LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020399.D
Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

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_M\METHODS\SOM-EPA-BM051619MA.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	5.728	462	466	474	rVB4	30024	68510	1.92%	0.169%
2	7.369	740	745	753	rVB3	81145	149265	4.19%	0.369%
3	7.728	800	806	819	rBV	245627	417535	11.73%	1.032%
4	8.257	890	896	906	rVV	218900	365114	10.26%	0.902%
5	8.922	1000	1009	1016	rVV5	27019	76693	2.15%	0.190%
6	9.945	1171	1183	1189	rBV5	62821	173283	4.87%	0.428%
7	10.016	1189	1195	1199	rBV	64412	115206	3.24%	0.285%
8	10.469	1266	1272	1275	rBV	57269	86962	2.44%	0.215%
9	10.522	1275	1281	1284	rVV	340855	570888	16.04%	1.411%
10	10.575	1284	1290	1298	rVV	2197360	3559074	100.00%	8.794%
11	10.692	1305	1310	1321	rVV2	70728	147516	4.14%	0.364%
12	11.922	1511	1519	1526	rBV	110416	182119	5.12%	0.450%
13	12.186	1558	1564	1577	rVV	1377285	2169716	60.96%	5.361%
14	12.410	1591	1602	1609	rVV	732466	1166312	32.77%	2.882%
15	13.180	1725	1733	1735	rBV	133971	211746	5.95%	0.523%
16	13.210	1735	1738	1745	rVB	165464	240625	6.76%	0.595%
17	13.404	1765	1771	1783	rVB	87443	201195	5.65%	0.497%
18	13.533	1787	1793	1794	rBV	269544	341506	9.60%	0.844%
19	13.692	1814	1820	1825	rBV	406286	719013	20.20%	1.777%
20	13.751	1825	1830	1834	rVV	273538	412620	11.59%	1.020%
21	13.792	1834	1837	1840	rVV	67122	105247	2.96%	0.260%
22	13.833	1840	1844	1849	rVV2	161020	252607	7.10%	0.624%
23	13.933	1856	1861	1864	rVV	196956	284356	7.99%	0.703%
24	13.963	1864	1866	1871	rVB3	67864	83977	2.36%	0.207%
25	14.104	1877	1890	1898	rBV2	601020	1040608	29.24%	2.571%
26	14.257	1911	1916	1922	rBV	147970	210734	5.92%	0.521%
27	14.380	1925	1937	1943	rBV3	532057	1004336	28.22%	2.482%
28	14.445	1943	1948	1955	rVB2	104703	222945	6.26%	0.551%
29	14.586	1966	1972	1981	rVB2	56930	134030	3.77%	0.331%
30	14.774	1993	2004	2012	rBV2	273715	498130	14.00%	1.231%
31	14.851	2012	2017	2021	rBV	109460	146974	4.13%	0.363%
32	14.986	2034	2040	2046	rVV2	109626	211439	5.94%	0.522%
33	15.045	2046	2050	2055	rVB	80825	110731	3.11%	0.274%
34	15.163	2063	2070	2074	rBV5	66728	156316	4.39%	0.386%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020399.D
Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

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_M\METHODS\SOM-EPA-BM051619MA.M
Title : SVOA CALIBRATION

35	15.215	2074	2079	2082	rVB2	138523	181697	5.11%	0.449%
36	15.251	2082	2085	2091	rVB	97255	131442	3.69%	0.325%
37	15.374	2097	2106	2110	rVB2	160091	240000	6.74%	0.593%
38	15.427	2110	2115	2127	rVB	632767	1057796	29.72%	2.614%
39	15.621	2145	2148	2157	rVB3	55993	114833	3.23%	0.284%
40	15.721	2160	2165	2171	rVB	103933	165736	4.66%	0.410%
41	15.845	2180	2186	2188	rBV3	88941	151807	4.27%	0.375%
42	15.868	2188	2190	2198	rVB	108933	186329	5.24%	0.460%
43	16.080	2221	2226	2228	rBV	160094	242486	6.81%	0.599%
44	16.433	2278	2286	2290	rBV2	143214	319112	8.97%	0.788%
45	16.480	2290	2294	2299	rVB	108504	155845	4.38%	0.385%
46	16.580	2306	2311	2317	rVB2	90286	130240	3.66%	0.322%
47	16.657	2317	2324	2327	rBV4	49695	97906	2.75%	0.242%
48	16.698	2327	2331	2339	rVV5	49065	101796	2.86%	0.252%
49	16.792	2343	2347	2352	rVB3	45667	69830	1.96%	0.173%
50	16.868	2353	2360	2364	rBV2	163460	226491	6.36%	0.560%
51	16.921	2364	2369	2370	rVV3	52591	79262	2.23%	0.196%
52	16.951	2370	2374	2381	rVB	181559	269337	7.57%	0.666%
53	17.133	2398	2405	2408	rBV	663032	1010830	28.40%	2.498%
54	17.174	2408	2412	2418	rVV	2555472	3406648	95.72%	8.417%
55	17.227	2418	2421	2423	rVV	97572	131311	3.69%	0.324%
56	17.262	2423	2427	2433	rVB	481150	668646	18.79%	1.652%
57	17.539	2467	2474	2482	rBV3	77406	197464	5.55%	0.488%
58	17.609	2482	2486	2489	rVV	126415	156141	4.39%	0.386%
59	17.645	2489	2492	2499	rVV	56568	86248	2.42%	0.213%
60	17.709	2499	2503	2512	rVB2	71353	122289	3.44%	0.302%
61	17.851	2522	2527	2534	rBV2	47793	90948	2.56%	0.225%
62	18.004	2547	2553	2557	rVV	400311	568286	15.97%	1.404%
63	18.051	2557	2561	2568	rVV	448594	630230	17.71%	1.557%
64	18.133	2570	2575	2580	rVV	160782	234760	6.60%	0.580%
65	18.203	2580	2587	2590	rVV3	438307	828174	23.27%	2.046%
66	18.239	2590	2593	2599	rVB	230826	319743	8.98%	0.790%
67	18.304	2599	2604	2610	rVB2	108049	143699	4.04%	0.355%
68	18.509	2634	2639	2644	rBV	190199	268551	7.55%	0.664%
69	18.756	2676	2681	2685	rBV3	44430	71601	2.01%	0.177%
70	18.927	2704	2710	2715	rBV2	166709	364024	10.23%	0.899%
71	18.992	2715	2721	2723	rVV3	81889	162190	4.56%	0.401%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020399.D
Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

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_M\METHODS\SOM-EPA-BM051619MA.M
Title : SVOA CALIBRATION

72	19.015	2723	2725	2729	rVB	62013	72430	2.04%	0.179%
73	19.062	2729	2733	2748	rVB4	64821	206812	5.81%	0.511%
74	19.192	2749	2755	2762	rBV	1124254	1501992	42.20%	3.711%
75	19.345	2776	2781	2791	rVB	188927	277799	7.81%	0.686%
76	19.439	2791	2797	2799	rBV	40000	64584	1.81%	0.160%
77	19.527	2806	2812	2814	rBV2	297301	462265	12.99%	1.142%
78	19.556	2814	2817	2825	rVV	1183218	1589352	44.66%	3.927%
79	19.627	2825	2829	2836	rVB3	67067	120094	3.37%	0.297%
80	19.739	2843	2848	2853	rVB	47509	80780	2.27%	0.200%
81	19.880	2866	2872	2880	rVB4	98452	235506	6.62%	0.582%
82	20.056	2890	2902	2908	rVB	289869	576420	16.20%	1.424%
83	20.156	2914	2919	2923	rVV	204496	281277	7.90%	0.695%
84	20.209	2923	2928	2932	rVB2	120536	183765	5.16%	0.454%
85	20.350	2948	2952	2956	rVV	93270	129837	3.65%	0.321%
86	20.397	2956	2960	2967	rVB	115385	189582	5.33%	0.468%
87	20.756	3018	3021	3025	rBV5	41940	77348	2.17%	0.191%
88	20.968	3054	3057	3060	rBV	60072	74803	2.10%	0.185%
89	21.009	3060	3064	3067	rVV2	110542	152784	4.29%	0.378%
90	21.321	3109	3117	3121	rBV2	1015204	1951656	54.84%	4.822%
91	21.362	3121	3124	3134	rVB	402526	568947	15.99%	1.406%
92	21.874	3208	3211	3217	rVV2	96320	157744	4.43%	0.390%
93	21.927	3218	3220	3225	rVB	68880	70480	1.98%	0.174%
94	22.074	3242	3245	3248	rBV2	50914	64516	1.81%	0.159%
95	22.909	3382	3387	3392	rBV2	151375	361600	10.16%	0.893%
96	23.080	3412	3416	3426	rVB	64093	116575	3.28%	0.288%
97	23.397	3465	3470	3473	rBV	102579	162007	4.55%	0.400%
98	23.444	3474	3478	3482	rVV2	100088	158080	4.44%	0.391%
99	23.491	3482	3486	3494	rVB	217197	397568	11.17%	0.982%
100	23.591	3497	3503	3509	rBV	504037	963495	27.07%	2.381%

Sum of corrected areas: 40471154

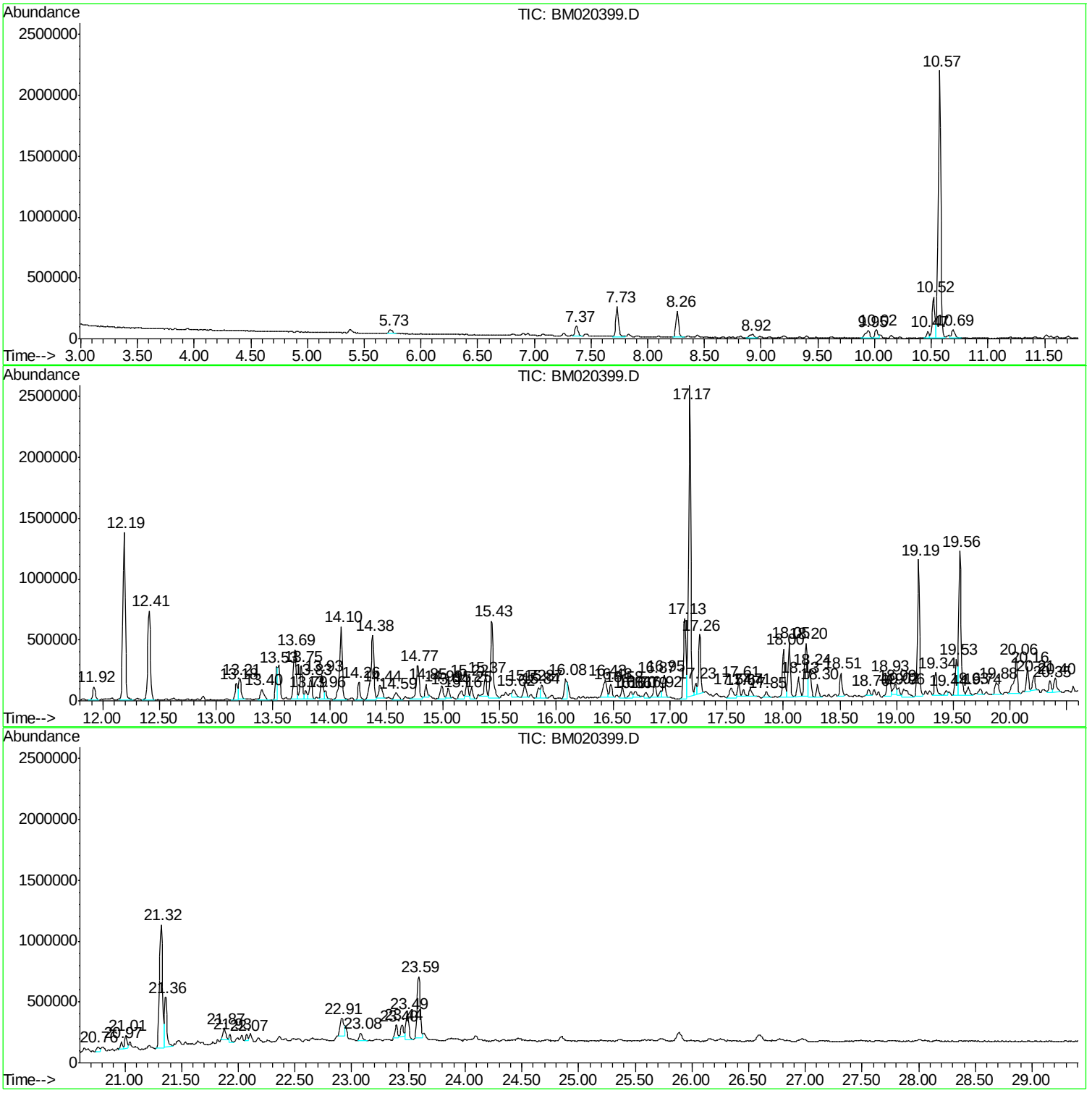
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020399.D
Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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 M\DATA\BM051819\
Data File : BM020399.D
Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

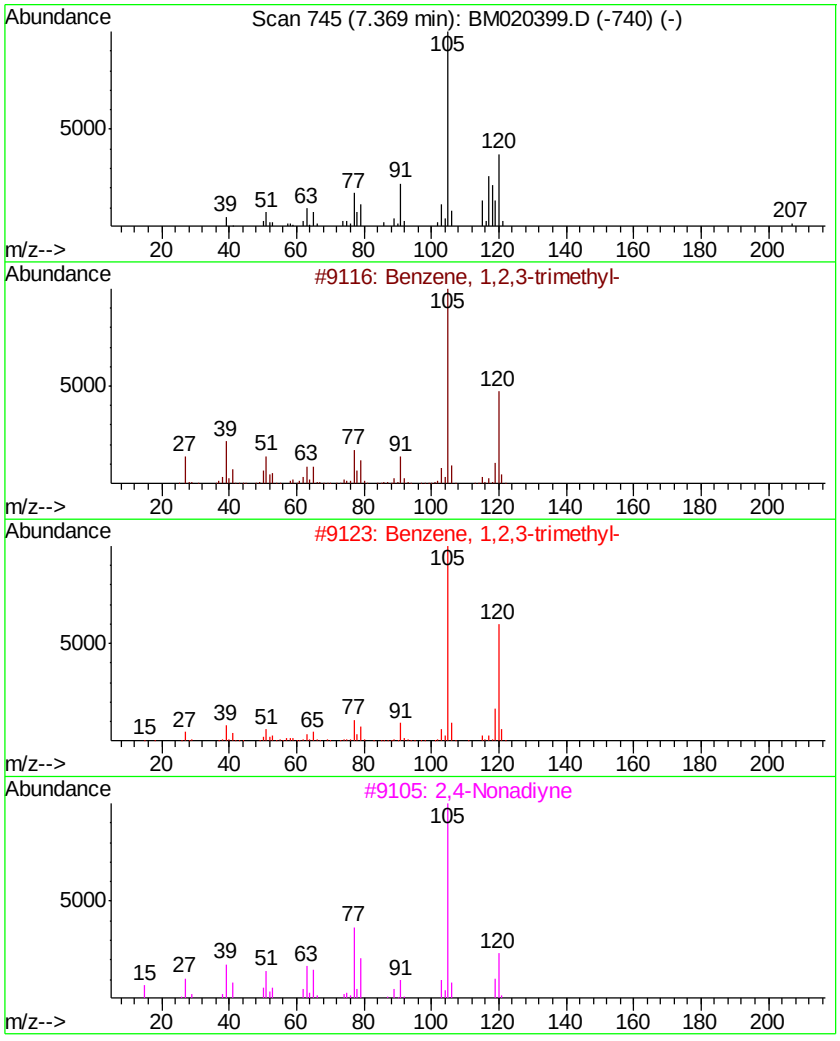
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

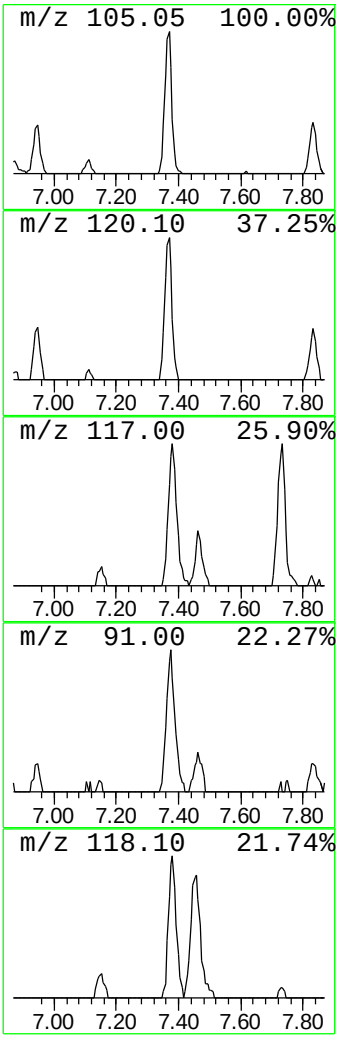
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	7.15 ng/ul	149265	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	60
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	60
3	2,4-Nonadiyne	120	C9H12	063621-15-8	55
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	55
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020399.D
Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

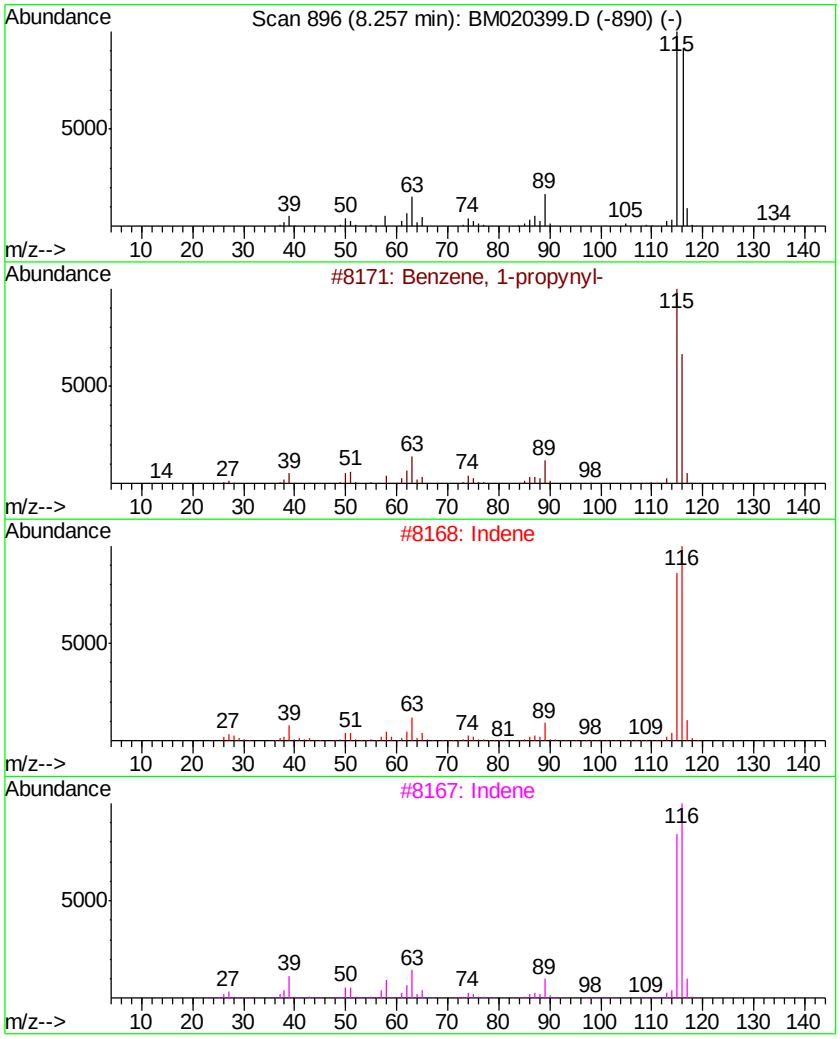
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

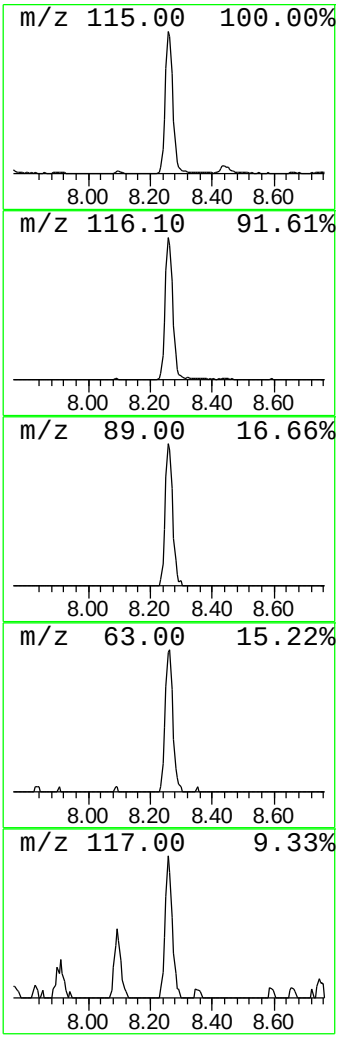
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	17.49 ng/ul	365114	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	97
2	Indene	116	C9H8	000095-13-6	94
3	Indene	116	C9H8	000095-13-6	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020399.D
Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

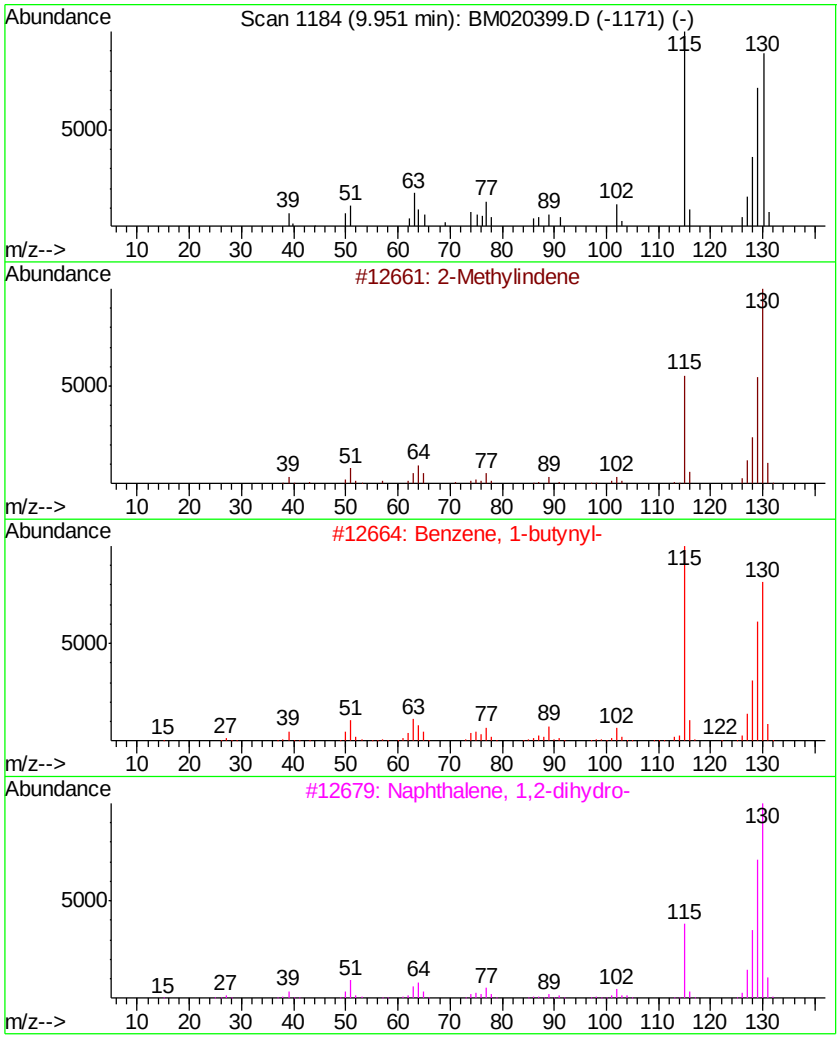
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

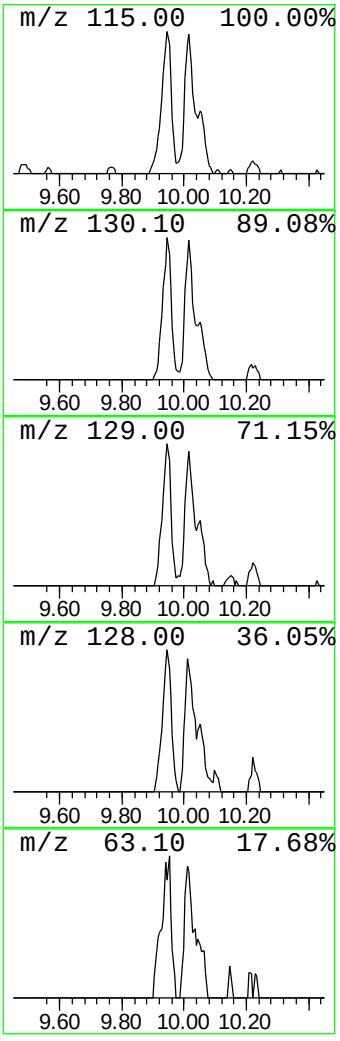
****

Peak Number 4 2-Methylindene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	6.07 ng/ul	173283	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	95
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	93
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020399.D
Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

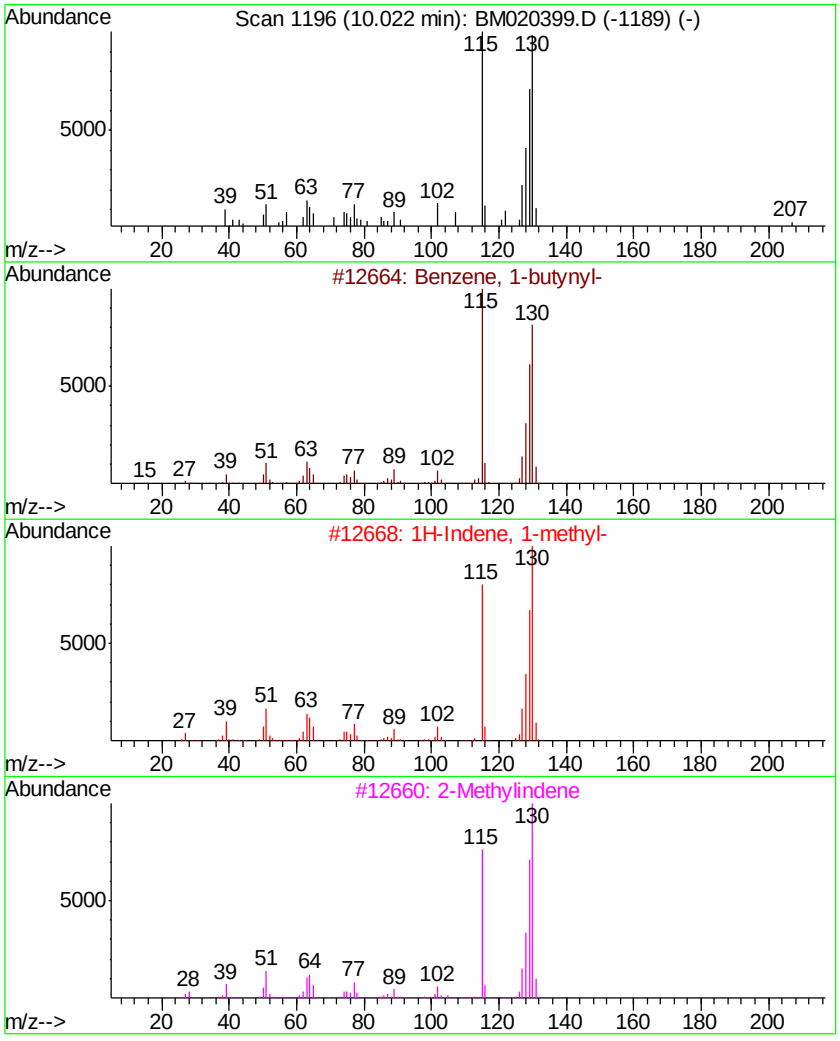
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

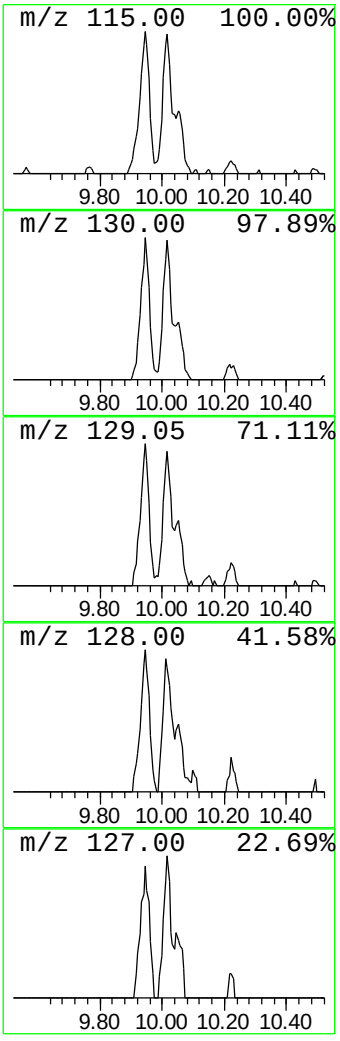
****

Peak Number 5 Benzene, 1-butynyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	4.04 ng/ul	115206	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	91
3	2-Methylindene	130	C10H10	002177-47-1	91
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	91
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020399.D
Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

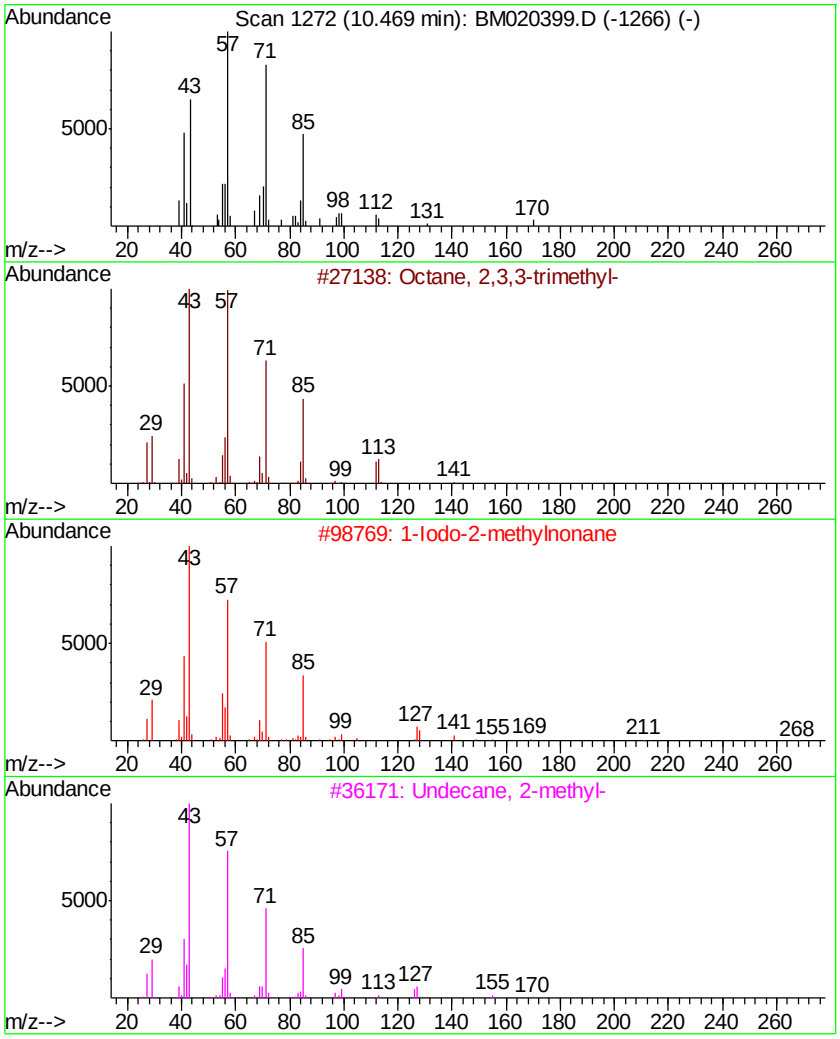
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

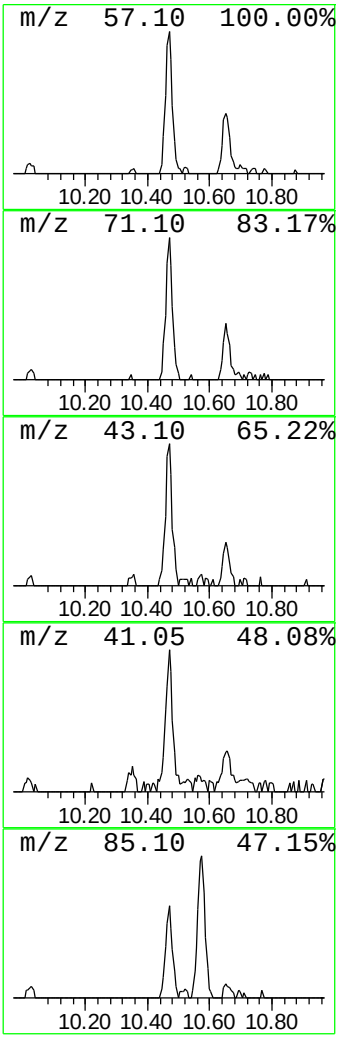
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	3.05 ng/ul	86962	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	78
2	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
4	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59





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Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

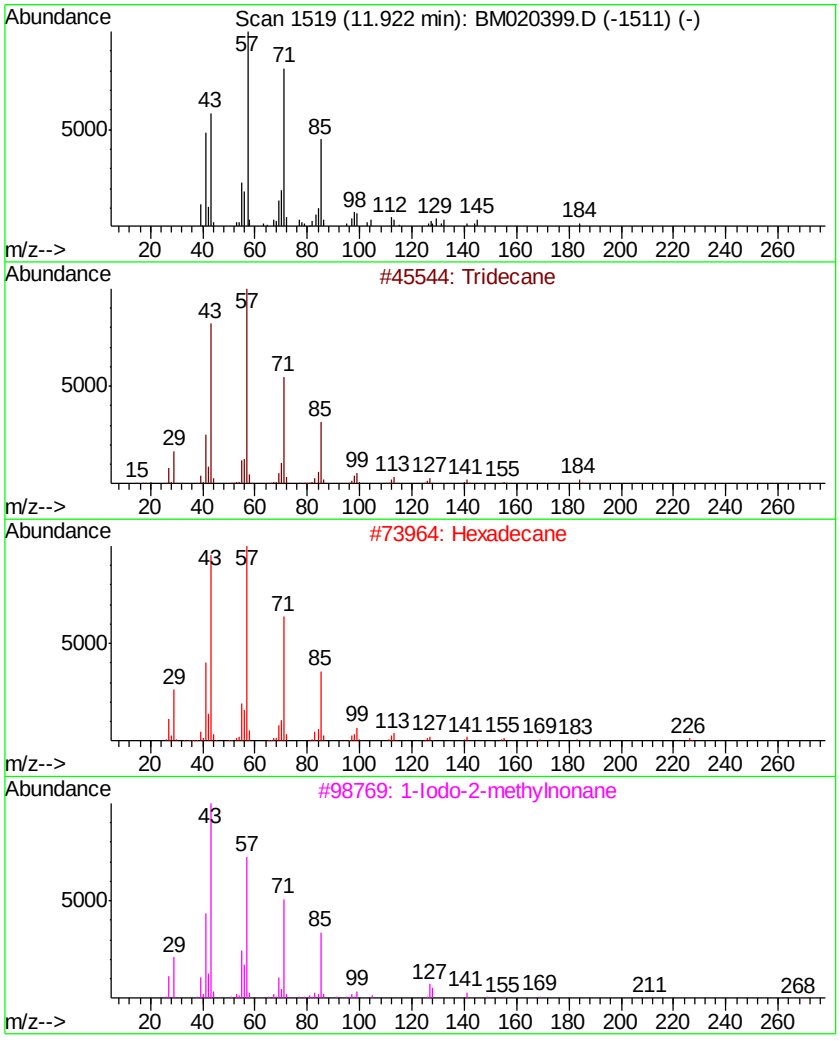
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

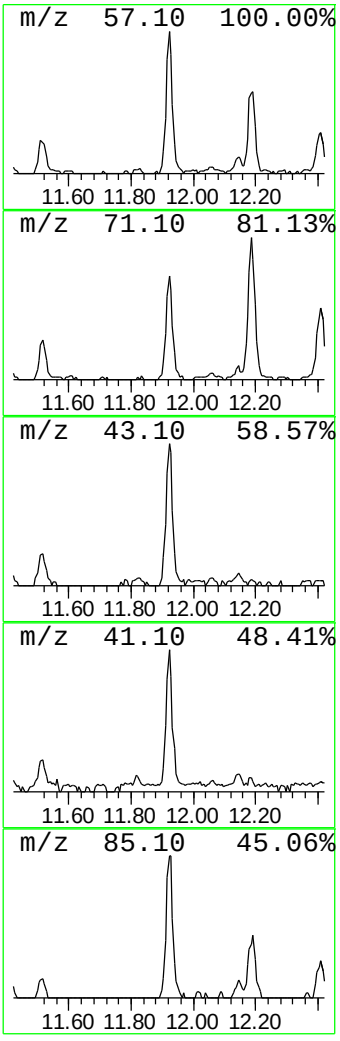
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	6.38 ng/ul	182119	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Hexadecane	226	C16H34	000544-76-3	72
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
4	Tridecane	184	C13H28	000629-50-5	62
5	Nonane	128	C9H20	000111-84-2	55





Library Search Compound Report

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Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

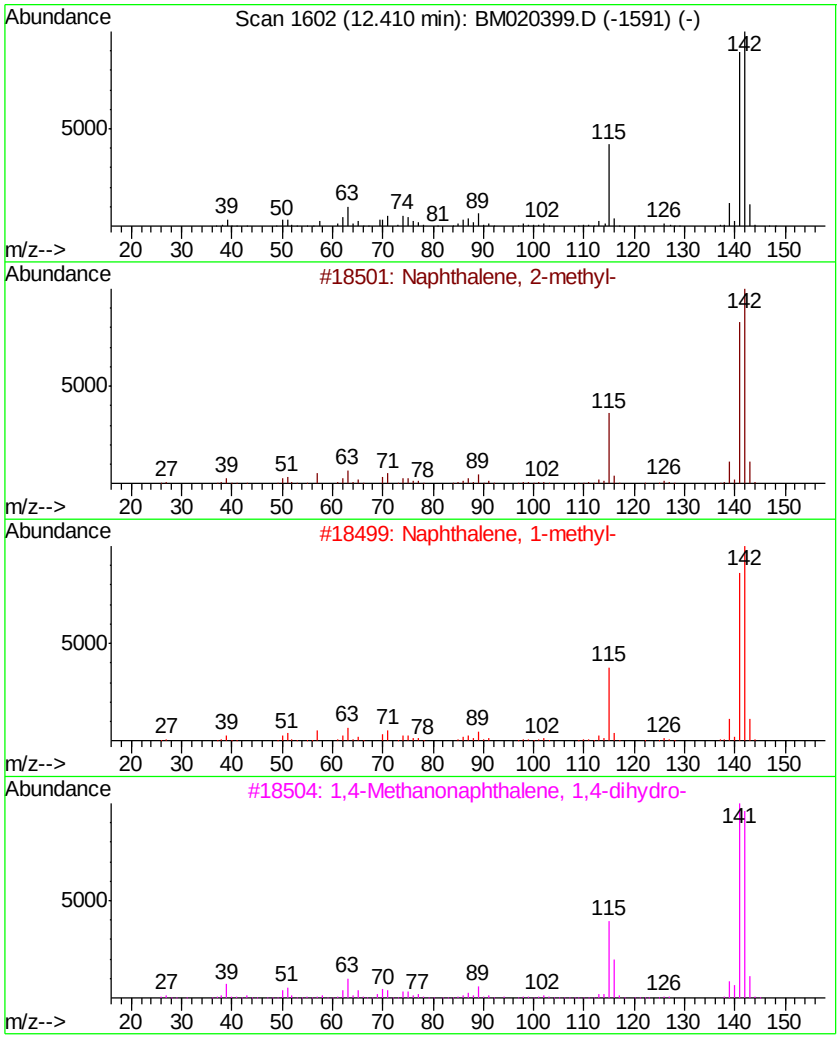
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

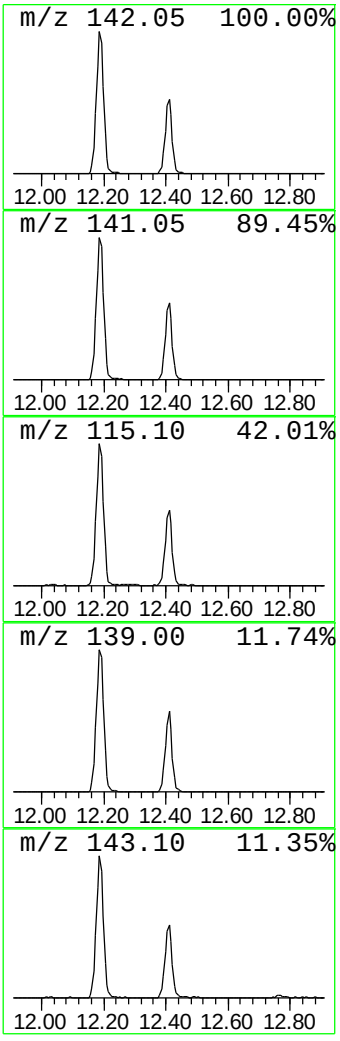
****

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	40.86 ng/ul	1166310	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





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Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

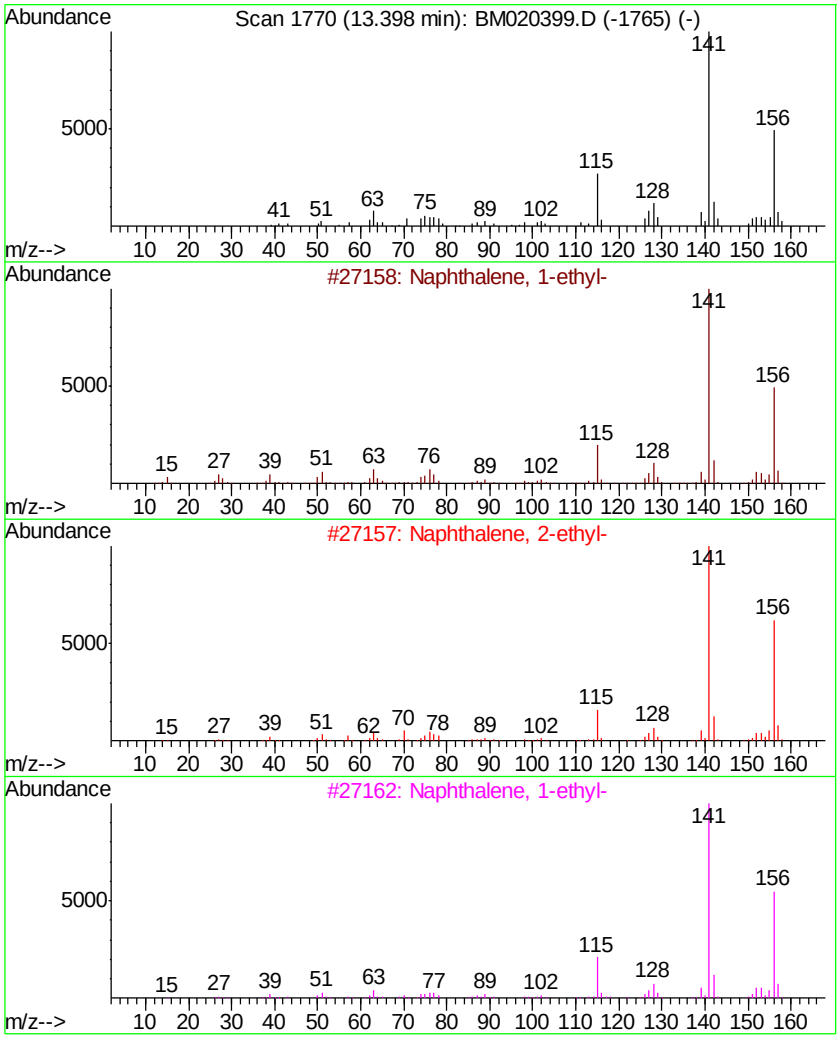
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

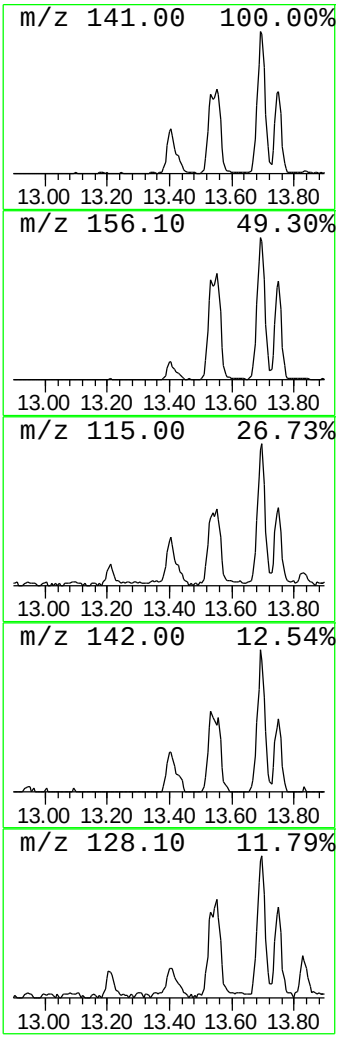
****

Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	4.01 ng/ul	201195	Acenaphthene-d10	14.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90





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Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

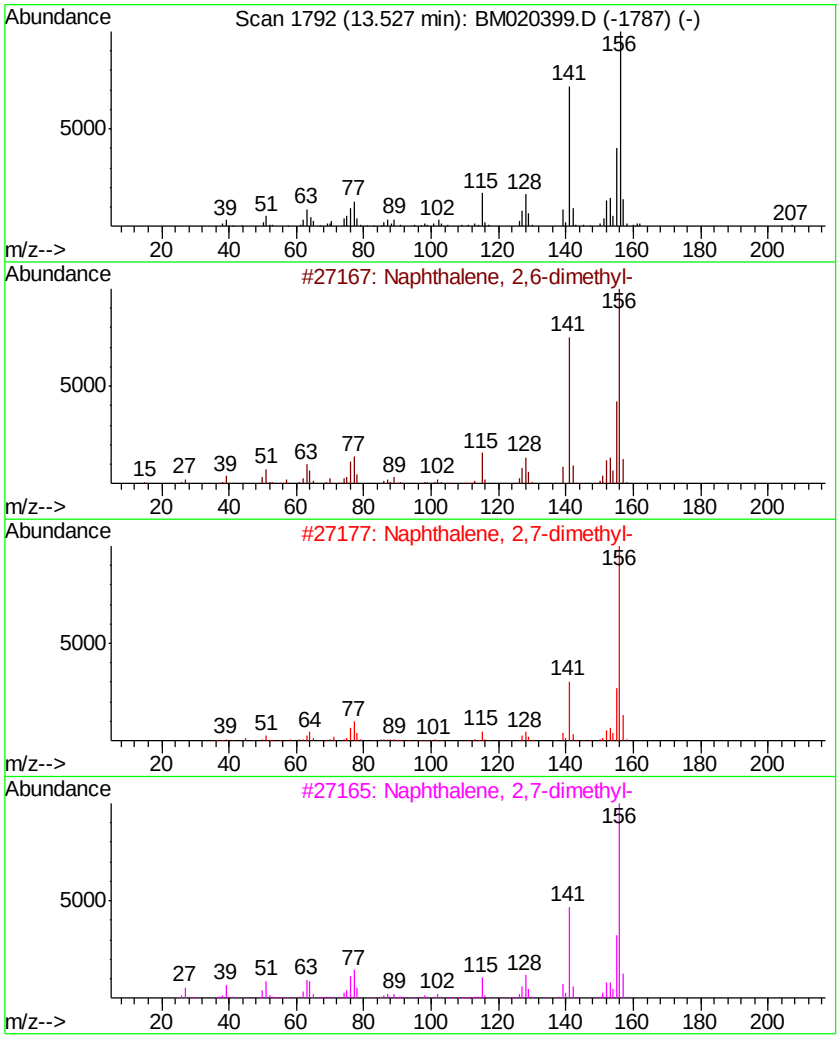
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

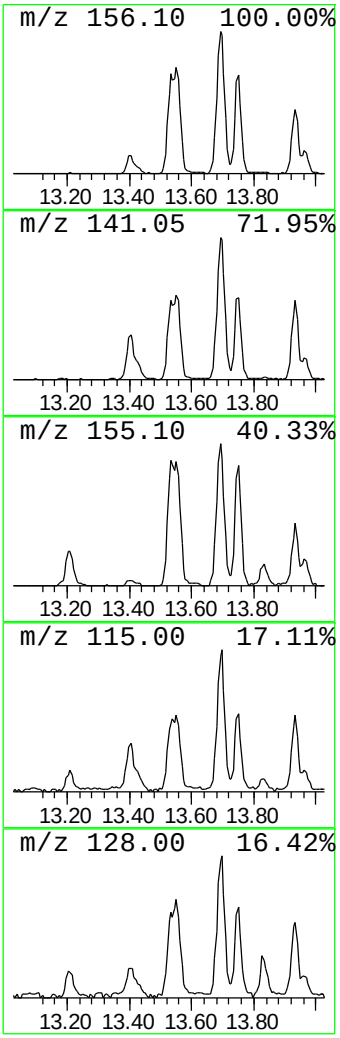
****

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	6.80 ng/ul	341506	Acenaphthene-d10	14.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





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Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

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Quant Title : SVOA CALIBRATION

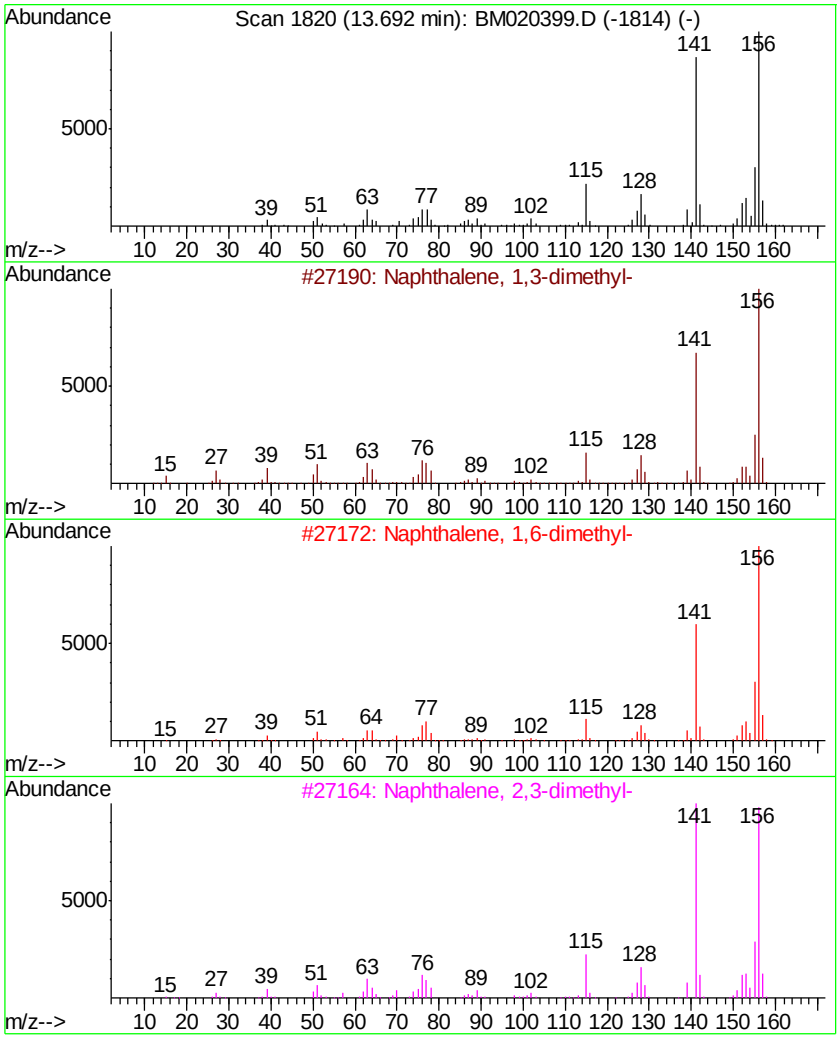
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

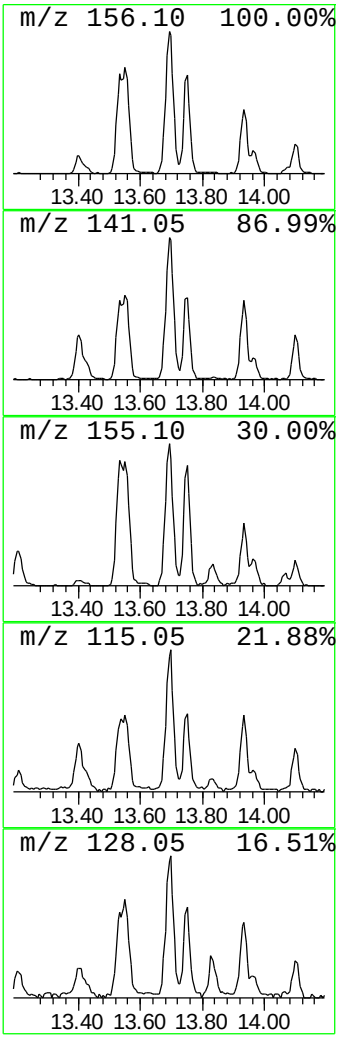
****

Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	14.32 ng/ul	719013	Acenaphthene-d10	14.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Library Search Compound Report

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Data File : BM020399.D
Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

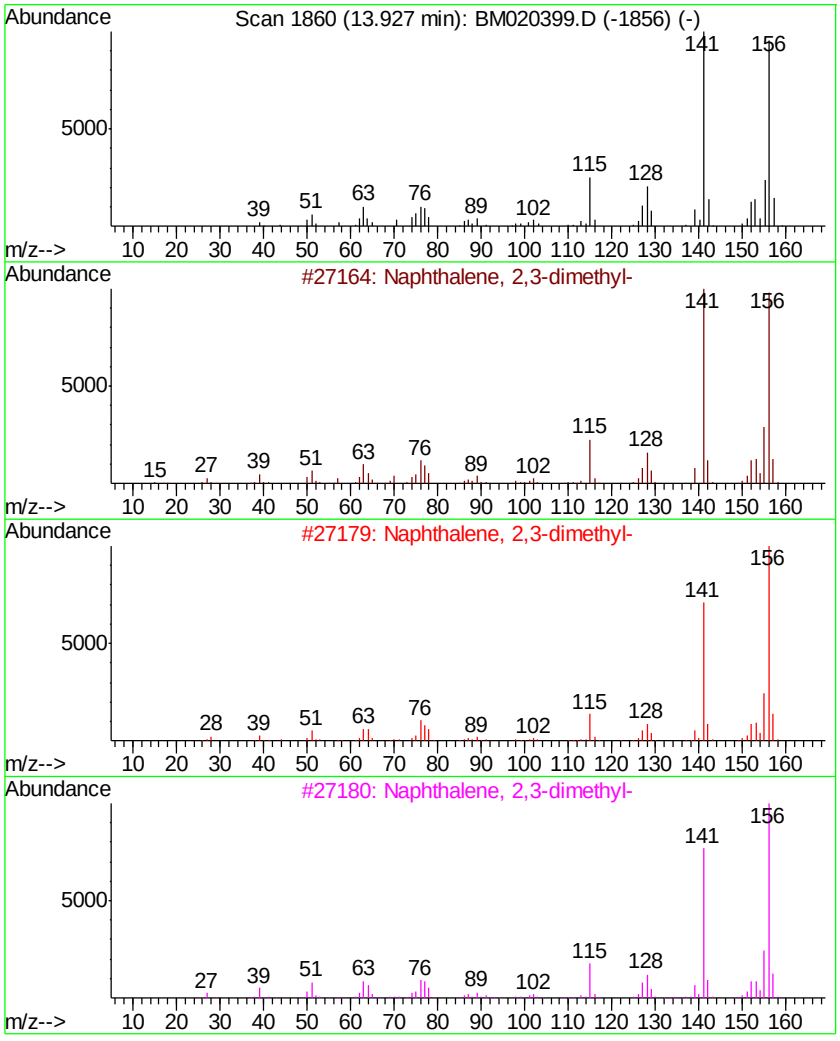
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

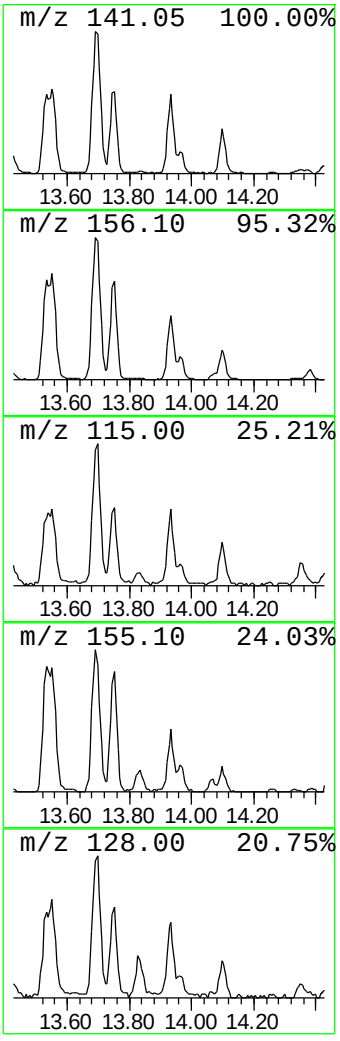
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	5.66 ng/ul	284356	Acenaphthene-d10	14.38

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





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Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

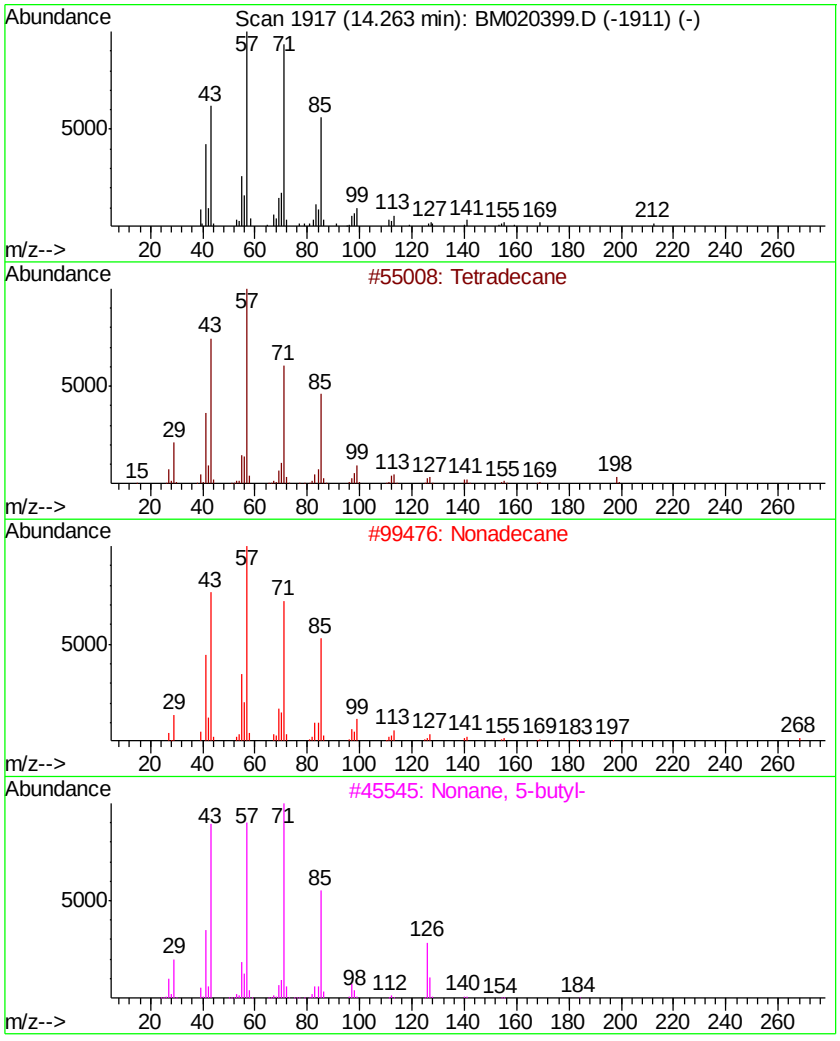
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

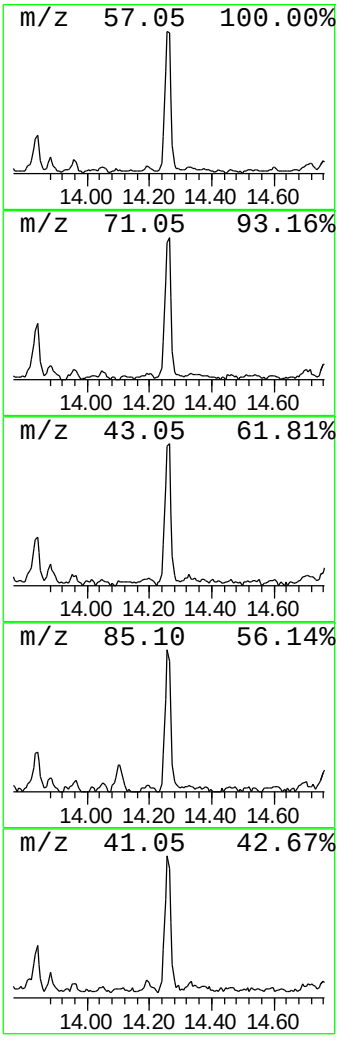
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	4.20 ng/ul	210734	Acenaphthene-d10	14.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Nonadecane	268	C19H40	000629-92-5	62
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	59
4	Hexadecane	226	C16H34	000544-76-3	49
5	Tetradecane	198	C14H30	000629-59-4	47





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Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

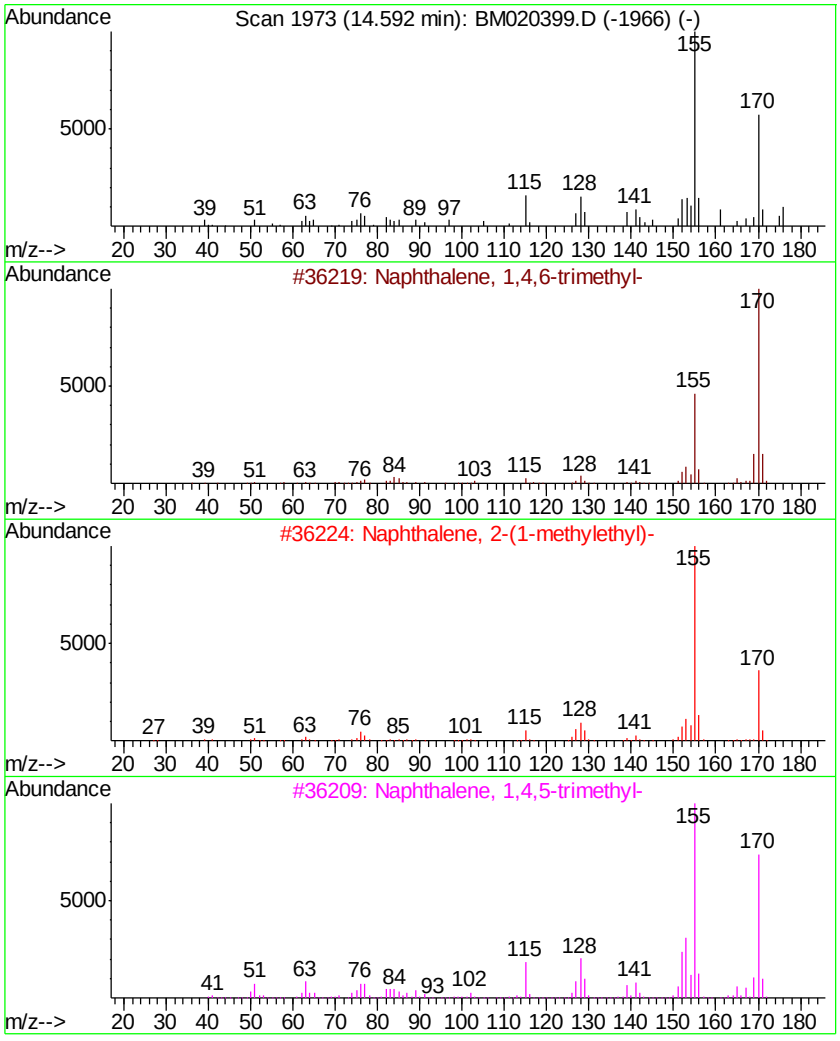
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

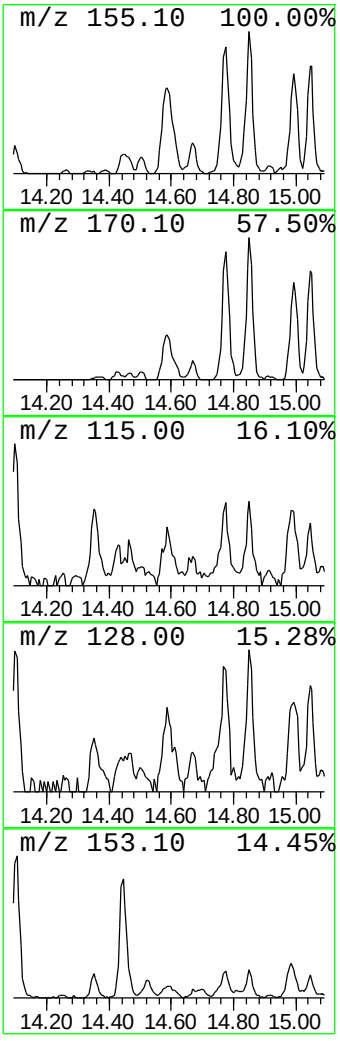
****

Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.67 ng/ul	134030	Acenaphthene-d10	14.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
4	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	87
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87





Library Search Compound Report

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Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

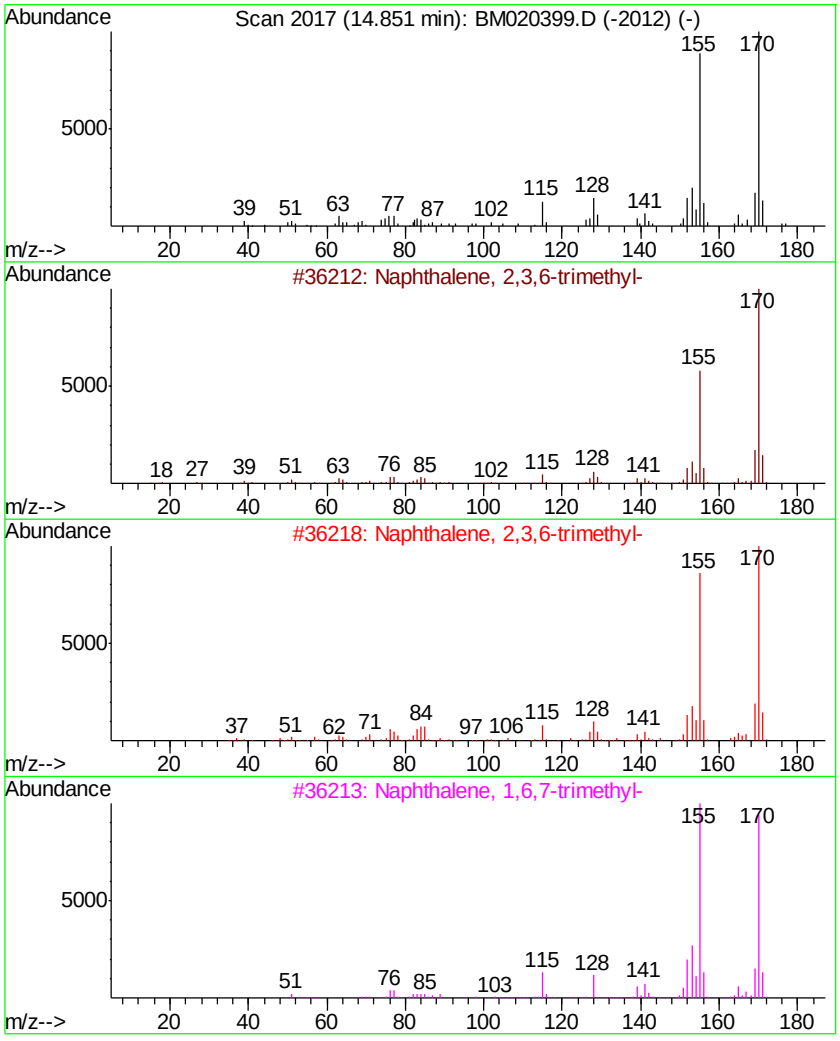
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

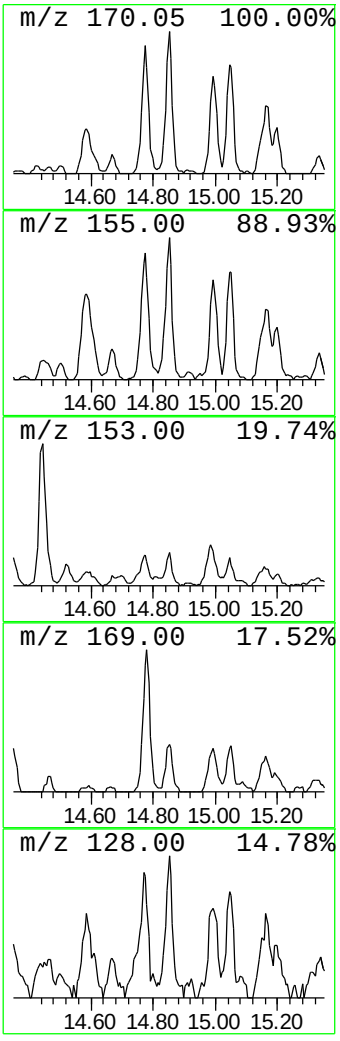
****

Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	2.93 ng/ul	146974	Acenaphthene-d10	14.38

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





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

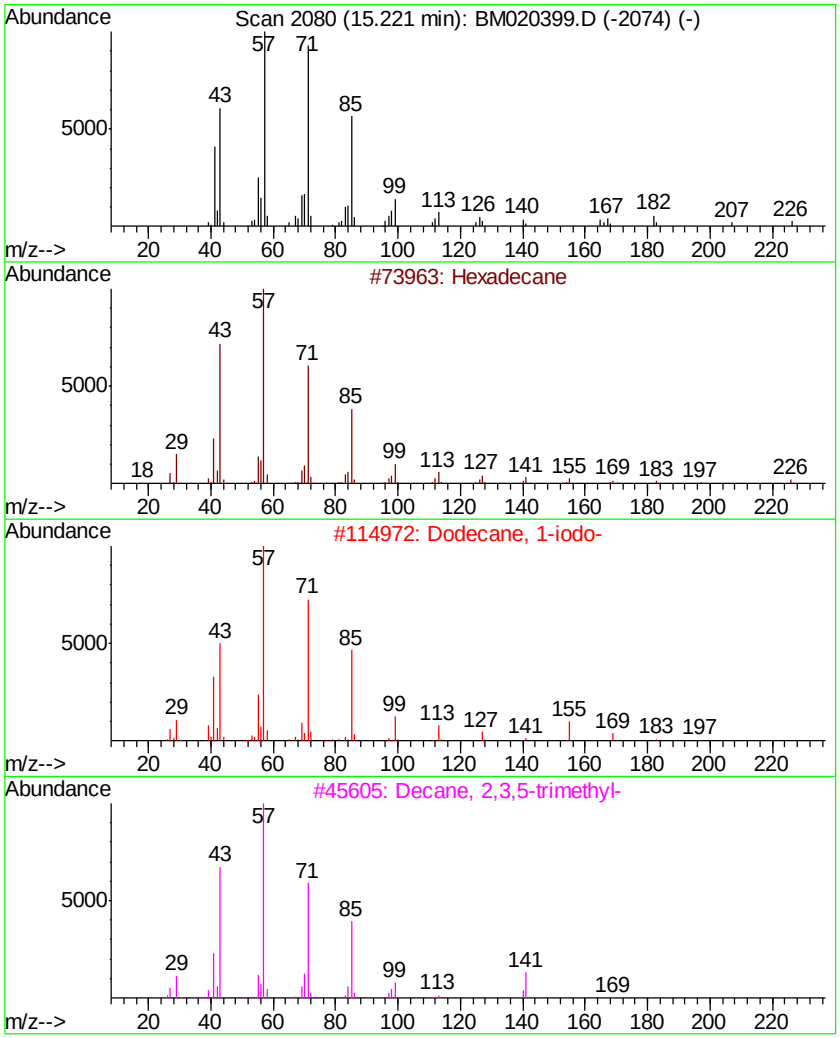
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

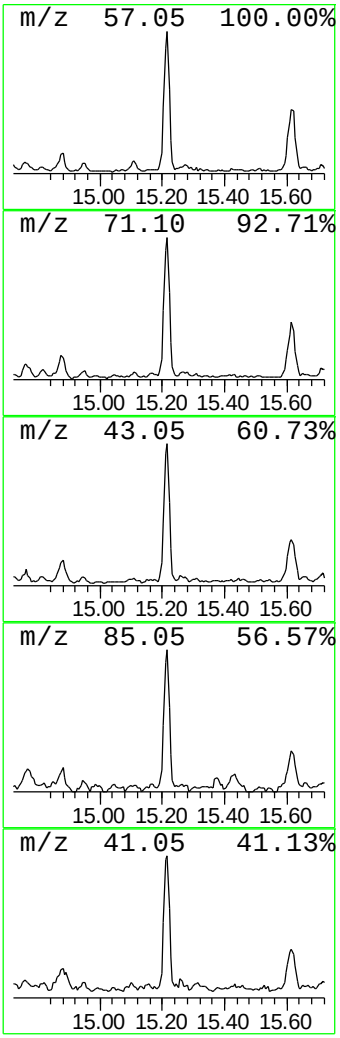
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	3.62 ng/ul	181697	Acenaphthene-d10	14.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4	Hexadecane	226	C16H34	000544-76-3	76
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64





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Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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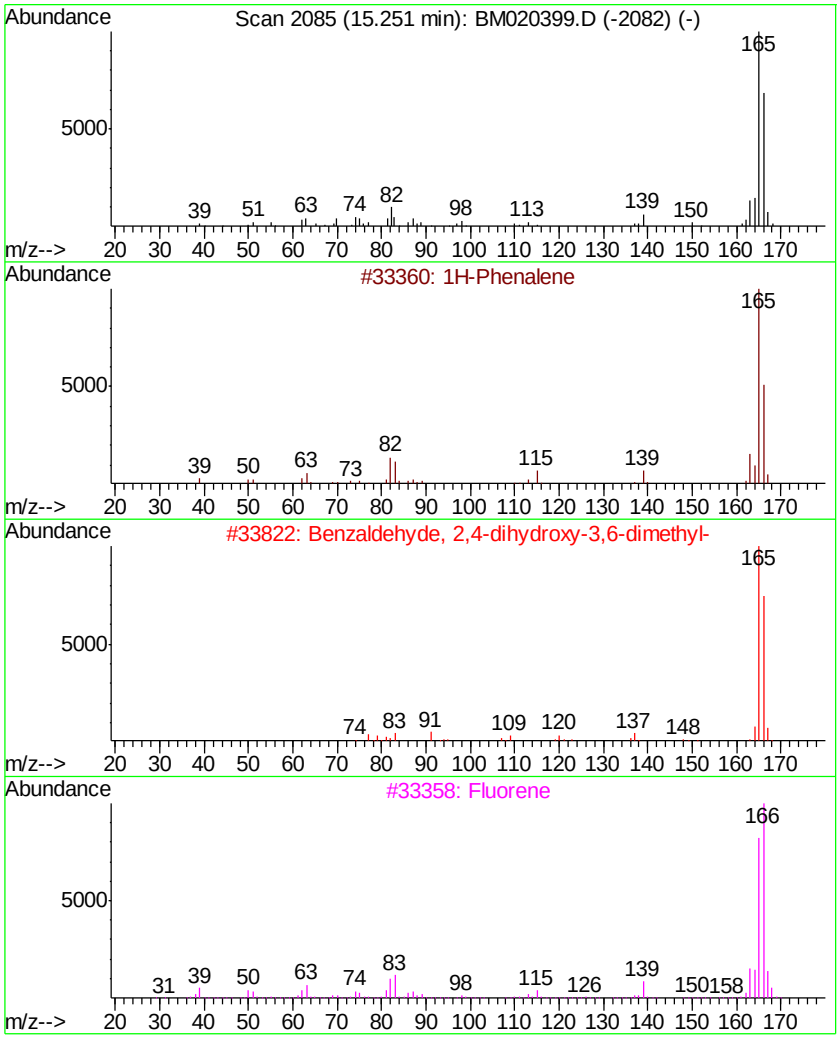
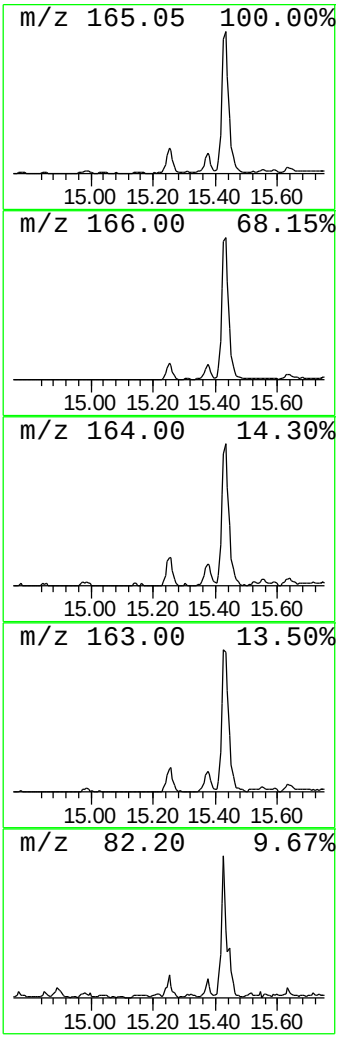
Peak Number 20 1H-Phenalene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	2.62 ng/ul	131442	Acenaphthene-d10	14.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	72
2	Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	64
3	Fluorene	166	C13H10	000086-73-7	62
4	Fluorene	166	C13H10	000086-73-7	50
5	Benzaldehyde, 2-hydroxy-4-methox...	166	C9H10O3	034883-08-4	42





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Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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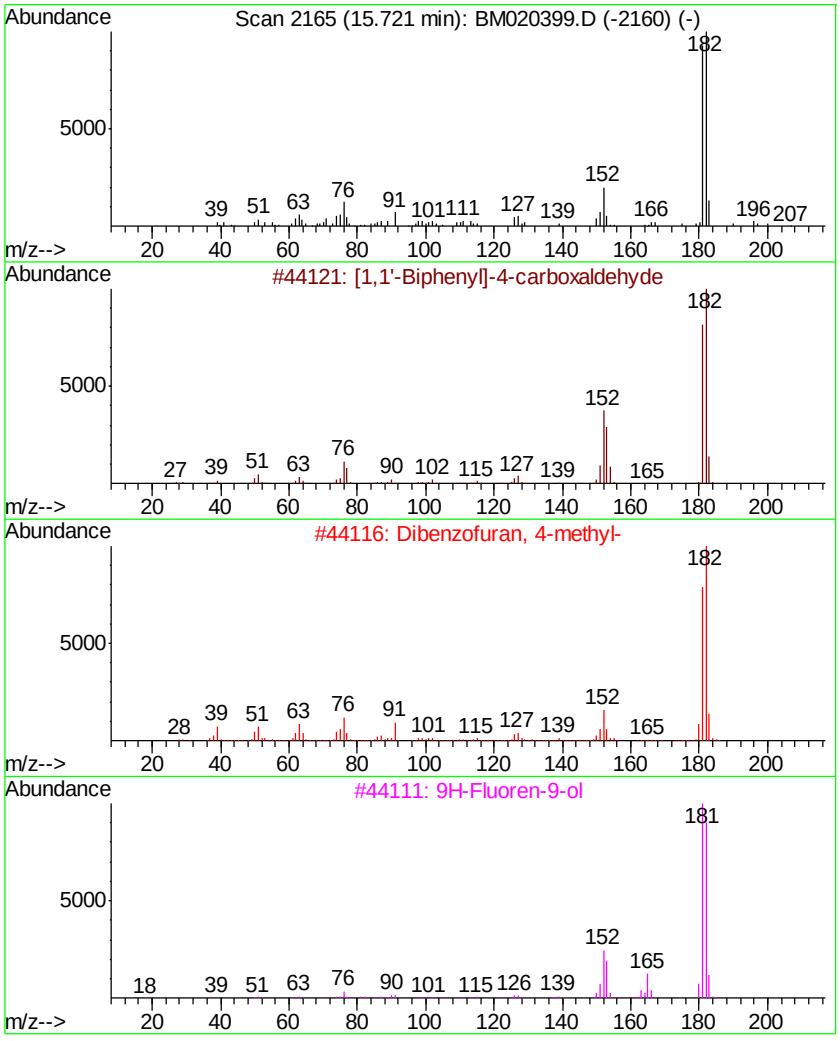
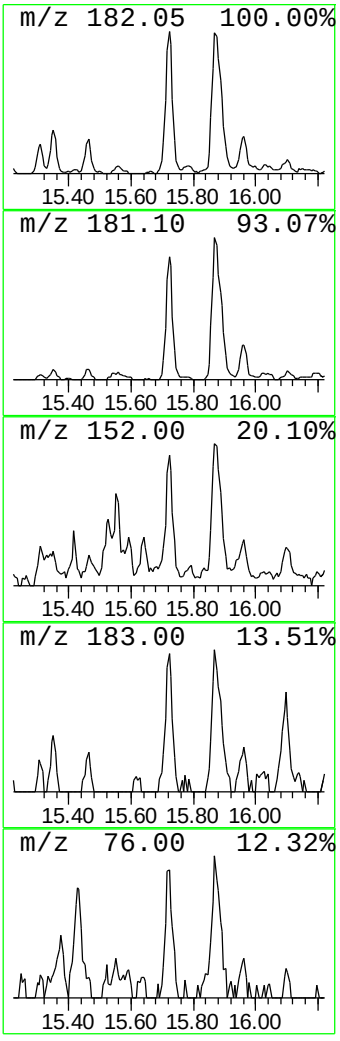
Peak Number 22 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	3.30 ng/ul	165736	Acenaphthene-d10	14.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





Library Search Compound Report

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Data File : BM020399.D
Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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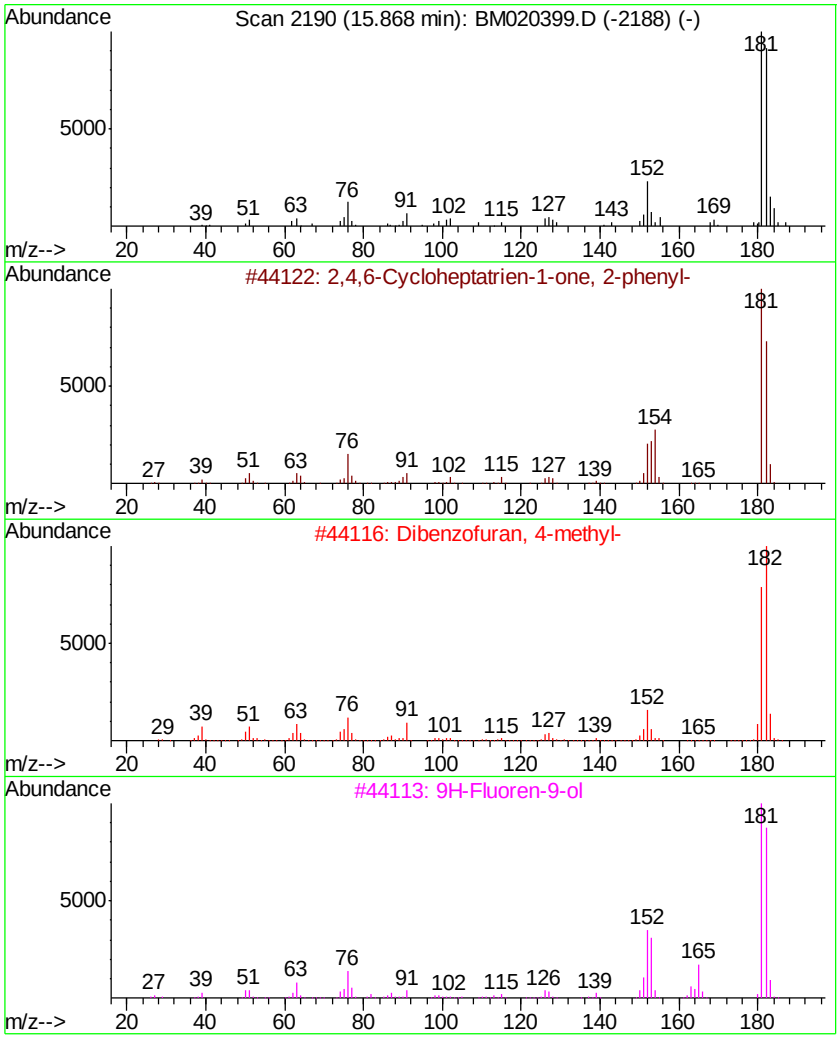
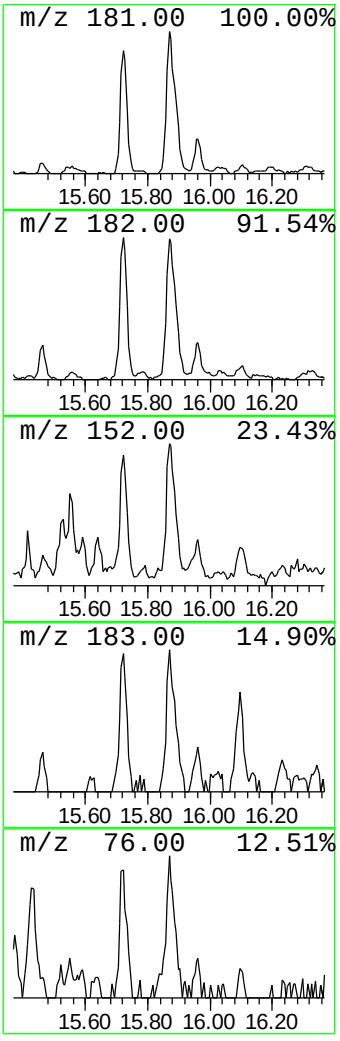
Peak Number 24 2,4,6-Cycloheptatrien-1-one... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	3.69 ng/ul	186329	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	83
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72





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Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

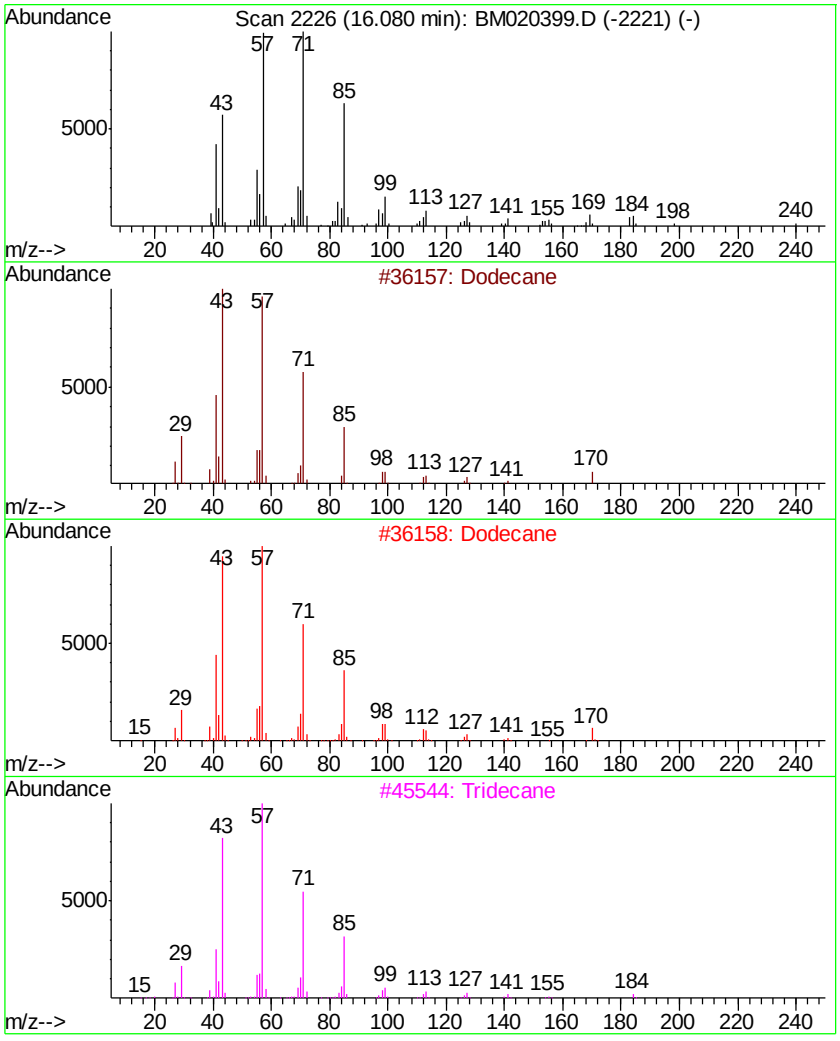
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

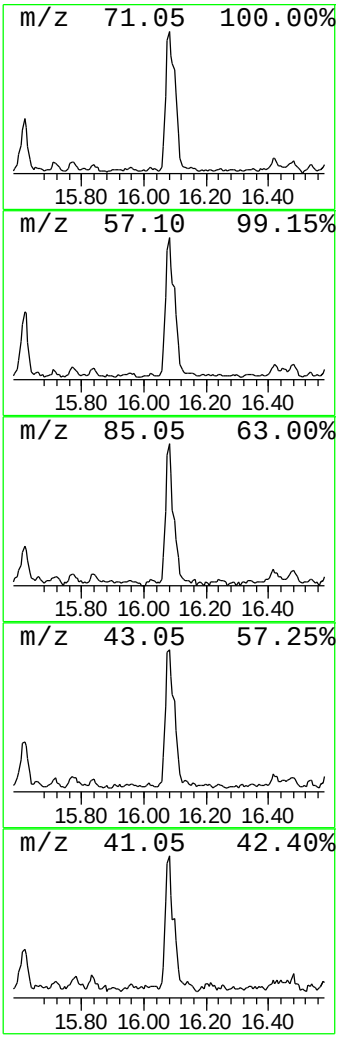
****

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	4.80 ng/ul	242486	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Dodecane	170	C12H26	000112-40-3	83
3	Tridecane	184	C13H28	000629-50-5	81
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Tridecane	184	C13H28	000629-50-5	74





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Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

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Quant Title : SVOA CALIBRATION

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

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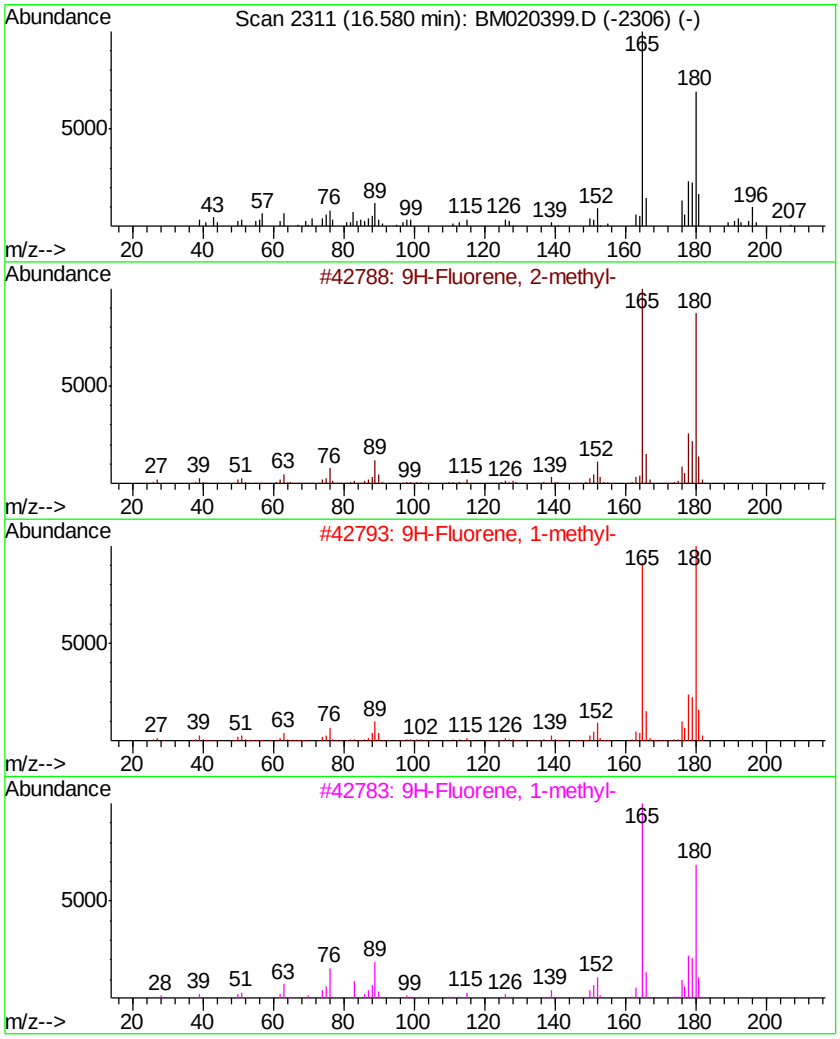
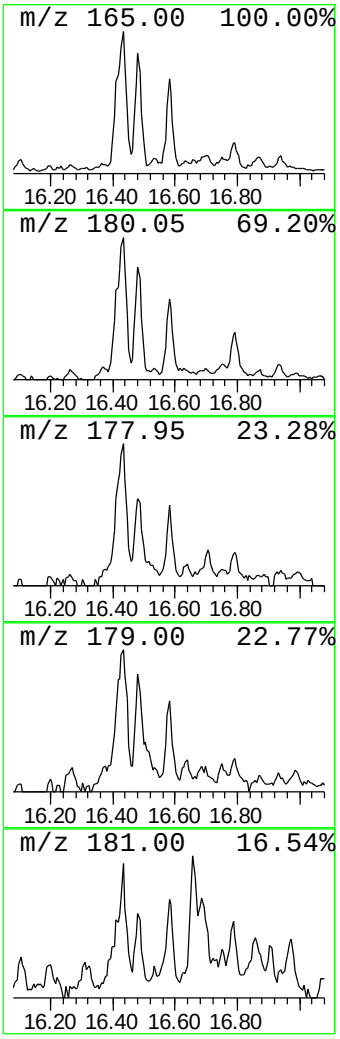
Peak Number 28 9H-Fluorene, 2-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	2.58 ng/ul	130240	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	81
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76





Library Search Compound Report

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Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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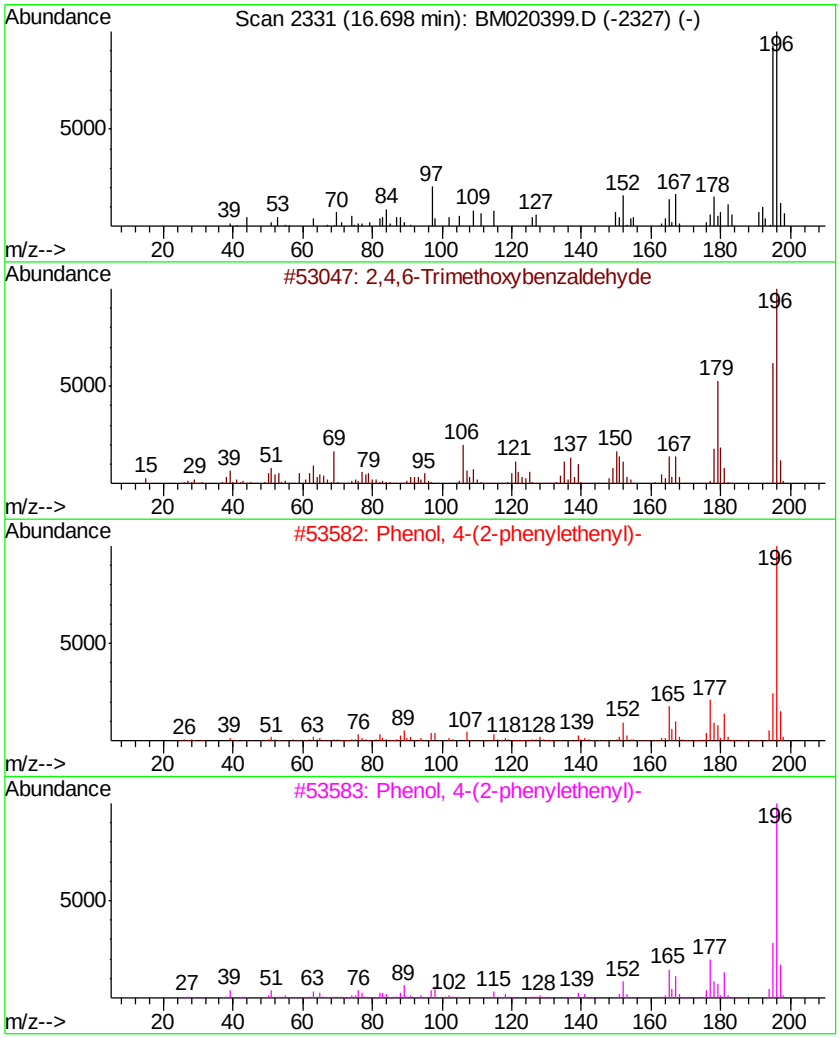
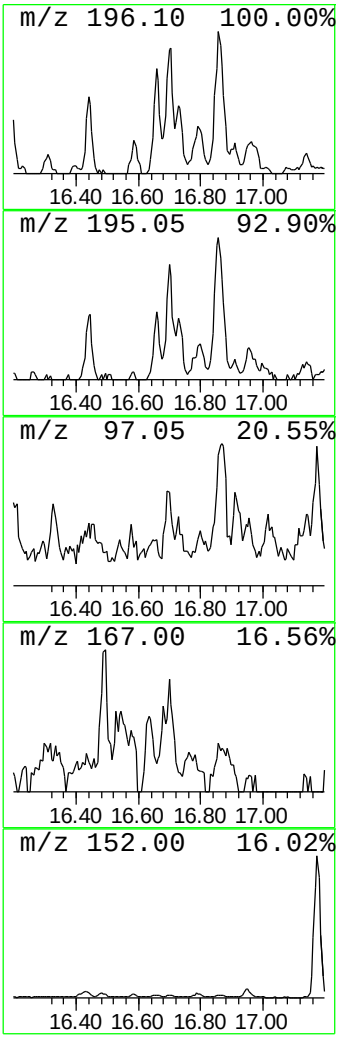
Peak Number 29 2,4,6-Trimethoxybenzaldehyde Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	2.01 ng/ul	101796	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	64
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	49
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	43
4	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	43
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	37





Library Search Compound Report

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Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

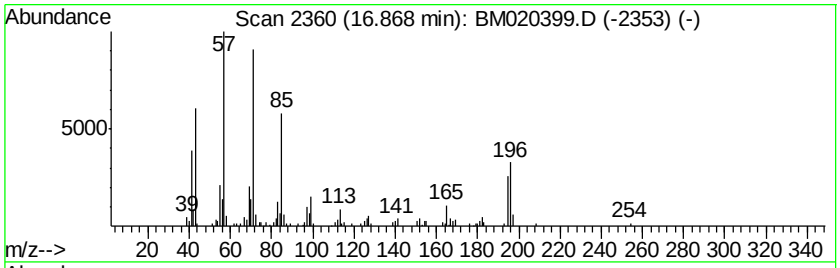
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

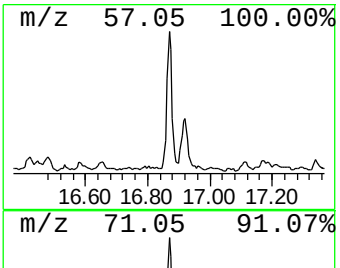
****

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	4.48 ng/ul	226491	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	76
2	Hexadecane	226	C16H34	000544-76-3	64
3	Tetracosane	338	C24H50	000646-31-1	64
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	62
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	55





Library Search Compound Report

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Data File : BM020399.D
Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

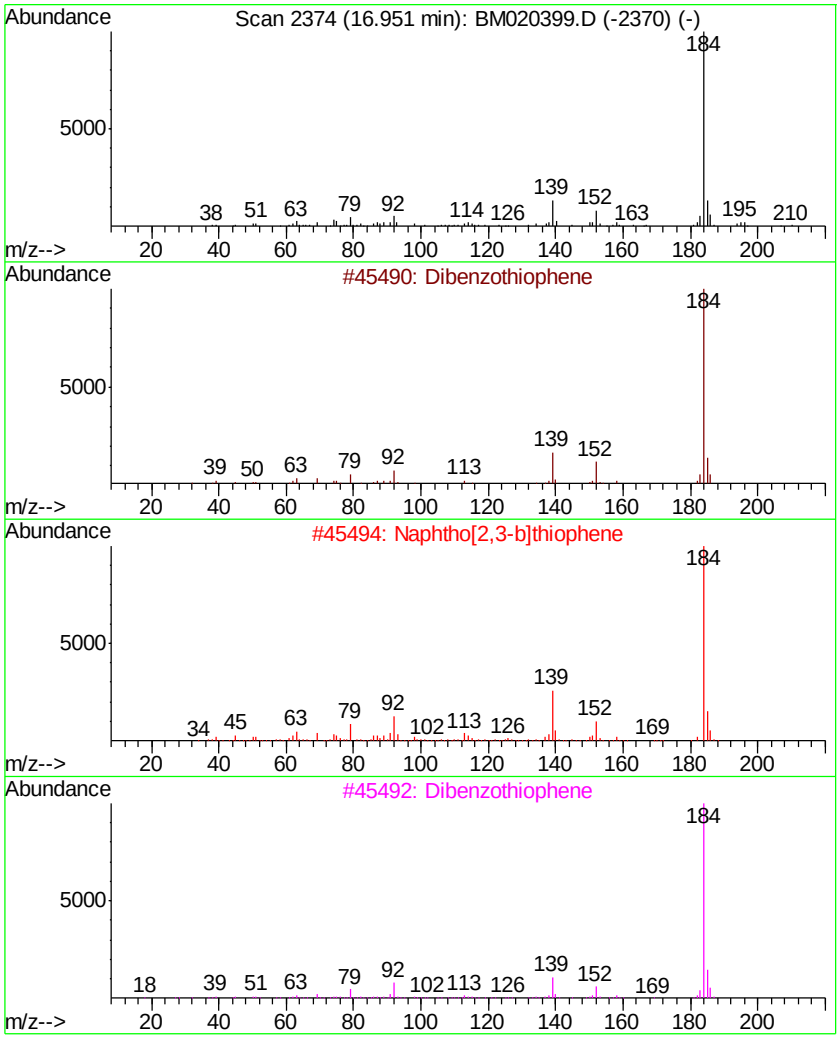
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

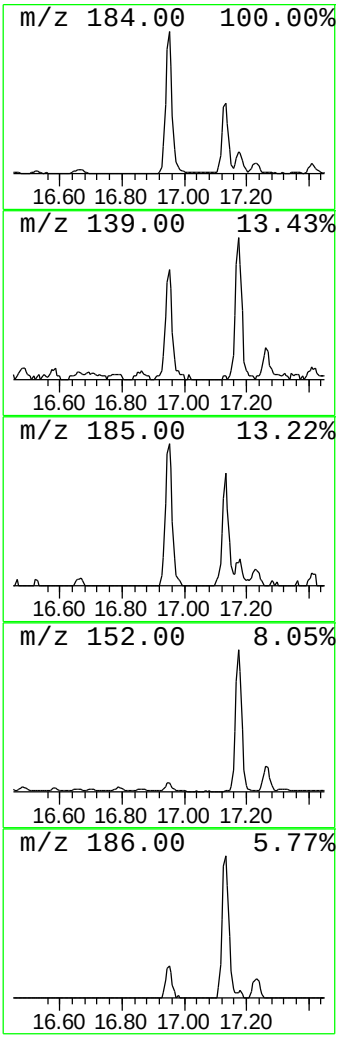
****

Peak Number 31 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	5.33 ng/ul	269337	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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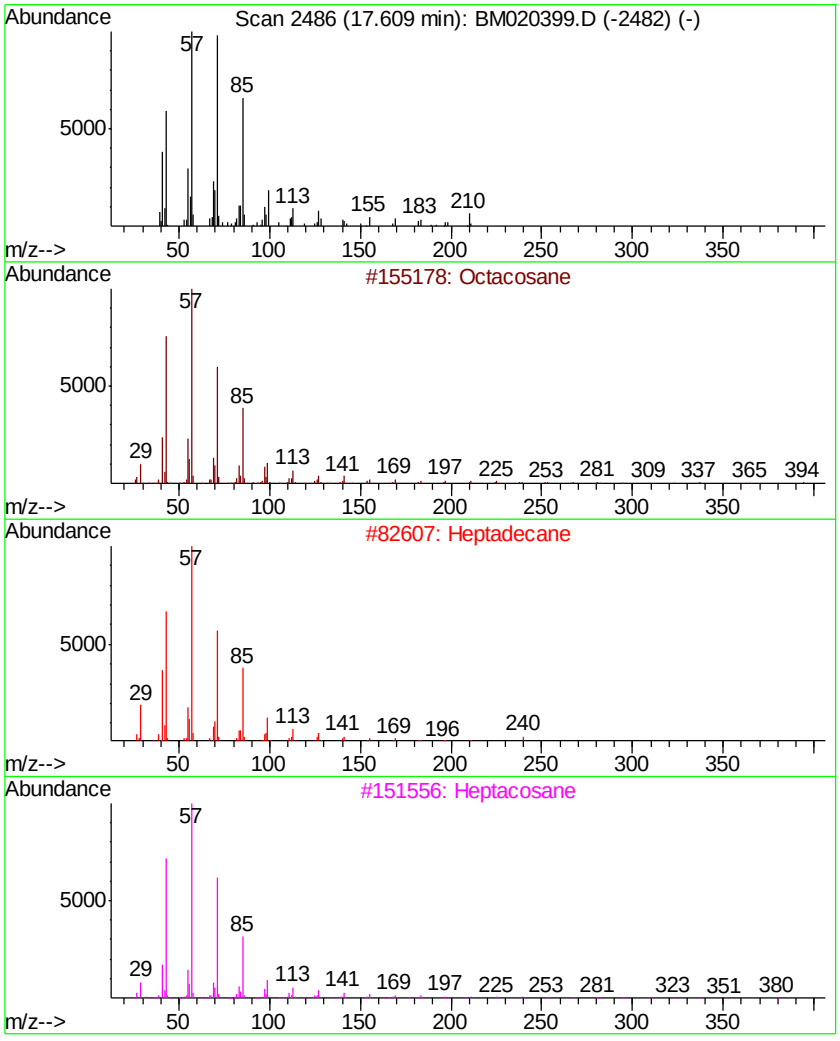
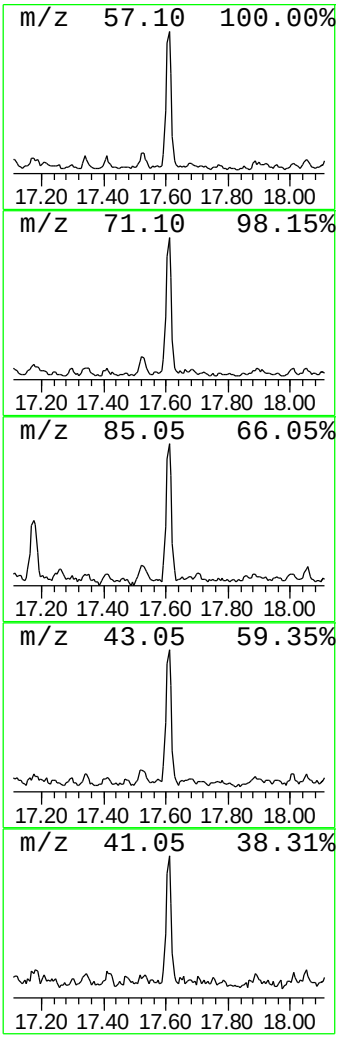
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	3.09 ng/ul	156141	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	83
2	Heptadecane	240	C17H36	000629-78-7	80
3	Heptacosane	380	C27H56	000593-49-7	80
4	Hexadecane	226	C16H34	000544-76-3	72
5	Octadecane	254	C18H38	000593-45-3	64





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Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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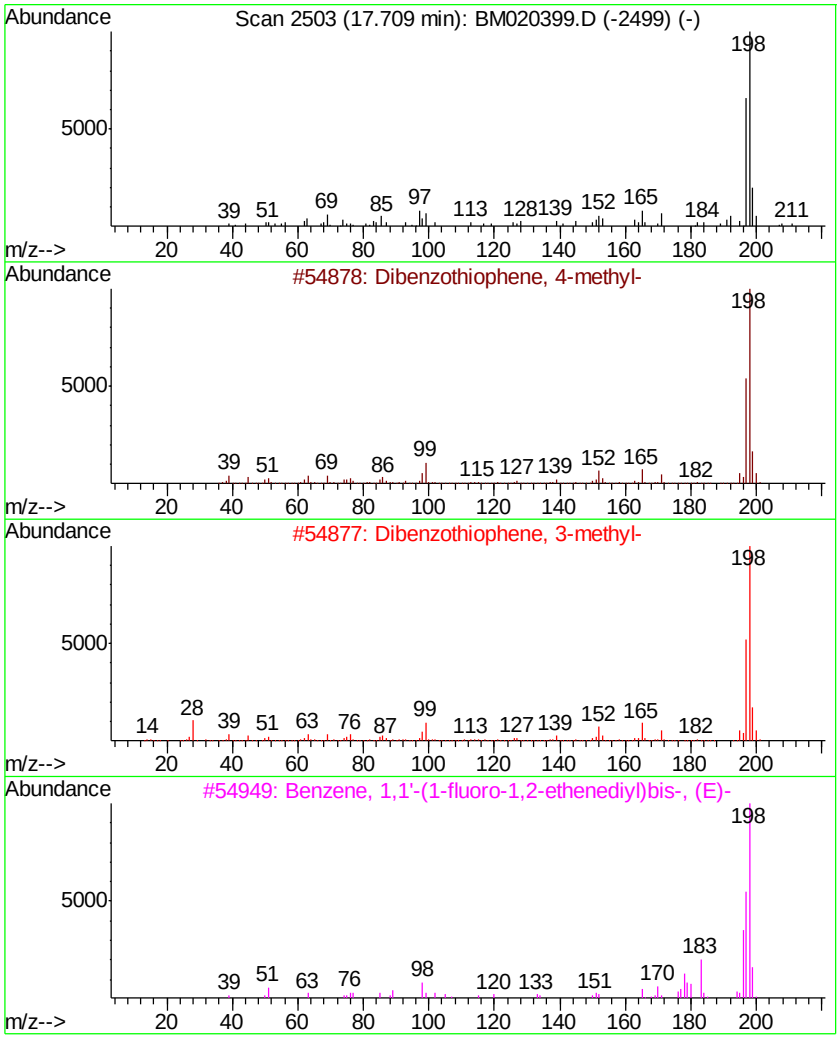
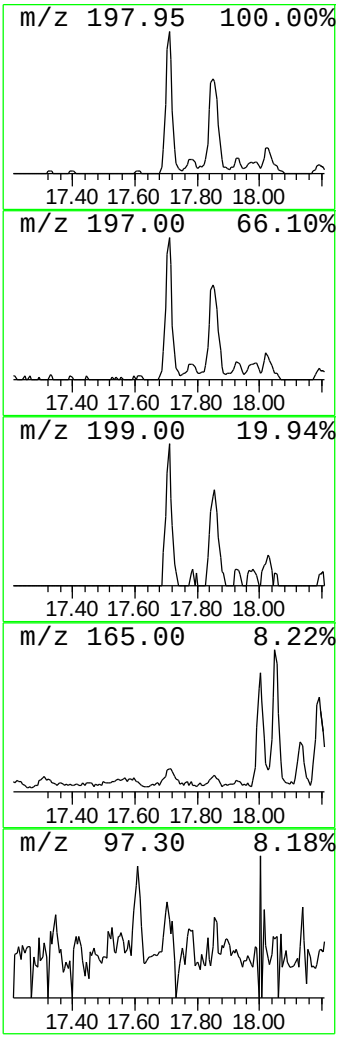
Peak Number 33 Dibenzothiophene, 4-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	2.42 ng/ul	122289	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	90
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
3	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	72
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64
5	Benzeneacetonitrile, 4-(1,2,3,6-...	198	C13H14N2	1000115-51-2	64





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Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

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Quant Title : SVOA CALIBRATION

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

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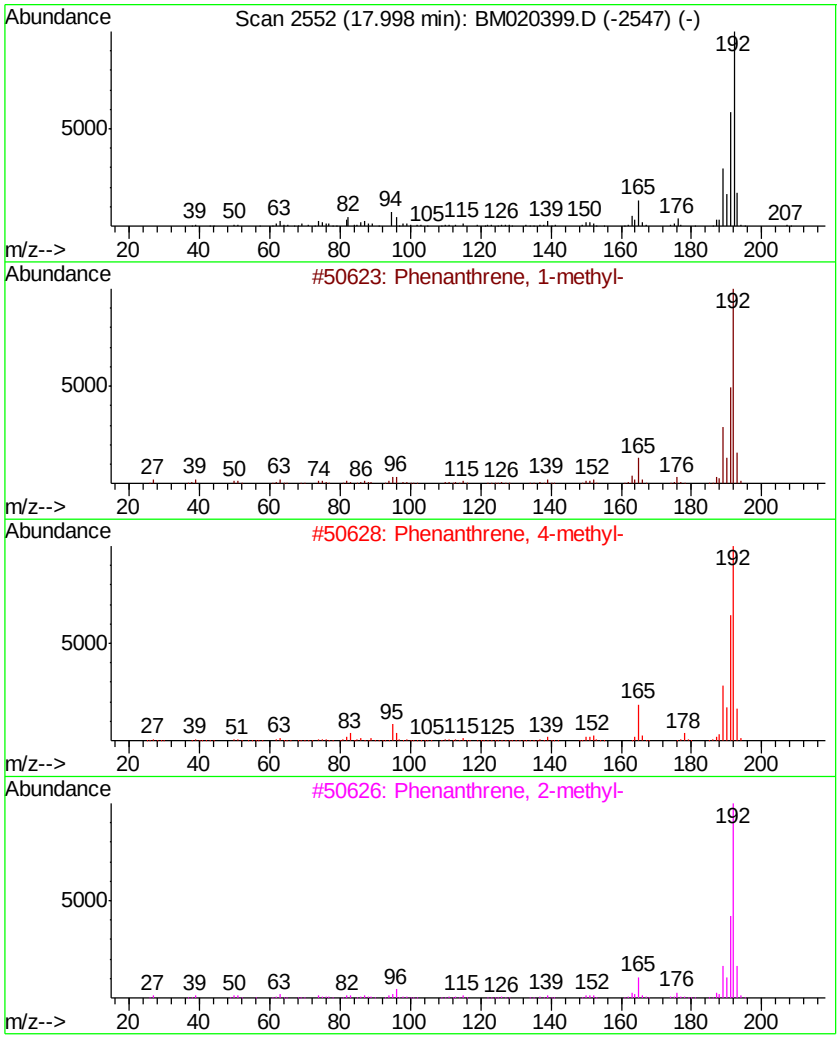
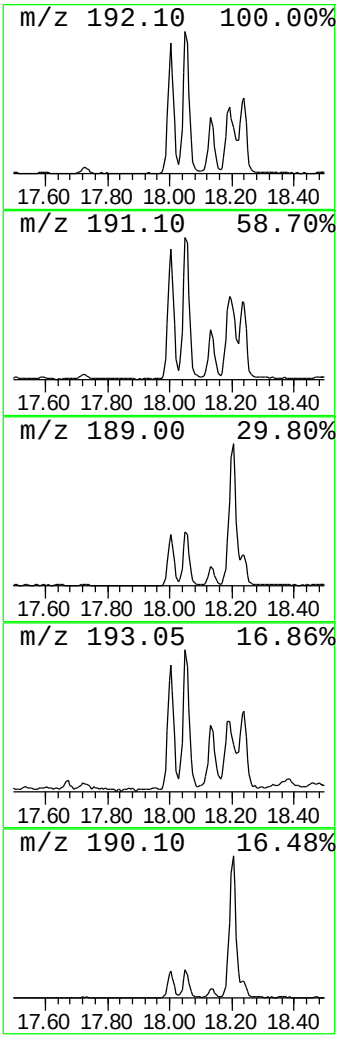
Peak Number 34 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	11.24 ng/ul	568286	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Library Search Compound Report

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Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

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Quant Title : SVOA CALIBRATION

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

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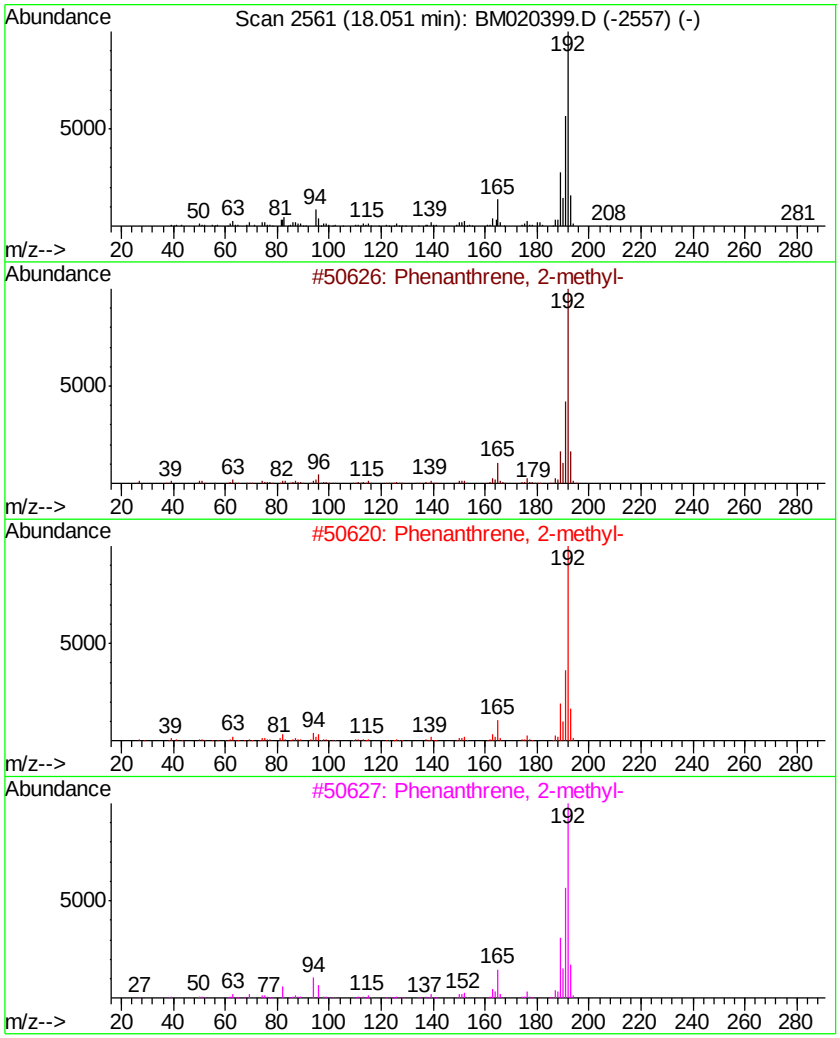
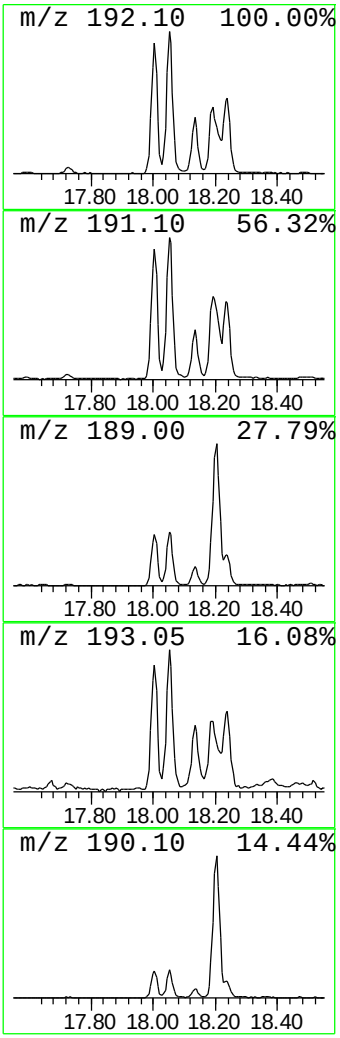
Peak Number 35 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	12.47 ng/ul	630230	Phenanthrene-d10	17.13

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





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Data File : BM020399.D
Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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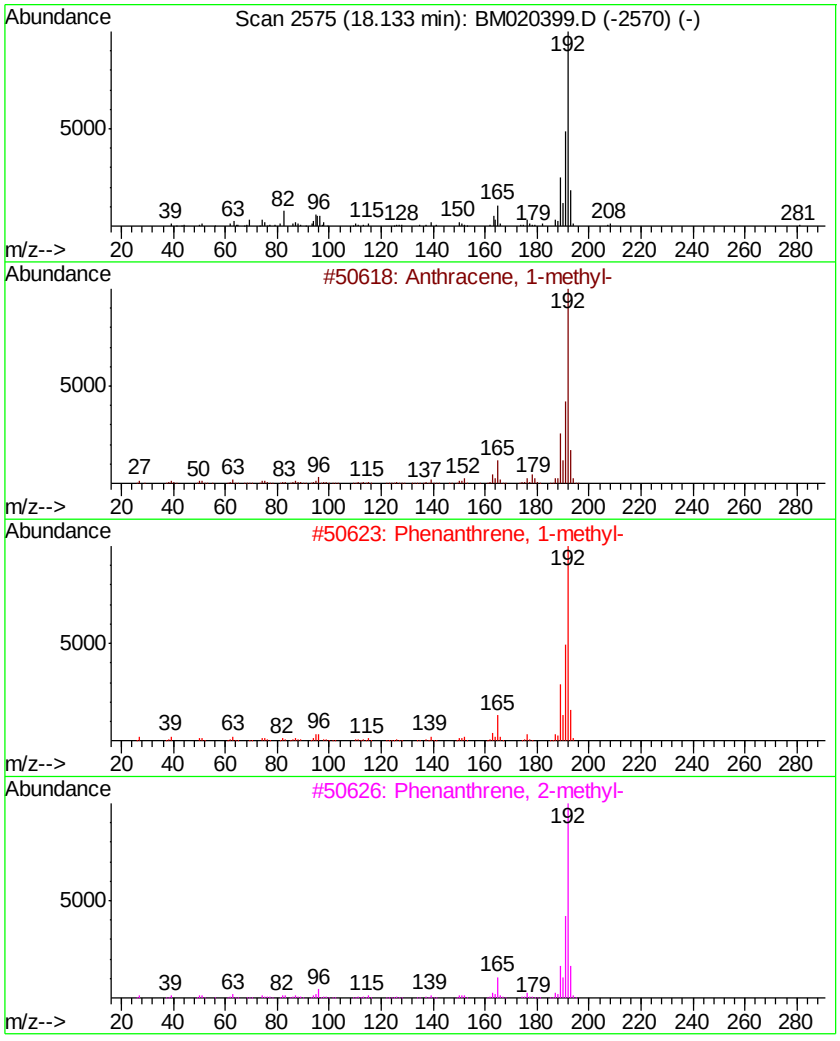
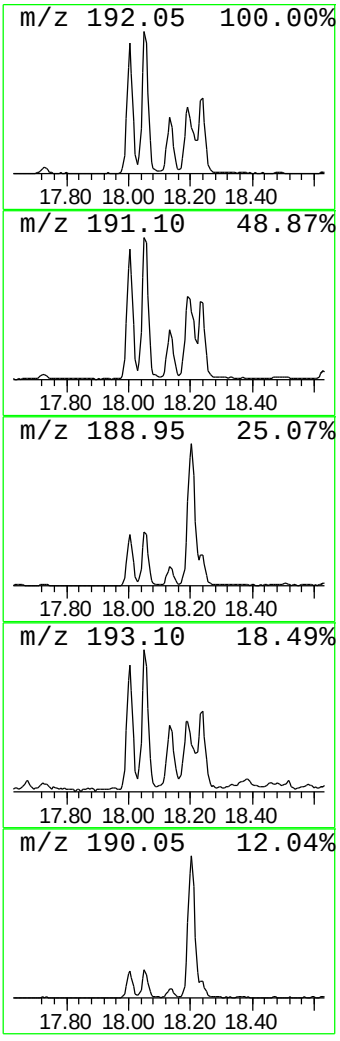
Peak Number 36 Anthracene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	4.64 ng/ul	234760	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020399.D
Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

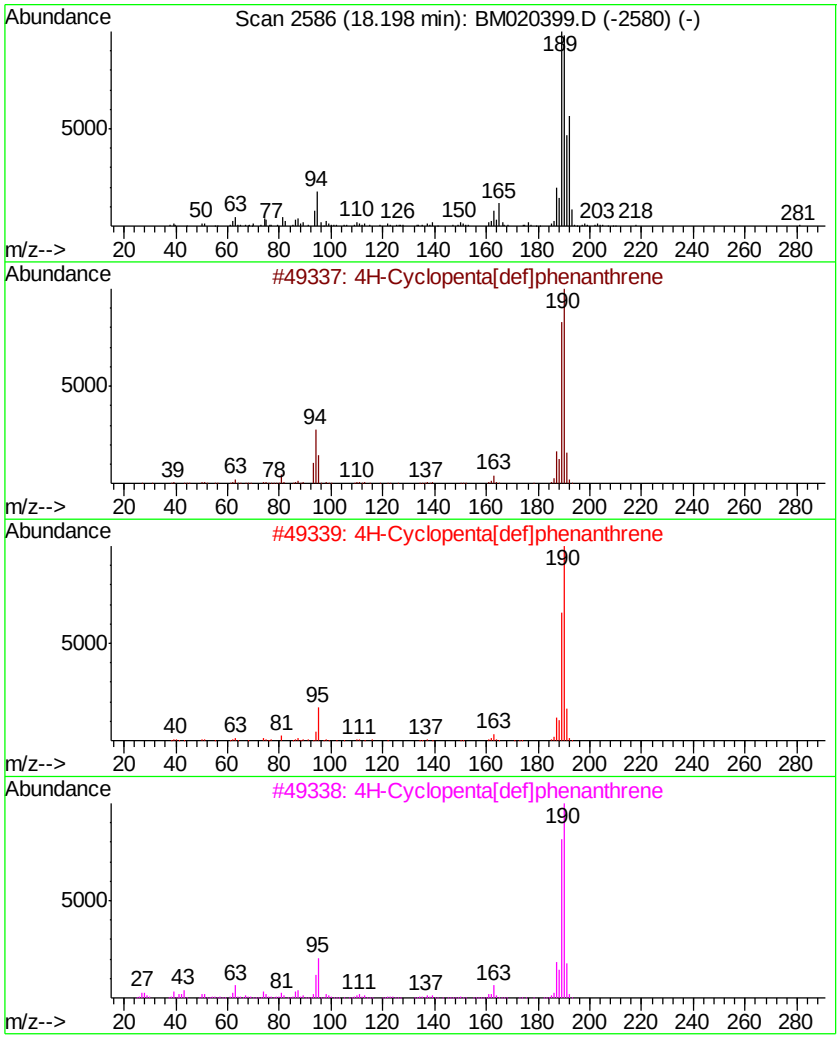
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

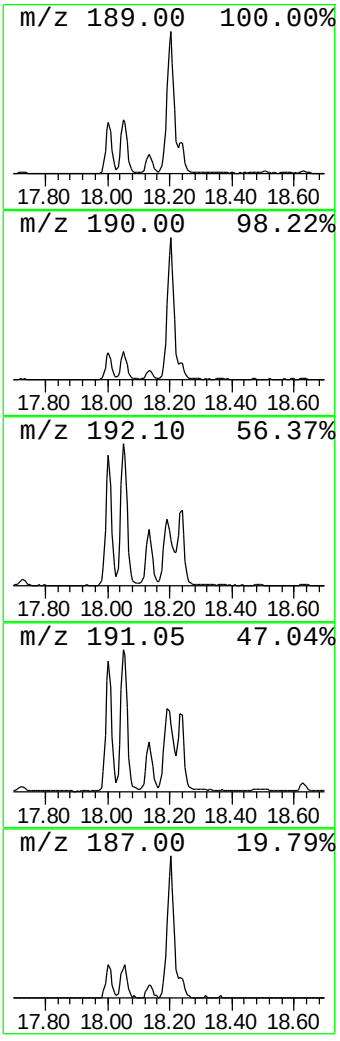
****

Peak Number 37 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	16.39 ng/ul	828174	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020399.D
Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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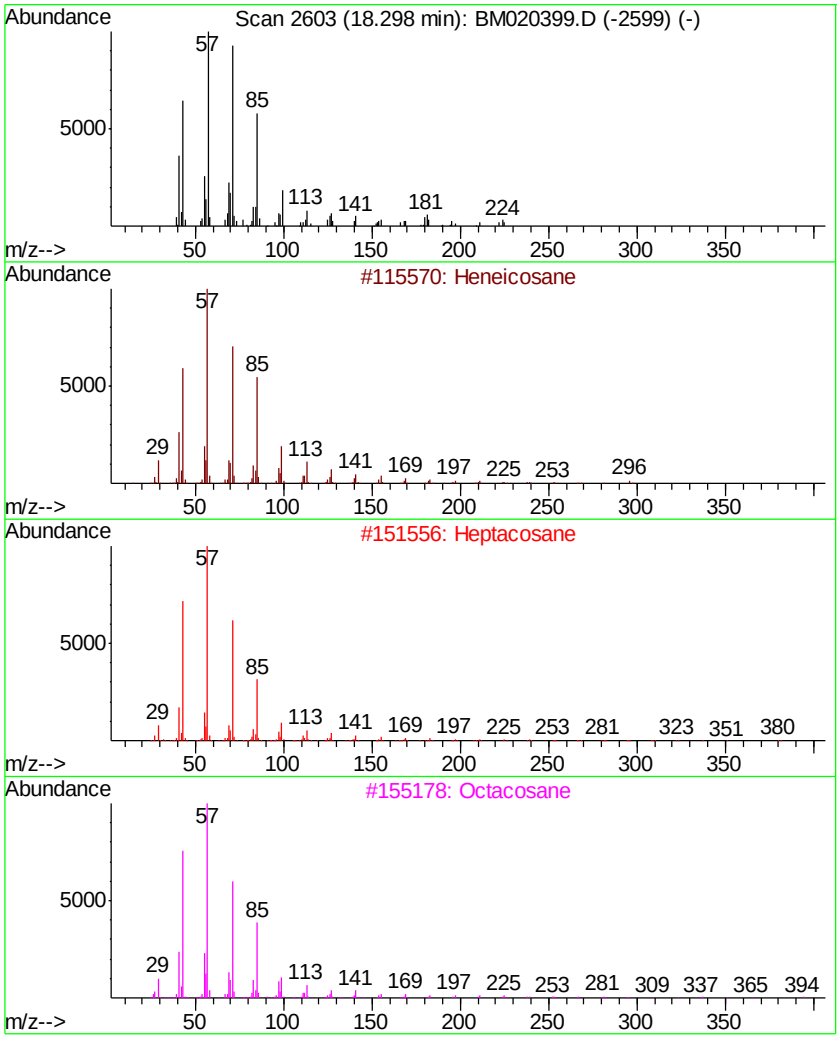
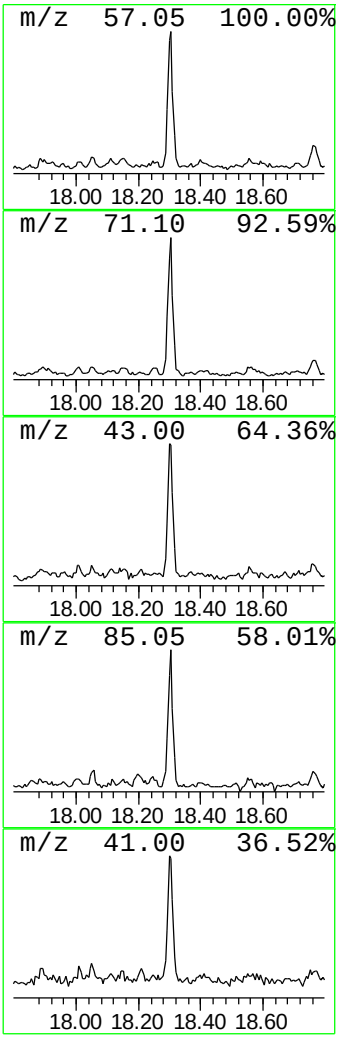
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.84 ng/ul	143699	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	74
2	Heptacosane	380	C27H56	000593-49-7	68
3	Octacosane	394	C28H58	000630-02-4	68
4	Docosane	310	C22H46	000629-97-0	64
5	Eicosane	282	C20H42	000112-95-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020399.D
Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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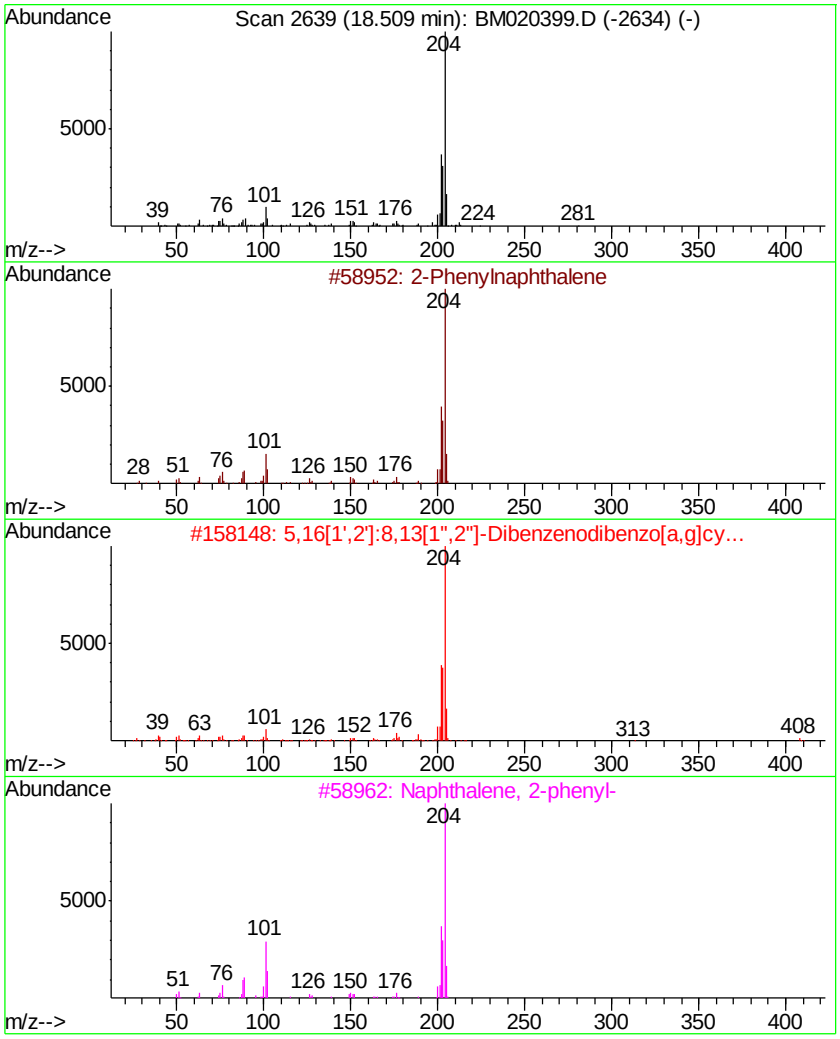
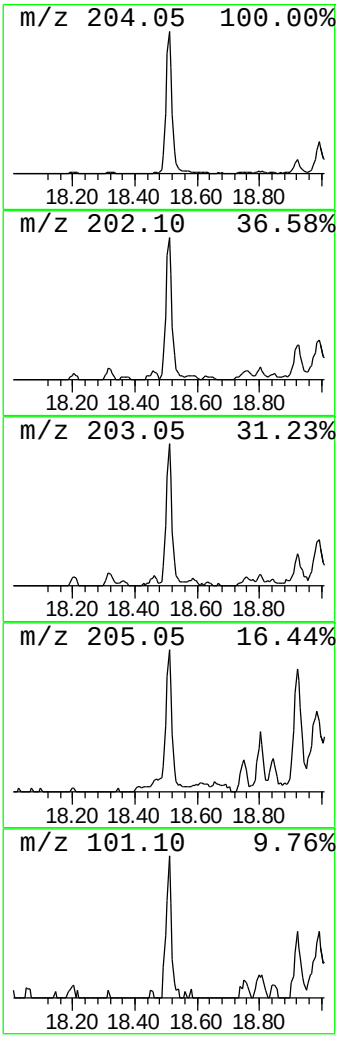
Peak Number 40 2-Phenylnaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	5.31 ng/ul	268551	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020399.D
Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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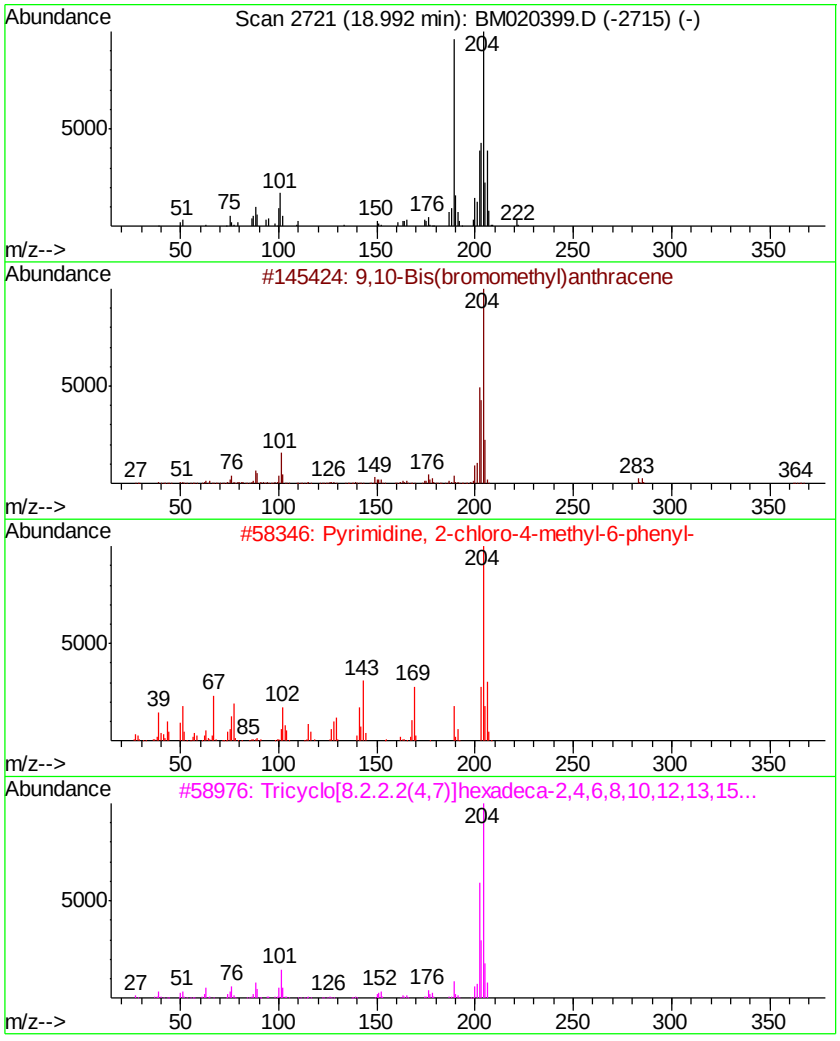
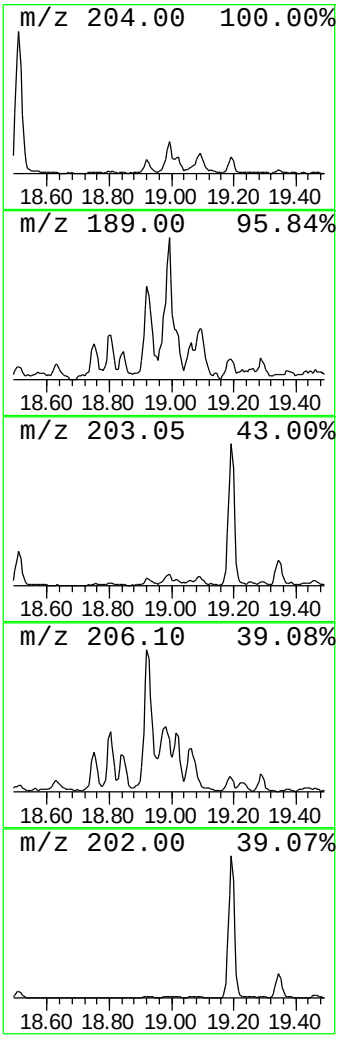
Peak Number 42 unknown-01 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	3.21 ng/ul	162190	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49
2	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	38
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35
5	2-Phenylnaphthalene	204	C16H12	035465-71-5	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020399.D
Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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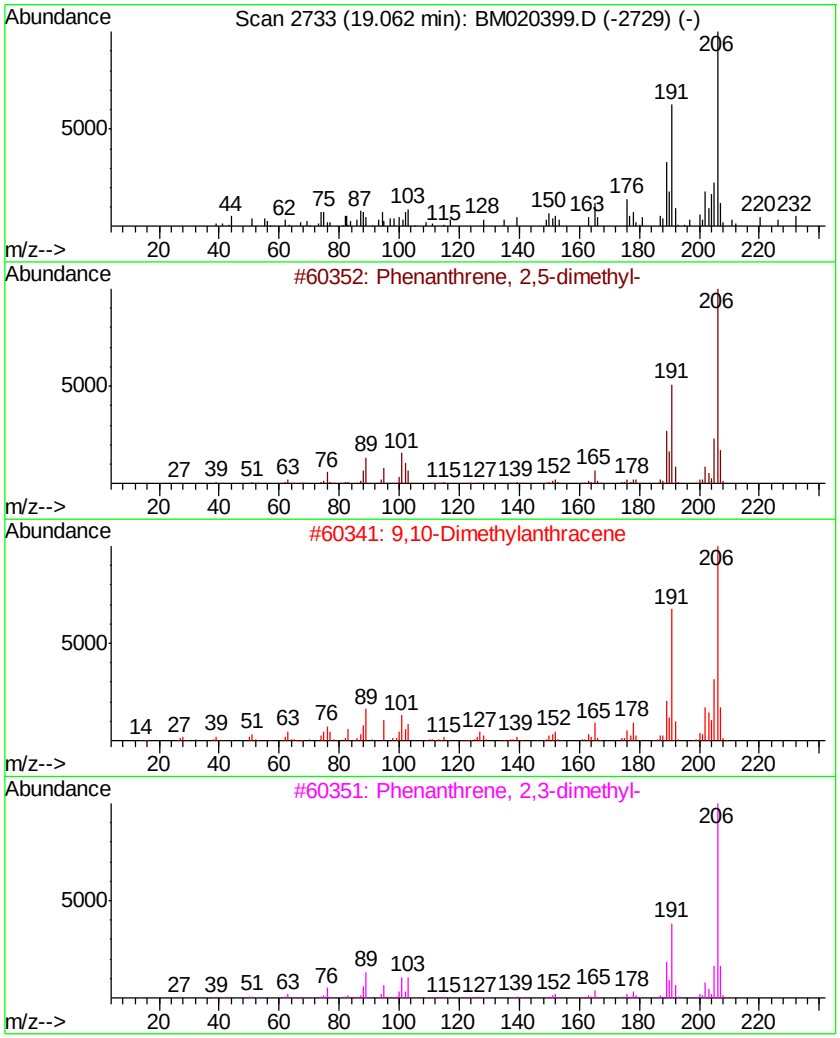
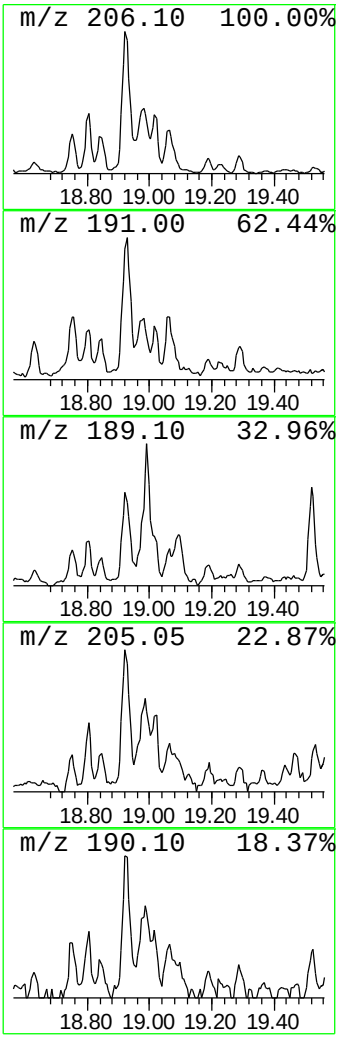
Peak Number 43 Phenanthrene, 2,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	4.09 ng/ul	206812	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	76
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020399.D
Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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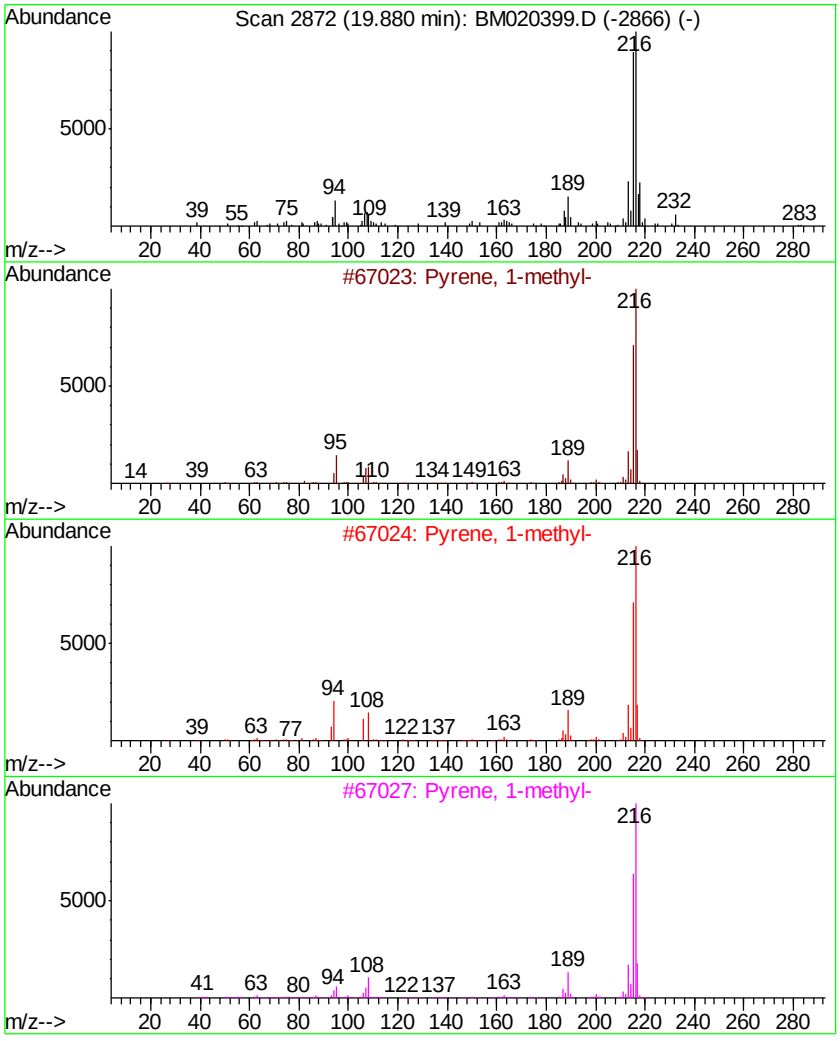
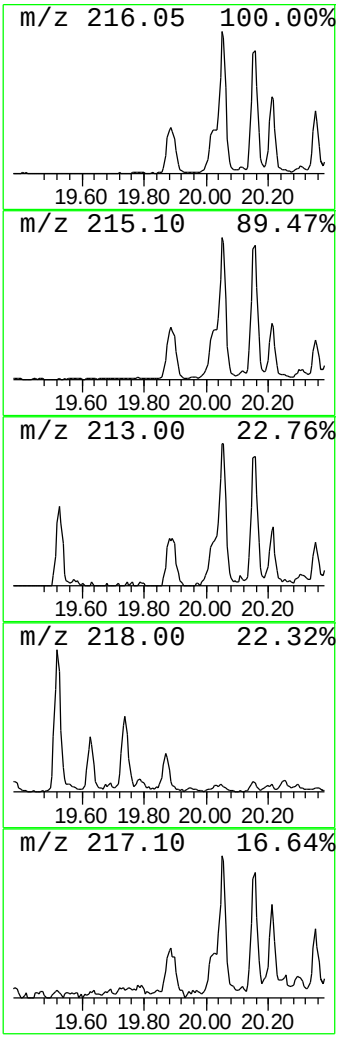
Peak Number 45 Pyrene, 1-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.41 ng/ul	235506	Chrysene-d12	21.32

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051819\
Data File : BM020399.D
Acq On : 18 May 2019 13:00
Operator : JU/SJ
Sample : K2604-01MEDL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,2,3-tr...	7.37	7.2	ng/ul	149265	1	7.73	417535	20.0
Benzene, 1-propynyl-	8.26	17.5	ng/ul	365114	1	7.73	417535	20.0
2-Methylindene	9.95	6.1	ng/ul	173283	2	10.52	570888	20.0
Benzene, 1-butynyl-	10.02	4.0	ng/ul	115206	2	10.52	570888	20.0
(DEL) Alkane: Str...	10.47	3.0	ng/ul	86962	2	10.52	570888	20.0
(DEL) Alkane: Str...	11.92	6.4	ng/ul	182119	2	10.52	570888	20.0
Naphthalene, 1-me...	12.41	40.9	ng/ul	1166310	2	10.52	570888	20.0
Naphthalene, 1-et...	13.40	4.0	ng/ul	201195	3	14.38	1004340	20.0
Naphthalene, 2,6-...	13.53	6.8	ng/ul	341506	3	14.38	1004340	20.0
Naphthalene, 1,3-...	13.69	14.3	ng/ul	719013	3	14.38	1004340	20.0
Naphthalene, 2,3-...	13.93	5.7	ng/ul	284356	3	14.38	1004340	20.0
(DEL) Alkane: Str...	14.26	4.2	ng/ul	210734	3	14.38	1004340	20.0
Naphthalene, 1,4,...	14.59	2.7	ng/ul	134030	3	14.38	1004340	20.0
Naphthalene, 2,3,...	14.85	2.9	ng/ul	146974	3	14.38	1004340	20.0
(DEL) Alkane: Str...	15.22	3.6	ng/ul	181697	3	14.38	1004340	20.0
1H-Phenalene	15.25	2.6	ng/ul	131442	3	14.38	1004340	20.0
[1,1'-Biphenyl]-4...	15.72	3.3	ng/ul	165736	3	14.38	1004340	20.0
2,4,6-Cycloheptat...	15.87	3.7	ng/ul	186329	4	17.13	1010830	20.0
(DEL) Alkane: Str...	16.08	4.8	ng/ul	242486	4	17.13	1010830	20.0
9H-Fluorene, 2-me...	16.58	2.6	ng/ul	130240	4	17.13	1010830	20.0
2,4,6-Trimethoxyb...	16.70	2.0	ng/ul	101796	4	17.13	1010830	20.0
(DEL) Alkane: Str...	16.87	4.5	ng/ul	226491	4	17.13	1010830	20.0
Dibenzothiophene	16.95	5.3	ng/ul	269337	4	17.13	1010830	20.0
(DEL) Alkane: Str...	17.61	3.1	ng/ul	156141	4	17.13	1010830	20.0
Dibenzothiophene,...	17.71	2.4	ng/ul	122289	4	17.13	1010830	20.0
Phenanthrene, 1-m...	18.00	11.2	ng/ul	568286	4	17.13	1010830	20.0
Phenanthrene, 2-m...	18.05	12.5	ng/ul	630230	4	17.13	1010830	20.0
Anthracene, 1-met...	18.13	4.6	ng/ul	234760	4	17.13	1010830	20.0
4H-Cyclopenta[def...	18.20	16.4	ng/ul	828174	4	17.13	1010830	20.0
(DEL) Alkane: Str...	18.30	2.8	ng/ul	143699	4	17.13	1010830	20.0
2-Phenylnaphthalene	18.51	5.3	ng/ul	268551	4	17.13	1010830	20.0
unknown-01	18.99	3.2	ng/ul	162190	4	17.13	1010830	20.0
Phenanthrene, 2,5...	19.06	4.1	ng/ul	206812	4	17.13	1010830	20.0
Pyrene, 1-methyl-	19.88	2.4	ng/ul	235506	5	21.32	1951660	20.0