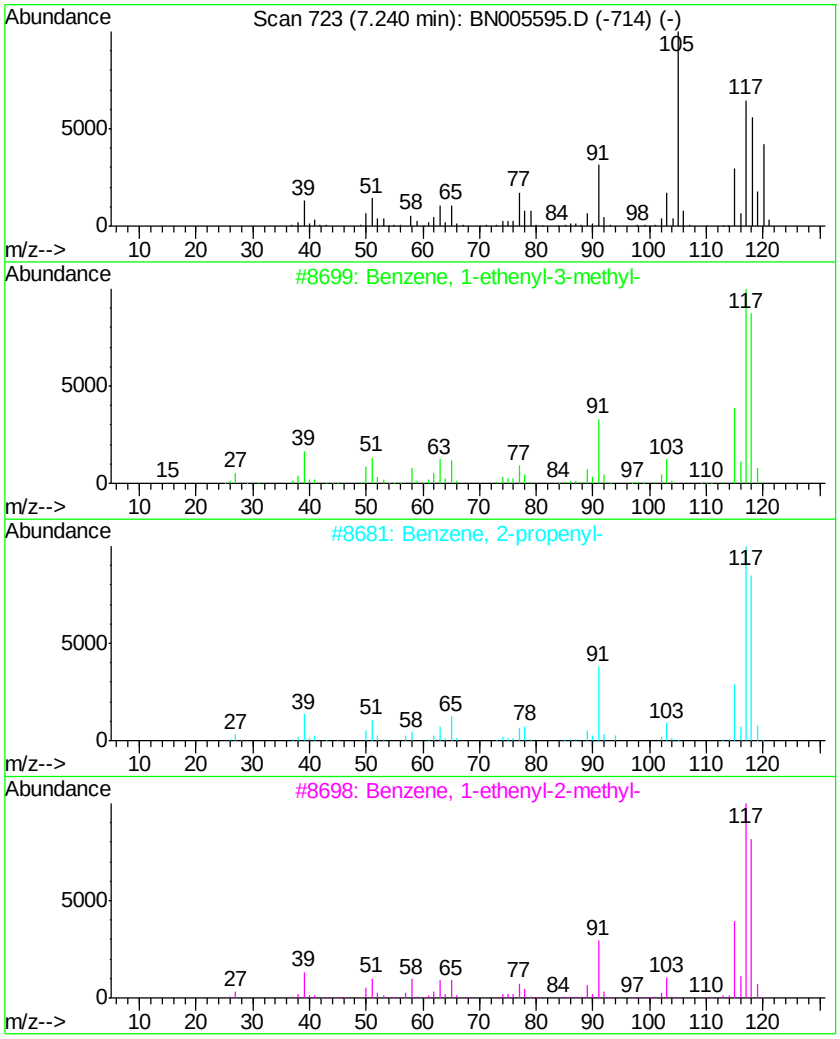
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

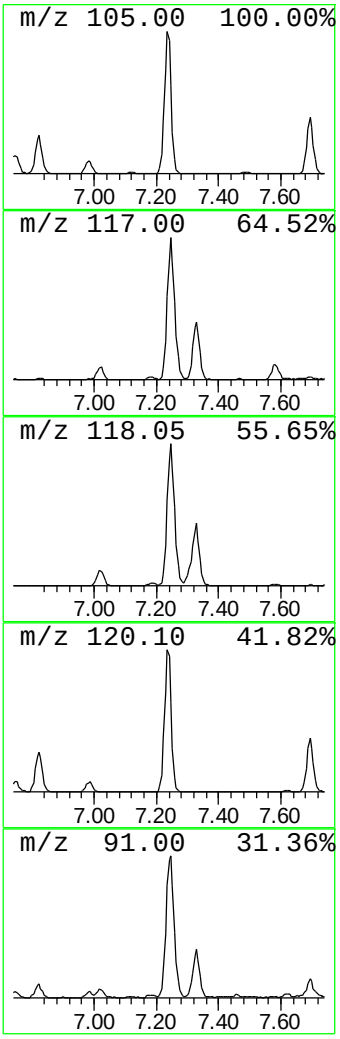
****

Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	46.50 ng/ul	1902030	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	64
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	50
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	50
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	50
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005595.D
Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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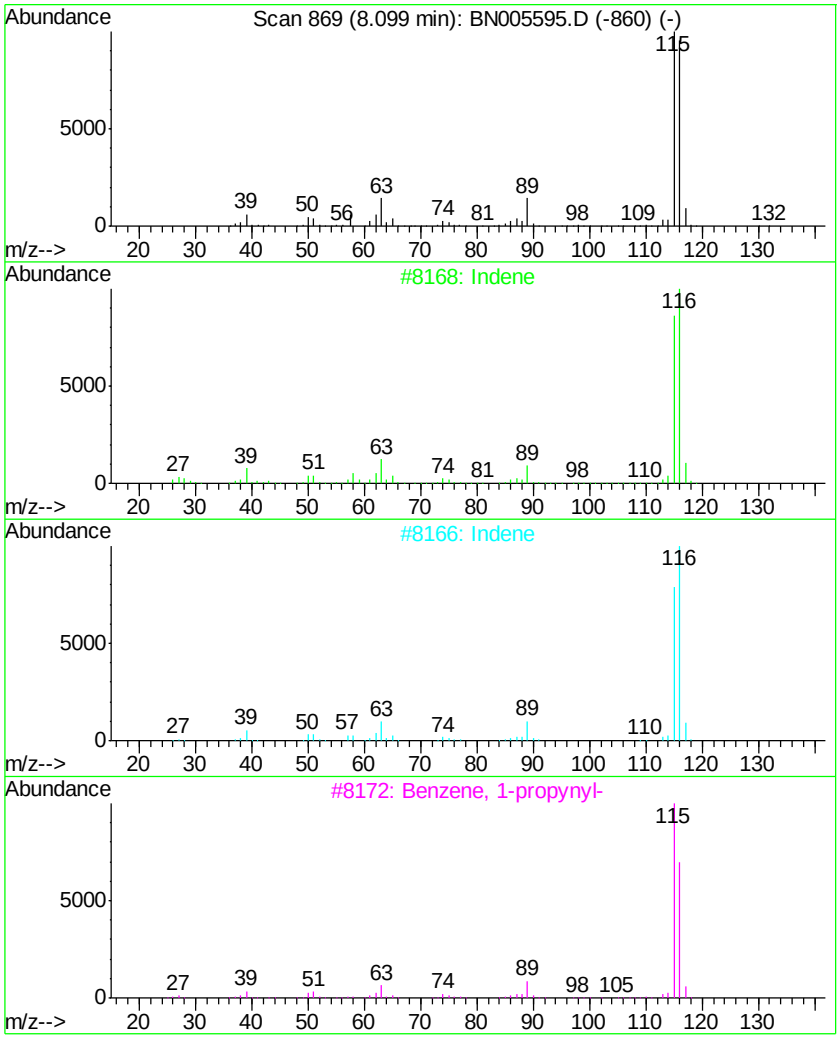
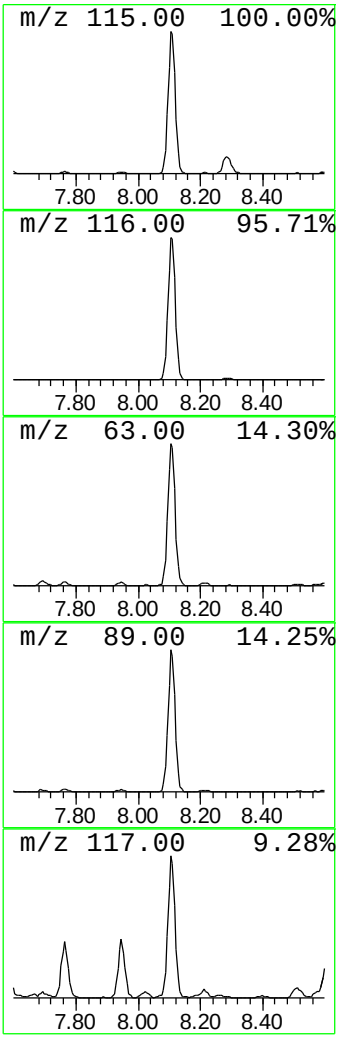
Peak Number 3 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	85.95 ng/ul	3515700	1,4-Dichlorobenzene-d4	7.58

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005595.D
Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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

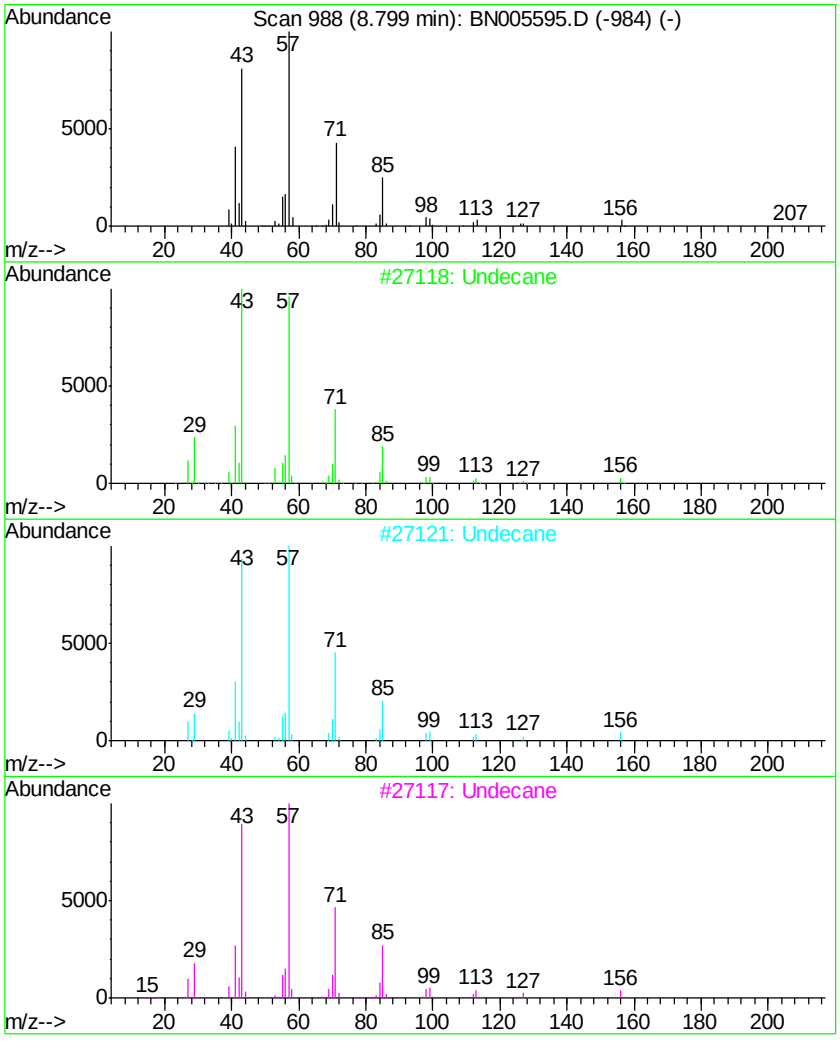
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

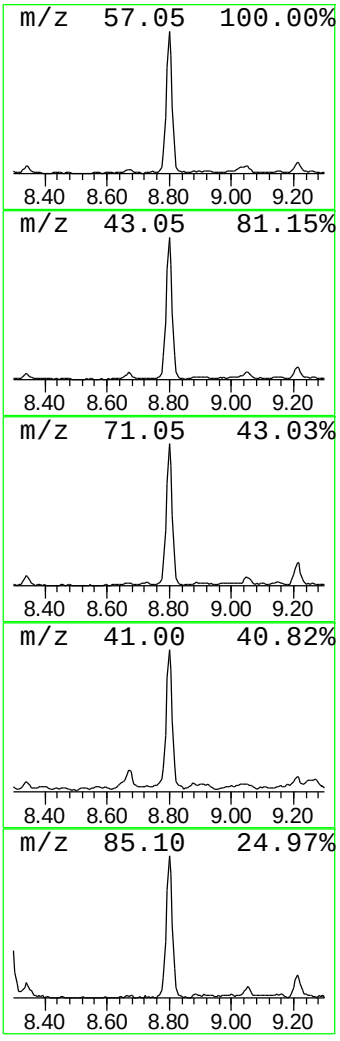
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	19.92 ng/ul	815023	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	93
2	Undecane	156	C11H24	001120-21-4	90
3	Undecane	156	C11H24	001120-21-4	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Dodecane	170	C12H26	000112-40-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005595.D
Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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

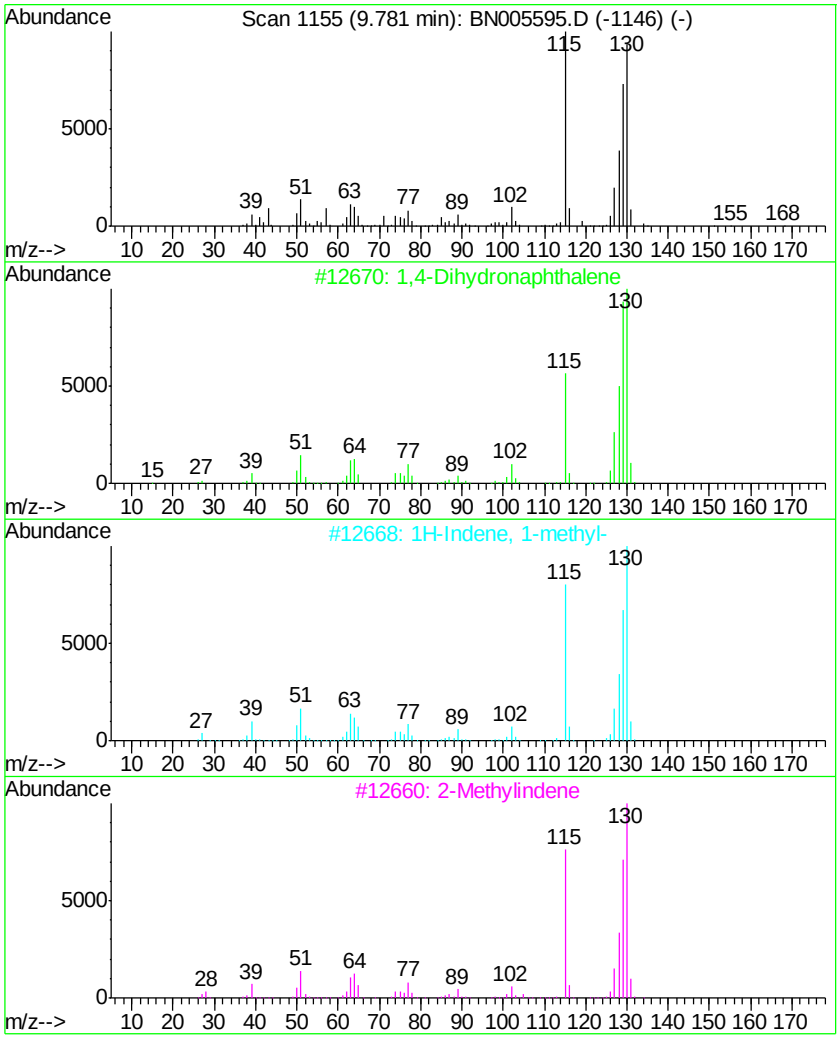
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

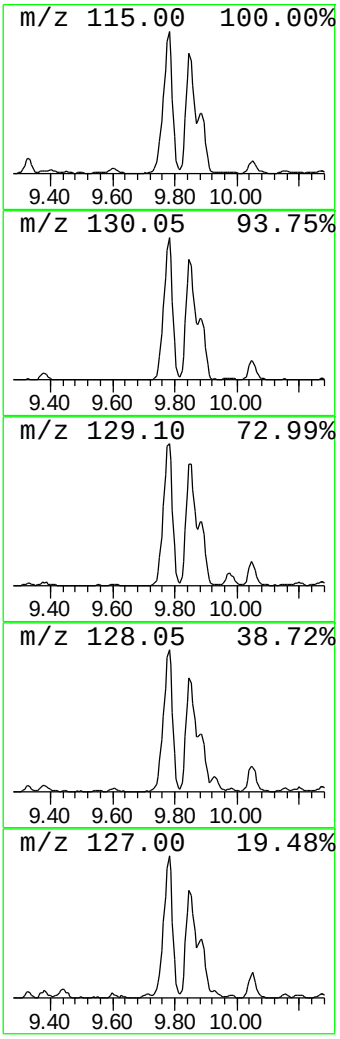
****

Peak Number 5 1,4-Dihydronaphthalene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	13.18 ng/ul	2240430	Naphthalene-d8	10.35

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	2-Methylindene	130	C10H10	002177-47-1	93
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	90





Library Search Compound Report

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Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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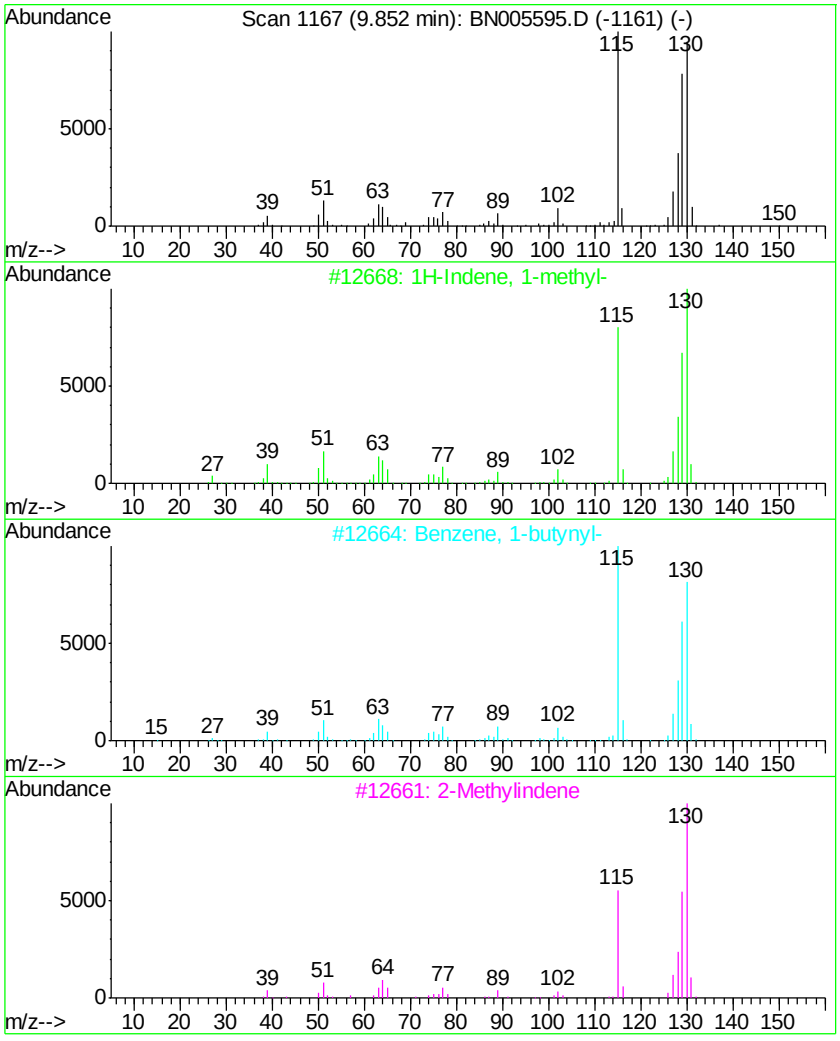
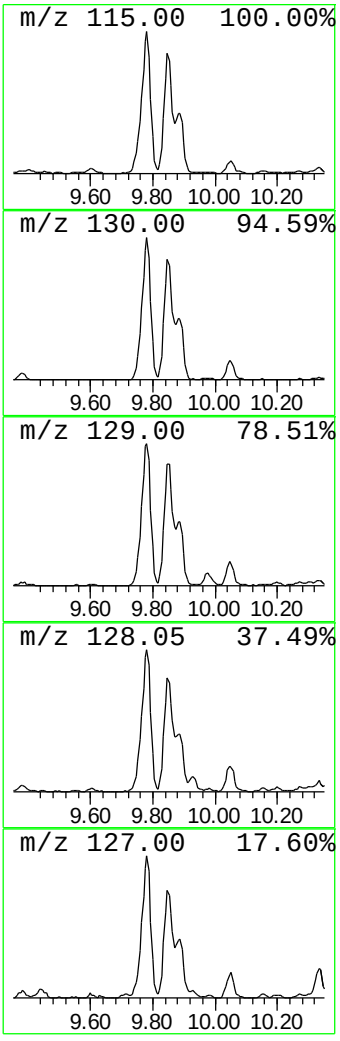
Peak Number 6 1H-Indene, 1-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	7.39 ng/ul	1256070	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
3	2-Methylindene	130	C10H10	002177-47-1	95
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
5	2-Methylindene	130	C10H10	002177-47-1	93





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Acq On : 10 May 2019 19:05
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Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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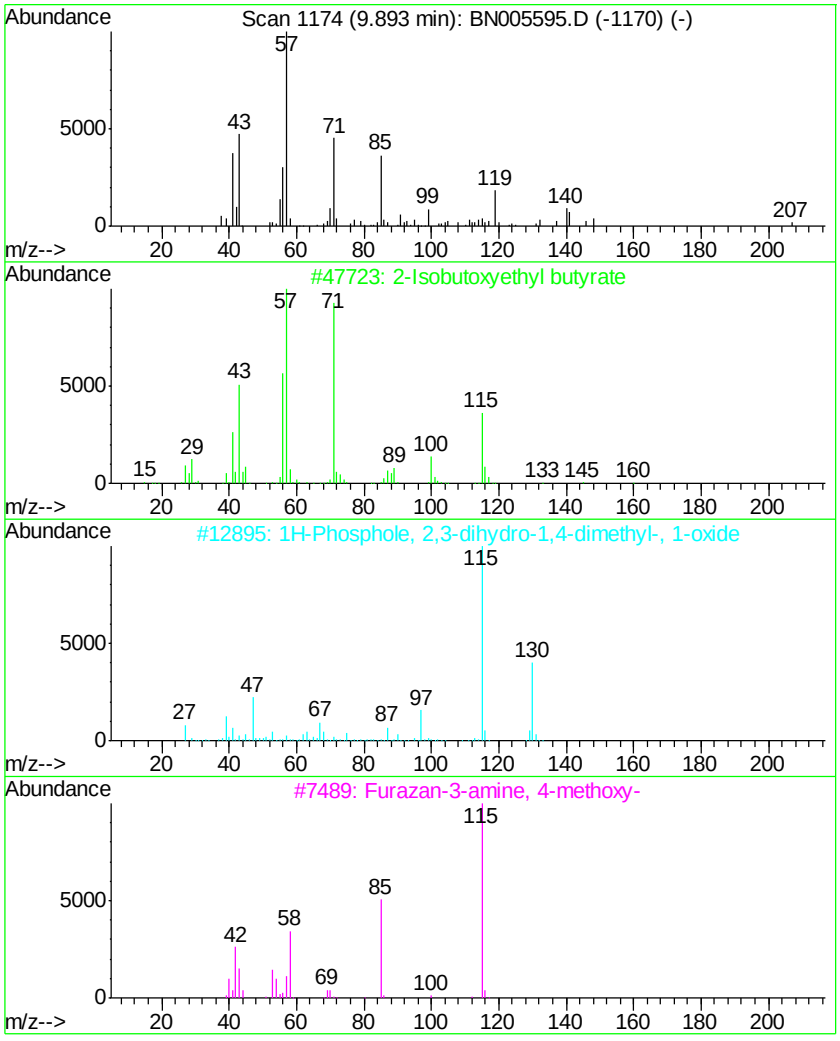
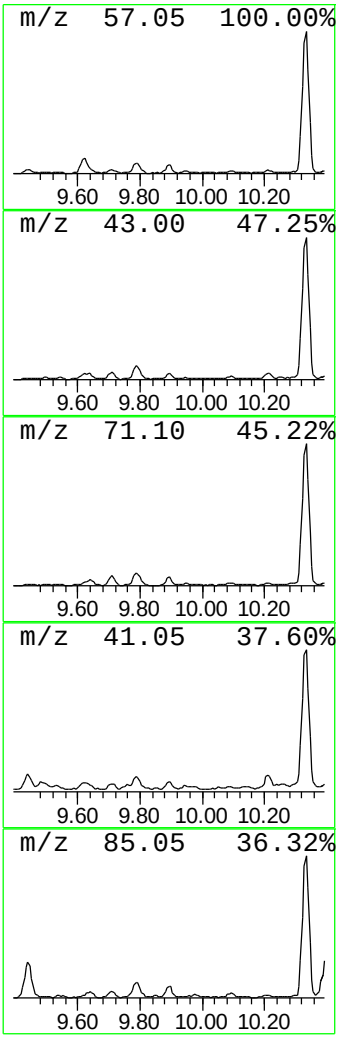
Peak Number 7 unknown-01 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	3.56 ng/ul	604624	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isobutoxyethyl butyrate	188	C10H20O3	1000236-36-3	35
2	1H-Phosphole, 2,3-dihydro-1,4-di...	130	C6H11OP	015450-68-7	27
3	Furazan-3-amine, 4-methoxy-	115	C3H5N3O2	078350-48-8	25
4	8-Hydroxy-2,2,8-trimethyldeca-5,...	210	C13H22O2	083040-92-0	22
5	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	22





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

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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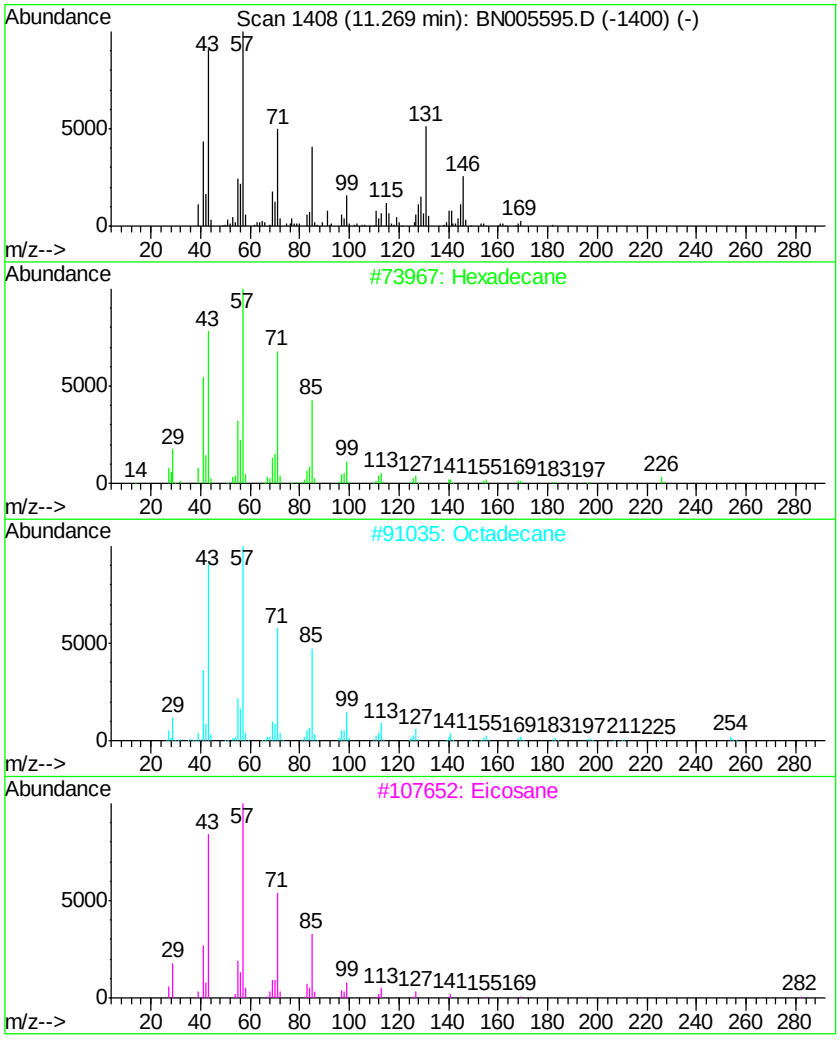
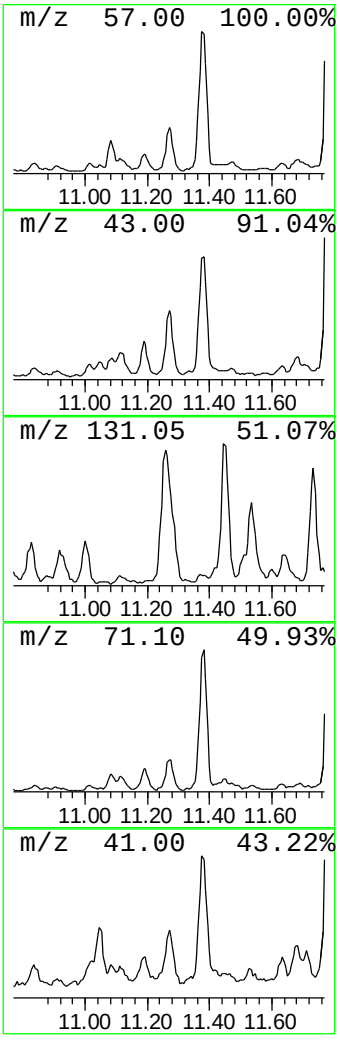
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	3.61 ng/ul	613790	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	49
2	Octadecane	254	C18H38	000593-45-3	46
3	Eicosane	282	C20H42	000112-95-8	46
4	Nonane	128	C9H20	000111-84-2	46
5	Eicosane	282	C20H42	000112-95-8	46





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Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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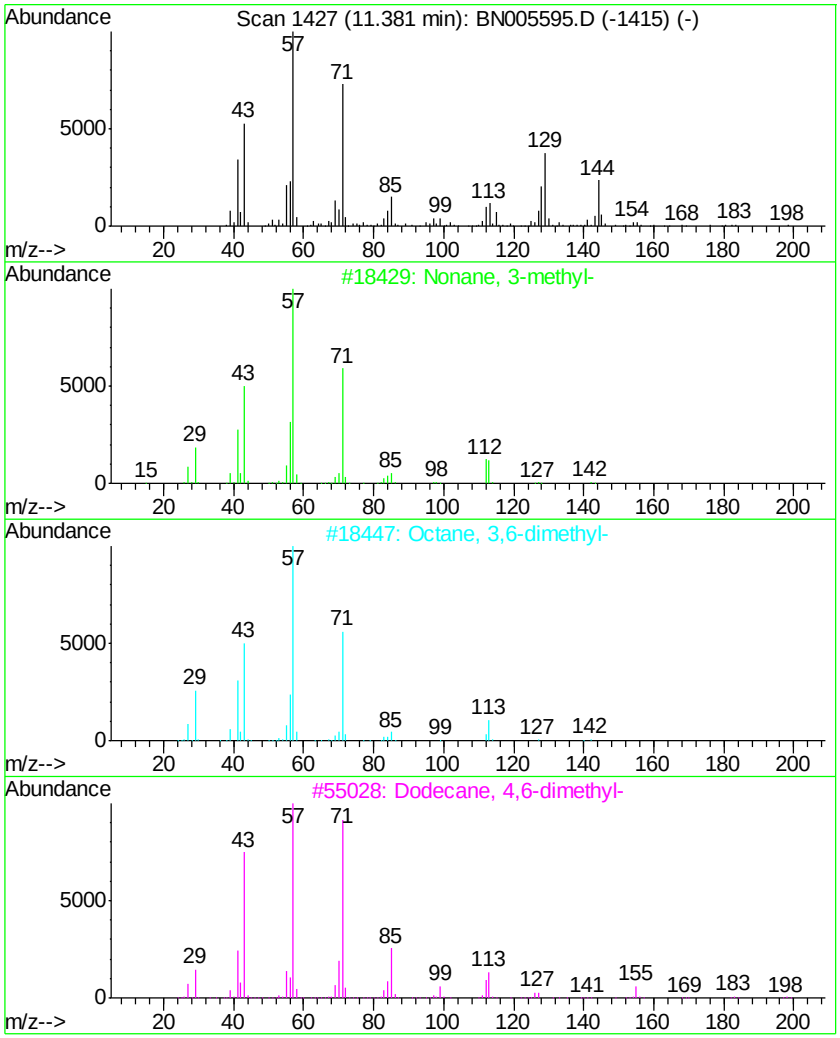
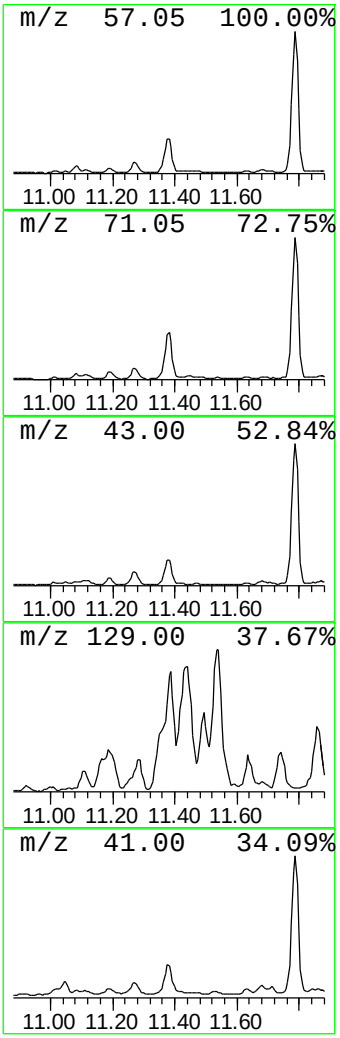
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	8.34 ng/ul	1417880	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	46
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	46
5	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	43





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Acq On : 10 May 2019 19:05
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Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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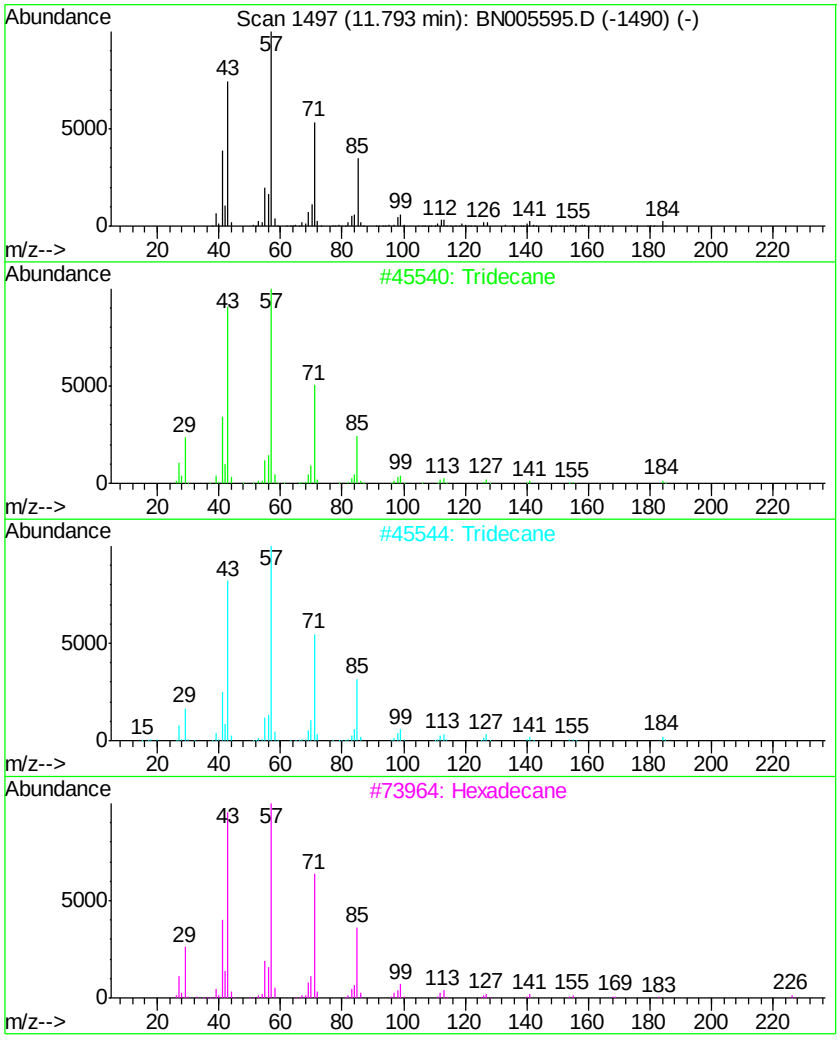
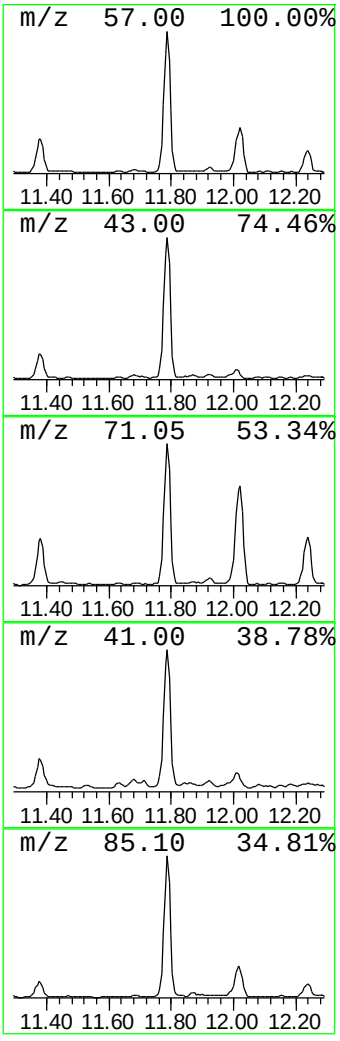
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	18.98 ng/ul	3227730	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tridecane	184	C13H28	000629-50-5	93
3	Hexadecane	226	C16H34	000544-76-3	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tetradecane	198	C14H30	000629-59-4	90





Library Search Compound Report

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Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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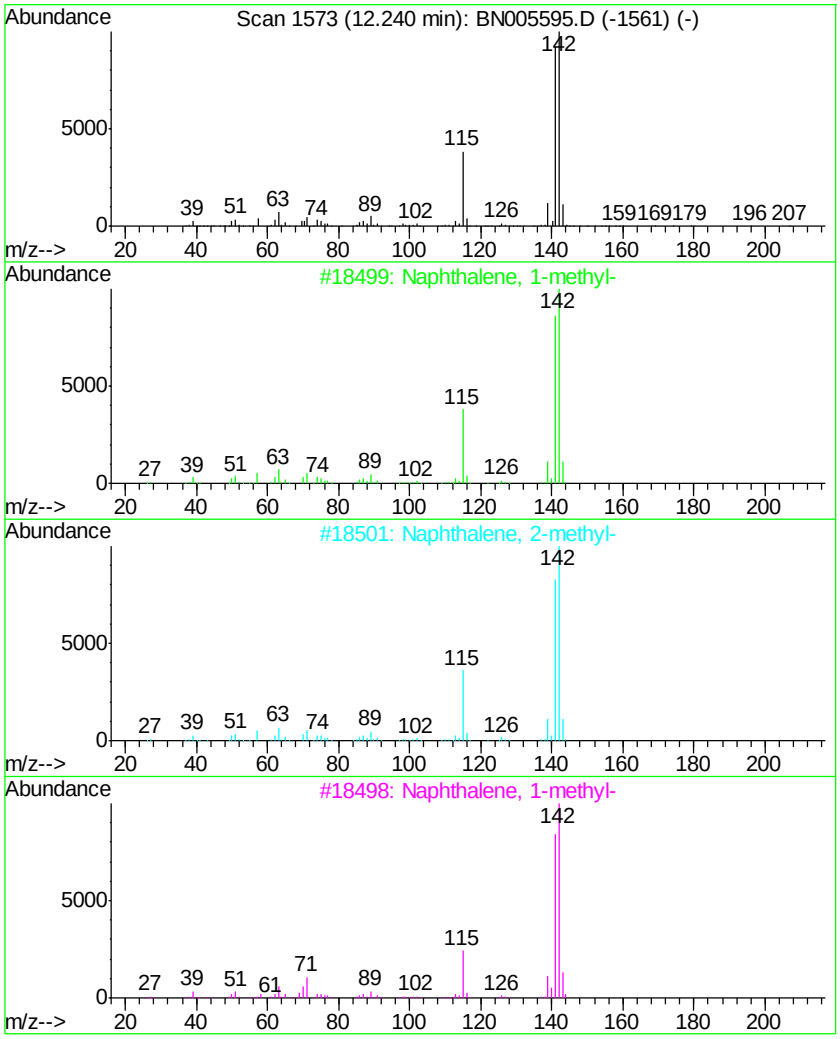
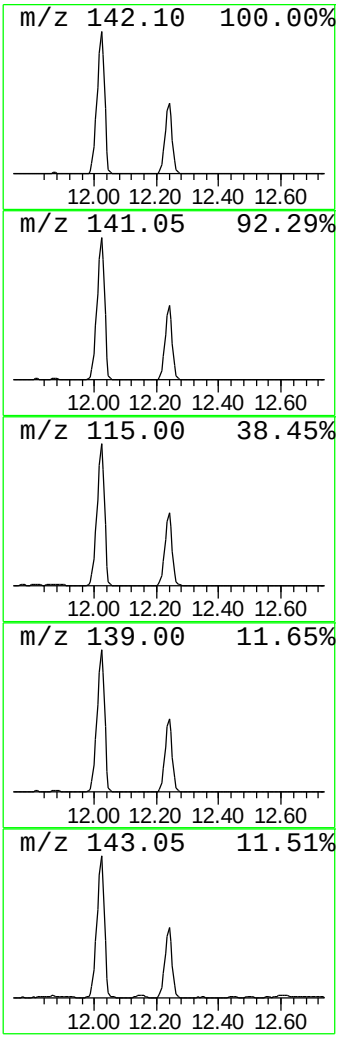
Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	66.02 ng/ul	11226300	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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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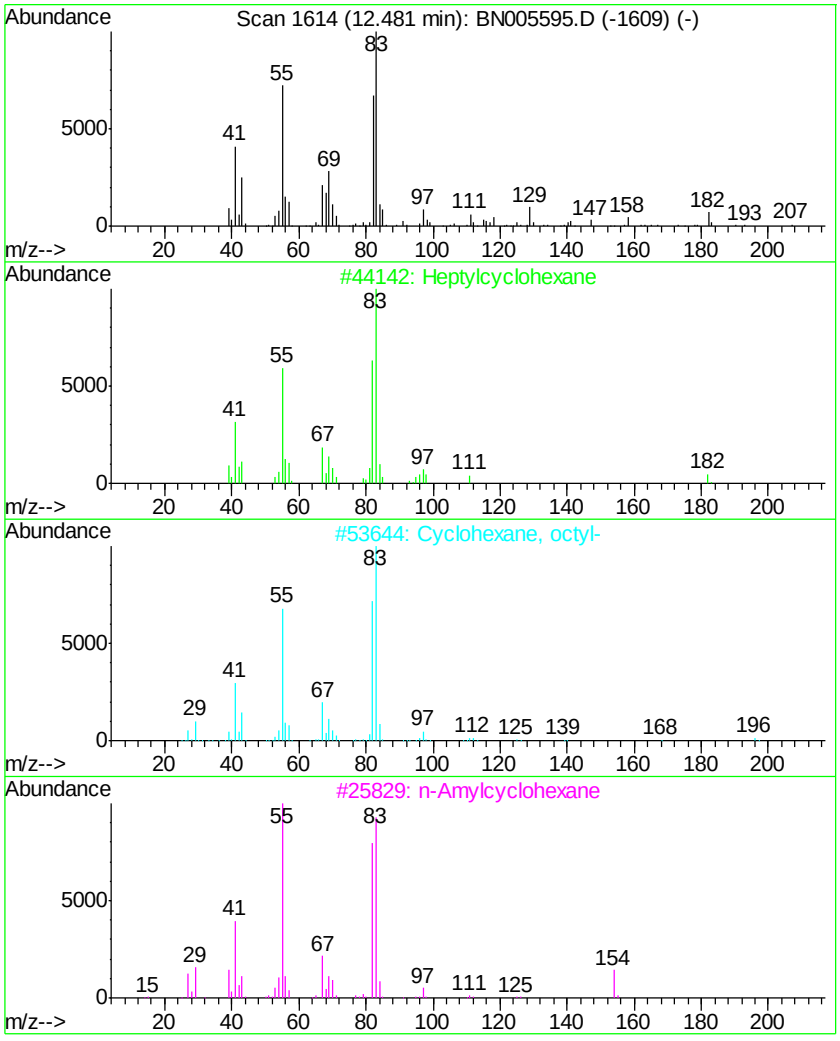
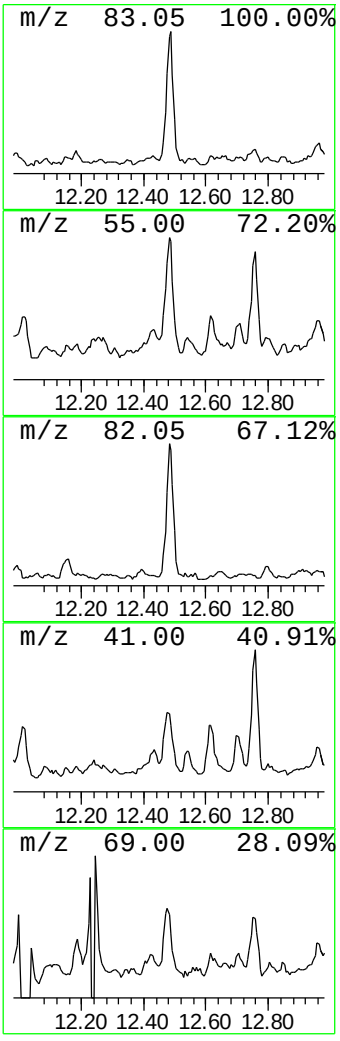
Peak Number 12 (DEL) Alkane: Cyclic12.48 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	4.55 ng/ul	723970	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	90
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	80
3	n-Amylcyclohexane	154	C11H22	029949-27-7	74
4	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72





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Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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Quant Title : SVOA CALIBRATION

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

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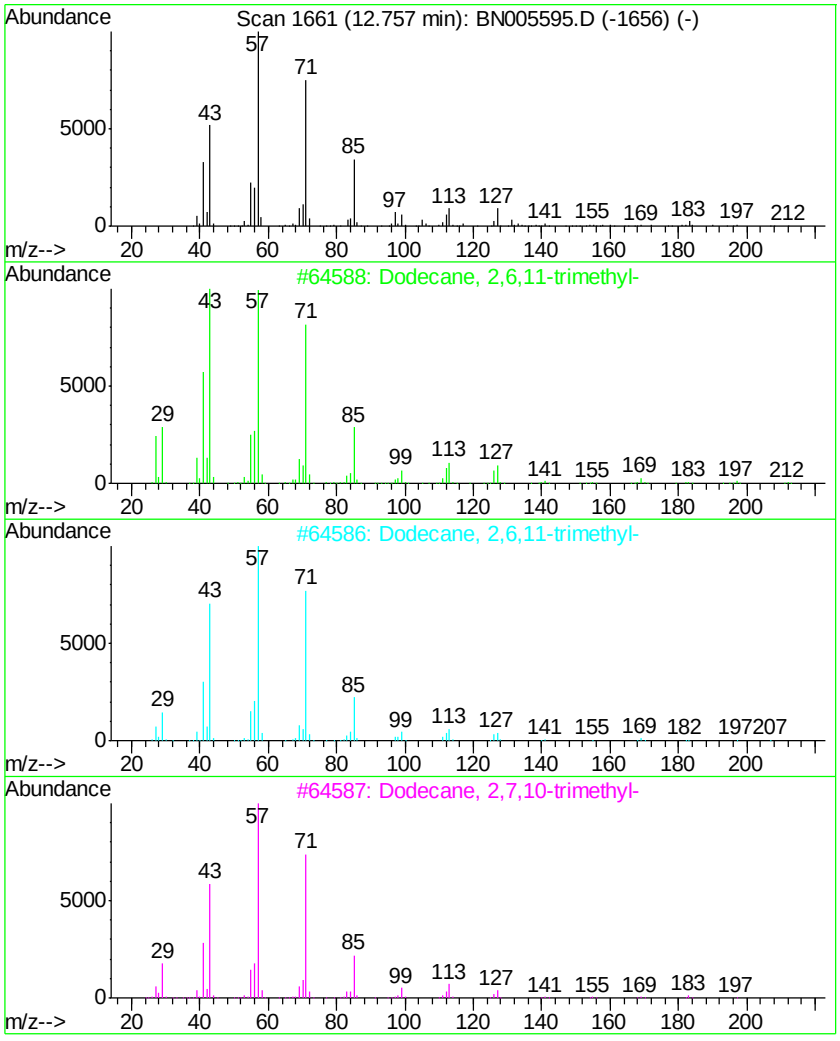
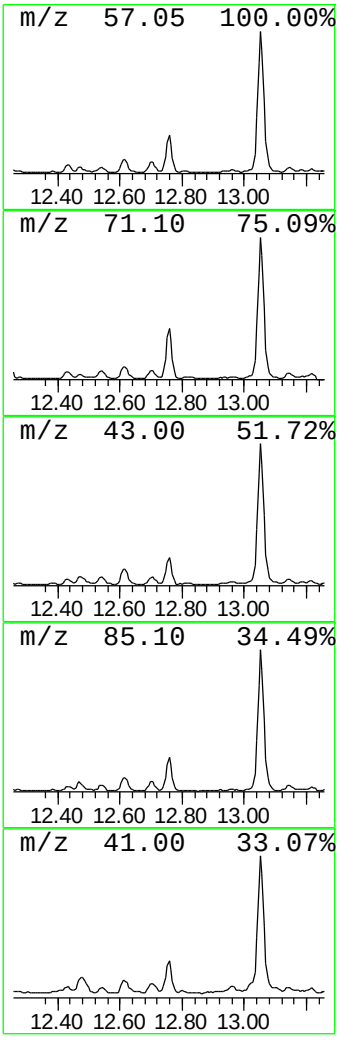
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	6.23 ng/ul	990535	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	94
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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Quant Title : SVOA CALIBRATION

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

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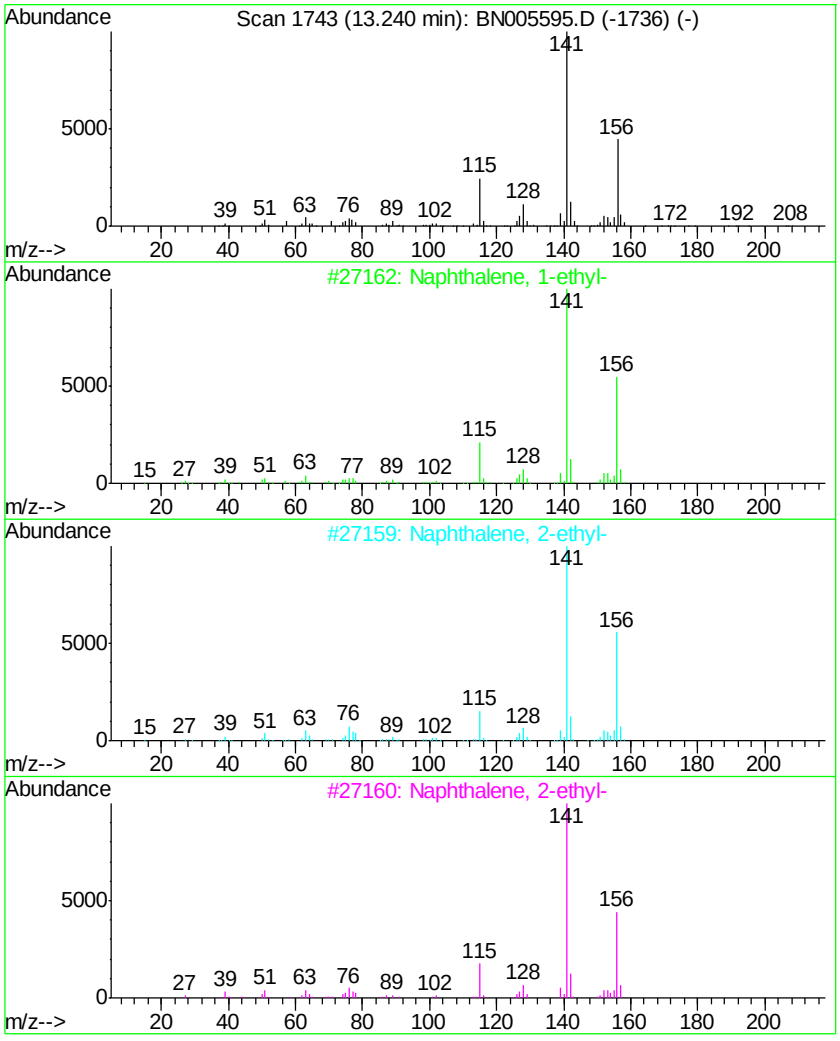
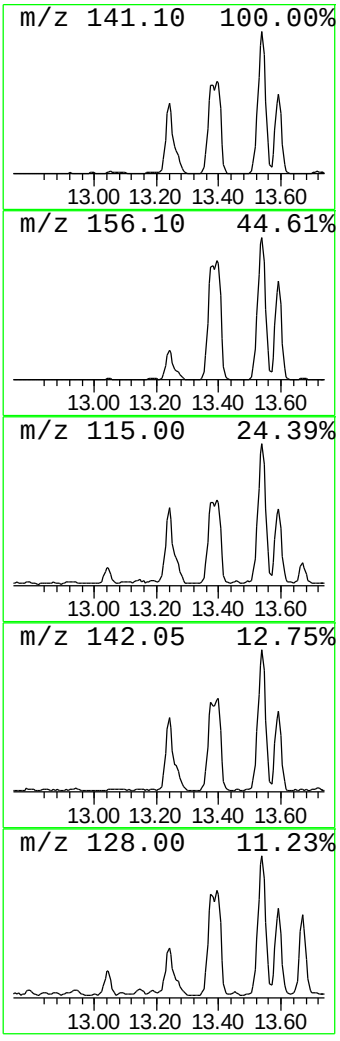
Peak Number 14 Naphthalene, 1-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	18.15 ng/ul	2884980	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





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Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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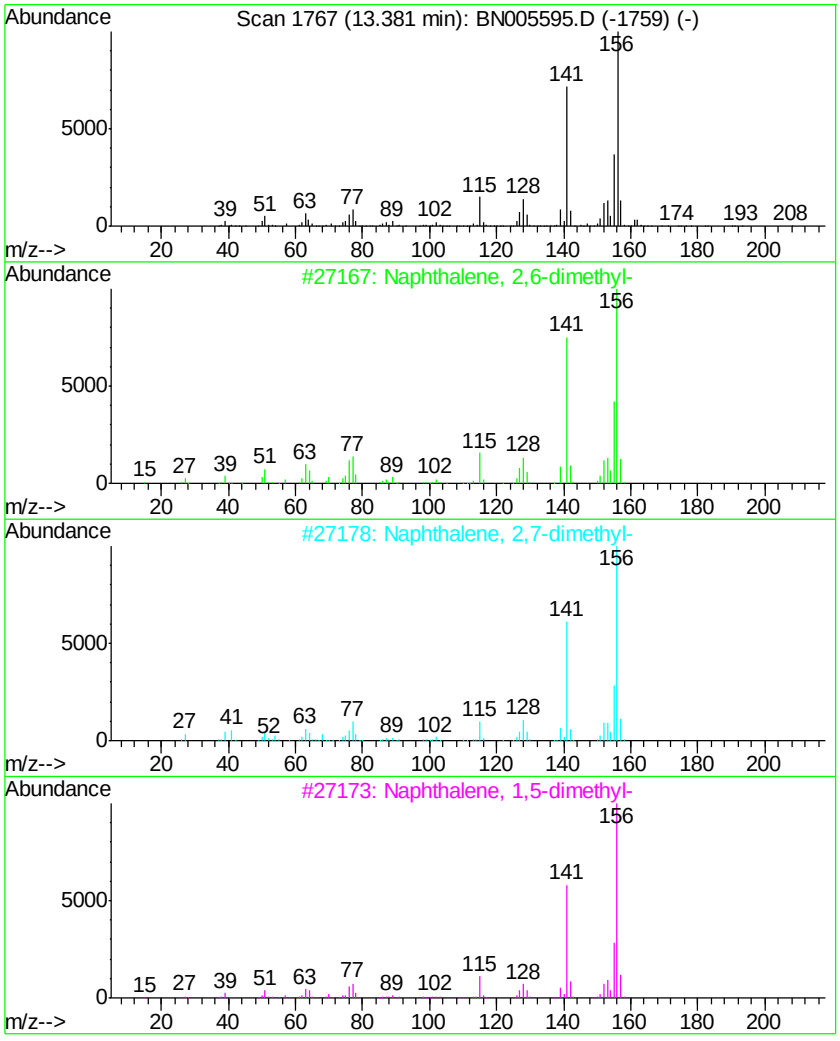
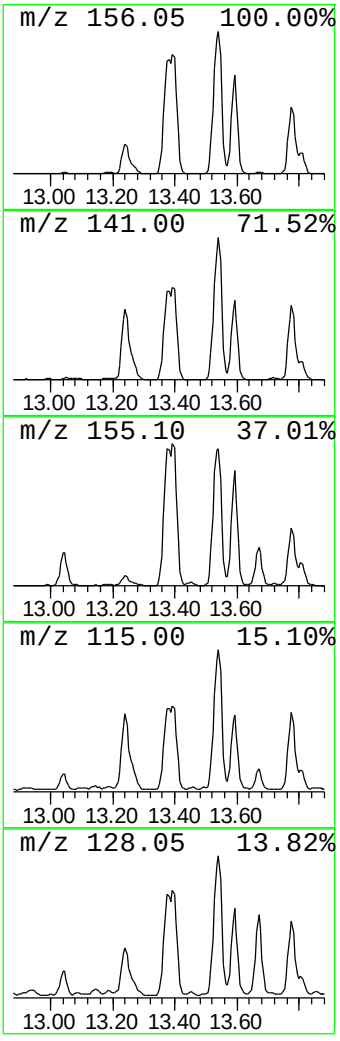
Peak Number 15 Naphthalene, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	29.65 ng/ul	4713990	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Library Search Compound Report

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Sample : K2603-17ME
Misc :
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Instrument : BNA_N
ClientSampleId : GAJ69ME

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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-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	41.45 ng/ul	6590110	Acenaphthene-d10	14.22

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, 1,7-dimethyl-	156	C12H12	000575-37-1	97
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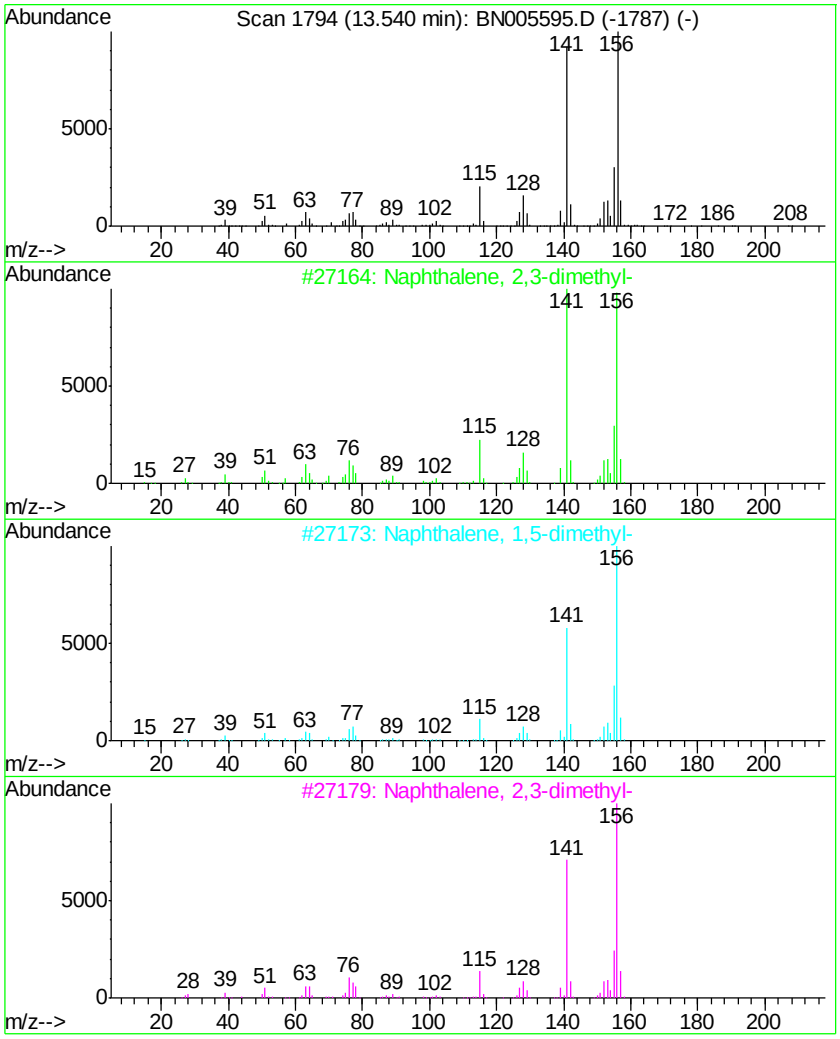

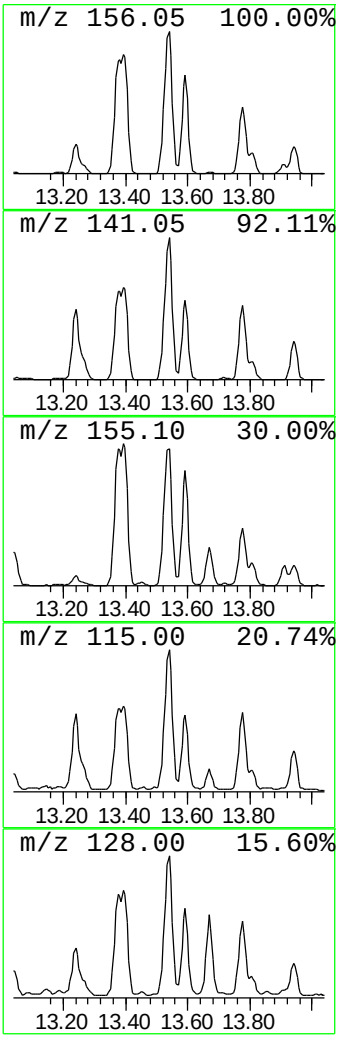

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Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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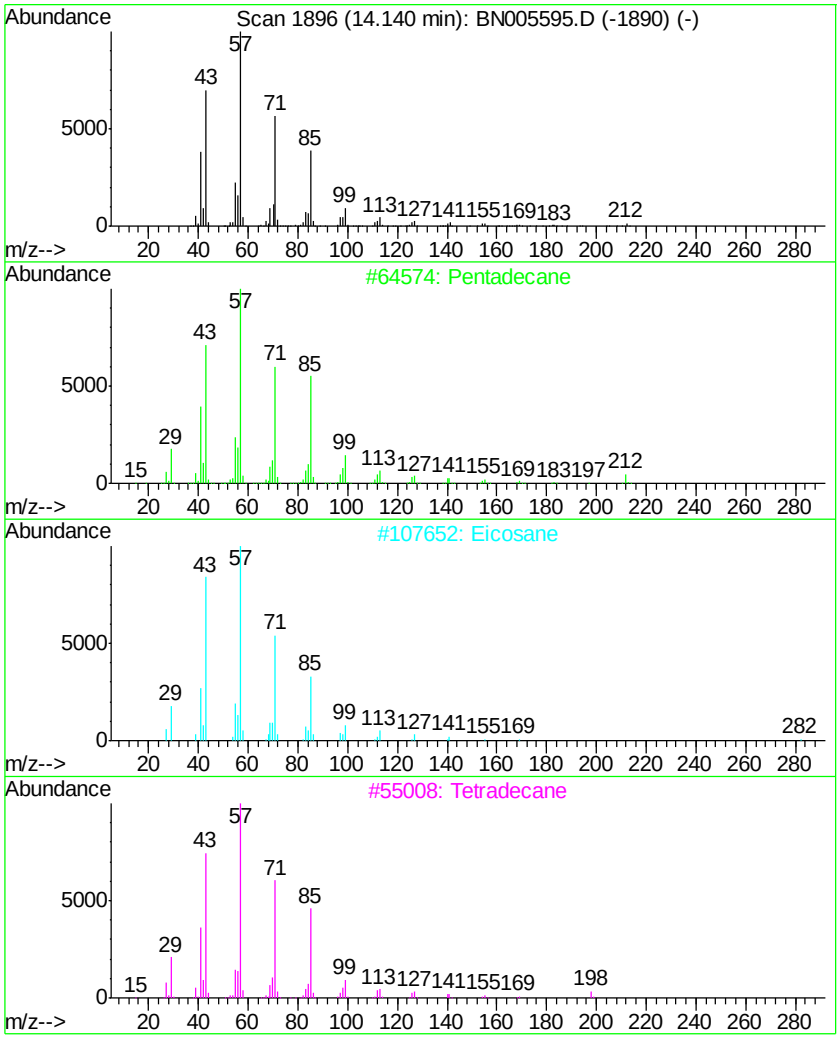
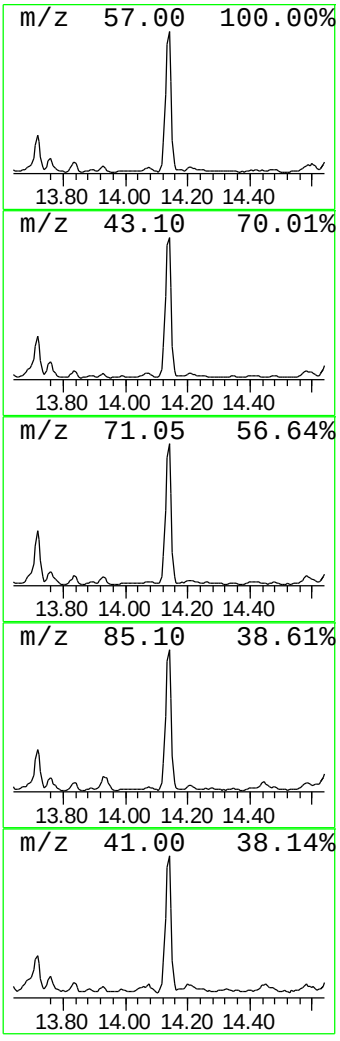
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	21.55 ng/ul	3426050	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	97
2	Eicosane	282	C20H42	000112-95-8	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tridecane	184	C13H28	000629-50-5	90





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Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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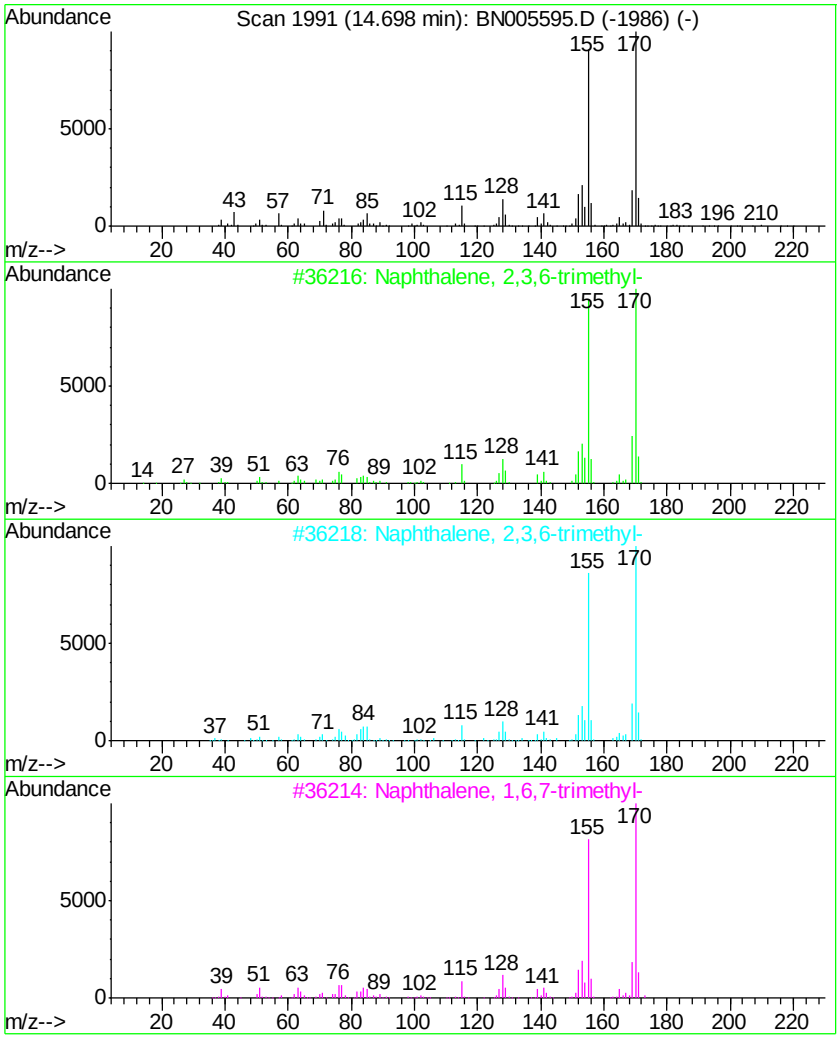
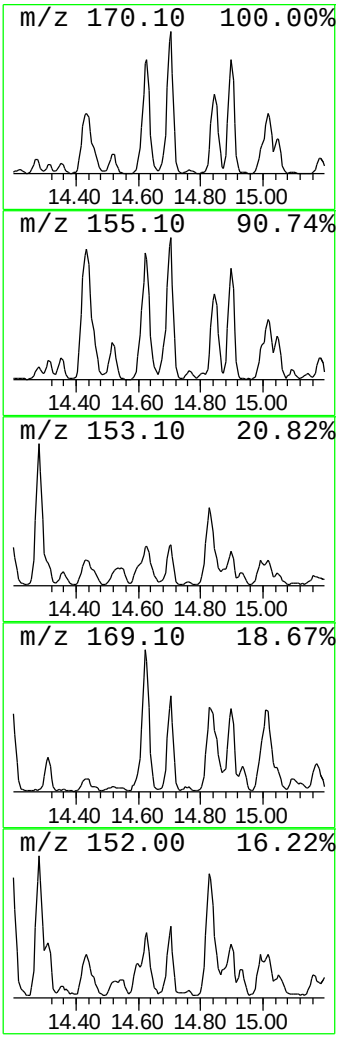
Peak Number 19 Naphthalene, 2,3,6-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	8.66 ng/ul	1377440	Acenaphthene-d10	14.22

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, 1,6,7-trimethyl-	170	C13H14	002245-38-7	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





Library Search Compound Report

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

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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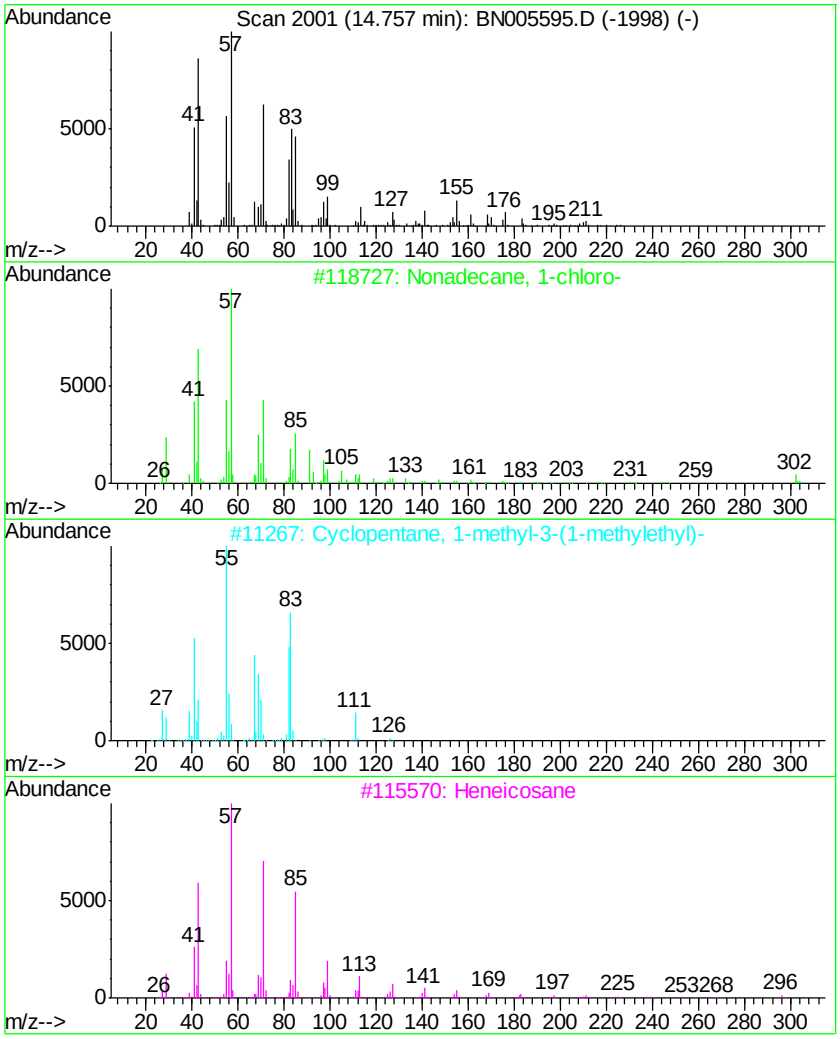
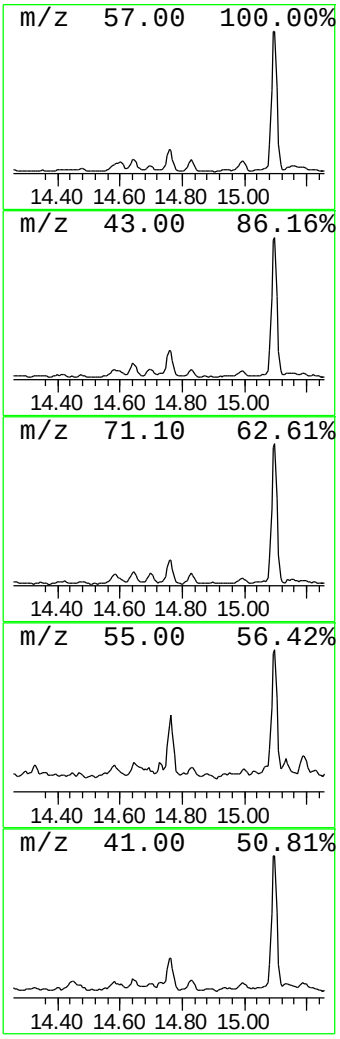
Peak Number 20 unknown-02 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	5.51 ng/ul	876071	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	46
2	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	38
3	Heneicosane	296	C21H44	000629-94-7	30
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	30
5	Dodecane	170	C12H26	000112-40-3	30





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Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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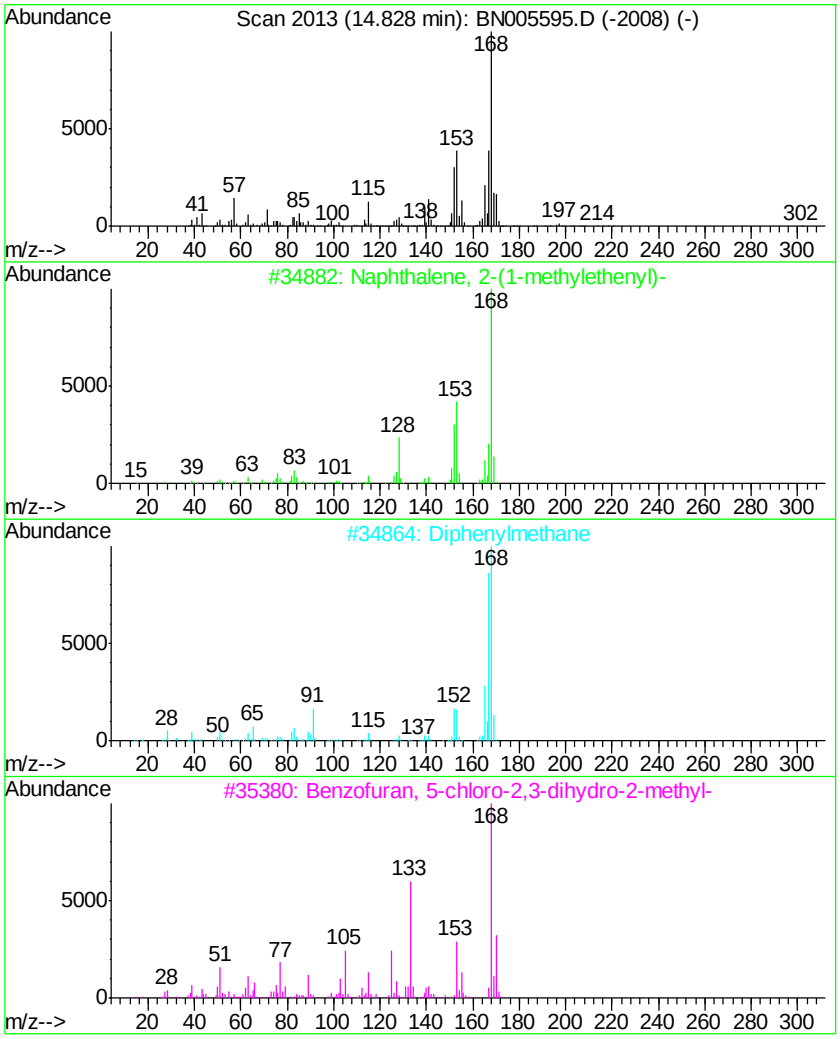
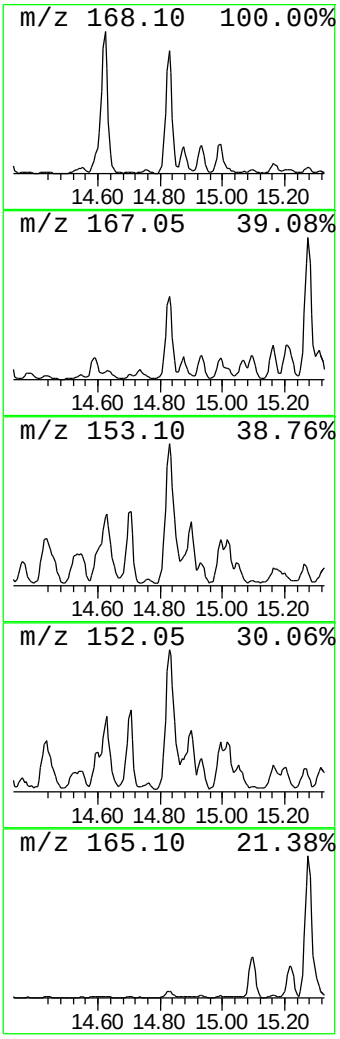
Peak Number 21 Naphthalene, 2-(1-methyleth... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	16.20 ng/ul	2575580	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53
2	Diphenylmethane	168	C13H12	000101-81-5	38
3	Benzofuran, 5-chloro-2,3-dihydro...	168	C9H9ClO	054410-96-7	38
4	1-Methyl-1-(p-chlorphenyl)-1-sil...	196	C10H13ClSi	057465-49-3	37
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	35





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Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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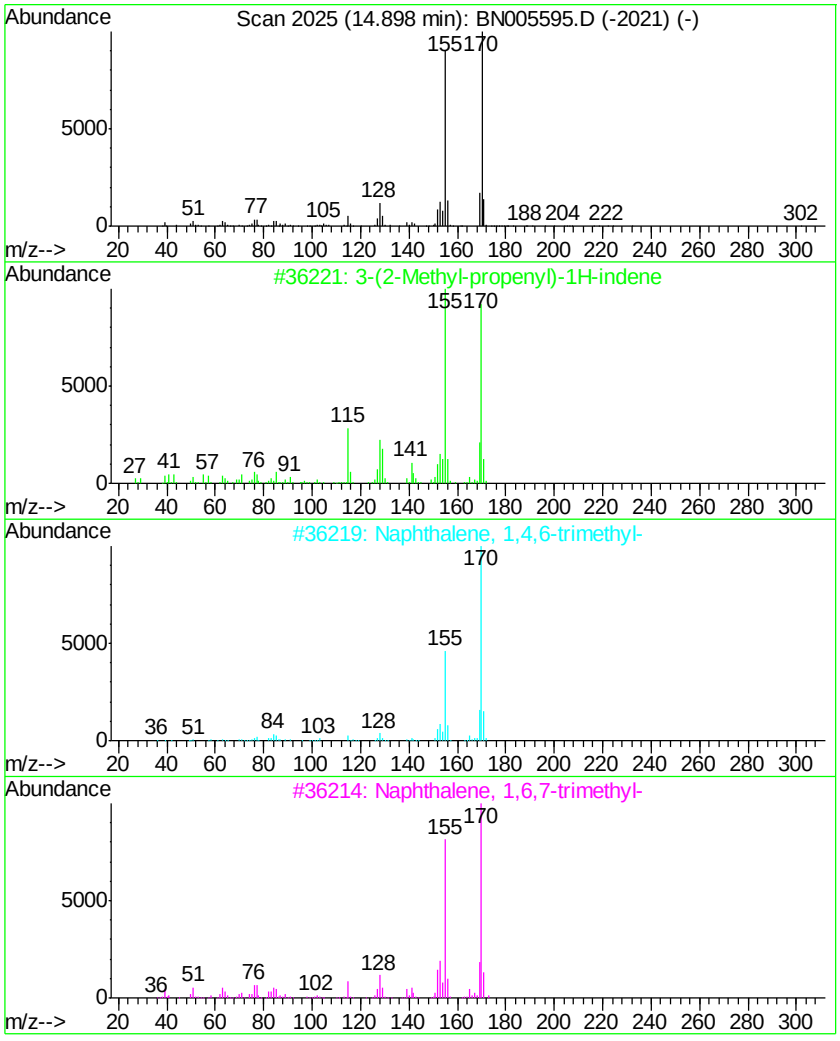
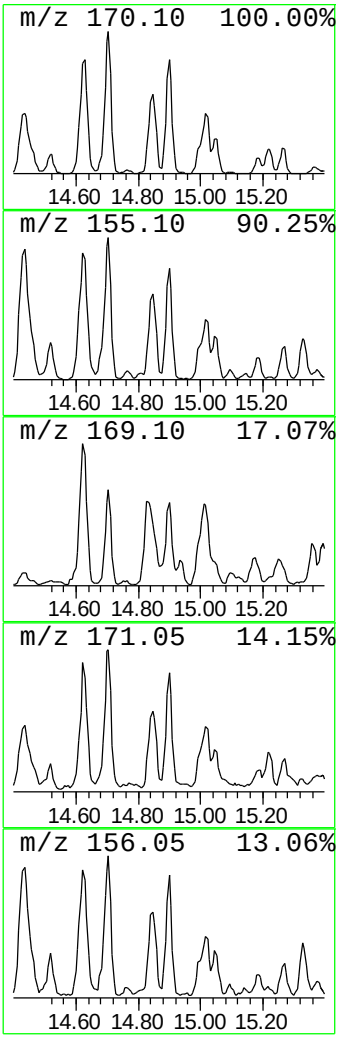
Peak Number 22 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	5.56 ng/ul	883833	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81





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Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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Quant Title : SVOA CALIBRATION

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

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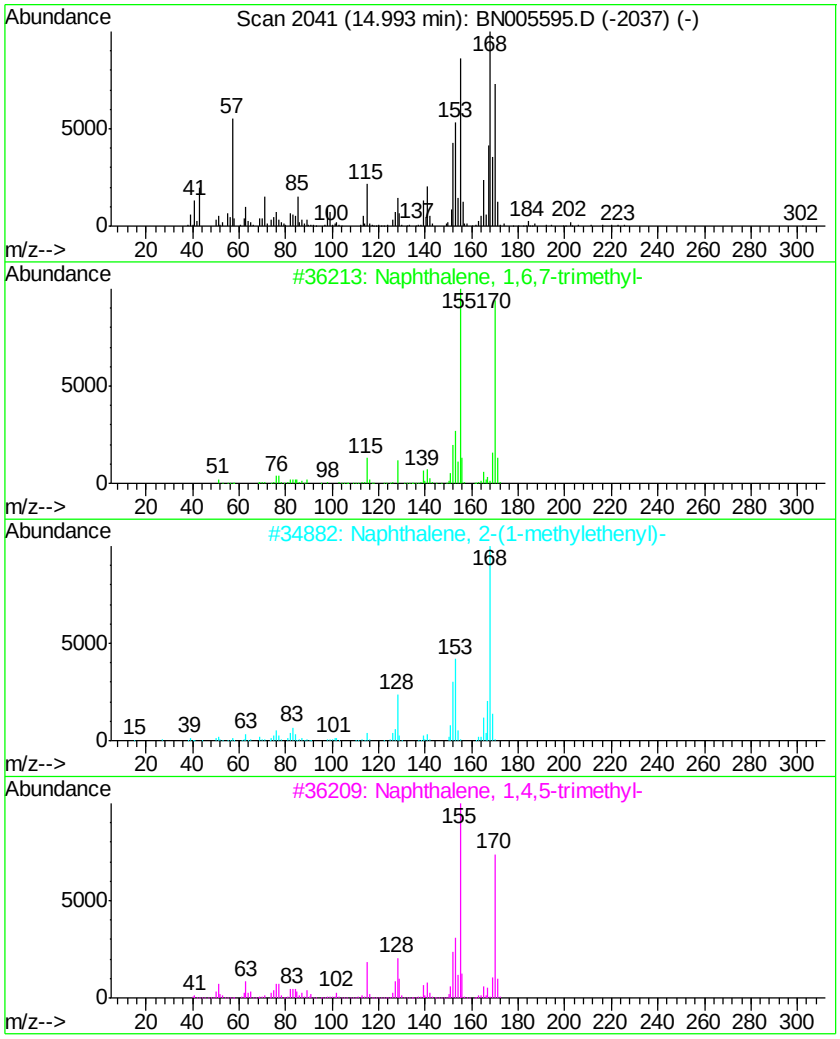
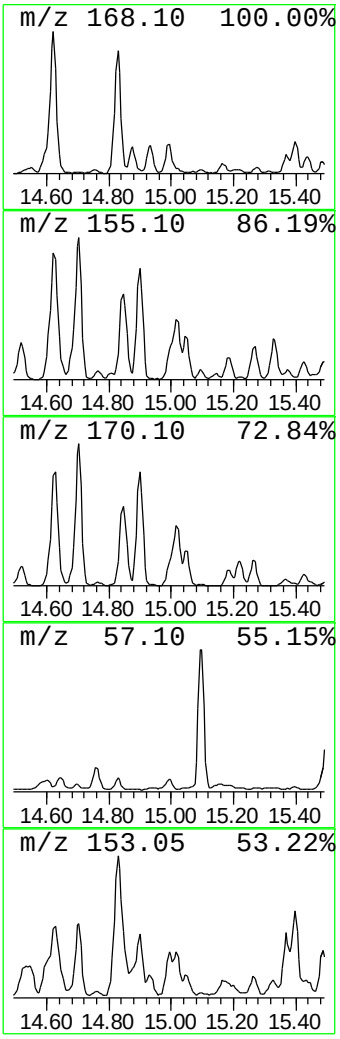
Peak Number 23 unknown-03 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	4.52 ng/ul	719142	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	43
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	42
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	42
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	42





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Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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Quant Title : SVOA CALIBRATION

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

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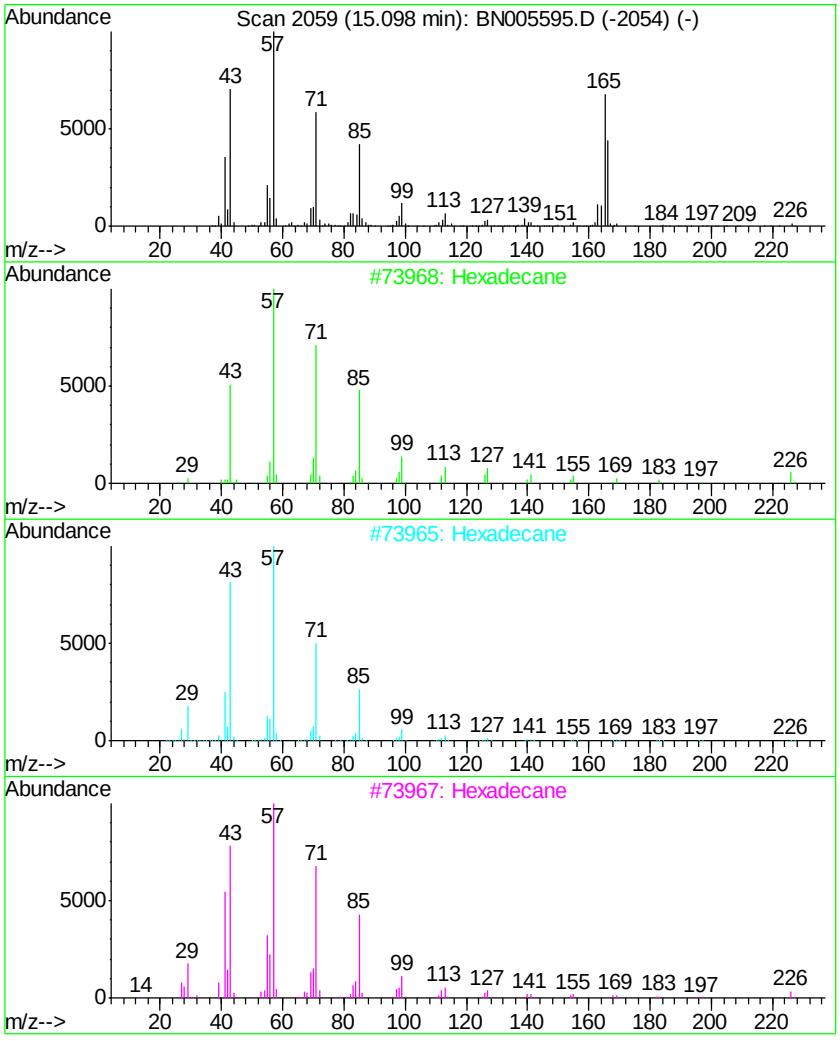
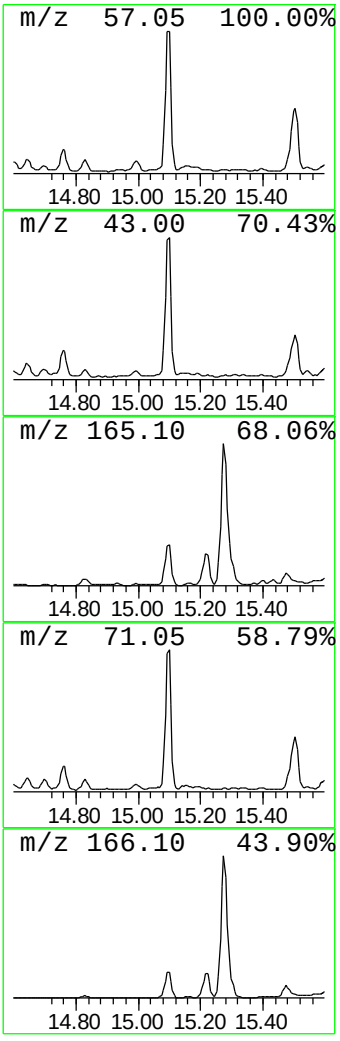
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	24.38 ng/ul	3875780	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Hexadecane	226	C16H34	000544-76-3	78
4	Hexadecane	226	C16H34	000544-76-3	45
5	Tetradecane	198	C14H30	000629-59-4	45





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

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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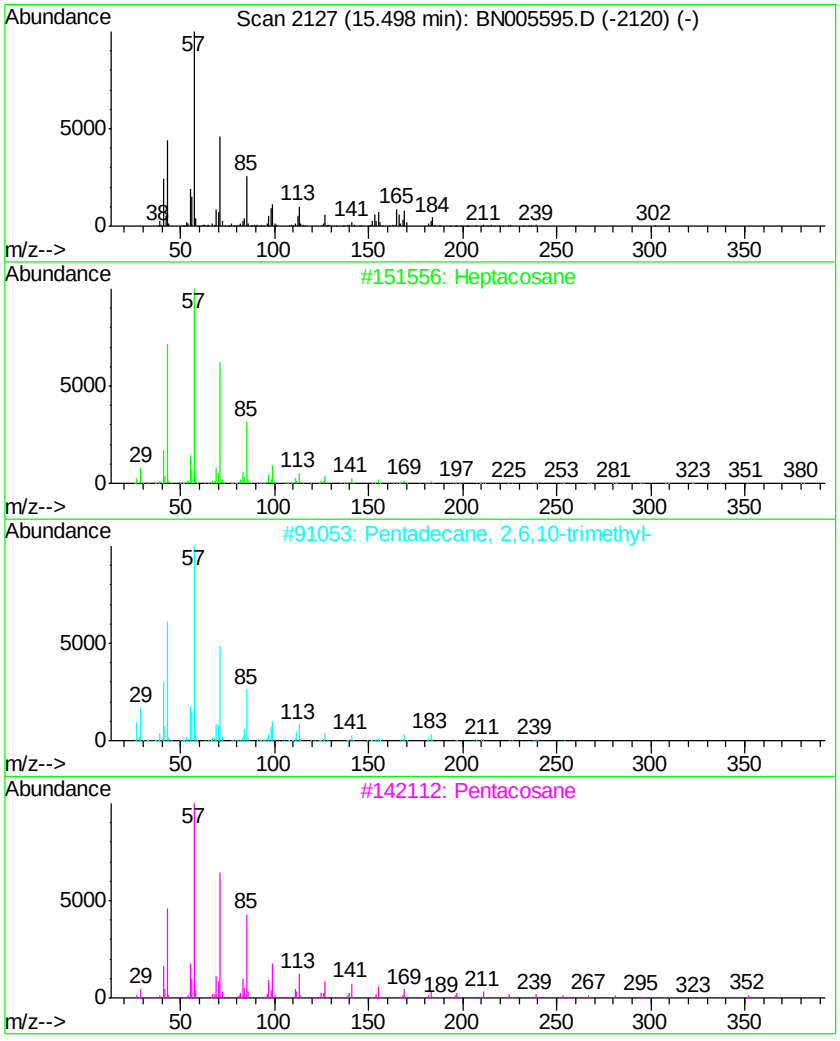
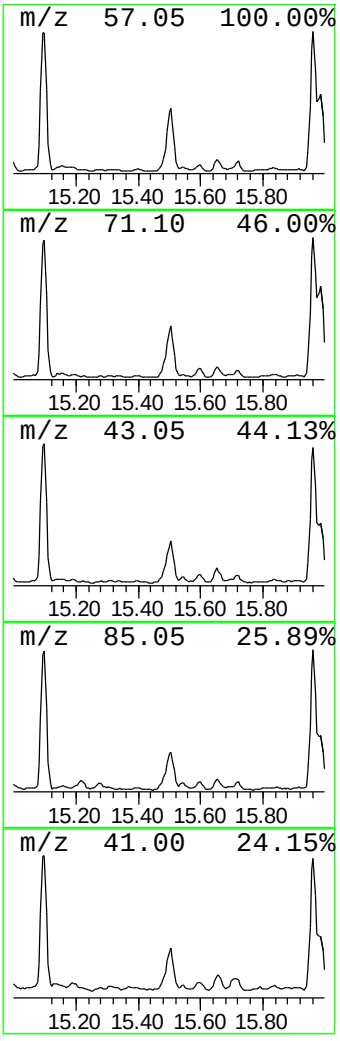
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	12.84 ng/ul	2042080	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	80
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
3	Pentacosane	352	C25H52	000629-99-2	72
4	Hexacosane	366	C26H54	000630-01-3	72
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72





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Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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Quant Title : SVOA CALIBRATION

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

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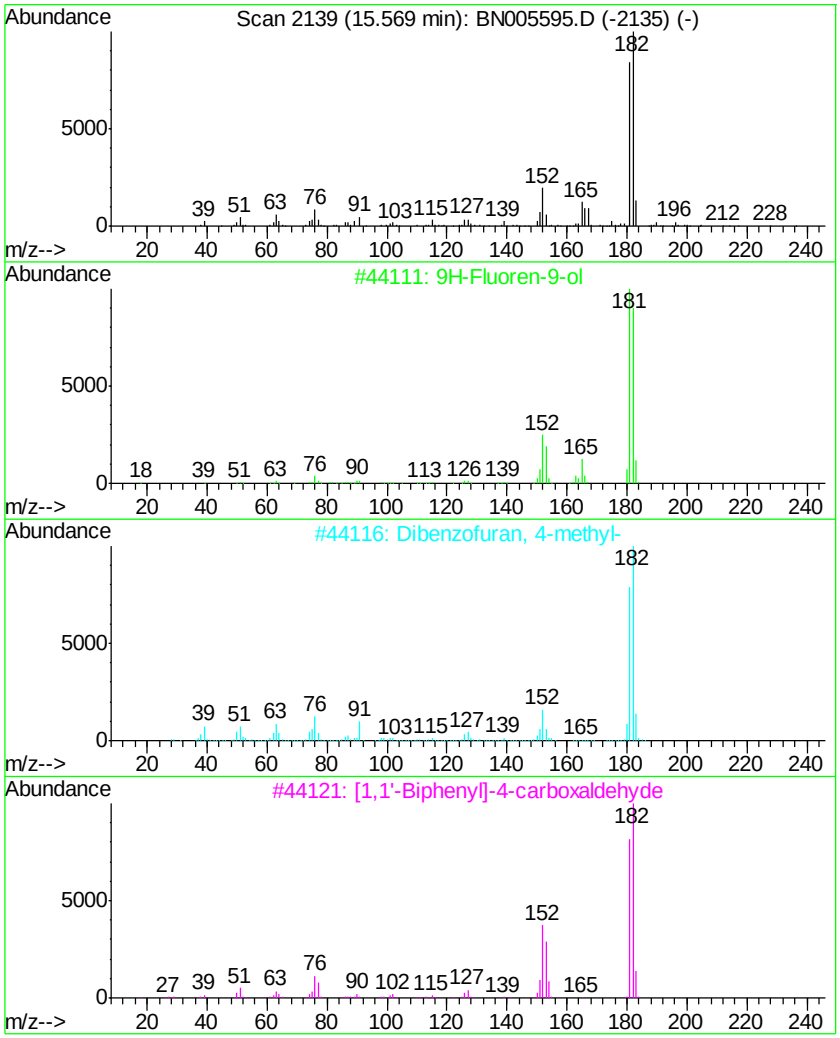
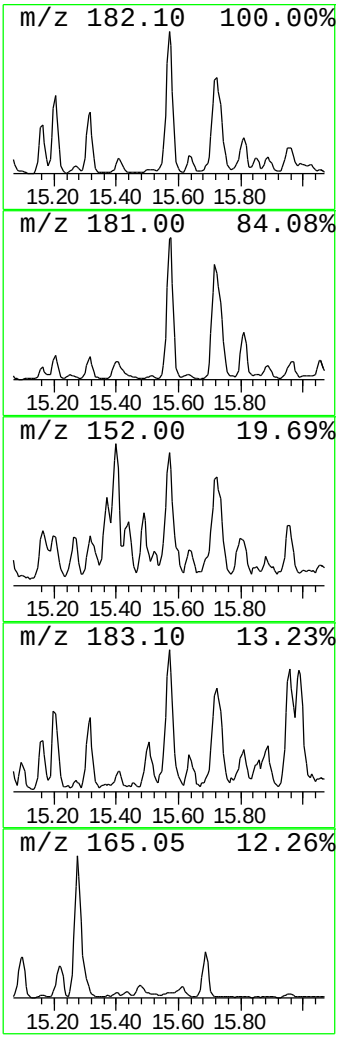
Peak Number 26 9H-Fluoren-9-ol Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	4.07 ng/ul	646933	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	80
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	76
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	53
5	4,6-Dimethoxysalicylaldehyde	182	C9H10O4	000708-76-9	50





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Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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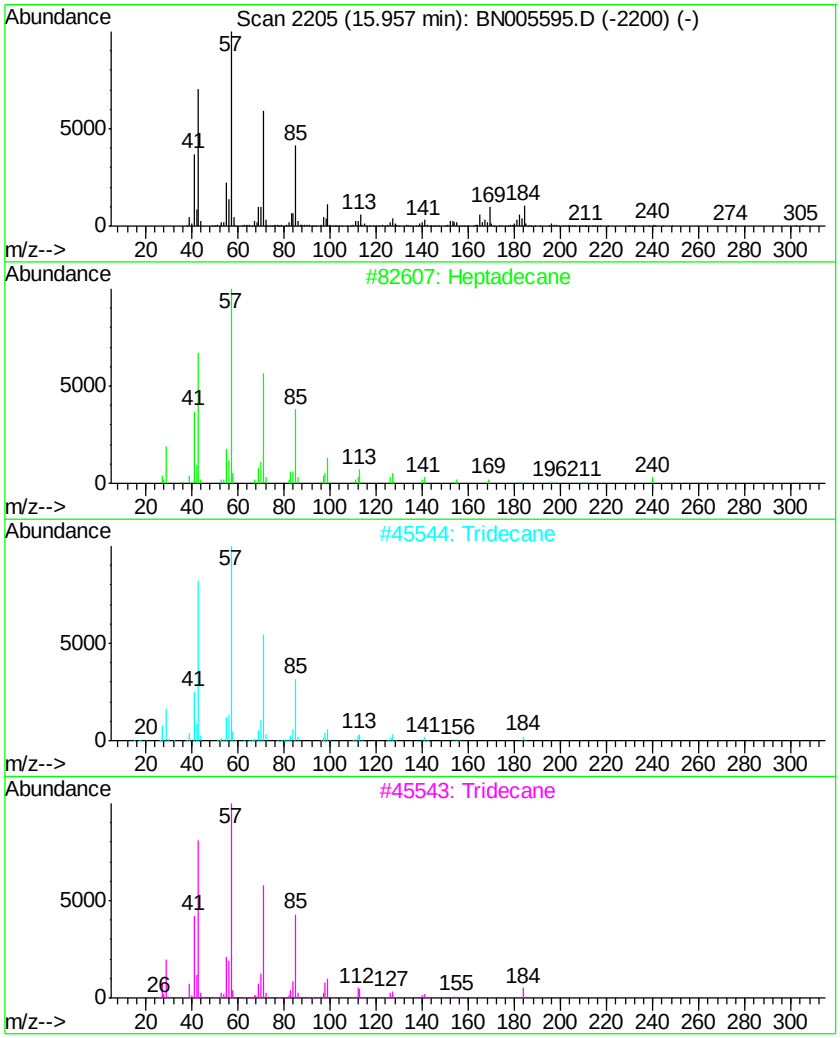
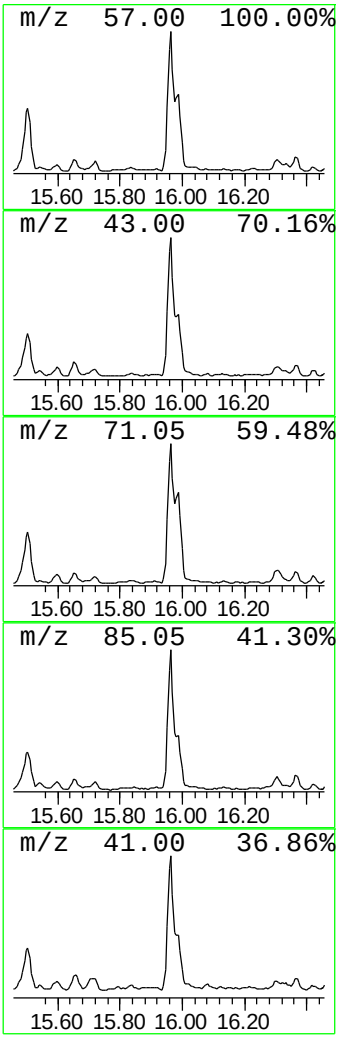
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	46.45 ng/ul	3846280	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tridecane	184	C13H28	000629-50-5	93
3	Tridecane	184	C13H28	000629-50-5	83
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Nonadecane	268	C19H40	000629-92-5	76





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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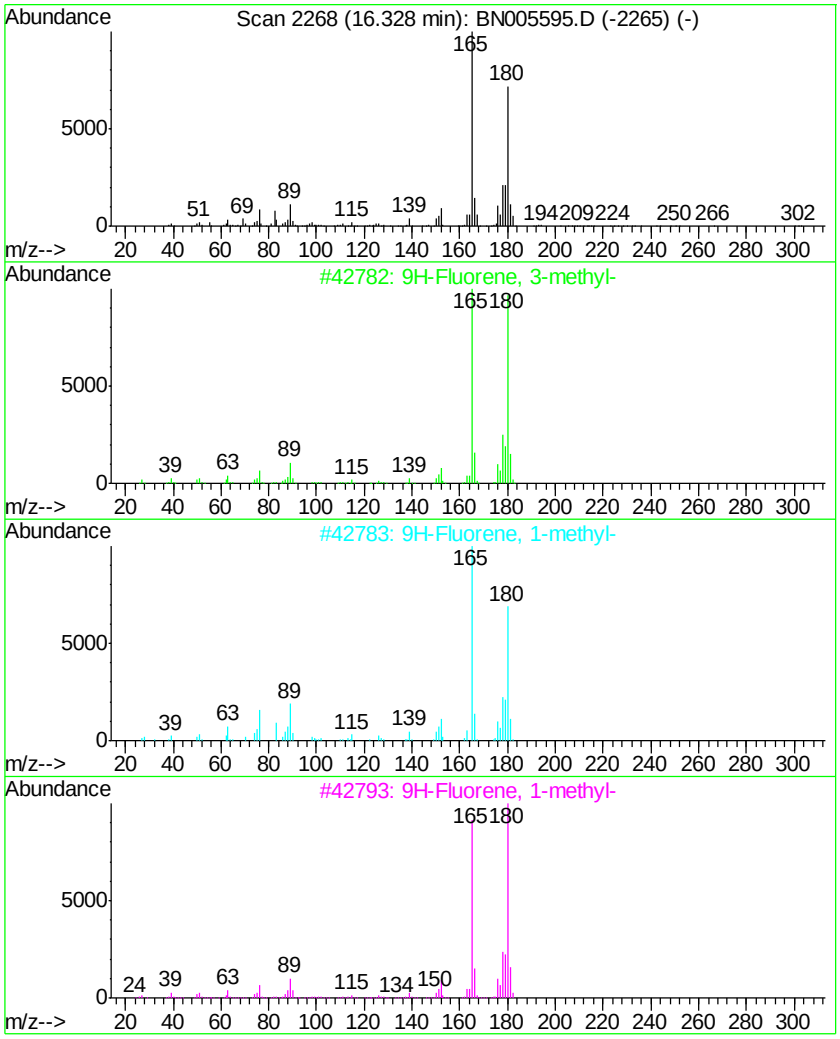
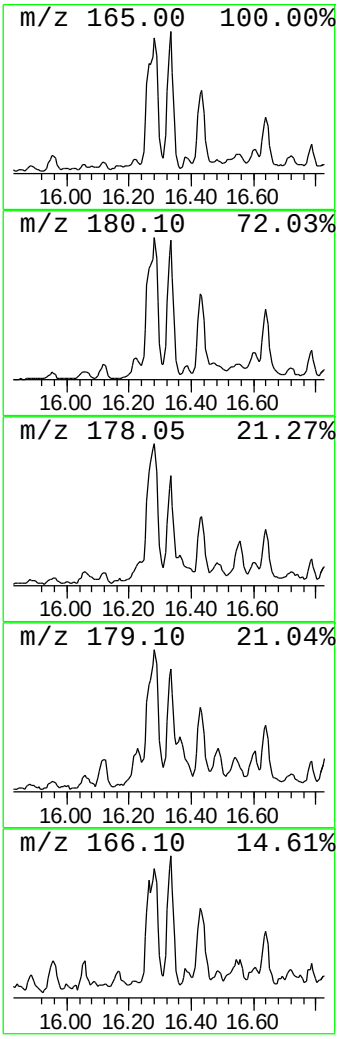
Peak Number 30 9H-Fluorene, 3-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	14.04 ng/ul	1162750	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76





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Misc :
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Instrument : BNA_N
ClientSampleId : GAJ69ME

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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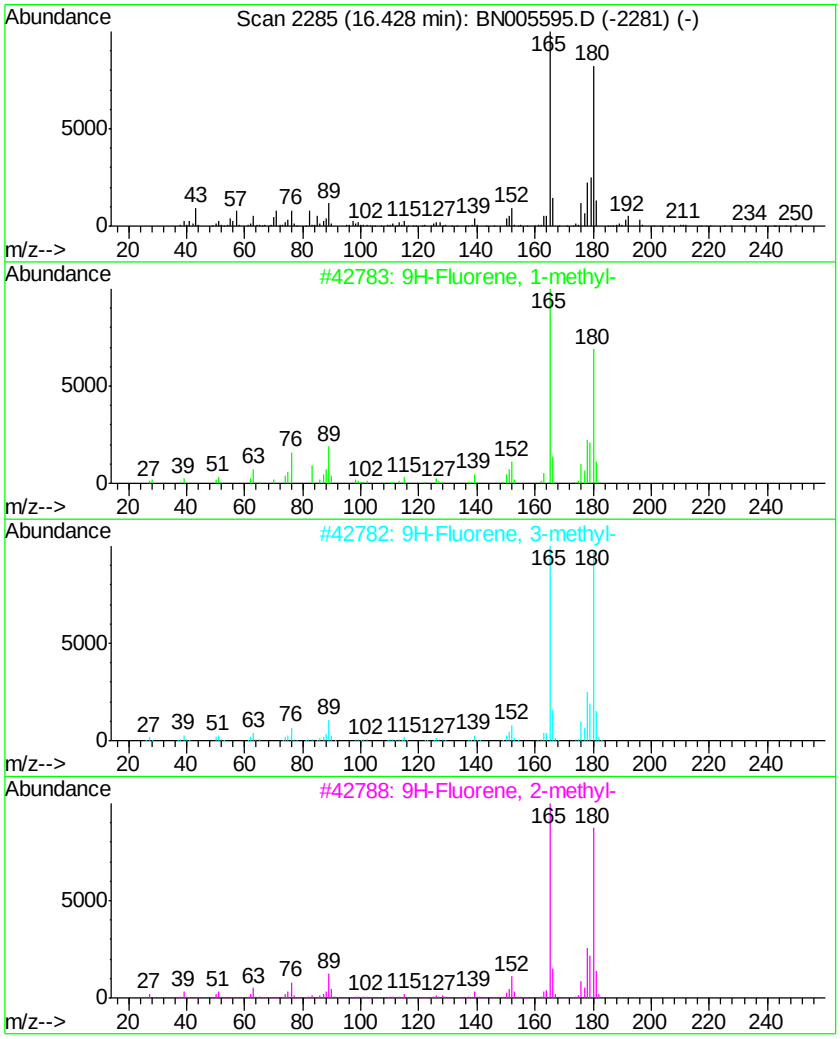
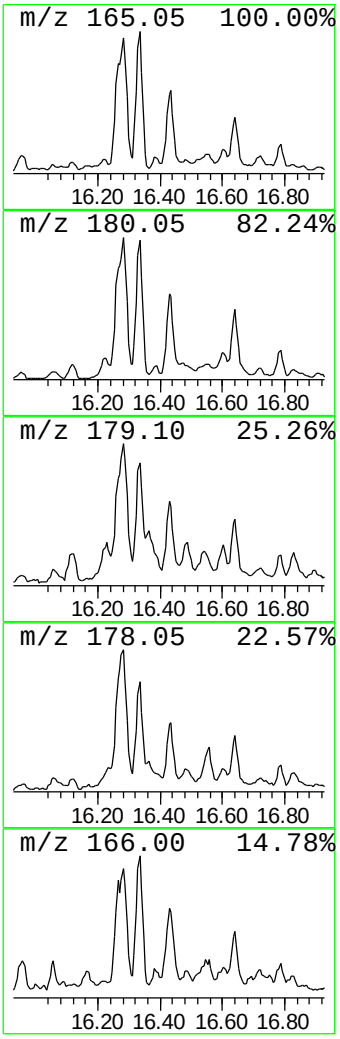
Peak Number 31 9H-Fluorene, 1-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	9.58 ng/ul	793159	Phenanthrene-d10	16.97

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	94
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91





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Data File : BN005595.D
Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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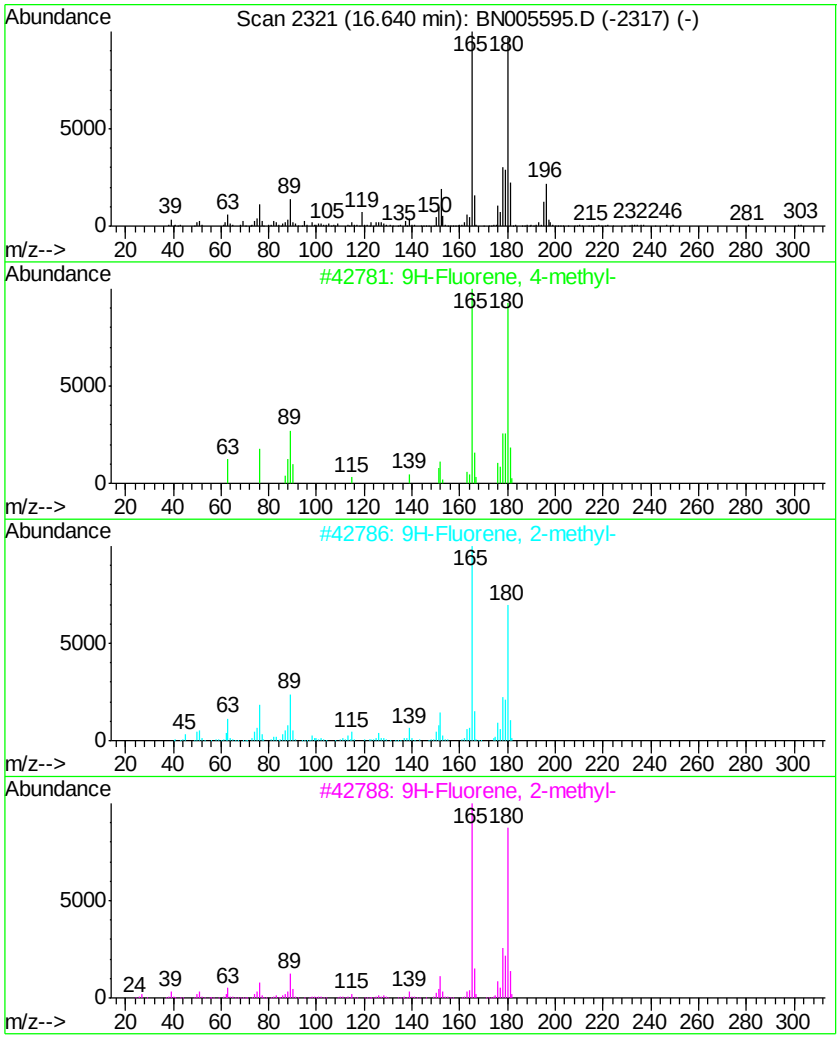
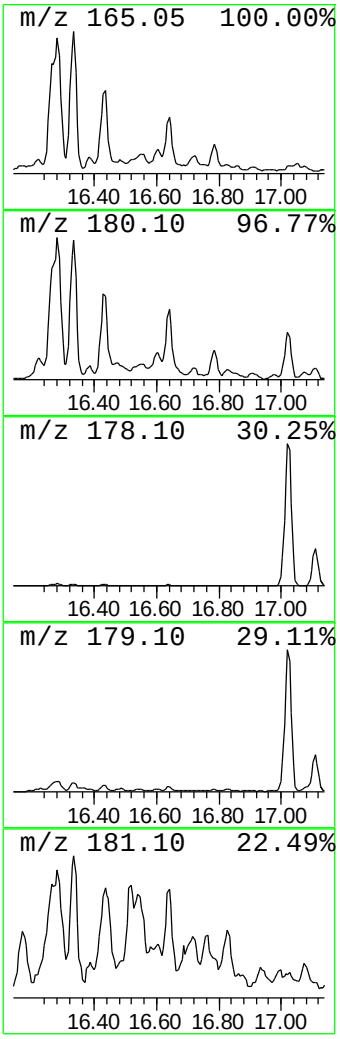
Peak Number 32 9H-Fluorene, 4-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	7.40 ng/ul	612472	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70





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Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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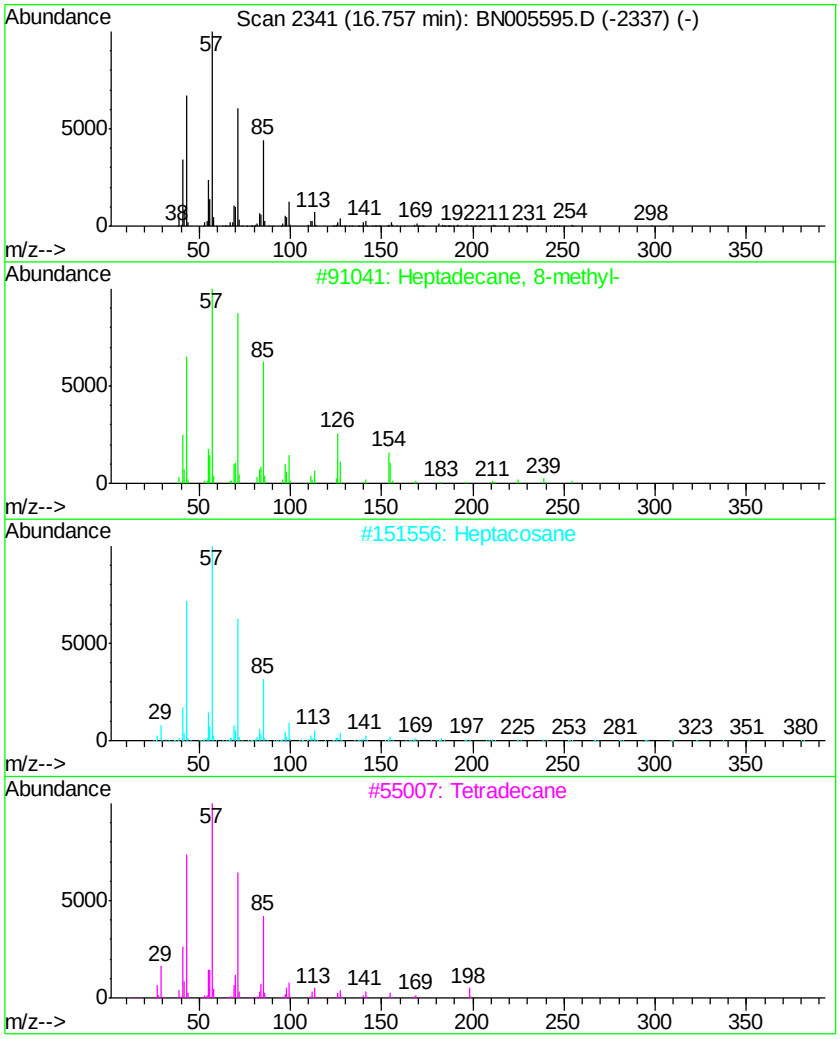
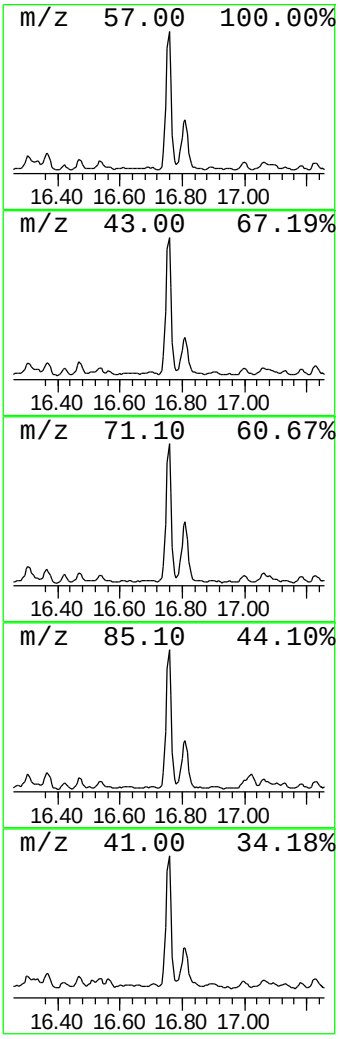
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	28.44 ng/ul	2355300	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Tetradecane	198	C14H30	000629-59-4	91





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Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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

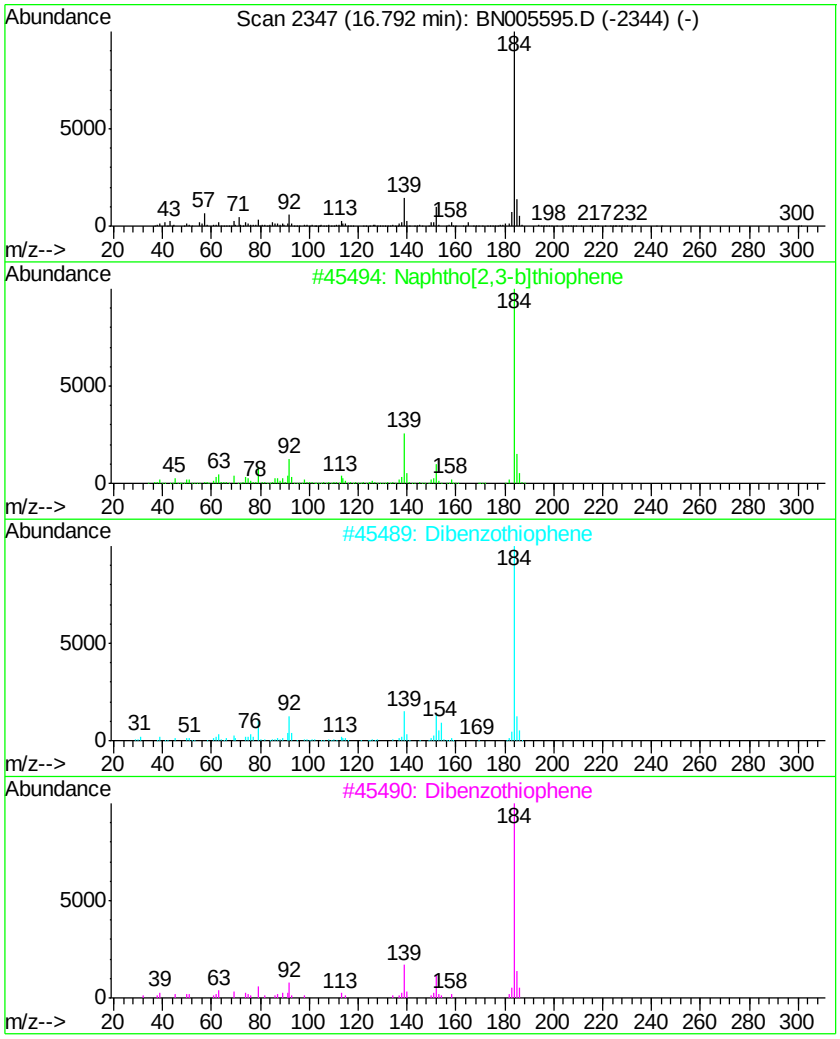
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

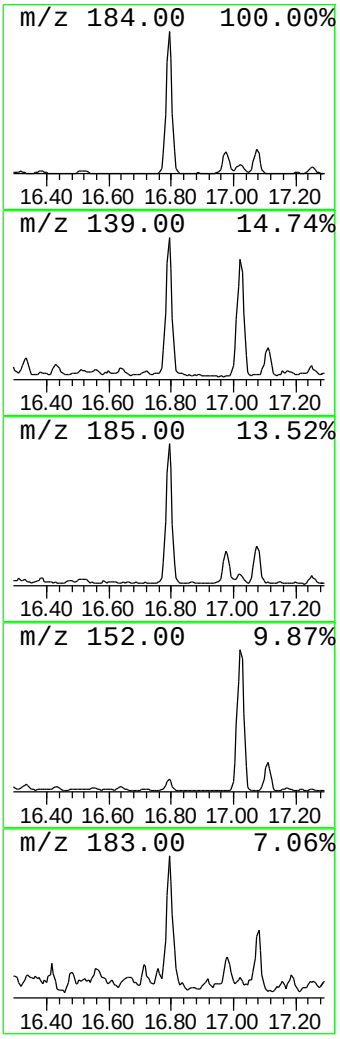
****

Peak Number 34 Naphtho[2,3-b]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	30.99 ng/ul	2566490	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	90





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Data File : BN005595.D
Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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

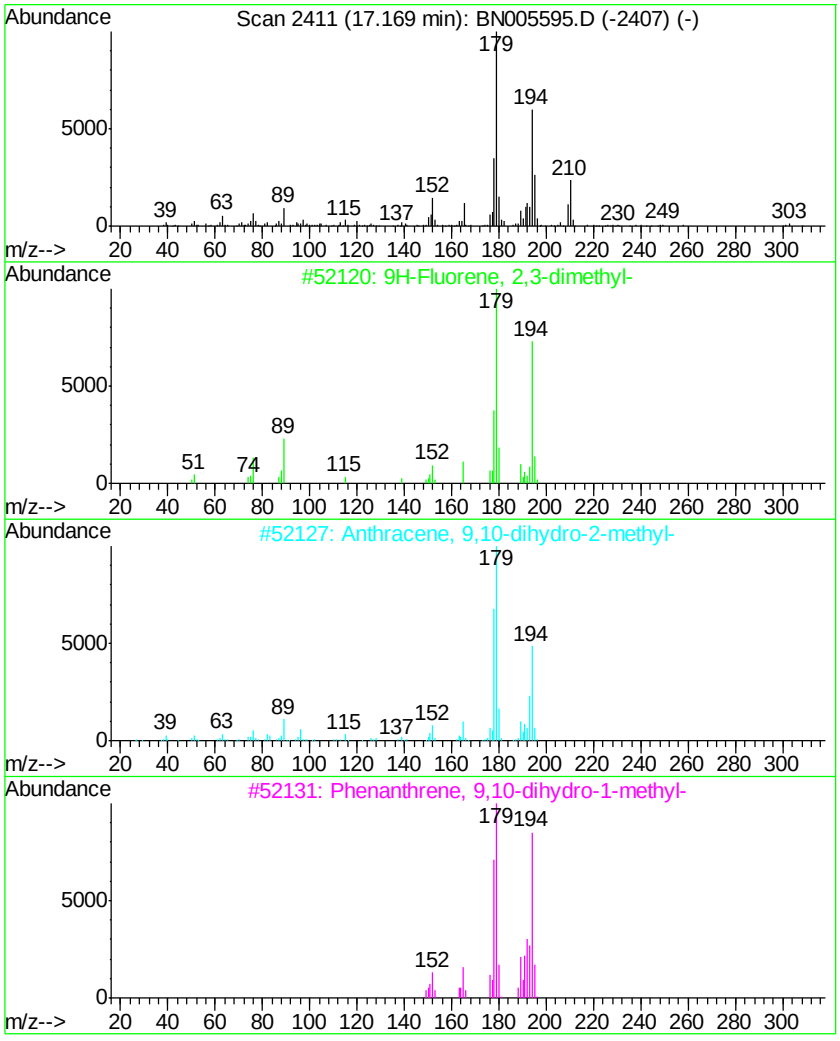
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

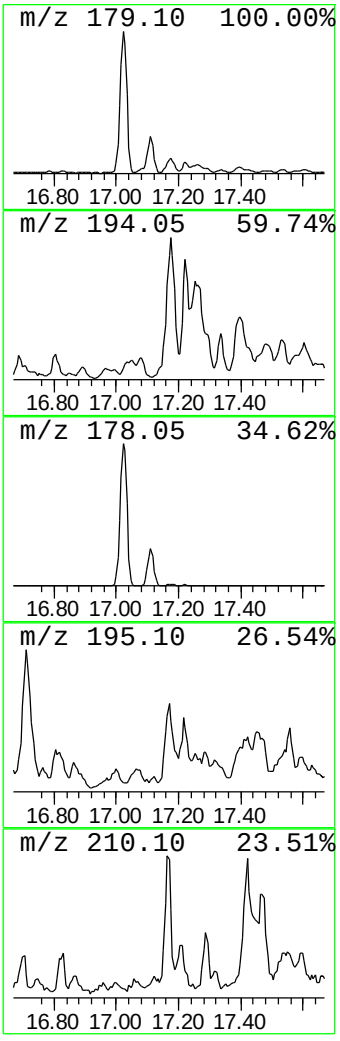
****

Peak Number 35 9H-Fluorene, 2,3-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	7.44 ng/ul	615771	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	94
2	Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	90
3	Phenanthrene, 9,10-dihydro-1-met...	194	C15H14	095676-48-5	64
4	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	64
5	9H-Fluorene, 1,9-dimethyl-	194	C15H14	017057-98-6	58





Library Search Compound Report

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Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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

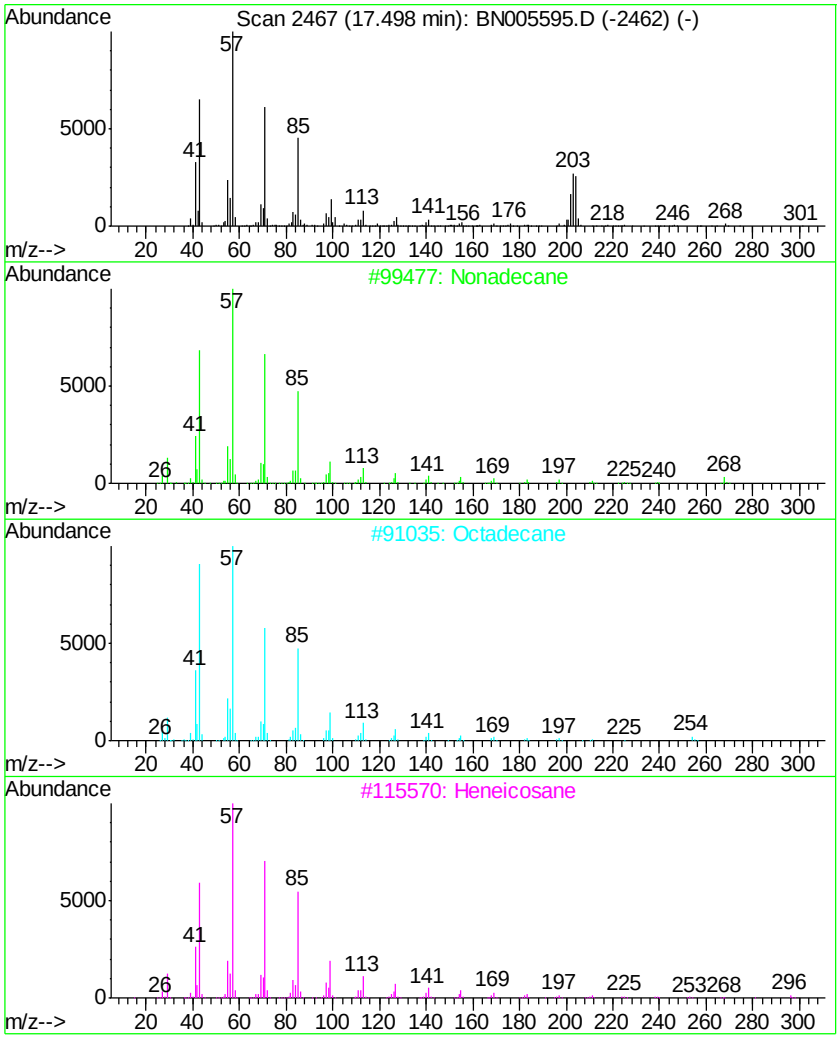
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

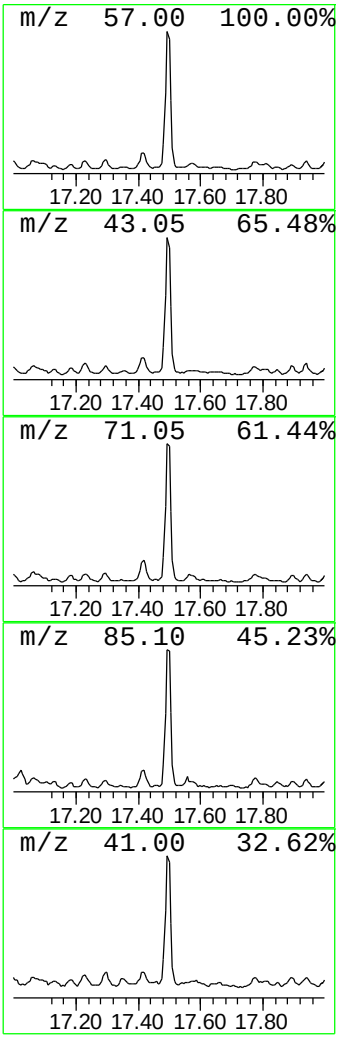
****

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	27.15 ng/ul	2248480	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Octadecane	254	C18H38	000593-45-3	64
3	Heneicosane	296	C21H44	000629-94-7	60
4	Eicosane	282	C20H42	000112-95-8	58
5	Heptadecane	240	C17H36	000629-78-7	58





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Data File : BN005595.D
Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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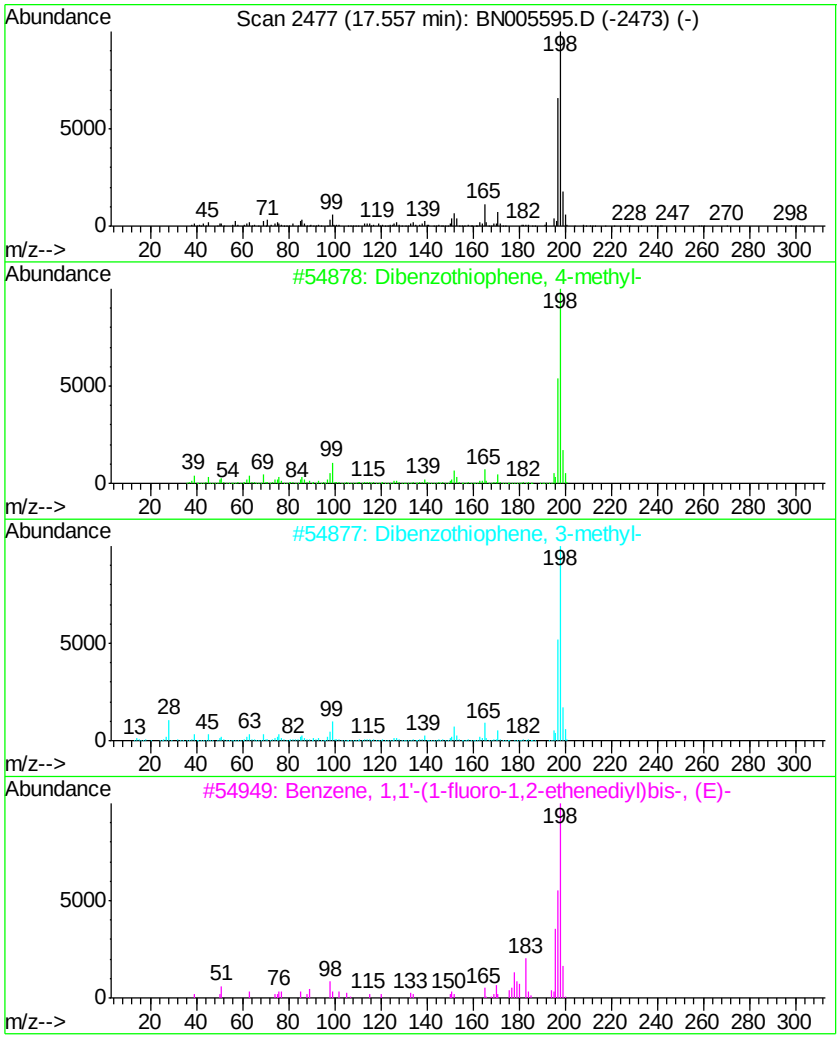
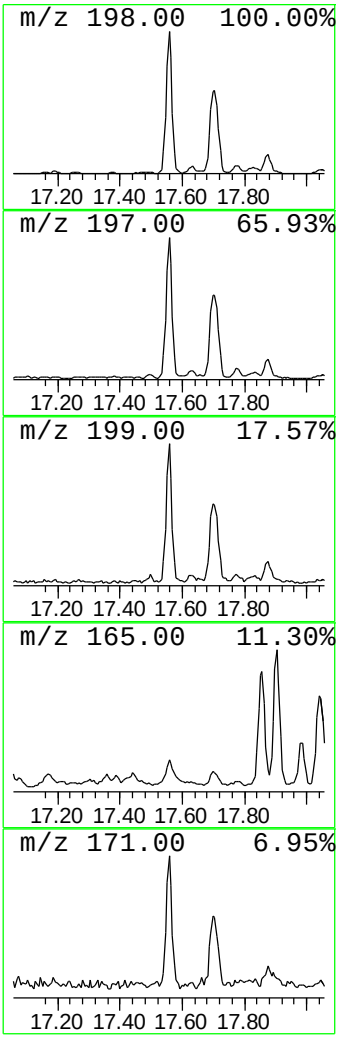
Peak Number 37 Dibenzothiophene, 4-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	12.50 ng/ul	1035340	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	96
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
3	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	78
4	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	72
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72





Library Search Compound Report

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Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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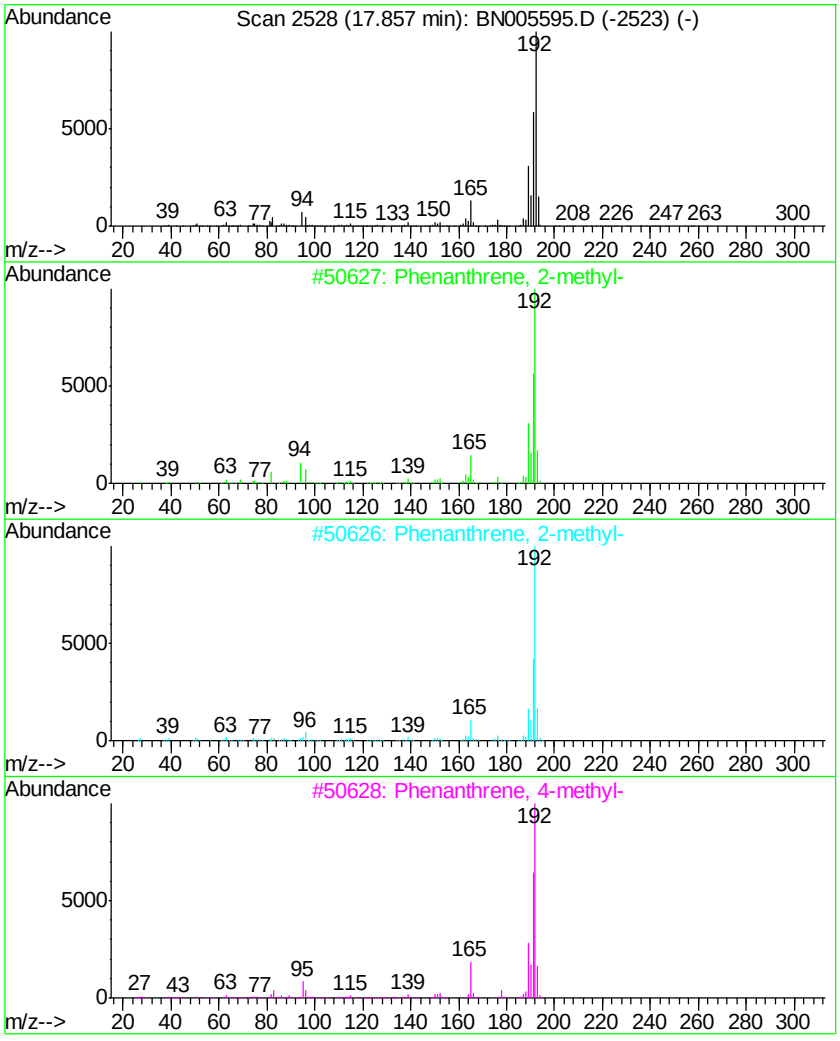
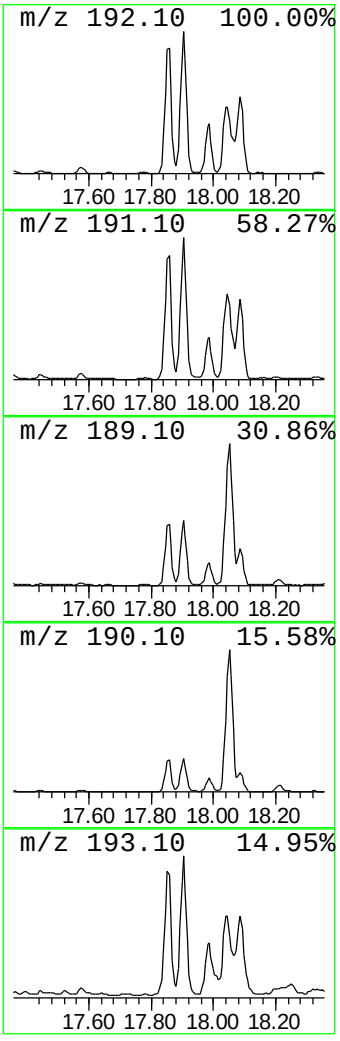
Peak Number 39 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	44.41 ng/ul	3677390	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





Library Search Compound Report

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Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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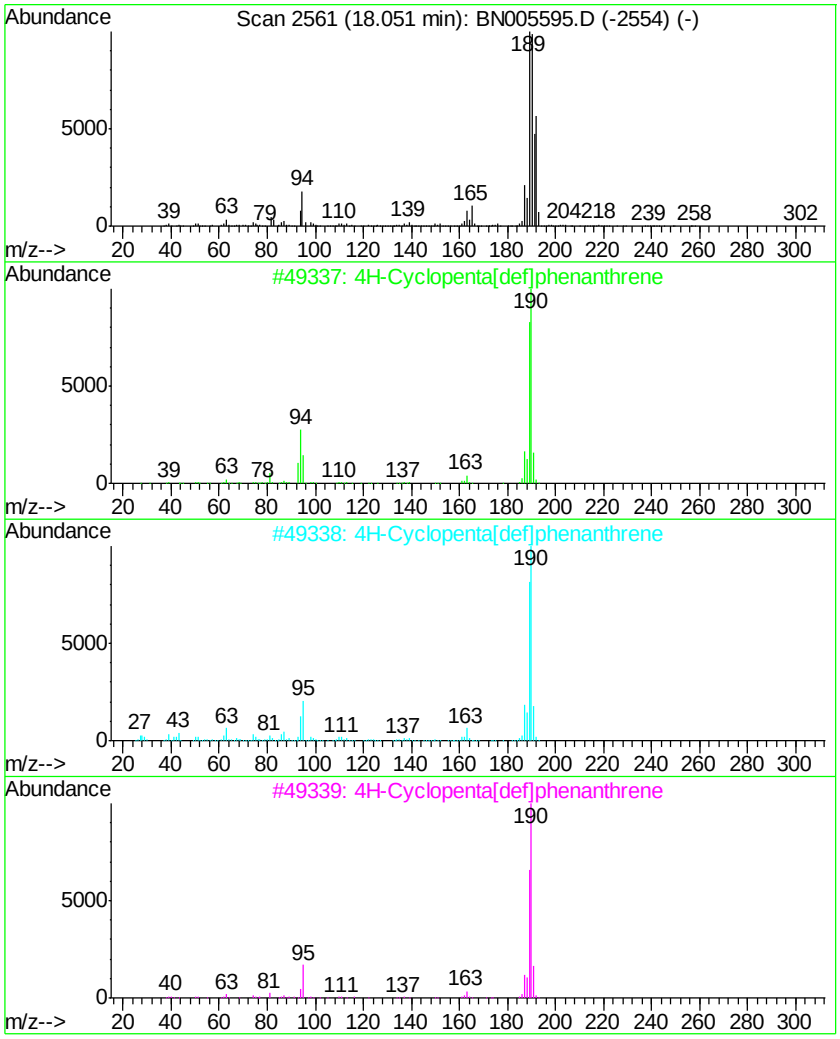
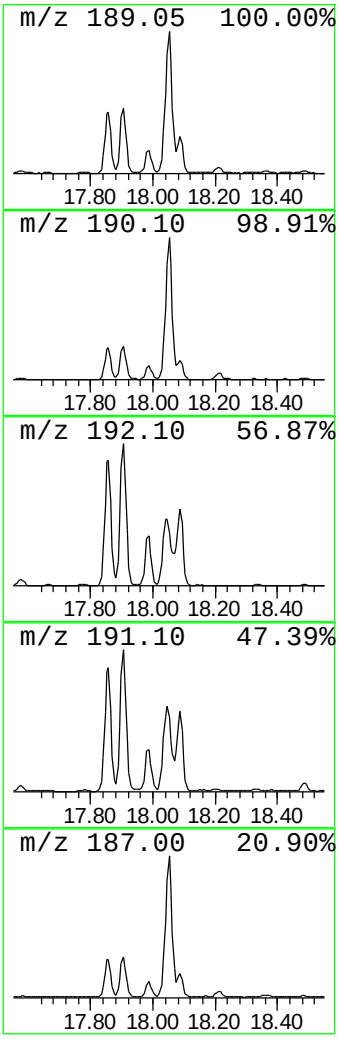
Peak Number 42 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	58.44 ng/ul	4839480	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005595.D
Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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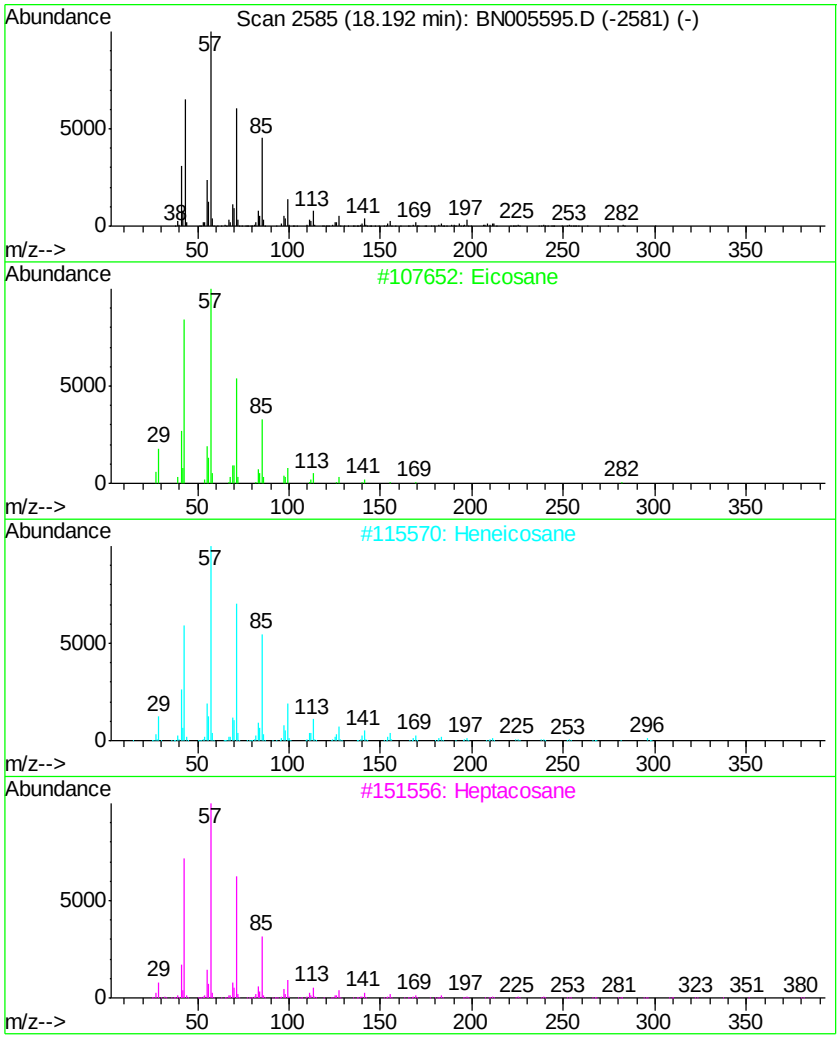
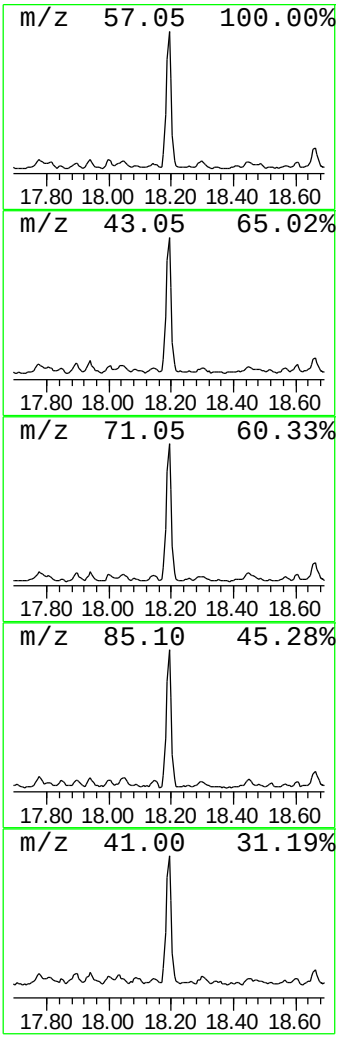
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	20.46 ng/ul	1694120	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Pentadecane	212	C15H32	000629-62-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
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Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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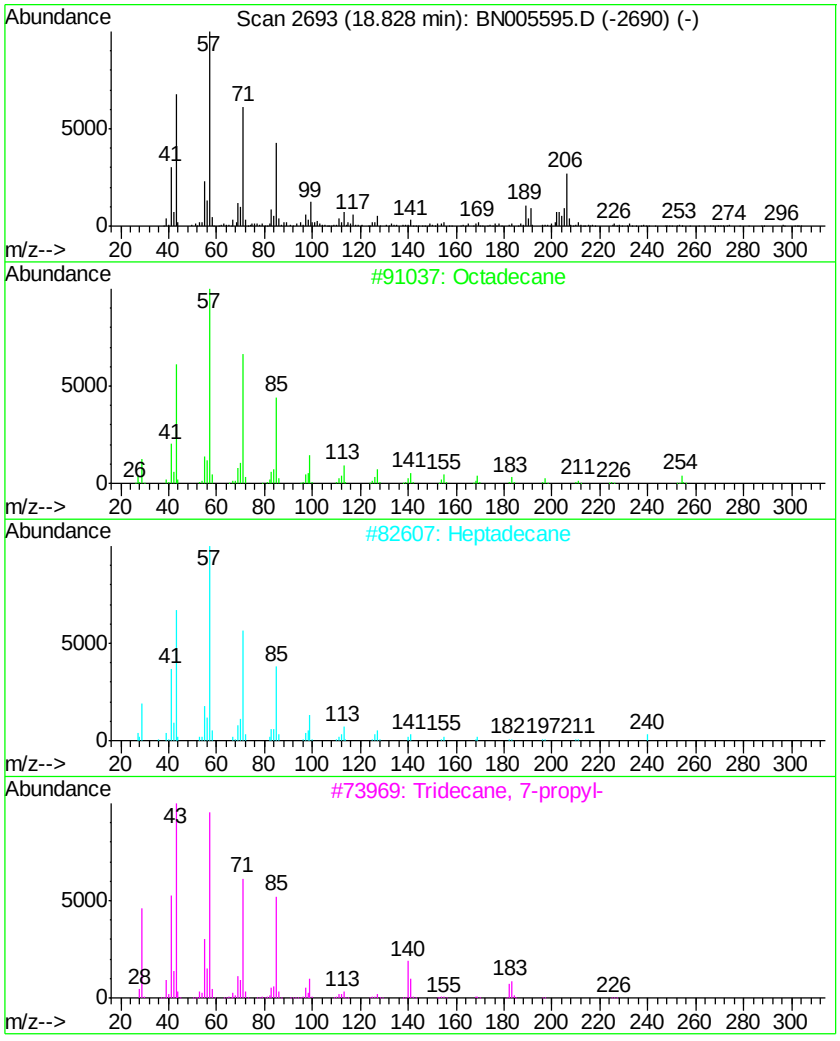
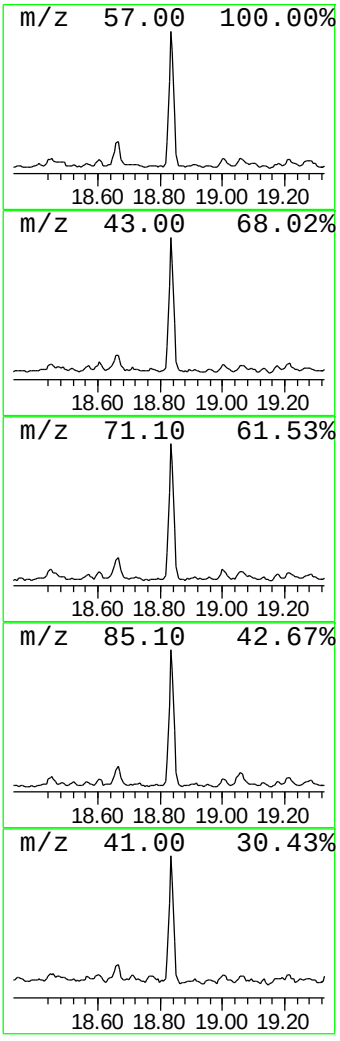
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	25.95 ng/ul	2148780	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	84
2	Heptadecane	240	C17H36	000629-78-7	83
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	78
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	78
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005595.D
Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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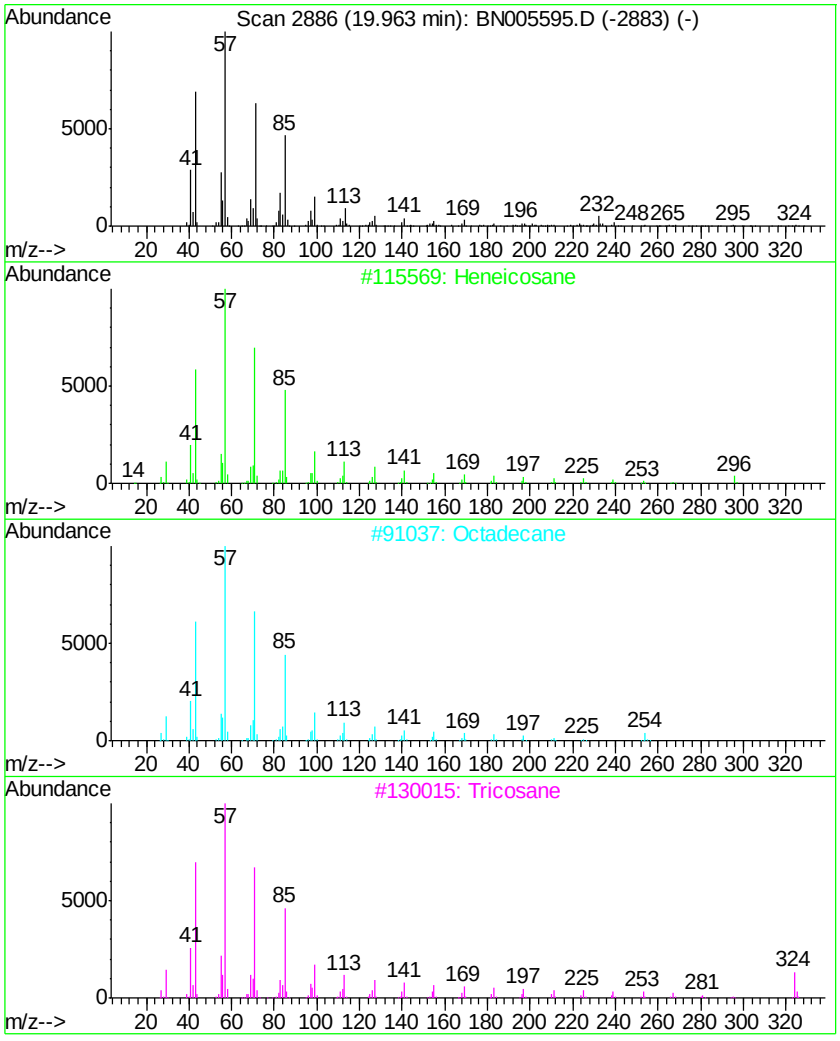
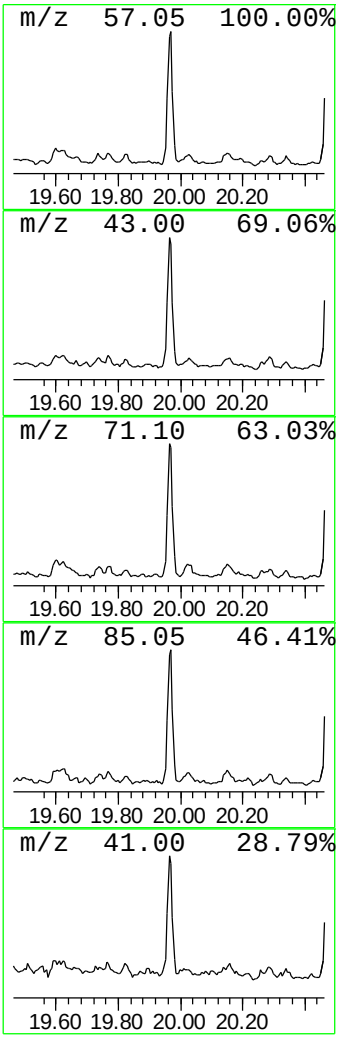
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	2.61 ng/ul	719767	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Octadecane	254	C18H38	000593-45-3	91
3	Tricosane	324	C23H48	000638-67-5	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005595.D
Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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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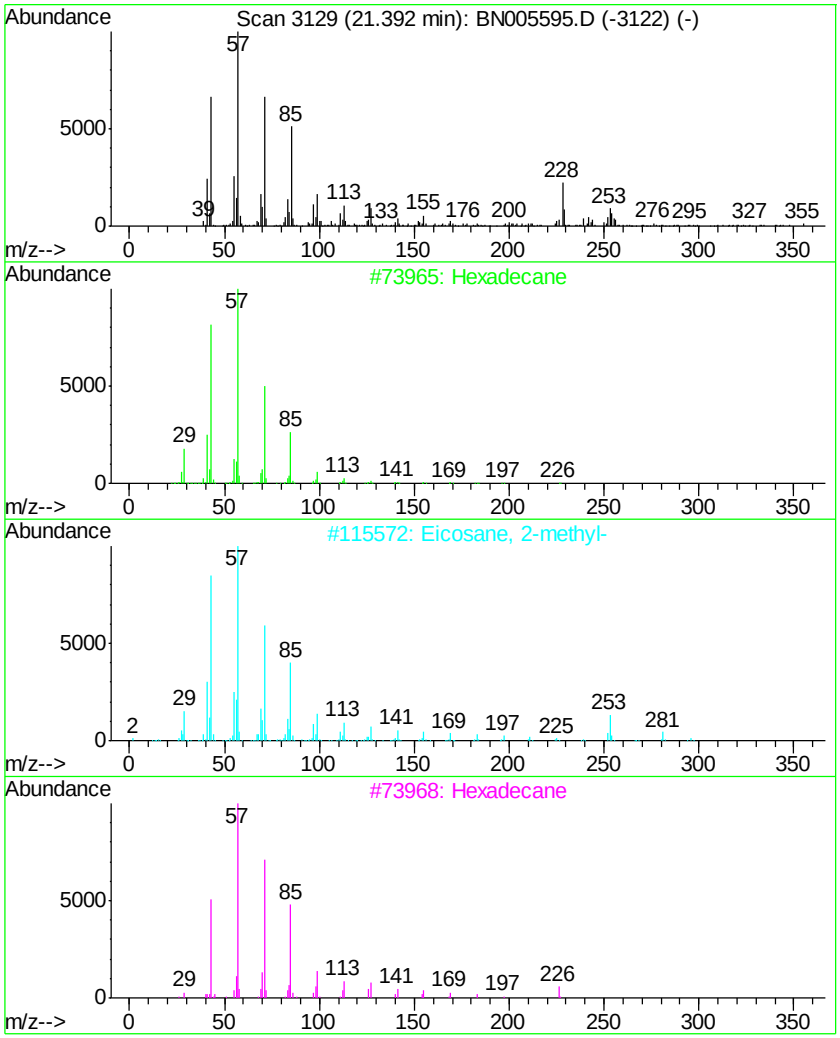
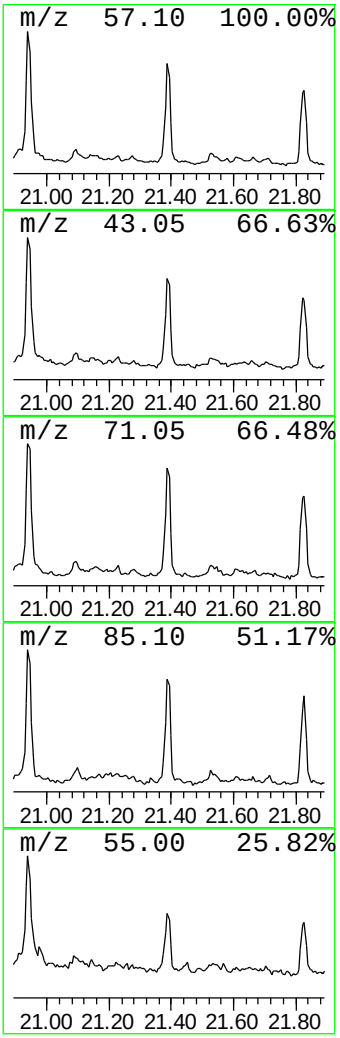
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	2.63 ng/ul	723877	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Octadecane	254	C18H38	000593-45-3	76
5	Octadecane	254	C18H38	000593-45-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005595.D
Acq On : 10 May 2019 19:05
Operator : JU/SJ
Sample : K2603-17ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ69ME

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
Bicyclo[4.2.0]oct...	5.62	15.1	ng/ul	616783	1	7.58	818093	20.0
Benzene, 1-etheny...	7.24	46.5	ng/ul	1902030	1	7.58	818093	20.0
Indene	8.10	86.0	ng/ul	3515700	1	7.58	818093	20.0
(DEL) Alkane: Str...	8.80	19.9	ng/ul	815023	1	7.58	818093	20.0
1,4-Dihydronaphth...	9.78	13.2	ng/ul	2240430	2	10.35	3400640	20.0
1H-Indene, 1-methyl-	9.85	7.4	ng/ul	1256070	2	10.35	3400640	20.0
unknown-01	9.89	3.6	ng/ul	604624	2	10.35	3400640	20.0
(DEL) Alkane: Str...	11.27	3.6	ng/ul	613790	2	10.35	3400640	20.0
(DEL) Alkane: Str...	11.38	8.3	ng/ul	1417880	2	10.35	3400640	20.0
(DEL) Alkane: Str...	11.79	19.0	ng/ul	3227730	2	10.35	3400640	20.0
Naphthalene, 1-me...	12.24	66.0	ng/ul	11226300	2	10.35	3400640	20.0
(DEL) Alkane: Cyc...	12.48	4.5	ng/ul	723970	3	14.22	3179730	20.0
(DEL) Alkane: Str...	12.76	6.2	ng/ul	990535	3	14.22	3179730	20.0
Naphthalene, 1-et...	13.24	18.1	ng/ul	2884980	3	14.22	3179730	20.0
Naphthalene, 2,6-...	13.38	29.6	ng/ul	4713990	3	14.22	3179730	20.0
Naphthalene, 2,3-...	13.54	41.5	ng/ul	6590110	3	14.22	3179730	20.0
(DEL) Alkane: Str...	14.14	21.6	ng/ul	3426050	3	14.22	3179730	20.0
Naphthalene, 2,3,...	14.70	8.7	ng/ul	1377440	3	14.22	3179730	20.0
unknown-02	14.76	5.5	ng/ul	876071	3	14.22	3179730	20.0
Naphthalene, 2-(1...	14.83	16.2	ng/ul	2575580	3	14.22	3179730	20.0
3-(2-Methyl-prope...	14.90	5.6	ng/ul	883833	3	14.22	3179730	20.0
unknown-03	14.99	4.5	ng/ul	719142	3	14.22	3179730	20.0
(DEL) Alkane: Str...	15.10	24.4	ng/ul	3875780	3	14.22	3179730	20.0
(DEL) Alkane: Str...	15.50	12.8	ng/ul	2042080	3	14.22	3179730	20.0
9H-Fluoren-9-ol	15.57	4.1	ng/ul	646933	3	14.22	3179730	20.0
(DEL) Alkane: Str...	15.96	46.5	ng/ul	3846280	4	16.97	1656200	20.0
9H-Fluorene, 3-me...	16.33	14.0	ng/ul	1162750	4	16.97	1656200	20.0
9H-Fluorene, 1-me...	16.43	9.6	ng/ul	793159	4	16.97	1656200	20.0
9H-Fluorene, 4-me...	16.64	7.4	ng/ul	612472	4	16.97	1656200	20.0
(DEL) Alkane: Str...	16.76	28.4	ng/ul	2355300	4	16.97	1656200	20.0
Naphtho[2,3-b]thi...	16.79	31.0	ng/ul	2566490	4	16.97	1656200	20.0
9H-Fluorene, 2,3-...	17.17	7.4	ng/ul	615771	4	16.97	1656200	20.0
(DEL) Alkane: Str...	17.50	27.1	ng/ul	2248480	4	16.97	1656200	20.0
Dibenzothiophene,...	17.56	12.5	ng/ul	1035340	4	16.97	1656200	20.0
Phenanthrene, 2-m...	17.86	44.4	ng/ul	3677390	4	16.97	1656200	20.0
4H-Cyclopenta[def...	18.05	58.4	ng/ul	4839480	4	16.97	1656200	20.0
(DEL) Alkane: Str...	18.19	20.5	ng/ul	1694120	4	16.97	1656200	20.0
(DEL) Alkane: Str...	18.83	25.9	ng/ul	2148780	4	16.97	1656200	20.0
(DEL) Alkane: Str...	19.96	2.6	ng/ul	719767	5	21.21	5508560	20.0
(DEL) Alkane: Str...	21.39	2.6	ng/ul	723877	5	21.21	5508560	20.0