LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020405.D
Acq On : 18 May 2019 17:13
Operator : JU/SJ
Sample : K2604-21MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ92MEDL

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	7.369	743	745	752	rVB5	7870	12682	0.64%	0.065%
2	7.728	800	806	816	rBV	258408	422939	21.40%	2.173%
3	8.986	1016	1020	1027	rVB2	6063	10858	0.55%	0.056%
4	10.522	1272	1281	1285	rBV	340136	574727	29.09%	2.953%
5	10.569	1285	1289	1297	rVB	264109	448352	22.69%	2.303%
6	12.186	1557	1564	1581	rBV	408694	647729	32.78%	3.328%
7	12.410	1593	1602	1615	rBV	258928	417929	21.15%	2.147%
8	13.210	1728	1738	1745	rBV	68110	113455	5.74%	0.583%
9	13.404	1764	1771	1783	rVV2	20938	46052	2.33%	0.237%
10	13.551	1787	1796	1803	rBV4	67386	170689	8.64%	0.877%
11	13.610	1803	1806	1812	rVB2	8004	12358	0.63%	0.063%
12	13.692	1812	1820	1825	rBV	133219	227685	11.52%	1.170%
13	13.751	1825	1830	1834	rVV	77738	118254	5.98%	0.608%
14	13.792	1834	1837	1840	rVV	30101	44856	2.27%	0.230%
15	13.833	1840	1844	1855	rVV	92181	145685	7.37%	0.748%
16	13.933	1855	1861	1864	rVV	62694	92438	4.68%	0.475%
17	13.963	1864	1866	1879	rVB2	18831	28080	1.42%	0.144%
18	14.104	1879	1890	1901	rBV	334220	556654	28.17%	2.860%
19	14.380	1926	1937	1943	rBV2	544292	857008	43.37%	4.403%
20	14.445	1943	1948	1956	rVV3	34152	74617	3.78%	0.383%
21	14.586	1966	1972	1980	rBV2	7330	16167	0.82%	0.083%
22	14.780	1994	2005	2012	rBV3	42304	81537	4.13%	0.419%
23	14.851	2012	2017	2026	rVB	27606	40887	2.07%	0.210%
24	14.986	2032	2040	2045	rBV4	41179	82498	4.18%	0.424%
25	15.045	2045	2050	2054	rVV2	19756	31471	1.59%	0.162%
26	15.086	2054	2057	2061	rVB	9223	11847	0.60%	0.061%
27	15.139	2061	2066	2067	rBV2	12761	13105	0.66%	0.067%
28	15.162	2069	2070	2074	rVV2	13710	13456	0.68%	0.069%
29	15.251	2081	2085	2091	rVB2	49179	69265	3.51%	0.356%
30	15.374	2100	2106	2111	rVV	80365	111258	5.63%	0.572%
31	15.457	2111	2120	2127	rVB3	28170	57842	2.93%	0.297%
32	15.557	2133	2137	2140	rBV3	13388	17284	0.87%	0.089%
33	15.633	2146	2150	2154	rBV3	20468	30559	1.55%	0.157%
34	15.721	2161	2165	2169	rBV	19340	28154	1.42%	0.145%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020405.D
Acq On : 18 May 2019 17:13
Operator : JU/SJ
Sample : K2604-21MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ92MEDL

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	15.768	2171	2173	2181	rVB2	17169	24655	1.25%	0.127%
36	15.845	2181	2186	2199	rBV3	68759	133226	6.74%	0.684%
37	16.098	2222	2229	2234	rBV6	12759	25075	1.27%	0.129%
38	16.439	2279	2287	2291	rVV5	23416	50369	2.55%	0.259%
39	16.486	2291	2295	2300	rVV3	12807	21377	1.08%	0.110%
40	16.580	2307	2311	2317	rVV2	17747	27149	1.37%	0.139%
41	16.704	2328	2332	2337	rVV4	12300	21094	1.07%	0.108%
42	16.792	2342	2347	2353	rVV3	20246	34148	1.73%	0.175%
43	16.868	2355	2360	2365	rVB4	10073	15735	0.80%	0.081%
44	16.951	2365	2374	2382	rBV	82520	136061	6.89%	0.699%
45	17.133	2398	2405	2408	rBV	695941	1021323	51.69%	5.247%
46	17.174	2408	2412	2418	rVV	1237324	1687212	85.39%	8.668%
47	17.227	2418	2421	2423	rVV2	41964	53011	2.68%	0.272%
48	17.262	2423	2427	2433	rVB	194148	279643	14.15%	1.437%
49	17.651	2489	2493	2498	rVB	29313	38800	1.96%	0.199%
50	17.709	2498	2503	2512	rVB3	46108	79533	4.03%	0.409%
51	17.815	2516	2521	2524	rBV3	7366	11580	0.59%	0.059%
52	17.851	2524	2527	2535	rVB2	25684	46824	2.37%	0.241%
53	17.927	2535	2540	2545	rBV4	15006	26947	1.36%	0.138%
54	18.003	2548	2553	2557	rBV	195474	269144	13.62%	1.383%
55	18.051	2557	2561	2568	rVB	210775	293247	14.84%	1.507%
56	18.133	2571	2575	2580	rBV	64307	94942	4.80%	0.488%
57	18.198	2580	2586	2590	rBV2	227120	429433	21.73%	2.206%
58	18.233	2590	2592	2600	rVB	126456	173287	8.77%	0.890%
59	18.315	2602	2606	2610	rVB5	6267	10897	0.55%	0.056%
60	18.362	2610	2614	2618	rBV5	10676	14612	0.74%	0.075%
61	18.403	2618	2621	2625	rVB3	9787	11717	0.59%	0.060%
62	18.509	2633	2639	2645	rBV	97047	142795	7.23%	0.734%
63	18.674	2663	2667	2672	rVB4	7014	11161	0.56%	0.057%
64	18.750	2677	2680	2685	rVV4	16584	24474	1.24%	0.126%
65	18.803	2685	2689	2693	rVV	25976	29755	1.51%	0.153%
66	18.845	2693	2696	2700	rVB2	15995	18608	0.94%	0.096%
67	18.921	2703	2709	2714	rBV2	94163	154876	7.84%	0.796%
68	18.986	2714	2720	2723	rVV3	50932	106644	5.40%	0.548%
69	19.015	2723	2725	2729	rVV2	48687	55720	2.82%	0.286%
70	19.068	2729	2734	2748	rVB6	47301	133936	6.78%	0.688%
71	19.192	2748	2755	2762	rBV	545400	739540	37.43%	3.799%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020405.D
Acq On : 18 May 2019 17:13
Operator : JU/SJ
Sample : K2604-21MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ92MEDL

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	19.256	2762	2766	2769	rVB2	12405	13712	0.69%	0.070%
73	19.292	2769	2772	2776	rVB4	18104	21008	1.06%	0.108%
74	19.345	2776	2781	2791	rVB	168639	238395	12.07%	1.225%
75	19.439	2792	2797	2798	rBV4	12533	17025	0.86%	0.087%
76	19.462	2798	2801	2806	rVB	24839	33599	1.70%	0.173%
77	19.556	2806	2817	2825	rBV	796131	1179095	59.67%	6.058%
78	19.627	2826	2829	2835	rVB7	21161	30528	1.55%	0.157%
79	19.880	2867	2872	2881	rBV3	44167	100317	5.08%	0.515%
80	20.015	2890	2895	2897	rVV2	53406	84793	4.29%	0.436%
81	20.050	2897	2901	2907	rVB	139594	199309	10.09%	1.024%
82	20.150	2914	2918	2924	rBV	99737	136619	6.91%	0.702%
83	20.209	2924	2928	2932	rVV2	76838	98841	5.00%	0.508%
84	20.309	2940	2945	2948	rBV4	26038	41612	2.11%	0.214%
85	20.350	2948	2952	2956	rVV	60004	92413	4.68%	0.475%
86	20.397	2956	2960	2969	rVB2	96412	158907	8.04%	0.816%
87	20.639	2998	3001	3002	rBV3	14062	15294	0.77%	0.079%
88	20.750	3017	3020	3021	rBV3	16401	15077	0.76%	0.077%
89	20.968	3053	3057	3060	rBV	47135	56399	2.85%	0.290%
90	21.003	3060	3063	3066	rVV	54981	67966	3.44%	0.349%
91	21.039	3067	3069	3073	rVB	31366	34753	1.76%	0.179%
92	21.321	3109	3117	3121	rBV2	1166006	1975920	100.00%	10.152%
93	21.356	3121	3123	3133	rVB	279851	342078	17.31%	1.757%
94	21.874	3208	3211	3216	rVB2	51634	76373	3.87%	0.392%
95	22.103	3247	3250	3256	rVB2	46439	71542	3.62%	0.368%
96	22.909	3382	3387	3399	rVB	98466	333599	16.88%	1.714%
97	23.385	3464	3468	3473	rBV	74045	134750	6.82%	0.692%
98	23.438	3474	3477	3480	rVV2	80016	124246	6.29%	0.638%
99	23.485	3481	3485	3494	rVB	160347	293645	14.86%	1.509%
100	23.585	3496	3502	3519	rVB2	701159	1399545	70.83%	7.190%

Sum of corrected areas: 19464287

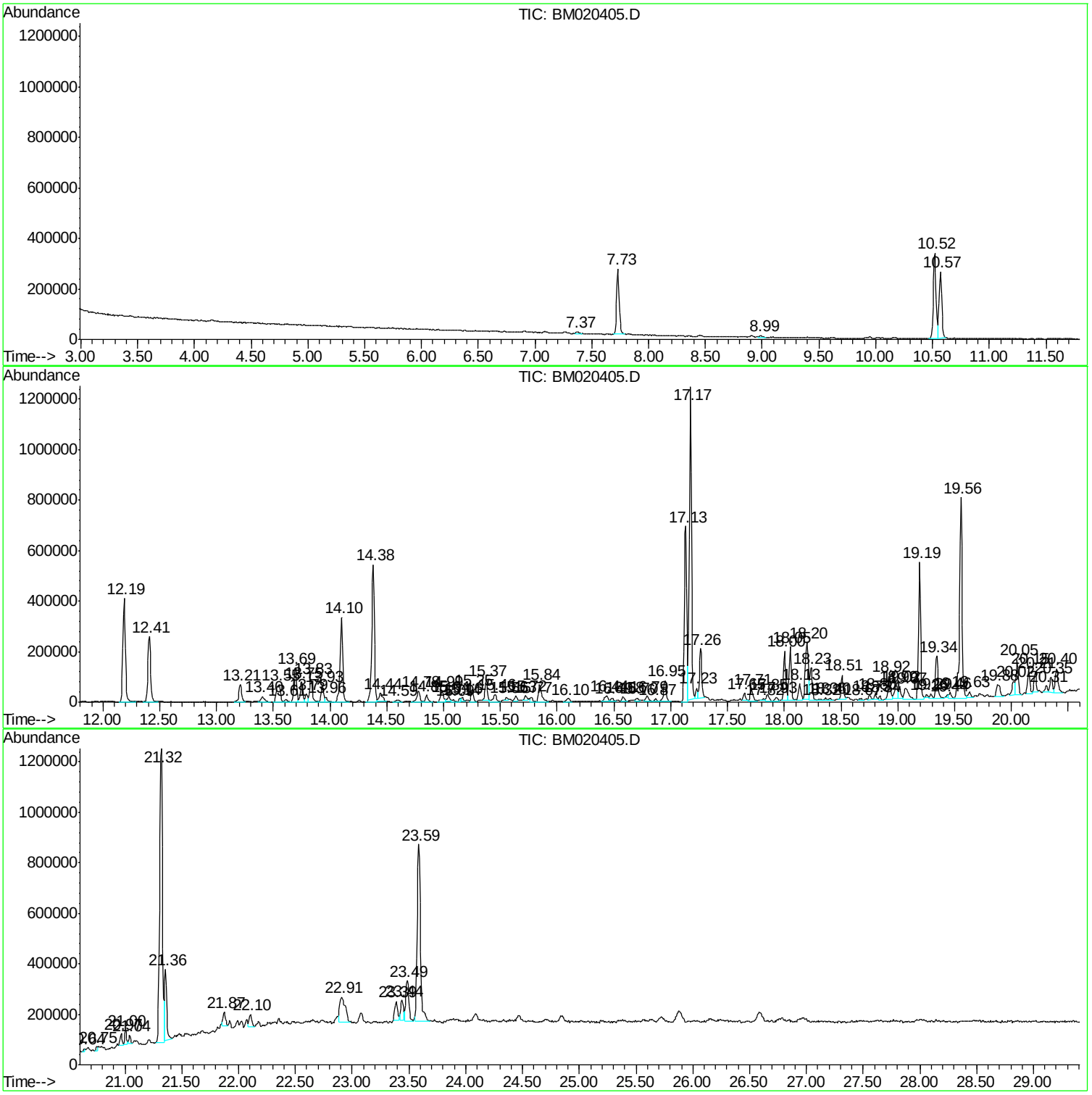
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020405.D
Acq On : 18 May 2019 17:13
Operator : JU/SJ
Sample : K2604-21MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ92MEDL

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 : BM020405.D
Acq On : 18 May 2019 17:13
Operator : JU/SJ
Sample : K2604-21MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ92MEDL

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

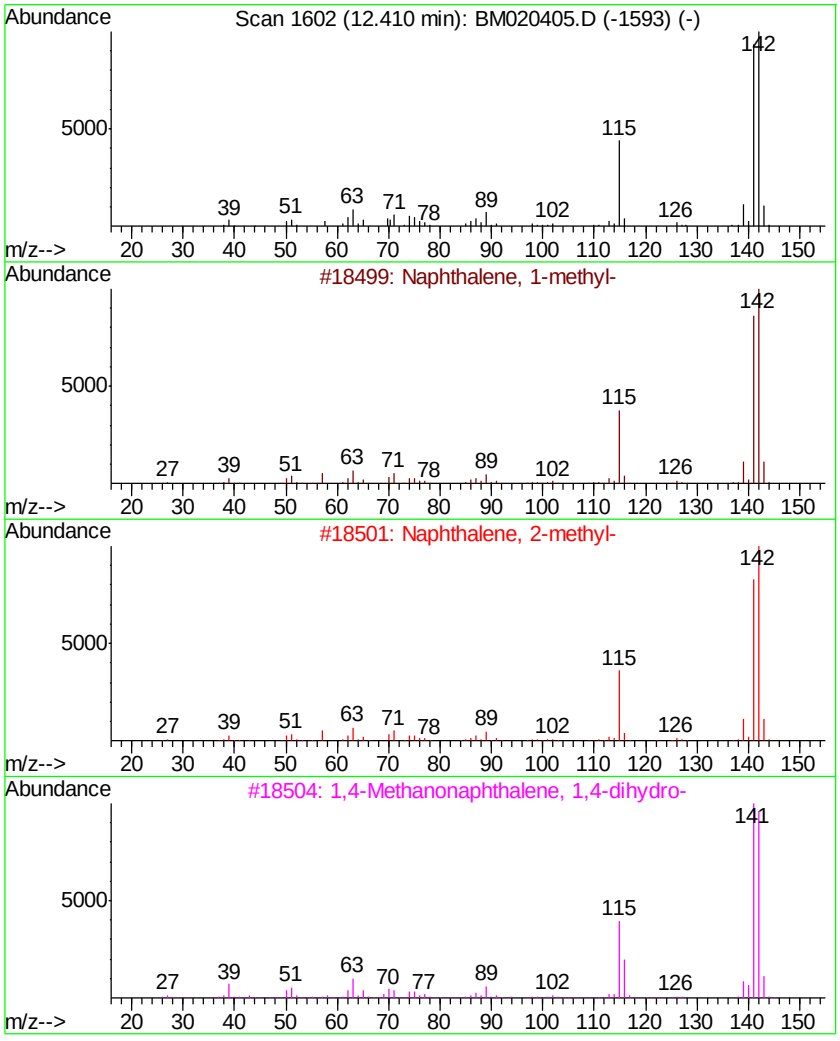
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

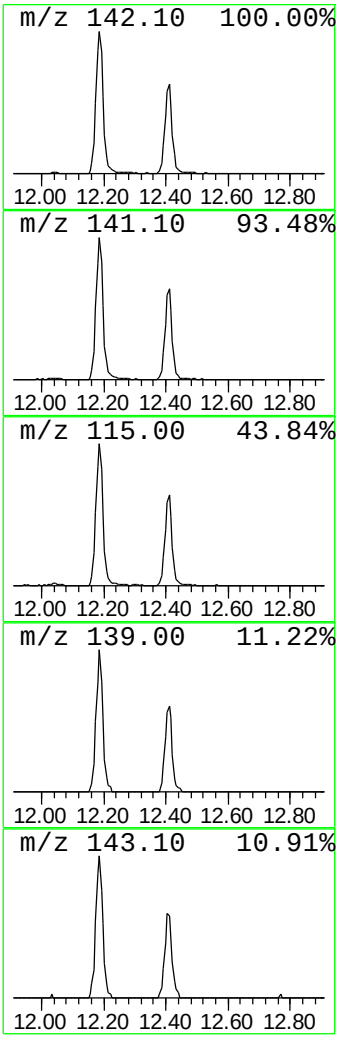
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	14.54 ng/ul	417929	Naphthalene-d8	10.52

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020405.D
Acq On : 18 May 2019 17:13
Operator : JU/SJ
Sample : K2604-21MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ92MEDL

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

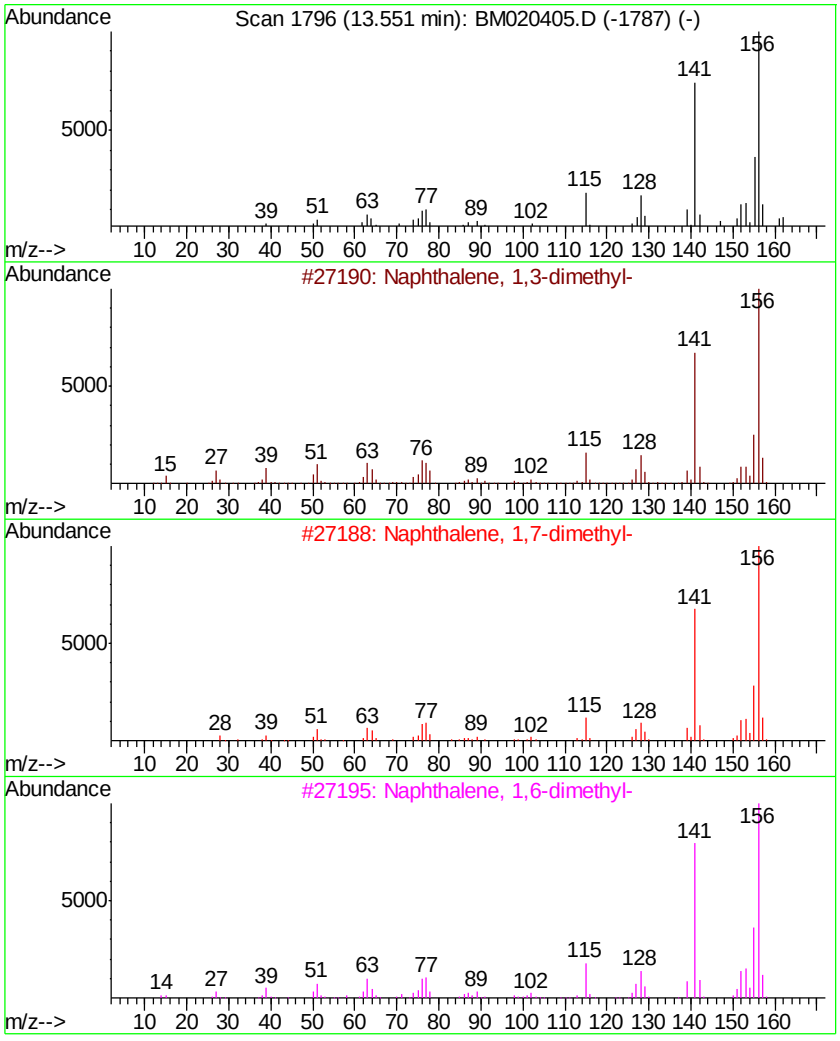
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

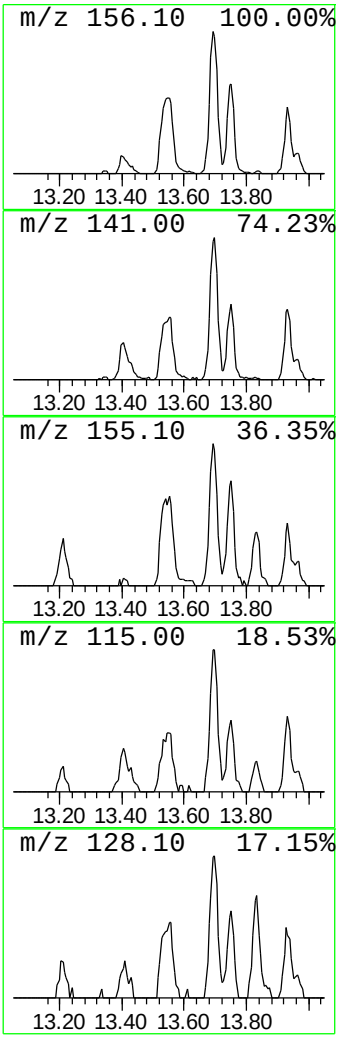
****

Peak Number 2 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	3.98 ng/ul	170689	Acenaphthene-d10	14.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020405.D
Acq On : 18 May 2019 17:13
Operator : JU/SJ
Sample : K2604-21MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ92MEDL

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

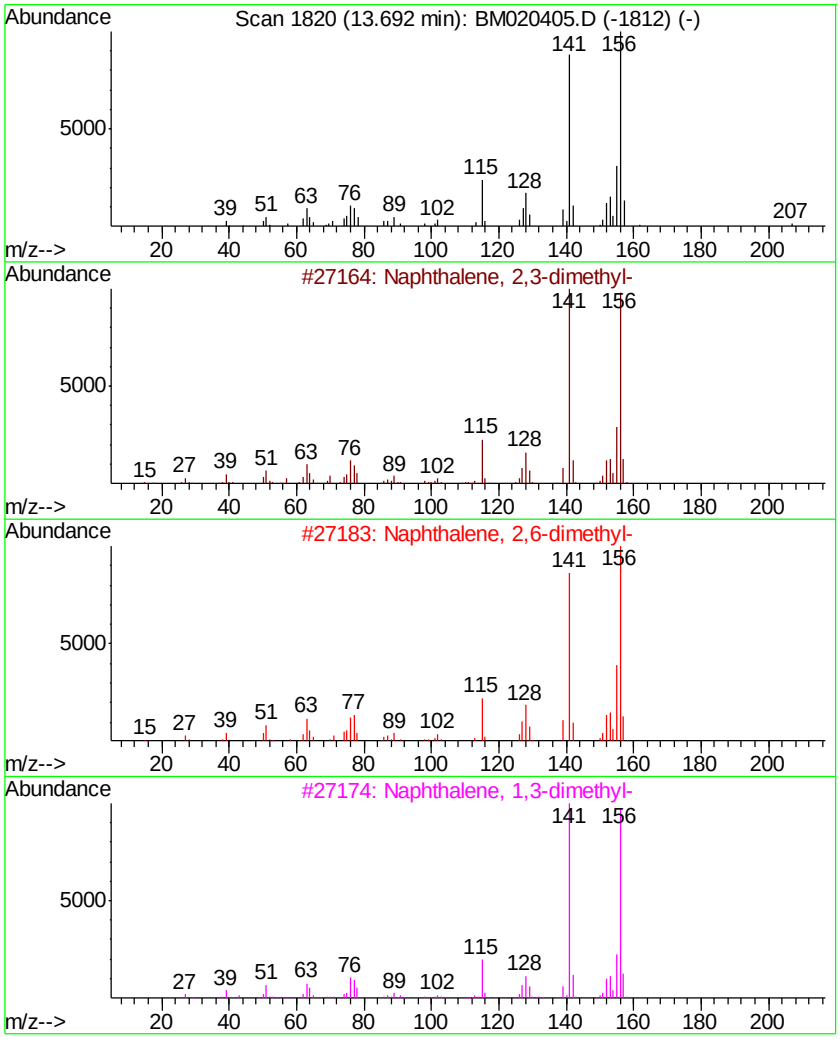
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

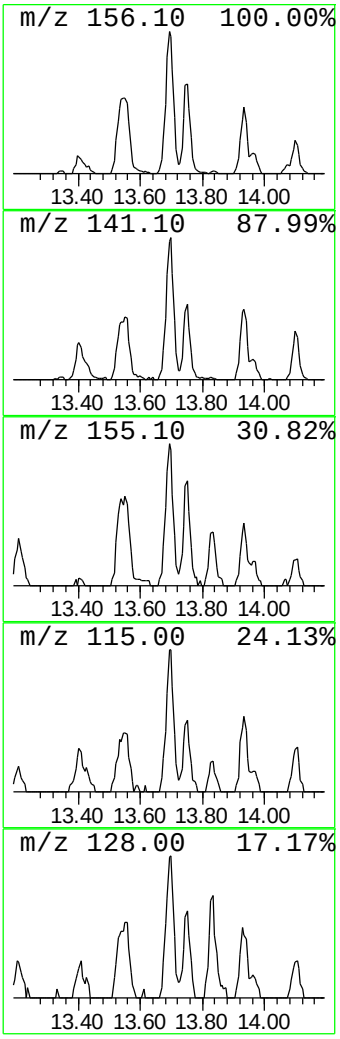
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	5.31 ng/ul	227685	Acenaphthene-d10	14.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020405.D
Acq On : 18 May 2019 17:13
Operator : JU/SJ
Sample : K2604-21MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ92MEDL

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

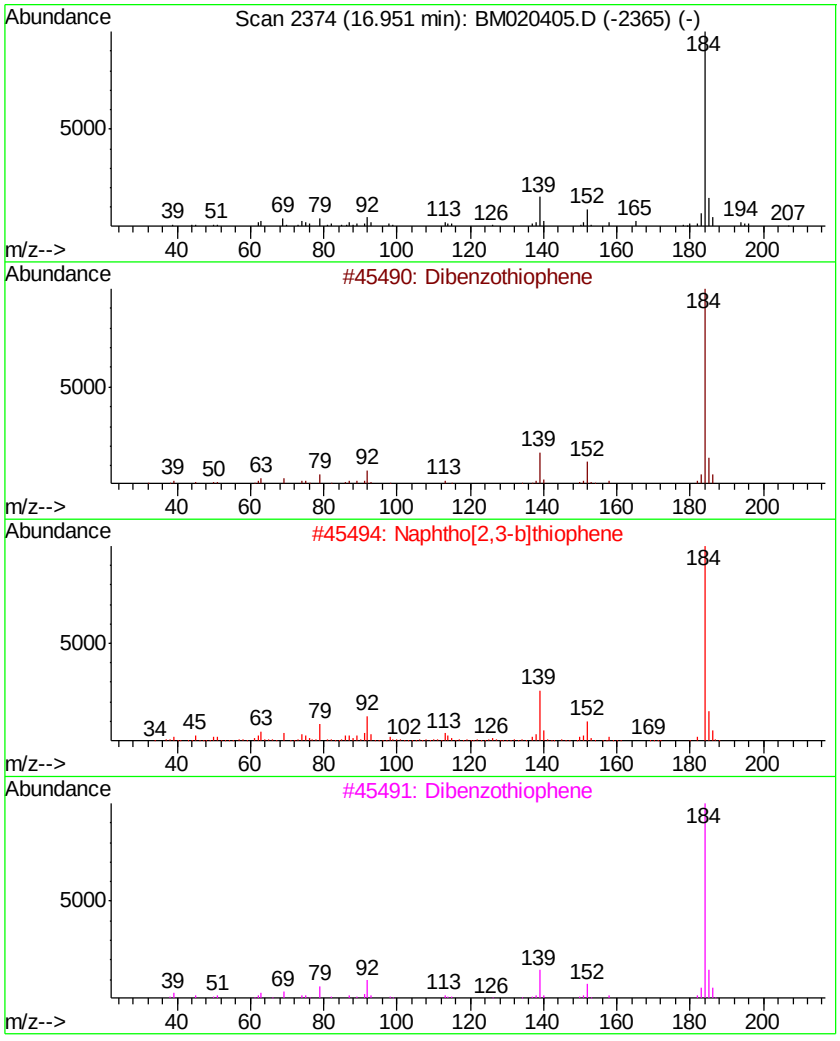
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

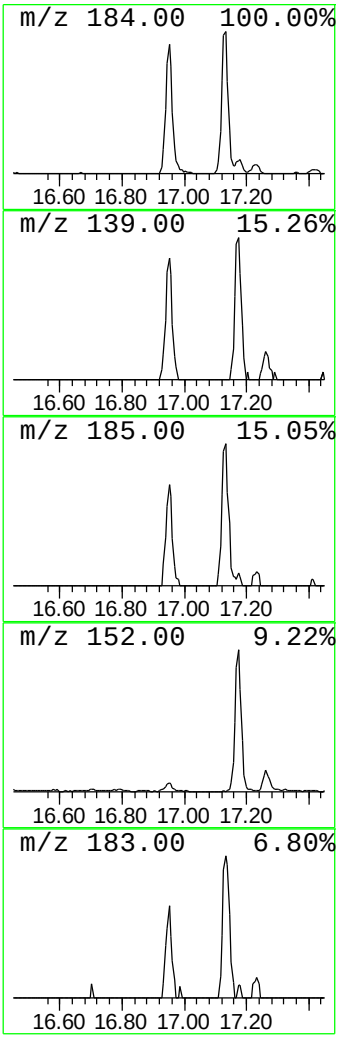
****

Peak Number 6 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	2.66 ng/ul	136061	Phenanthrene-d10	17.13

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020405.D
Acq On : 18 May 2019 17:13
Operator : JU/SJ
Sample : K2604-21MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ92MEDL

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

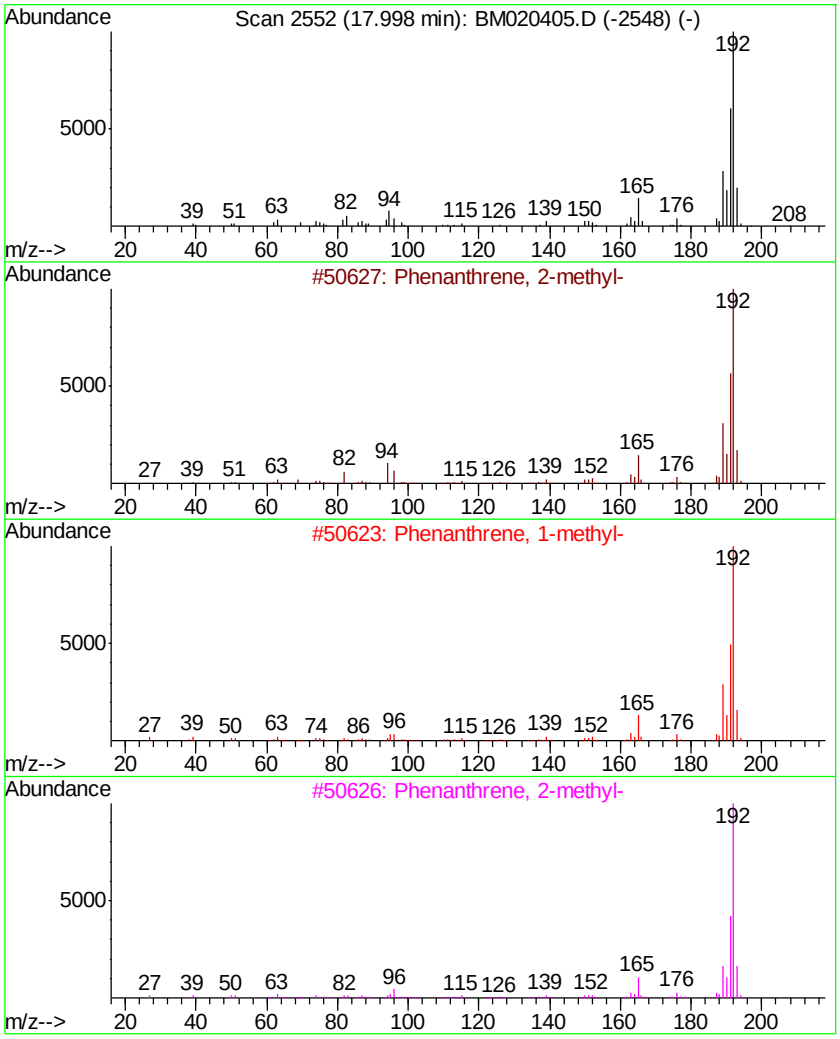
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

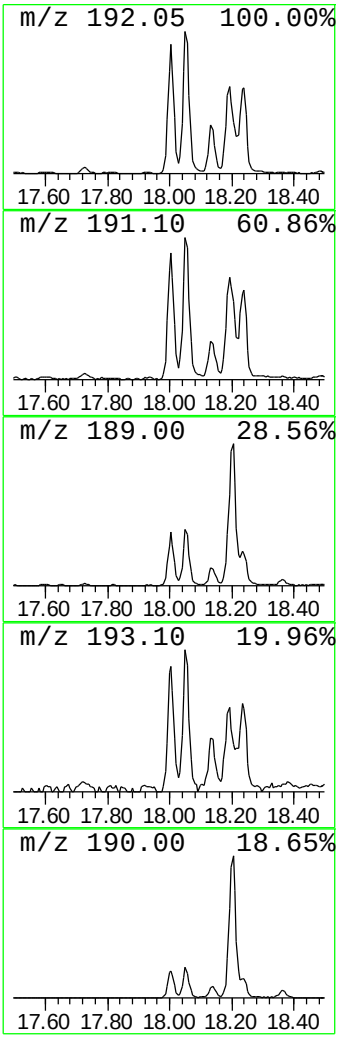
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	5.27 ng/ul	269144	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020405.D
Acq On : 18 May 2019 17:13
Operator : JU/SJ
Sample : K2604-21MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ92MEDL

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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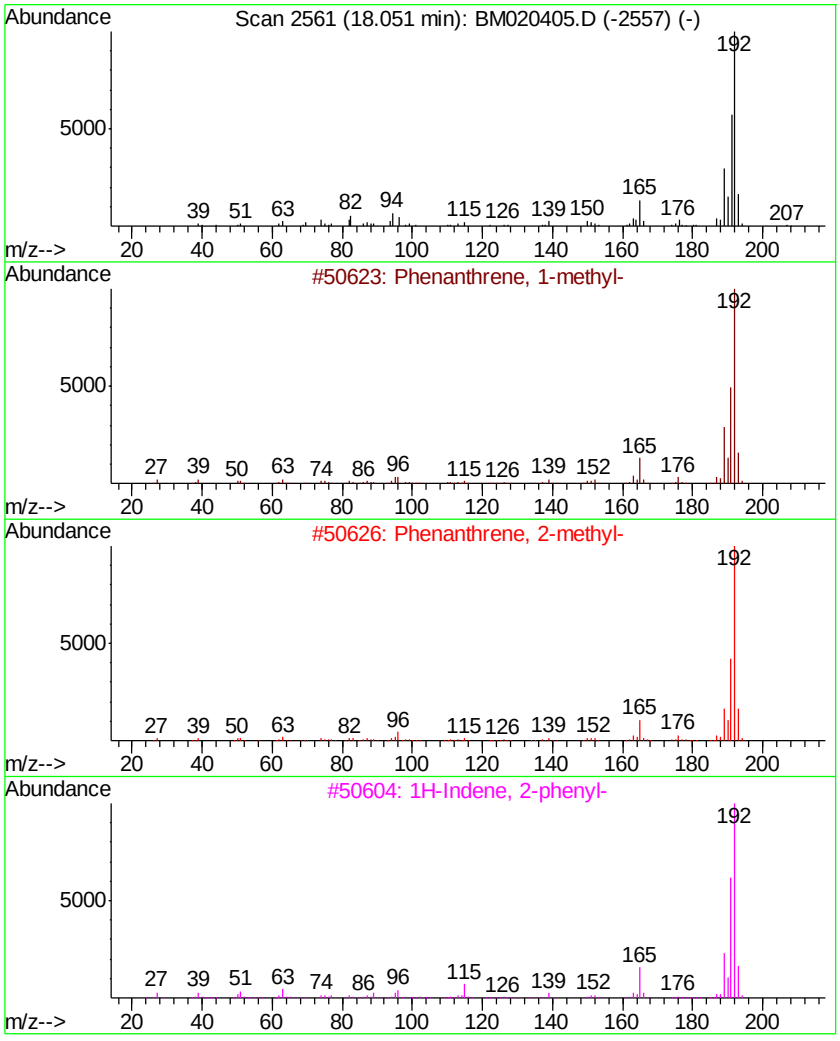
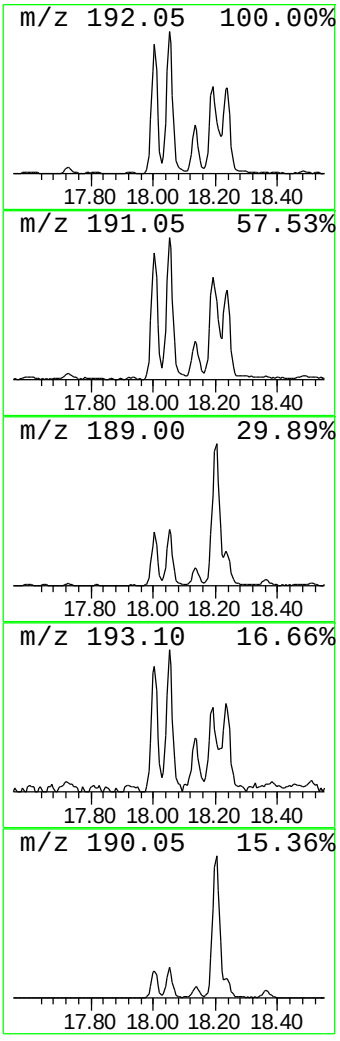
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	5.74 ng/ul	293247	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Data File : BM020405.D
Acq On : 18 May 2019 17:13
Operator : JU/SJ
Sample : K2604-21MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ92MEDL

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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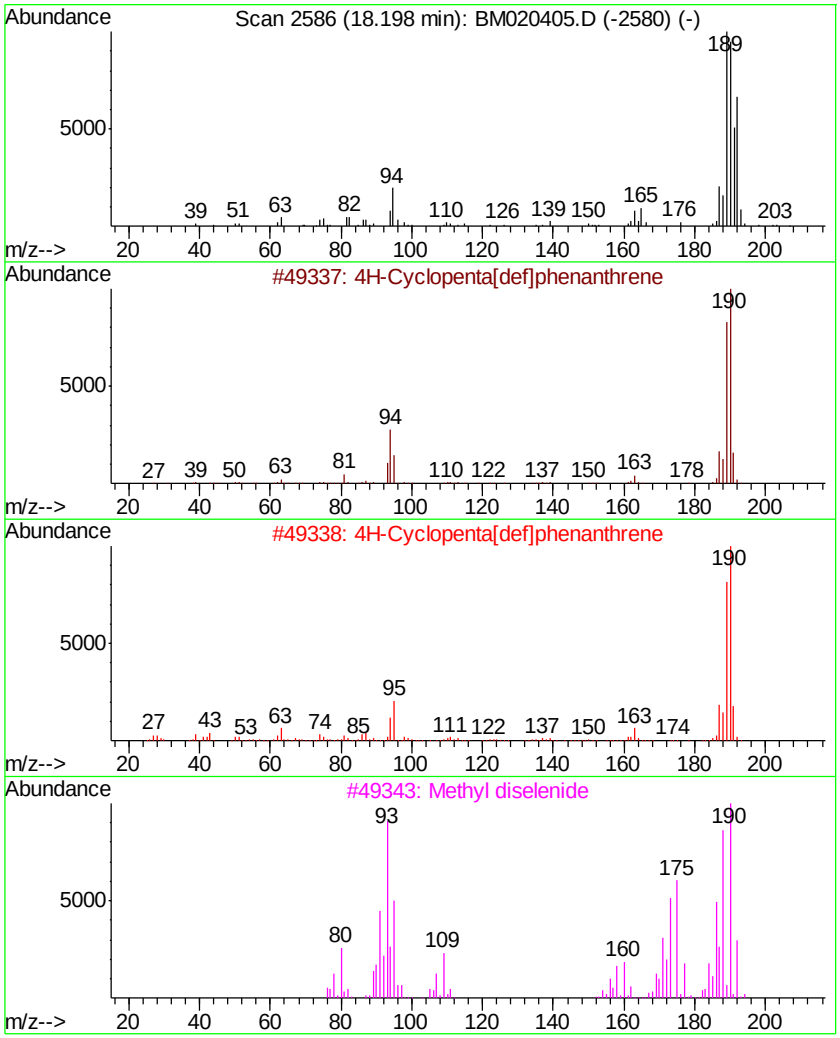
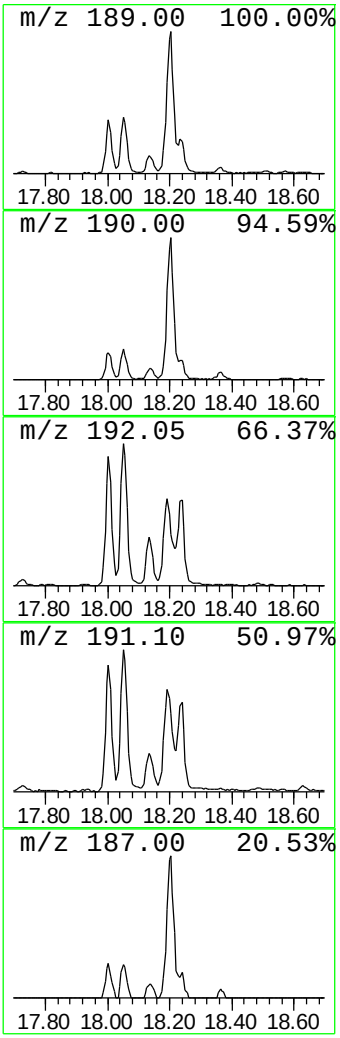
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	8.41 ng/ul	429433	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	Methyl diselenide	190	C2H6Se2	007101-31-7	41
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020405.D
Acq On : 18 May 2019 17:13
Operator : JU/SJ
Sample : K2604-21MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ92MEDL

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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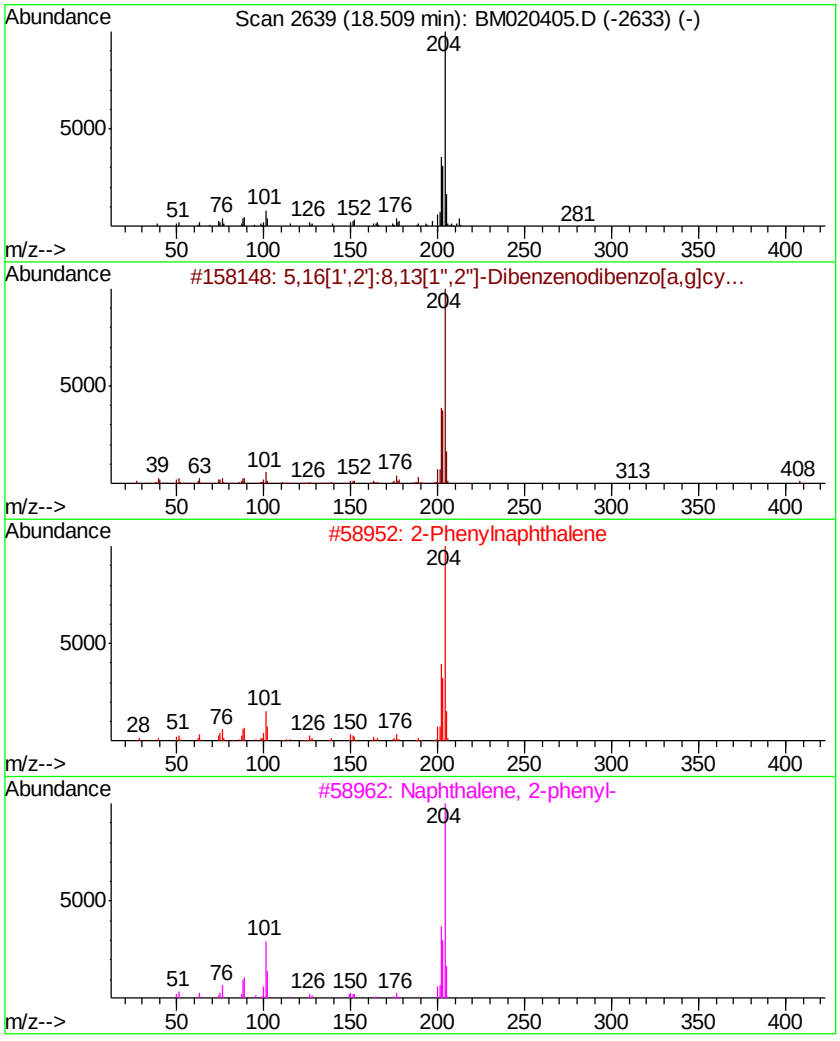
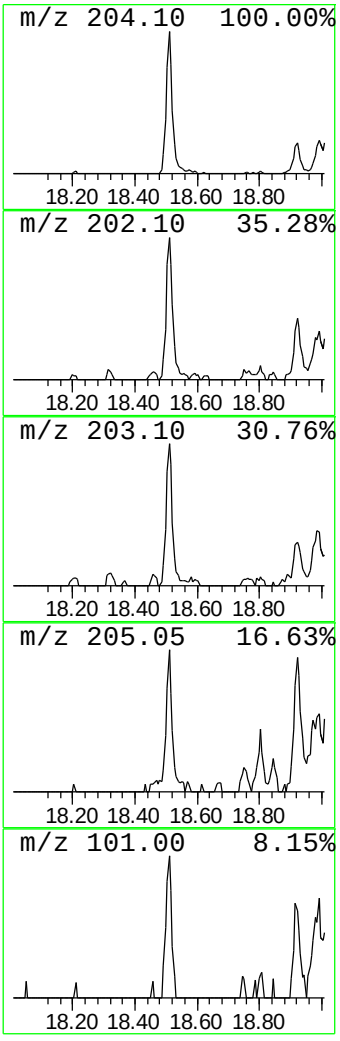
Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	2.80 ng/ul	142795	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020405.D
Acq On : 18 May 2019 17:13
Operator : JU/SJ
Sample : K2604-21MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ92MEDL

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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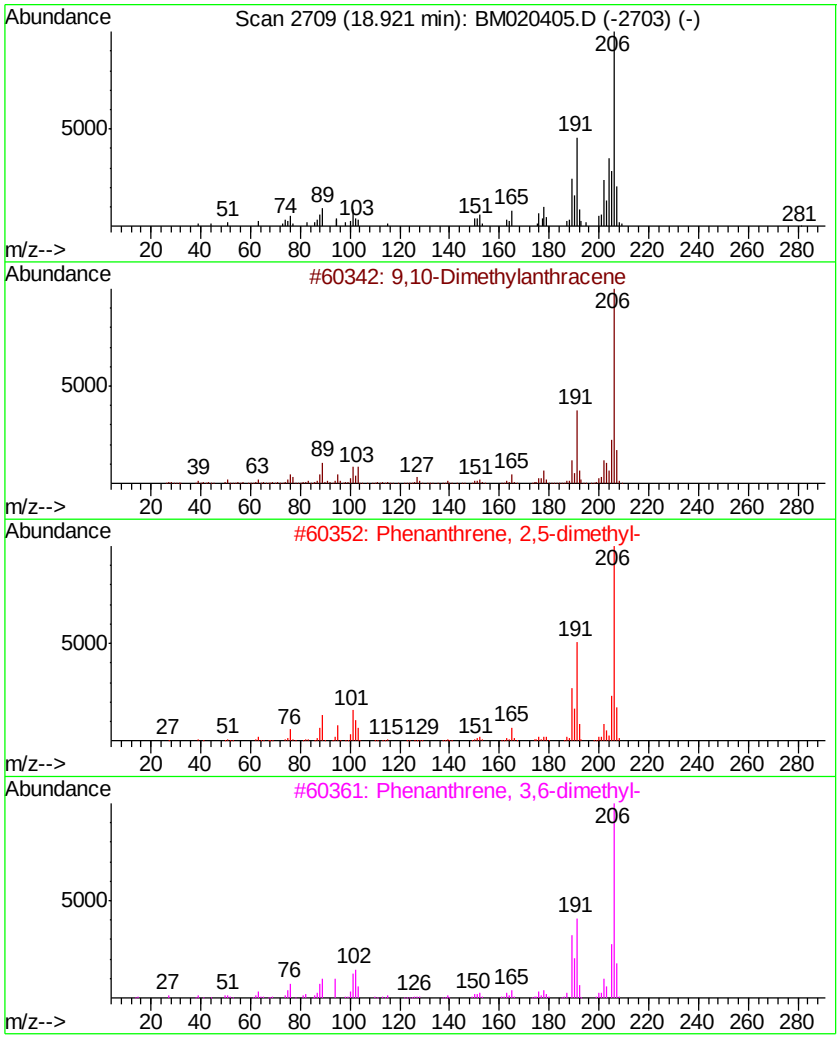
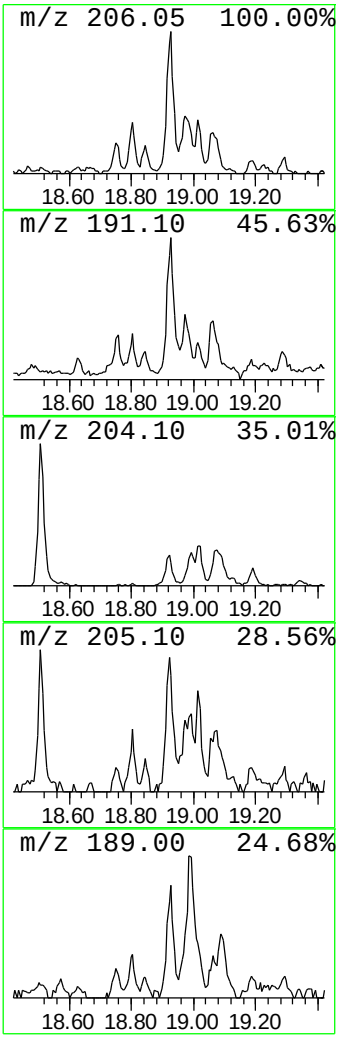
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	3.03 ng/ul	154876	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	89





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Data File : BM020405.D
Acq On : 18 May 2019 17:13
Operator : JU/SJ
Sample : K2604-21MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ92MEDL

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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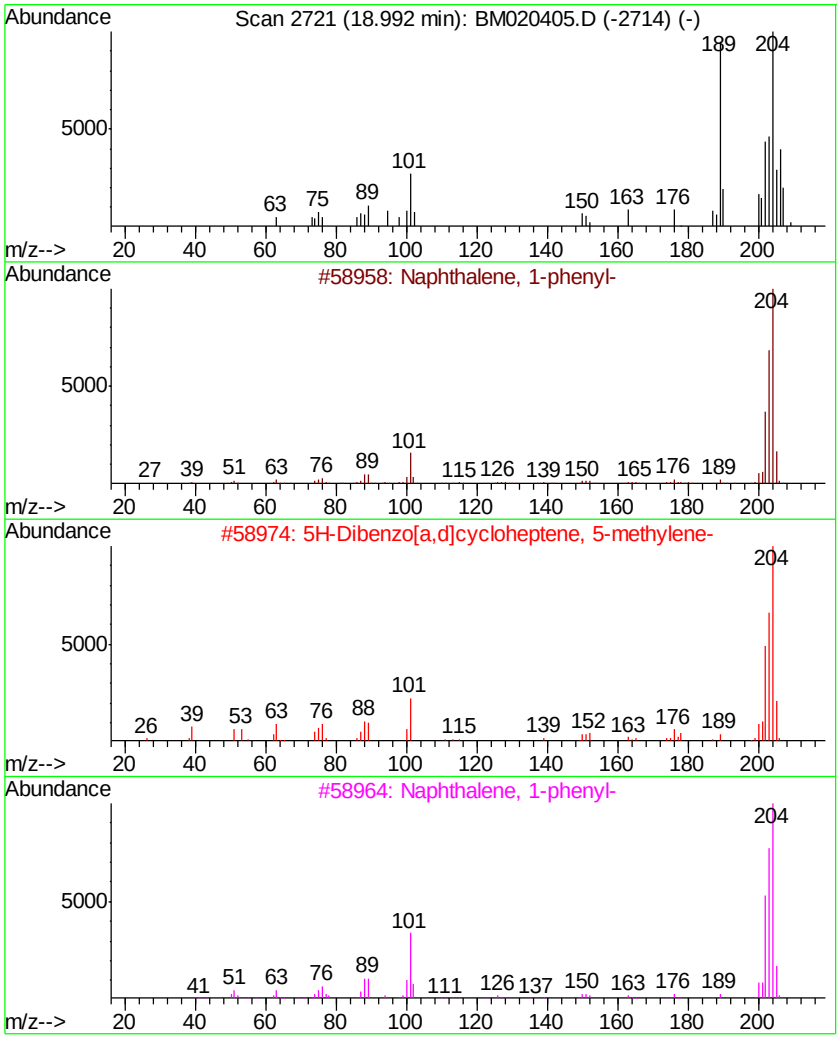
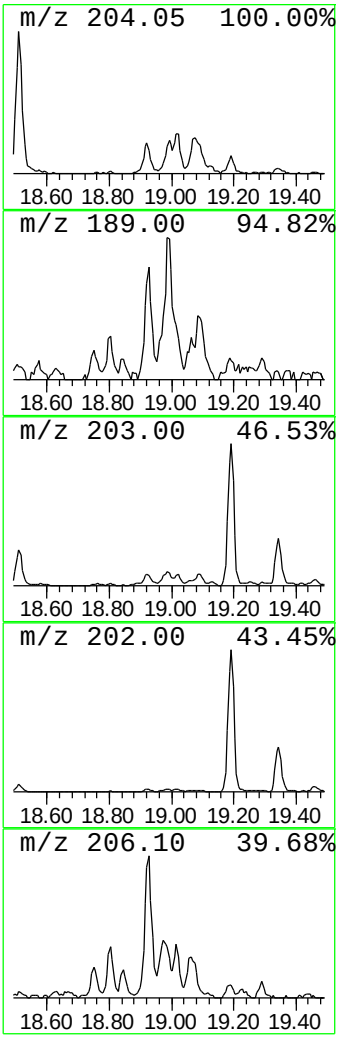
Peak Number 13 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	2.09 ng/ul	106644	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	41
2	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	41
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	41
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	38
5	Coumarin, 3,4-dihydro-4,4,6,8-te...	204	C13H16O2	249629-60-5	38





Library Search Compound Report

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Operator : JU/SJ
Sample : K2604-21MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ92MEDL

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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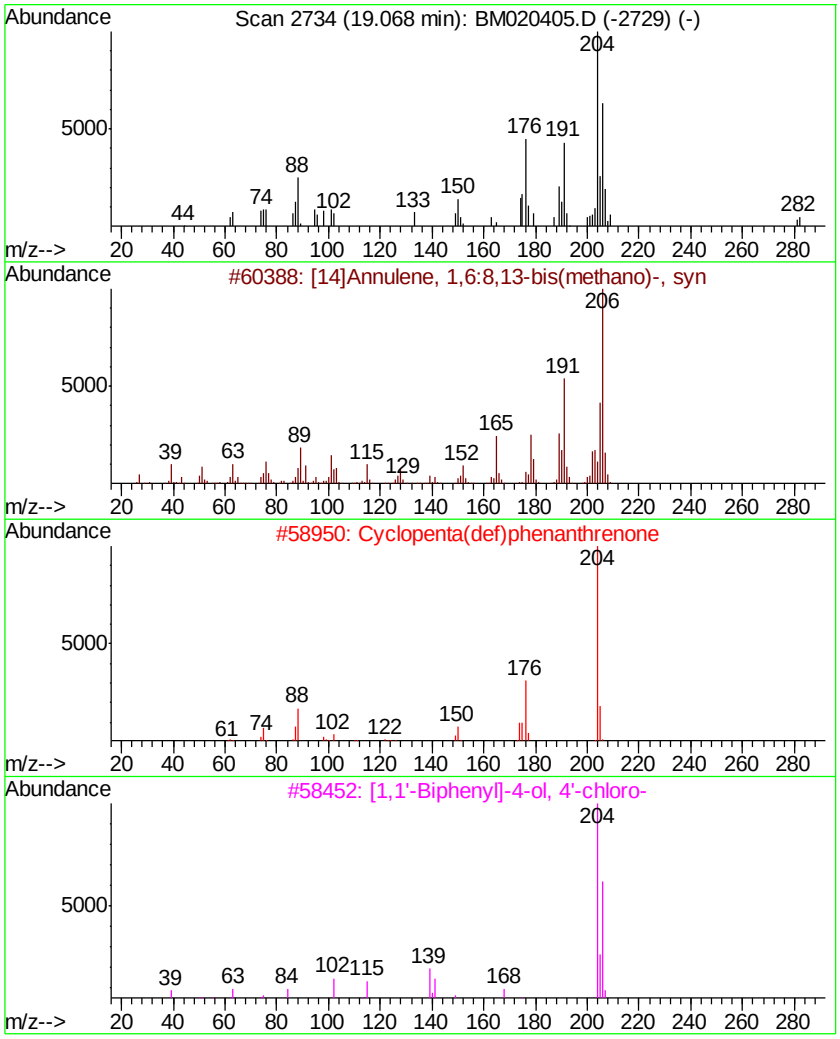
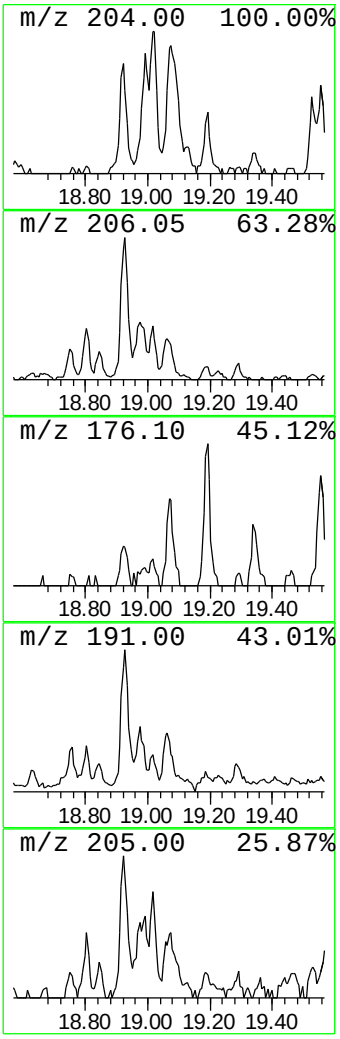
Peak Number 14 [14]Annulene, 1,6:8,13-bis(... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	2.62 ng/ul	133936	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	64
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	50
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
4	Phenanthrene-9-carboxaldehyde	206	C15H10O	004707-71-5	38
5	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	38





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Acq On : 18 May 2019 17:13
Operator : JU/SJ
Sample : K2604-21MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ92MEDL

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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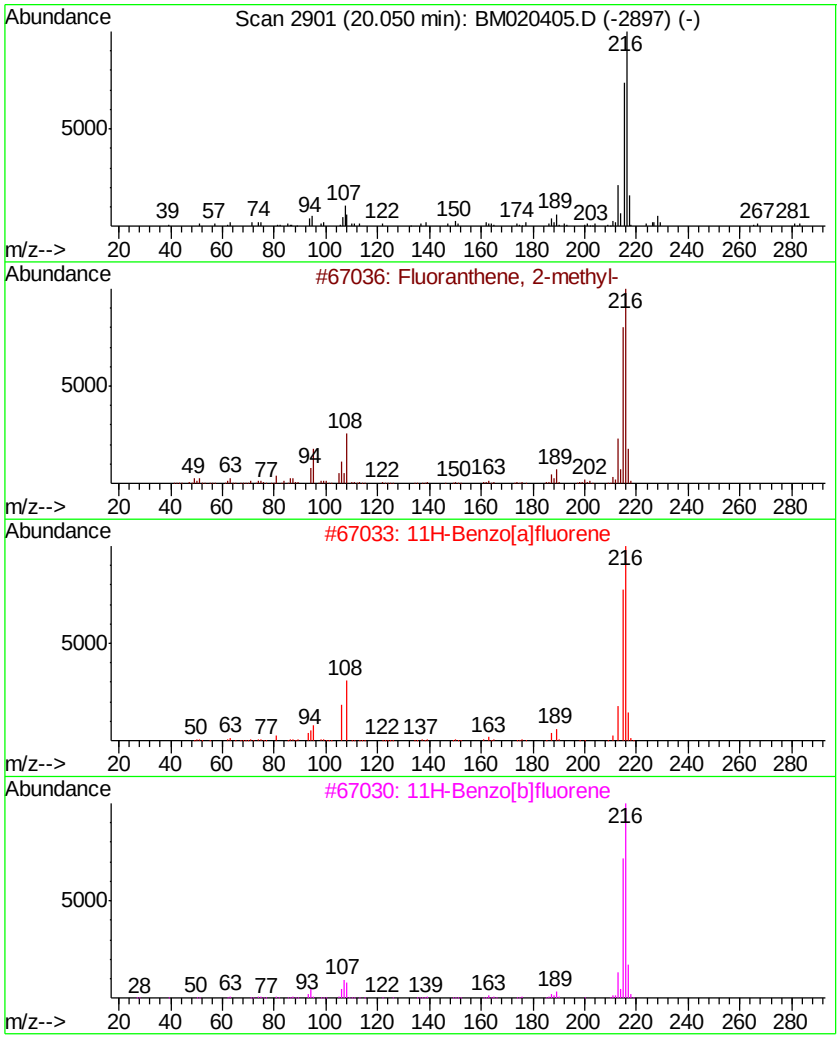
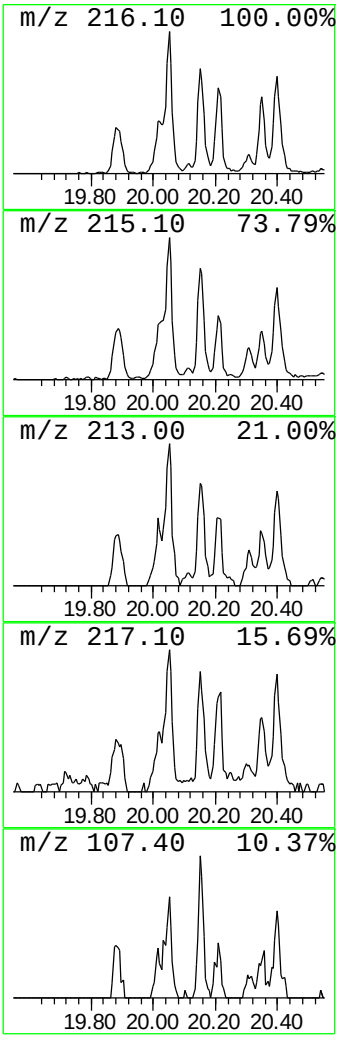
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	2.02 ng/ul	199309	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





Tentatively Identified Compound (LSC) summary

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Data File : BM020405.D
Acq On : 18 May 2019 17:13
Operator : JU/SJ
Sample : K2604-21MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ92MEDL

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
Naphthalene, 1-me...	12.41	14.5	ng/ul	417929	2	10.52	574727	20.0
Naphthalene, 1,3-...	13.55	4.0	ng/ul	170689	3	14.38	857008	20.0
Naphthalene, 2,3-...	13.69	5.3	ng/ul	227685	3	14.38	857008	20.0
Dibenzothiophene	16.95	2.7	ng/ul	136061	4	17.13	1021320	20.0
Phenanthrene, 2-m...	18.00	5.3	ng/ul	269144	4	17.13	1021320	20.0
Phenanthrene, 1-m...	18.05	5.7	ng/ul	293247	4	17.13	1021320	20.0
4H-Cyclopenta[def...	18.20	8.4	ng/ul	429433	4	17.13	1021320	20.0
5,16[1',2']:8,13[...	18.51	2.8	ng/ul	142795	4	17.13	1021320	20.0
9,10-Dimethylanth...	18.92	3.0	ng/ul	154876	4	17.13	1021320	20.0
unknown-01	18.99	2.1	ng/ul	106644	4	17.13	1021320	20.0
[14]Annulene, 1,6...	19.07	2.6	ng/ul	133936	4	17.13	1021320	20.0
Fluoranthene, 2-m...	20.05	2.0	ng/ul	199309	5	21.32	1975920	20.0