LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020509.D
Acq On : 23 May 2019 09:54
Operator : JU/SJ
Sample : K2925-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297DL

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	3.875	147	151	158	rVB	147977	204994	10.71%	1.052%
2	6.851	653	657	666	rVB	34530	56038	2.93%	0.288%
3	7.016	682	685	691	rVB2	24390	36829	1.92%	0.189%
4	7.204	713	717	723	rVB2	34783	57299	2.99%	0.294%
5	7.675	791	797	805	rVB	214563	339360	17.73%	1.742%
6	8.386	914	918	926	rVB2	28934	47232	2.47%	0.242%
7	8.845	991	996	1003	rVB	28780	48041	2.51%	0.247%
8	9.557	1113	1117	1123	rVB2	23435	35560	1.86%	0.183%
9	10.092	1203	1208	1215	rVB	33555	56228	2.94%	0.289%
10	10.469	1265	1272	1278	rBV	249643	412240	21.54%	2.116%
11	10.522	1278	1281	1287	rVB3	10741	15209	0.79%	0.078%
12	10.622	1293	1298	1305	rVB2	15837	27617	1.44%	0.142%
13	12.139	1550	1556	1561	rVB	13927	21168	1.11%	0.109%
14	12.363	1587	1594	1599	rBV	12080	19760	1.03%	0.101%
15	13.645	1808	1812	1818	rVV2	22045	42823	2.24%	0.220%
16	13.704	1818	1822	1825	rVV	13650	20876	1.09%	0.107%
17	13.745	1825	1829	1833	rVV	66939	91971	4.81%	0.472%
18	13.792	1833	1837	1843	rVB	22256	30423	1.59%	0.156%
19	13.886	1850	1853	1856	rBV4	9532	13853	0.72%	0.071%
20	14.027	1872	1877	1880	rBV	74397	112573	5.88%	0.578%
21	14.210	1906	1908	1915	rVB4	20773	34992	1.83%	0.180%
22	14.333	1922	1929	1935	rBV2	362567	540023	28.22%	2.772%
23	14.398	1935	1940	1948	rVB	54444	79470	4.15%	0.408%
24	14.733	1991	1997	2006	rBV	57296	83132	4.34%	0.427%
25	14.951	2028	2034	2038	rBV3	7717	13049	0.68%	0.067%
26	15.121	2057	2063	2067	rBV6	8403	17148	0.90%	0.088%
27	15.327	2090	2098	2103	rVV	88147	132528	6.92%	0.680%
28	15.386	2103	2108	2116	rVV	74852	116673	6.10%	0.599%
29	15.474	2120	2123	2126	rBV4	13441	16920	0.88%	0.087%
30	15.509	2126	2129	2132	rVV	11356	14664	0.77%	0.075%
31	15.545	2132	2135	2140	rVV2	11312	15695	0.82%	0.081%
32	15.680	2153	2158	2165	rVB2	27927	42001	2.19%	0.216%
33	15.827	2179	2183	2191	rVB	31783	61198	3.20%	0.314%
34	16.392	2268	2279	2283	rVV5	24230	50729	2.65%	0.260%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020509.D
Acq On : 23 May 2019 09:54
Operator : JU/SJ
Sample : K2925-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297DL

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	16.439	2283	2287	2292	rVV4	12869	19974	1.04%	0.103%
36	16.539	2300	2304	2309	rVV4	9481	15426	0.81%	0.079%
37	16.615	2309	2317	2320	rVV6	20877	38668	2.02%	0.198%
38	16.656	2320	2324	2328	rVV3	24348	36103	1.89%	0.185%
39	16.751	2334	2340	2344	rVV2	32720	53742	2.81%	0.276%
40	16.815	2346	2351	2357	rVV	20756	41934	2.19%	0.215%
41	16.909	2363	2367	2378	rVV	42841	67406	3.52%	0.346%
42	17.086	2392	2397	2401	rBV	451739	676841	35.36%	3.474%
43	17.133	2401	2405	2410	rVV	824591	1133155	59.21%	5.816%
44	17.186	2410	2414	2417	rVV2	109330	167008	8.73%	0.857%
45	17.221	2417	2420	2425	rVV	203668	277735	14.51%	1.425%
46	17.280	2428	2430	2436	rVV2	16047	27439	1.43%	0.141%
47	17.503	2460	2468	2475	rBV3	50417	112099	5.86%	0.575%
48	17.603	2481	2485	2492	rBV2	21870	31397	1.64%	0.161%
49	17.674	2492	2497	2503	rVB5	15236	31335	1.64%	0.161%
50	17.962	2539	2546	2550	rVV2	137784	212810	11.12%	1.092%
51	18.009	2550	2554	2560	rVV	158048	221528	11.57%	1.137%
52	18.092	2563	2568	2573	rVV	78467	109590	5.73%	0.562%
53	18.162	2573	2580	2583	rVV3	159415	294147	15.37%	1.510%
54	18.198	2583	2586	2592	rVB	78823	107048	5.59%	0.549%
55	18.274	2594	2599	2603	rBV5	12902	19681	1.03%	0.101%
56	18.321	2603	2607	2610	rBV5	10075	13913	0.73%	0.071%
57	18.415	2619	2623	2627	rBV5	9575	15909	0.83%	0.082%
58	18.468	2627	2632	2636	rVV	91524	128117	6.69%	0.658%
59	18.521	2636	2641	2645	rVV2	45732	63741	3.33%	0.327%
60	18.715	2670	2674	2679	rVV4	29118	43983	2.30%	0.226%
61	18.762	2679	2682	2685	rVB	28413	30328	1.58%	0.156%
62	18.803	2685	2689	2692	rVB2	29111	36067	1.88%	0.185%
63	18.886	2697	2703	2707	rBV	75784	133350	6.97%	0.684%
64	18.956	2711	2715	2717	rVV4	36900	57700	3.01%	0.296%
65	18.980	2717	2719	2722	rVB	32897	30827	1.61%	0.158%
66	19.039	2722	2729	2737	rVB3	68783	141501	7.39%	0.726%
67	19.156	2742	2749	2755	rBV	1314735	1774809	92.73%	9.109%
68	19.215	2755	2759	2762	rVB2	22670	28394	1.48%	0.146%
69	19.256	2762	2766	2770	rBV3	53705	77045	4.03%	0.395%
70	19.303	2771	2774	2778	rVB	38873	51460	2.69%	0.264%
71	19.362	2778	2784	2786	rBV7	16788	32231	1.68%	0.165%

LSC Area Percent Report

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Data File : BM020509.D
Acq On : 23 May 2019 09:54
Operator : JU/SJ
Sample : K2925-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297DL

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	19.403	2786	2791	2793	rBV	31490	48721	2.55%	0.250%
73	19.486	2800	2805	2807	rBV2	350065	488367	25.52%	2.506%
74	19.521	2807	2811	2819	rVV	1074756	1529603	79.92%	7.850%
75	19.592	2819	2823	2829	rVB2	83352	130696	6.83%	0.671%
76	19.697	2829	2841	2846	rBV	89476	165307	8.64%	0.848%
77	19.768	2848	2853	2860	rVB	45411	81609	4.26%	0.419%
78	19.844	2860	2866	2873	rBV3	95923	244857	12.79%	1.257%
79	19.903	2874	2876	2879	rBV2	18443	25056	1.31%	0.129%
80	19.980	2883	2889	2892	rBV5	82485	174087	9.10%	0.893%
81	20.015	2892	2895	2901	rVB	157879	229191	11.97%	1.176%
82	20.115	2908	2912	2916	rBV	92851	124683	6.51%	0.640%
83	20.174	2916	2922	2926	rVV2	128650	229341	11.98%	1.177%
84	20.256	2932	2936	2941	rBV3	35648	58755	3.07%	0.302%
85	20.315	2941	2946	2949	rBV	68618	101695	5.31%	0.522%
86	20.362	2950	2954	2958	rVV2	66594	90822	4.75%	0.466%
87	20.450	2966	2969	2971	rBV4	21158	28317	1.48%	0.145%
88	20.768	3019	3023	3028	rBV	133464	182872	9.55%	0.939%
89	20.933	3047	3051	3054	rBV2	80766	117783	6.15%	0.605%
90	20.974	3054	3058	3061	rVV	123269	179555	9.38%	0.922%
91	21.015	3061	3065	3070	rVV2	81703	164987	8.62%	0.847%
92	21.068	3071	3074	3084	rVB	146823	210784	11.01%	1.082%
93	21.280	3104	3110	3115	rBV2	954532	1913941	100.00%	9.823%
94	21.327	3115	3118	3126	rVB	569070	707650	36.97%	3.632%
95	21.438	3135	3137	3143	rVB	63481	75007	3.92%	0.385%
96	21.838	3201	3205	3210	rVB	136519	191704	10.02%	0.984%
97	22.862	3374	3379	3384	rBV	415838	936733	48.94%	4.808%
98	23.344	3457	3461	3465	rBV	184761	313167	16.36%	1.607%
99	23.438	3473	3477	3485	rVB	382386	700647	36.61%	3.596%
100	23.538	3489	3494	3499	rBV	440837	775579	40.52%	3.981%

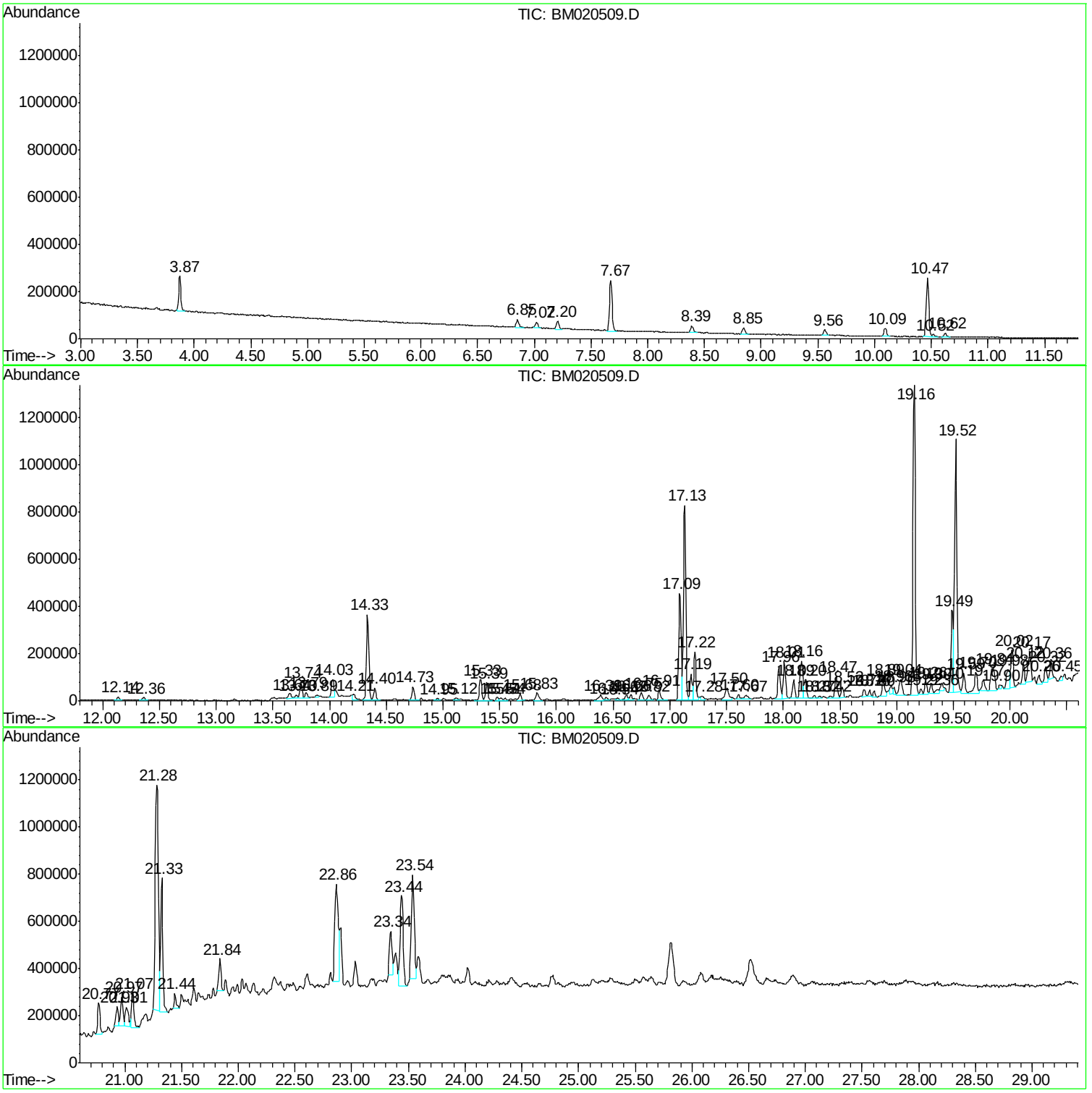
Sum of corrected areas: 19484273

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020509.D
Acq On : 23 May 2019 09:54
Operator : JU/SJ
Sample : K2925-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297DL

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020509.D
Acq On : 23 May 2019 09:54
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Sample : K2925-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297DL

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

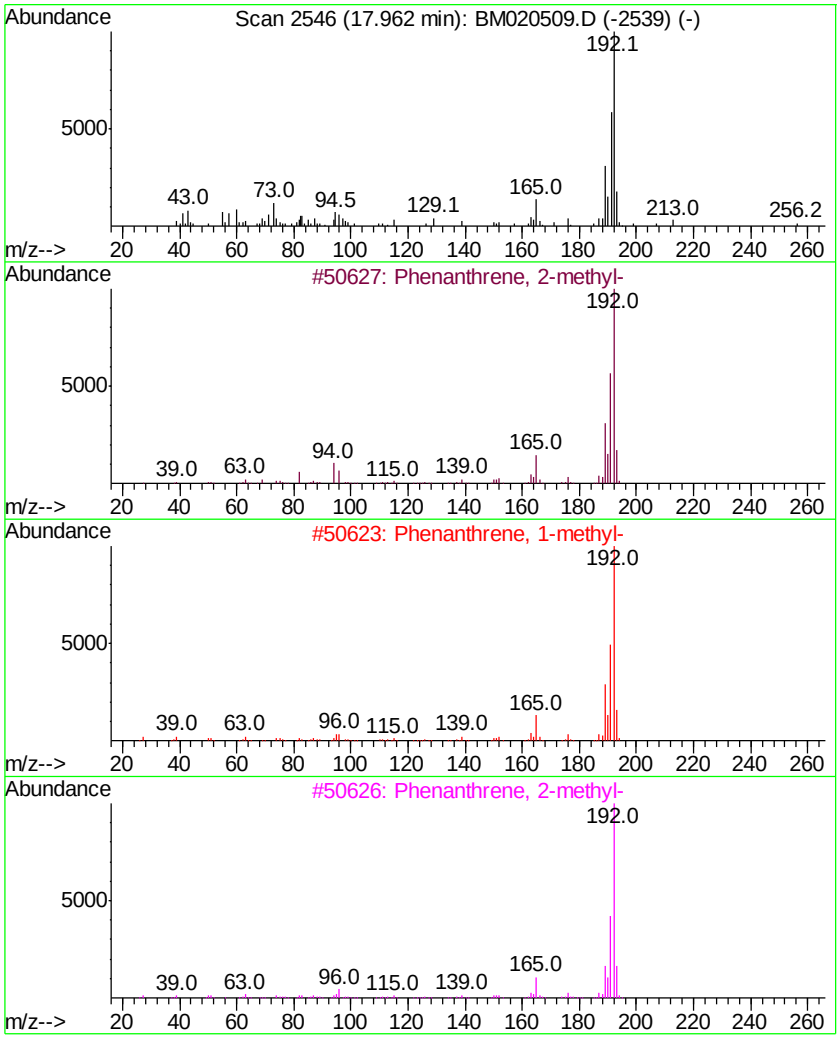
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

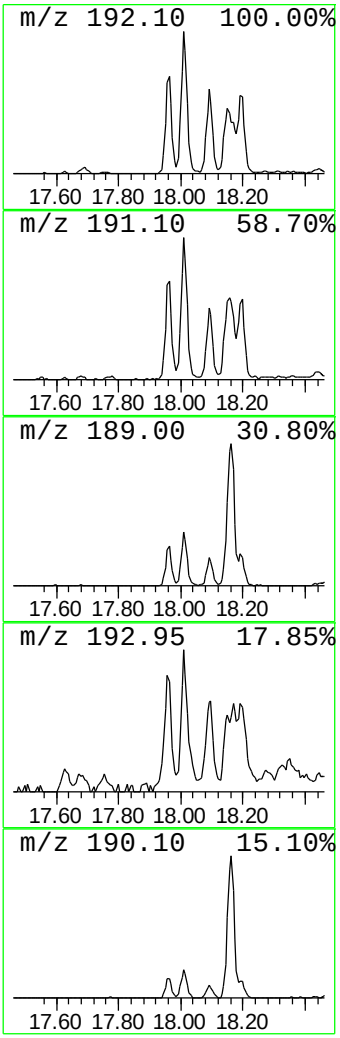
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	6.29 ng/ul	212810	Phenanthrene-d10	17.09

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	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020509.D
Acq On : 23 May 2019 09:54
Operator : JU/SJ
Sample : K2925-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297DL

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

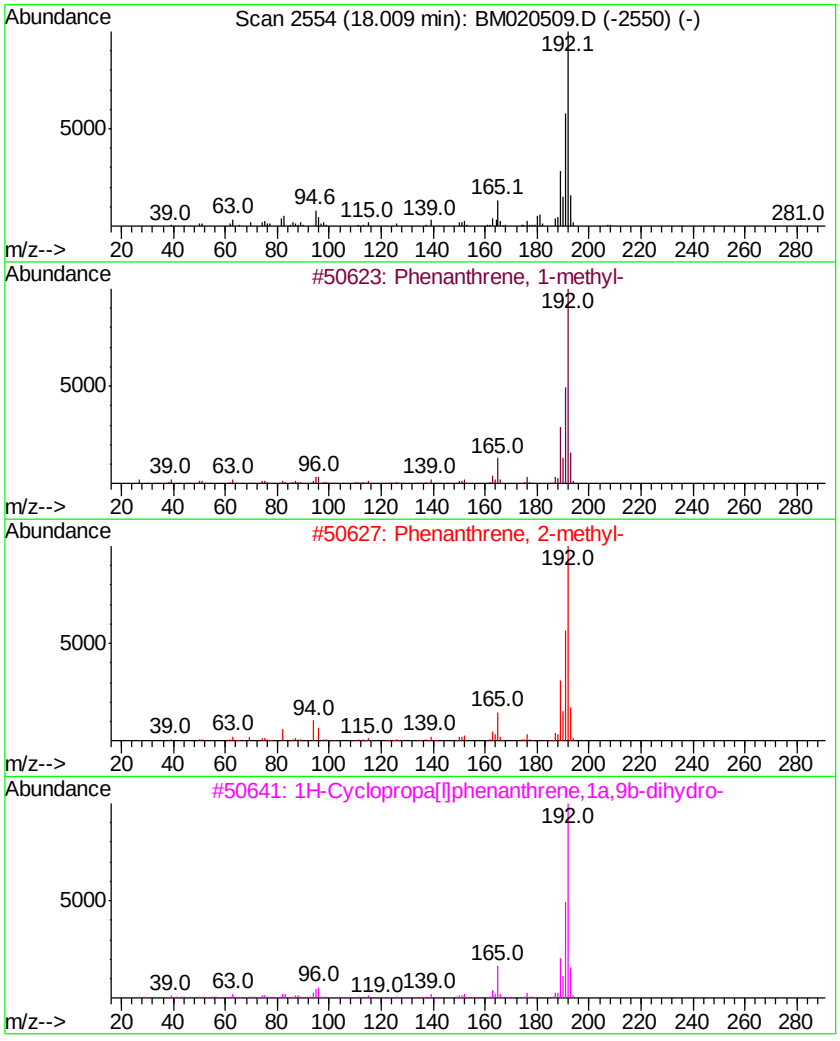
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

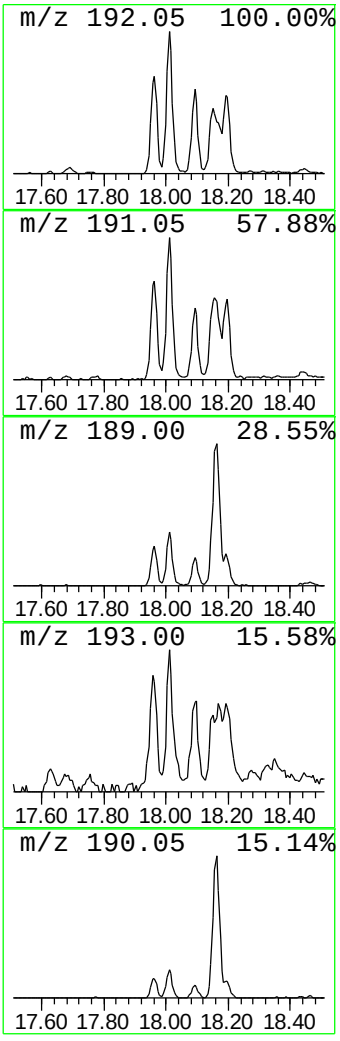
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	6.55 ng/ul	221528	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020509.D
Acq On : 23 May 2019 09:54
Operator : JU/SJ
Sample : K2925-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297DL

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

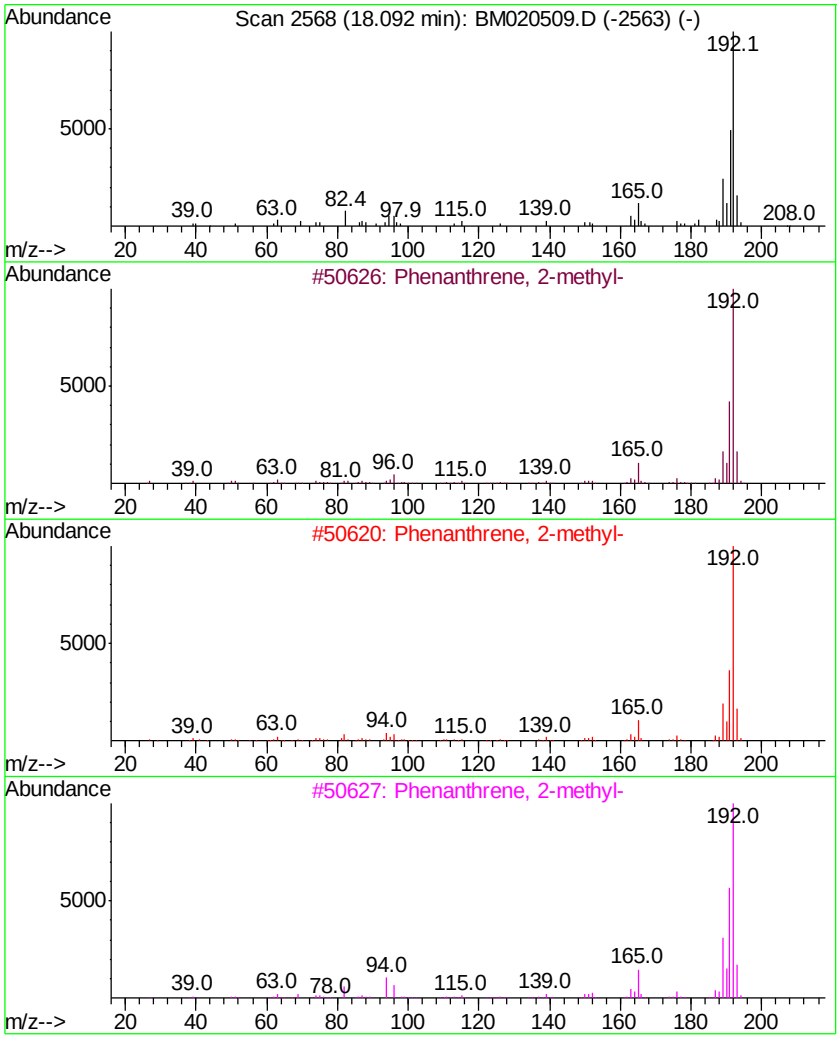
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

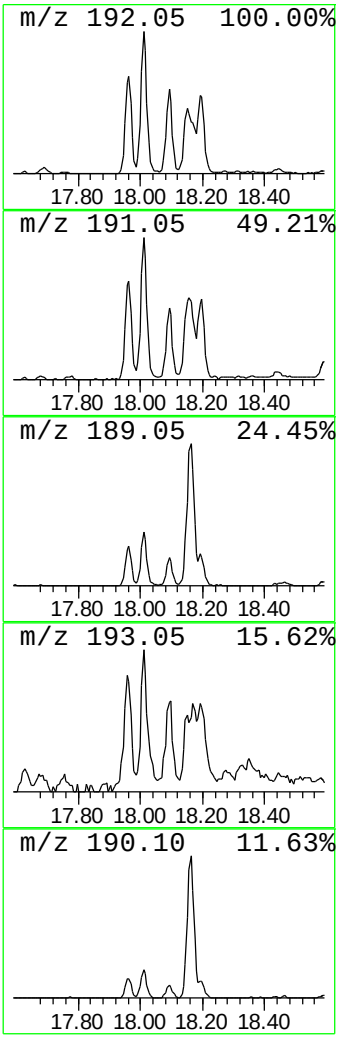
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	3.24 ng/ul	109590	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020509.D
Acq On : 23 May 2019 09:54
Operator : JU/SJ
Sample : K2925-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297DL

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

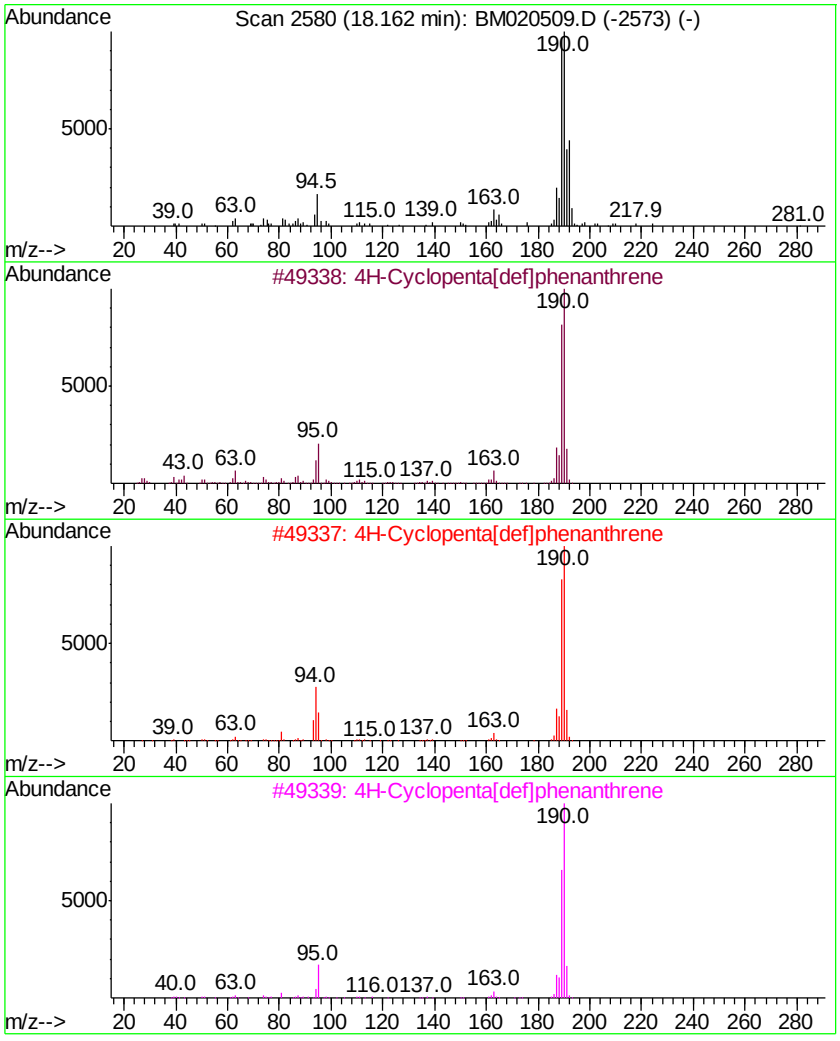
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

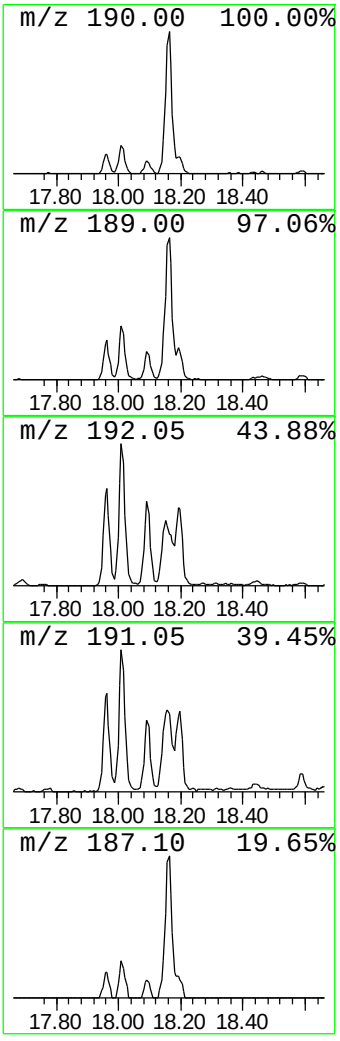
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	8.69 ng/ul	294147	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020509.D
Acq On : 23 May 2019 09:54
Operator : JU/SJ
Sample : K2925-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297DL

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

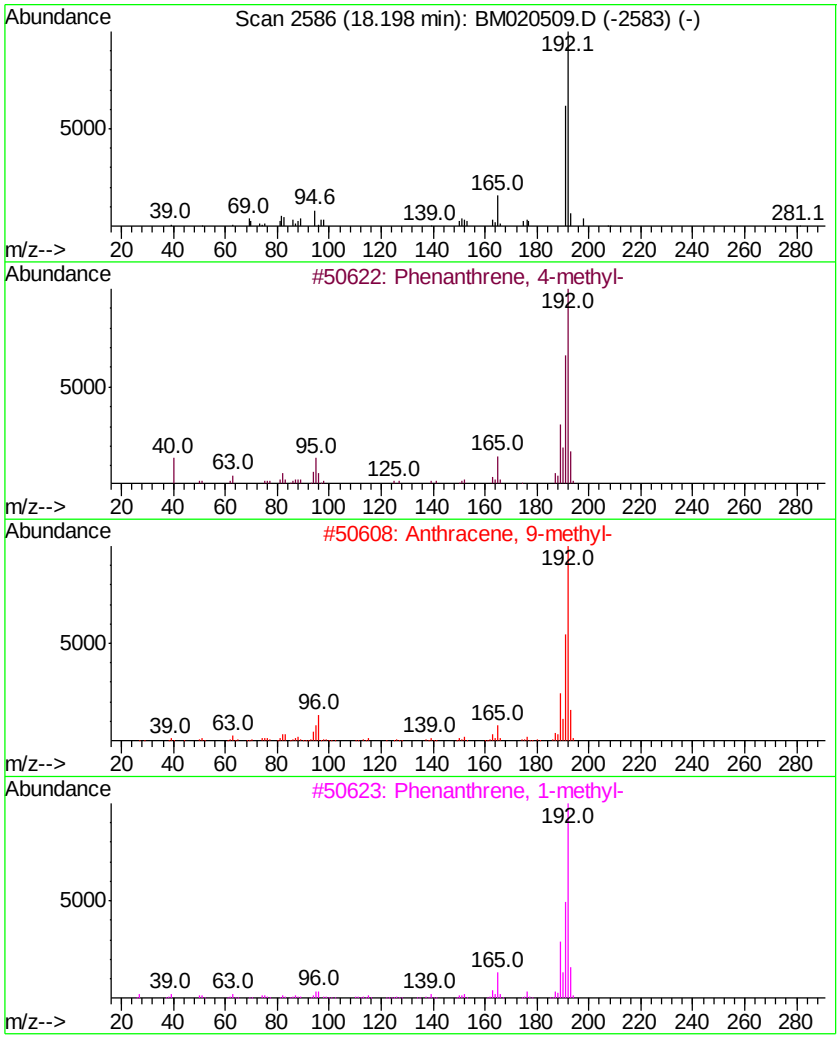
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

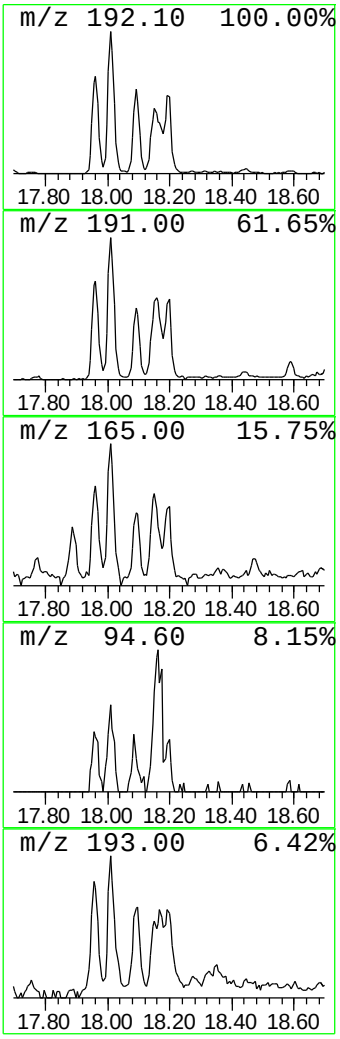
****

Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	3.16 ng/ul	107048	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72
4	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	72
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	72





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Data File : BM020509.D
Acq On : 23 May 2019 09:54
Operator : JU/SJ
Sample : K2925-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297DL

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

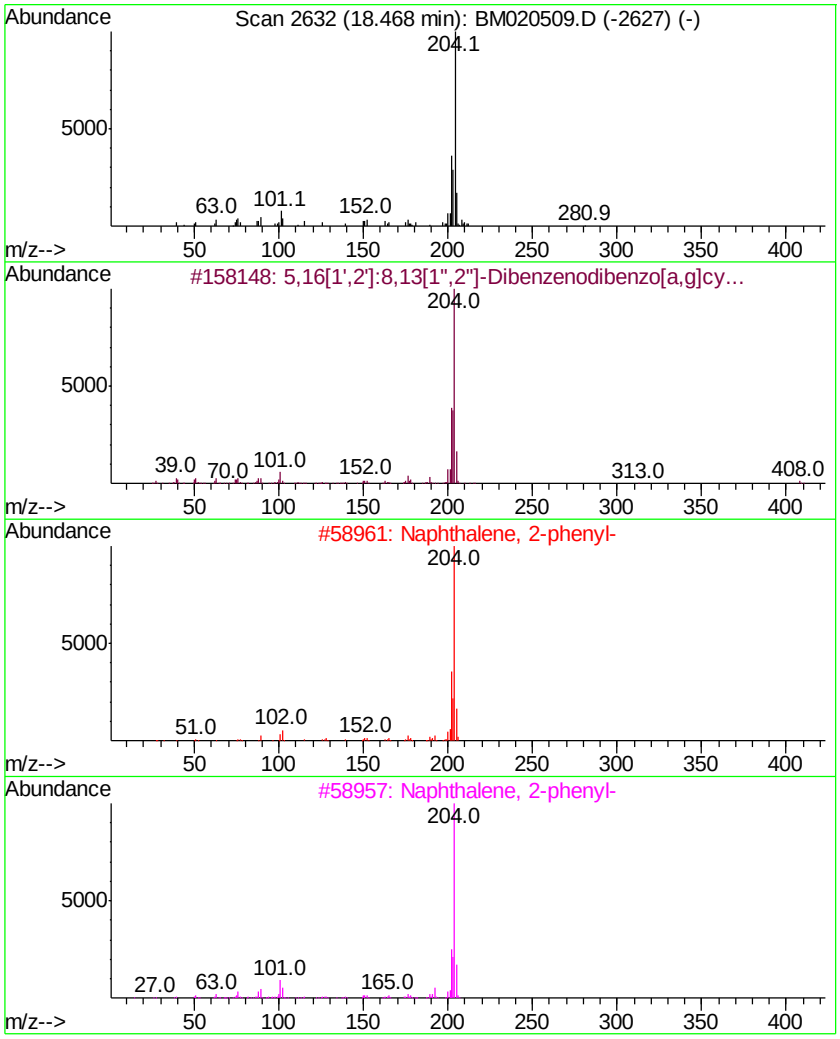
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

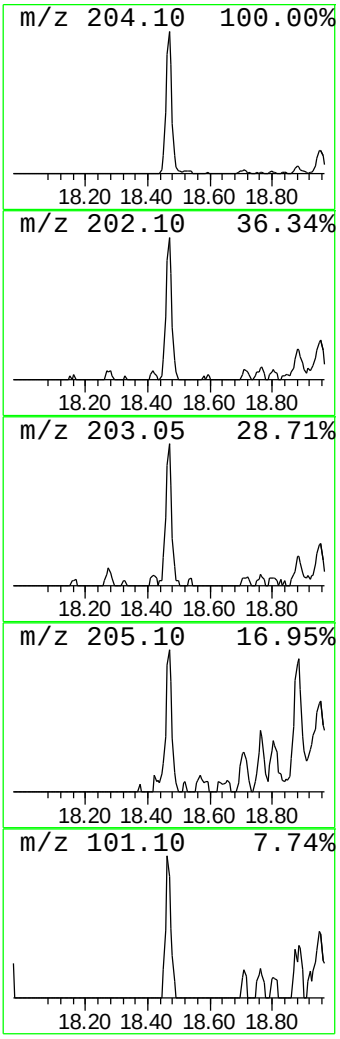
****

Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	3.79 ng/ul	128117	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	2-Phenylnaphthalene	204	C16H12	035465-71-5	76
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74





Library Search Compound Report

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Data File : BM020509.D
Acq On : 23 May 2019 09:54
Operator : JU/SJ
Sample : K2925-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297DL

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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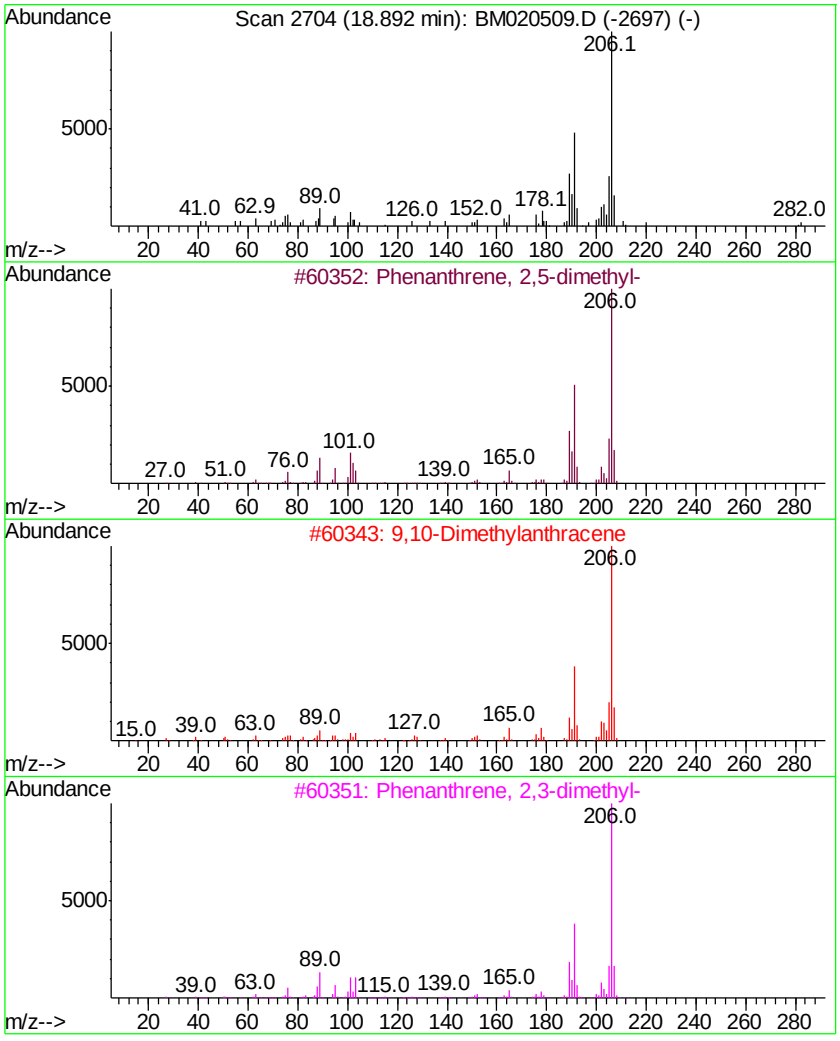
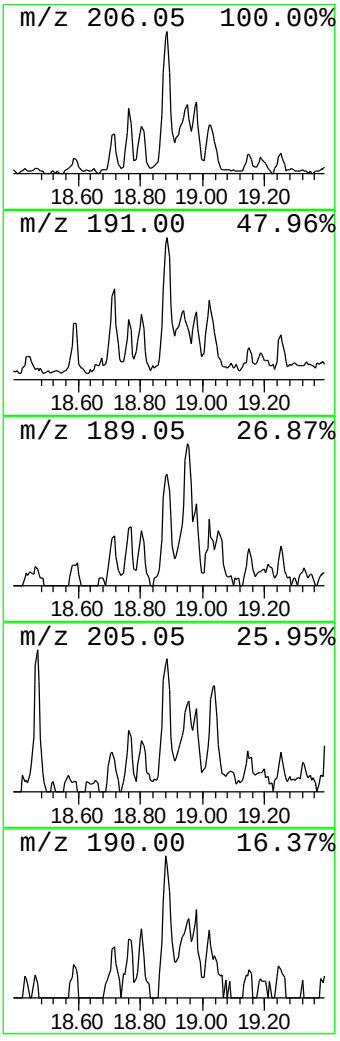
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	3.94 ng/ul	133350	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	81





Library Search Compound Report

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Data File : BM020509.D
Acq On : 23 May 2019 09:54
Operator : JU/SJ
Sample : K2925-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297DL

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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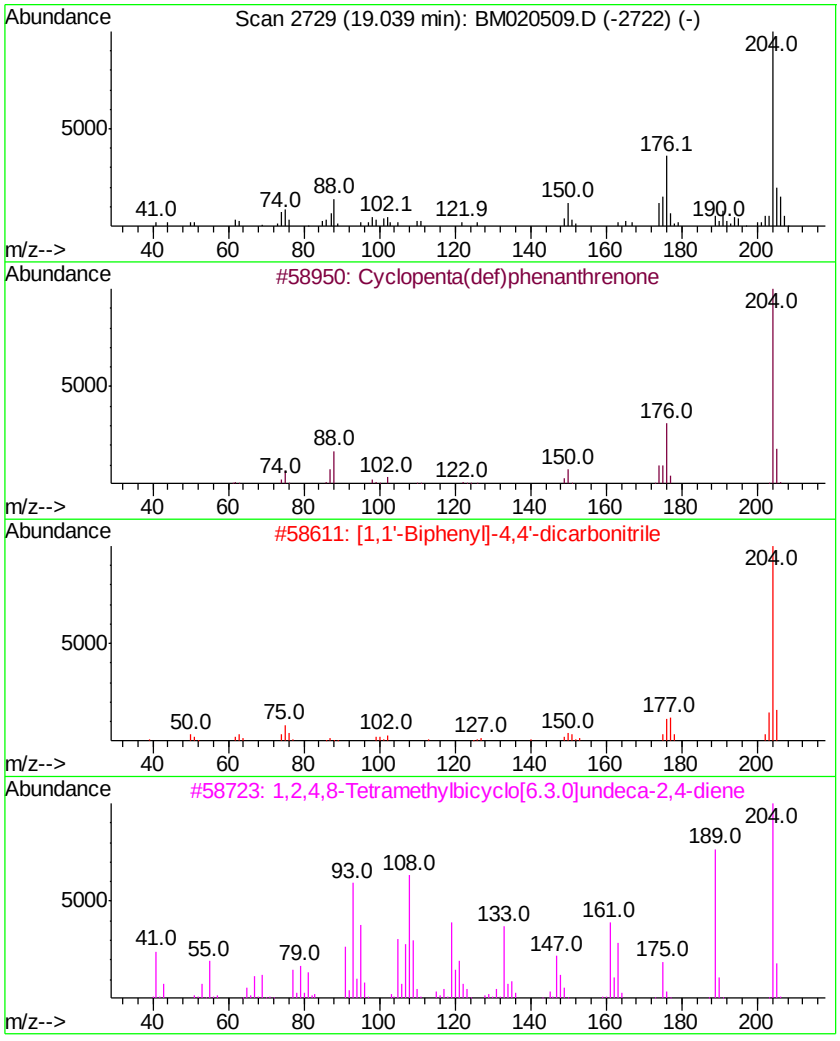
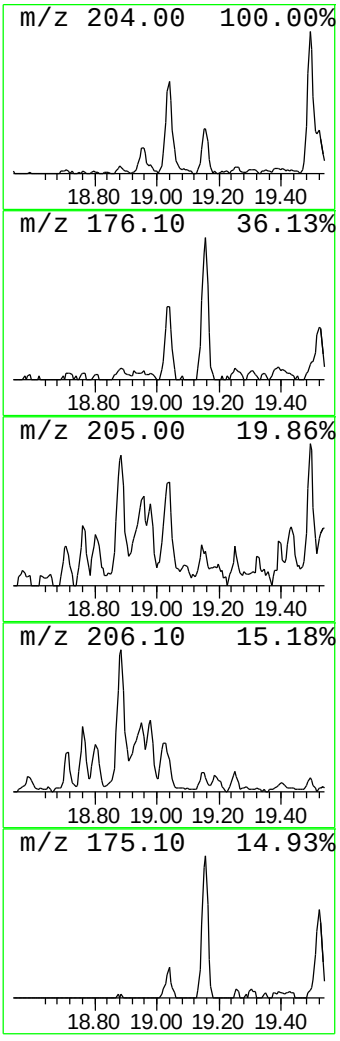
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	4.18 ng/ul	141501	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
4	Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	47
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47





Library Search Compound Report

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Data File : BM020509.D
Acq On : 23 May 2019 09:54
Operator : JU/SJ
Sample : K2925-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297DL

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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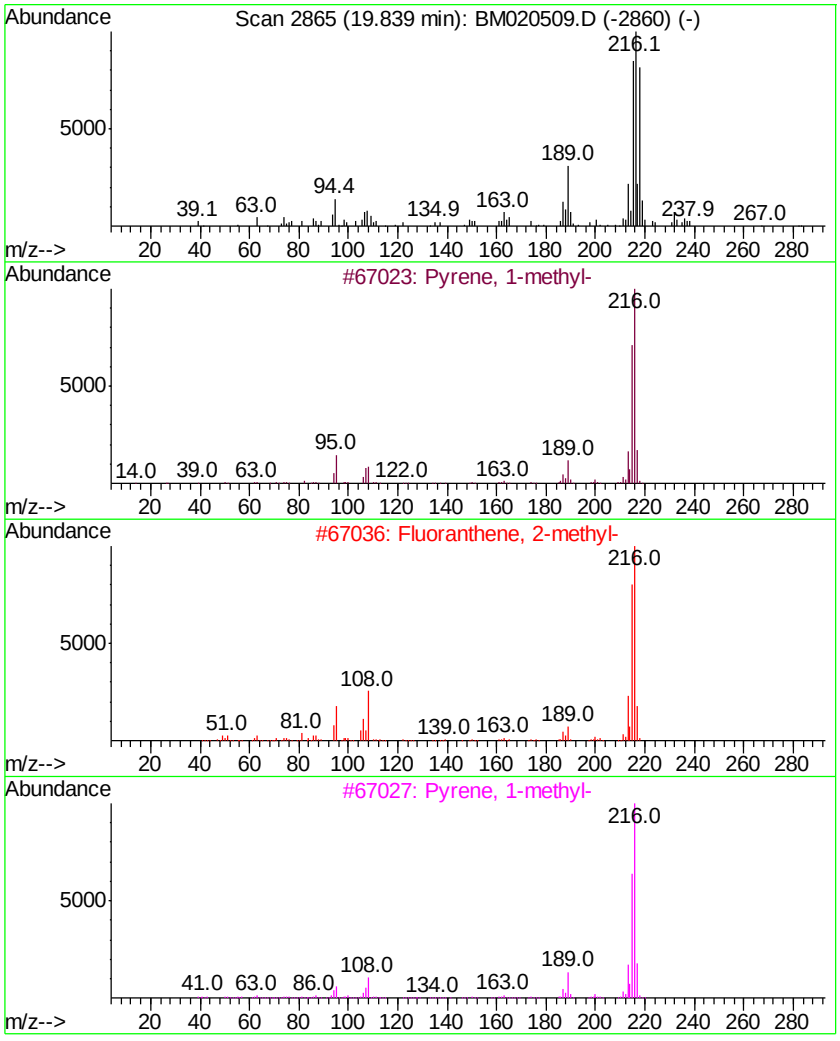
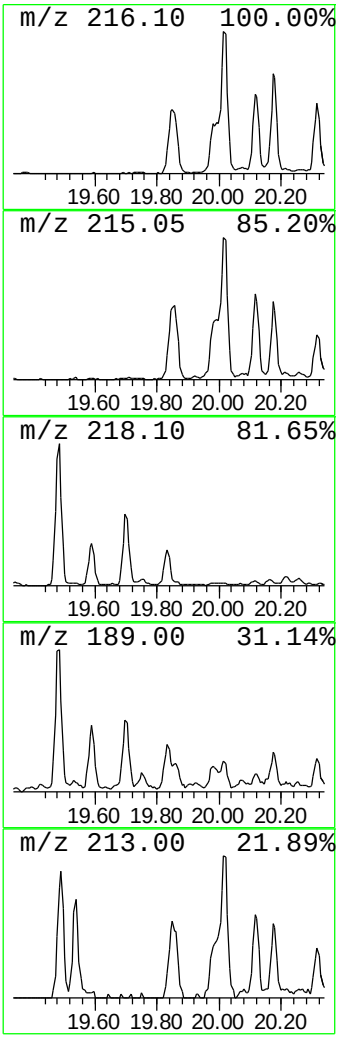
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	2.56 ng/ul	244857	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Data File : BM020509.D
Acq On : 23 May 2019 09:54
Operator : JU/SJ
Sample : K2925-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297DL

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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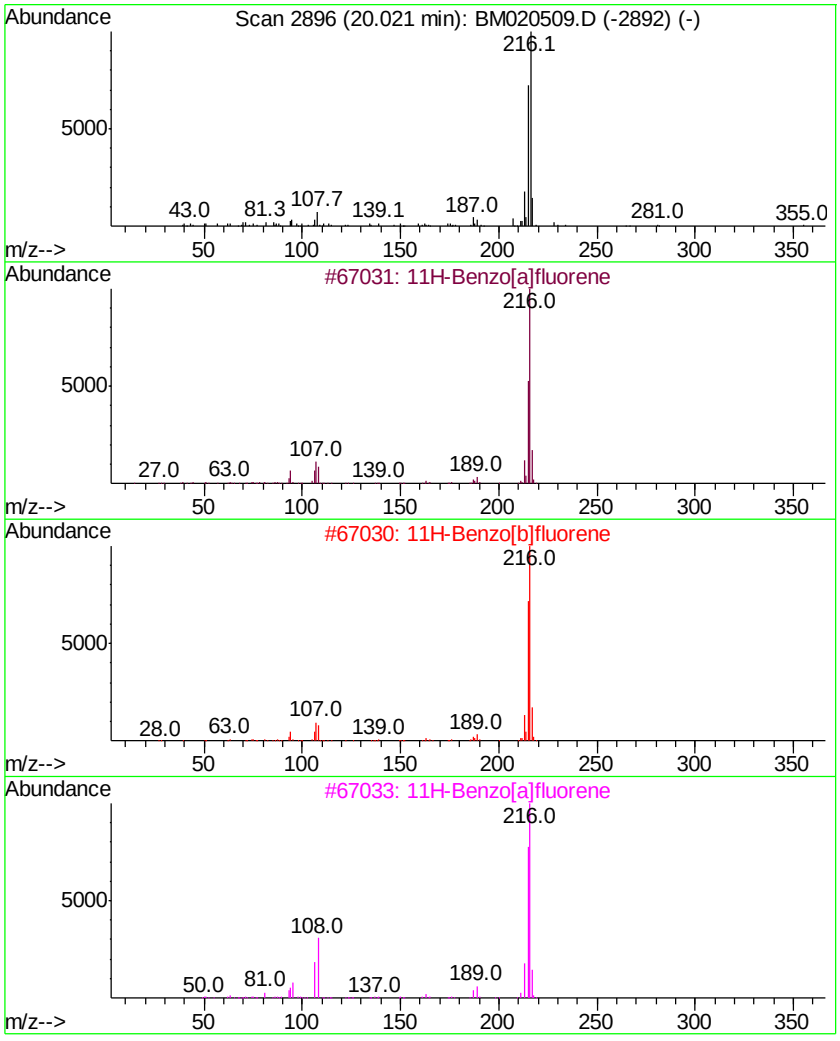
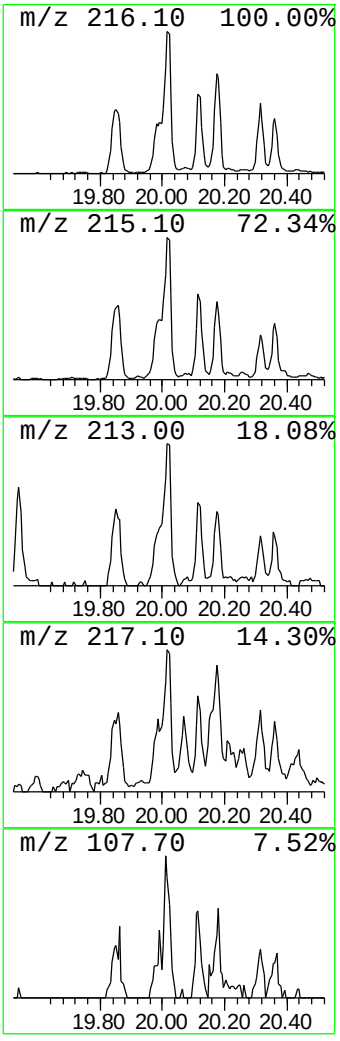
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	2.39 ng/ul	229191	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	81





Library Search Compound Report

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Acq On : 23 May 2019 09:54
Operator : JU/SJ
Sample : K2925-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297DL

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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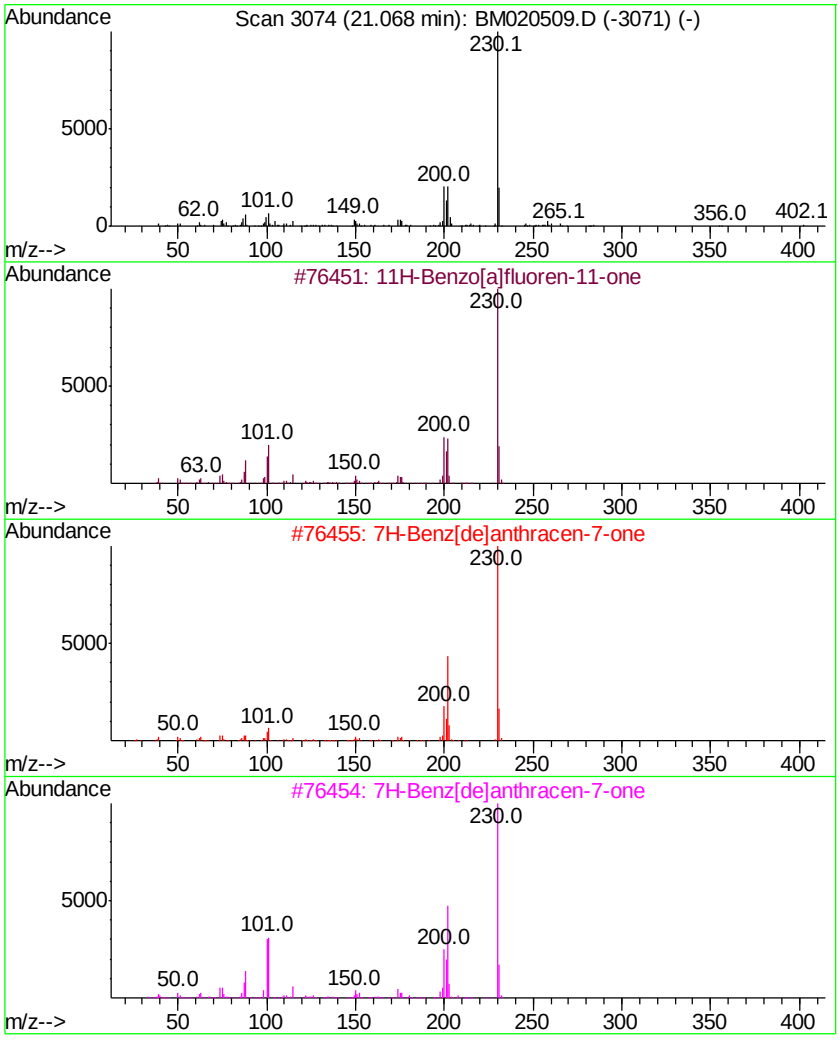
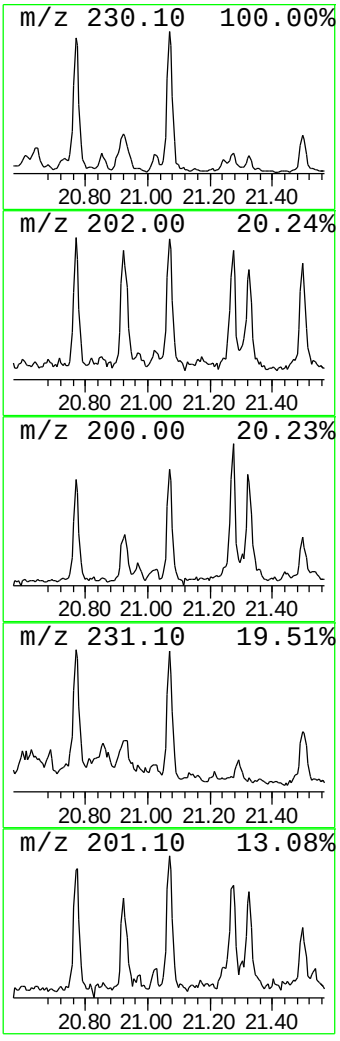
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	2.20 ng/ul	210784	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
4	4-Chloro-indeno[1,2-b]pyridin-5-...	230	C12H7ClN2O	1000294-18-6	64
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58





Library Search Compound Report

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Operator : JU/SJ
Sample : K2925-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297DL

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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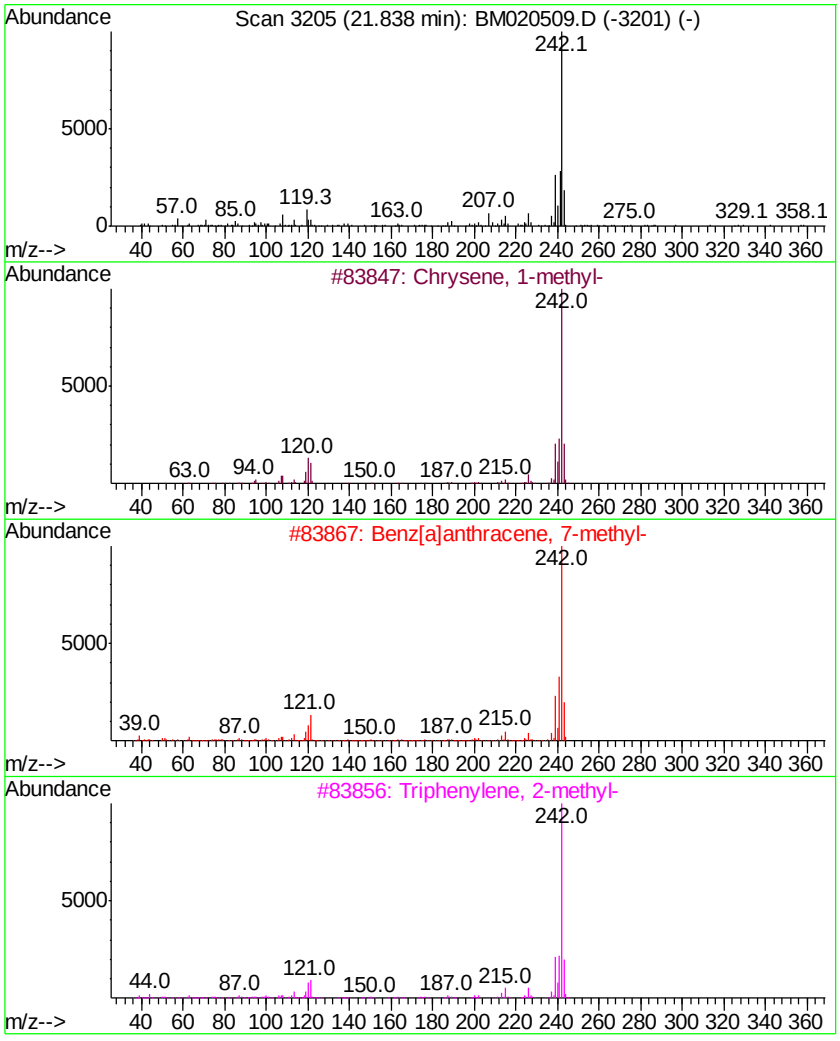
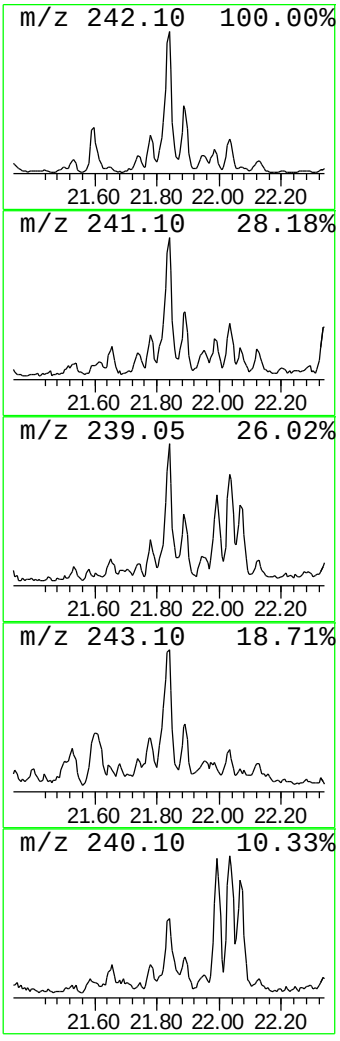
Peak Number 14 Chrysene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	2.00 ng/ul	191704	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	90
5	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	89





Tentatively Identified Compound (LSC) summary

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Sample : K2925-12DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4297DL

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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
Phenanthrene, 2-m...	17.96	6.3	ng/ul	212810	4	17.09	676841	20.0
Phenanthrene, 1-m...	18.01	6.5	ng/ul	221528	4	17.09	676841	20.0
Anthracene, 2-met...	18.09	3.2	ng/ul	109590	4	17.09	676841	20.0
4H-Cyclopenta[def...	18.16	8.7	ng/ul	294147	4	17.09	676841	20.0
Phenanthrene, 4-m...	18.20	3.2	ng/ul	107048	4	17.09	676841	20.0
5,16[1',2']:8,13[...	18.47	3.8	ng/ul	128117	4	17.09	676841	20.0
Phenanthrene, 2,5...	18.89	3.9	ng/ul	133350	4	17.09	676841	20.0
Cyclopenta(def)ph...	19.04	4.2	ng/ul	141501	4	17.09	676841	20.0
Pyrene, 1-methyl-	19.84	2.6	ng/ul	244857	5	21.29	1913940	20.0
11H-Benzo[a]fluorene	20.02	2.4	ng/ul	229191	5	21.29	1913940	20.0
11H-Benzo[a]fluor...	21.07	2.2	ng/ul	210784	5	21.29	1913940	20.0
Chrysene, 1-methyl-	21.84	2.0	ng/ul	191704	5	21.29	1913940	20.0