LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023331.D
Acq On : 22 Oct 2019 22:32
Operator : JU
Sample : K5354-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB89

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-BM101419MA.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	3.169	28	31	39	rVB	64775	90038	0.84%	0.075%
2	3.675	113	117	123	rVB	77587	110087	1.03%	0.092%
3	3.805	134	139	145	rVB2	58053	100475	0.94%	0.084%
4	3.887	149	153	160	rVB2	41550	64113	0.60%	0.054%
5	4.799	305	308	314	rVB	20995	28389	0.27%	0.024%
6	4.899	319	325	330	rBV9	14165	29724	0.28%	0.025%
7	5.663	450	455	459	rBV2	24997	46678	0.44%	0.039%
8	5.781	470	475	481	rBV10	12462	29644	0.28%	0.025%
9	6.328	562	568	574	rVB10	16388	32725	0.31%	0.027%
10	6.663	615	625	628	rBV8	17198	37400	0.35%	0.031%
11	6.822	643	652	669	rVB	1086210	1960952	18.33%	1.642%
12	6.987	674	680	690	rBV	800962	1272422	11.89%	1.066%
13	7.181	706	713	722	rBV	1139221	1818582	17.00%	1.523%
14	7.310	728	735	742	rBV5	46928	116564	1.09%	0.098%
15	7.646	786	792	802	rBV	1397895	2191247	20.48%	1.835%
16	8.181	879	883	890	rBV4	23088	46958	0.44%	0.039%
17	8.357	905	913	921	rBV	1260042	2047094	19.13%	1.714%
18	8.469	927	932	939	rVB	33291	55186	0.52%	0.046%
19	8.793	979	987	995	rVB	1000144	1635560	15.29%	1.370%
20	8.893	999	1004	1007	rVV3	24424	41194	0.39%	0.034%
21	8.922	1007	1009	1014	rVV5	22062	31882	0.30%	0.027%
22	8.975	1014	1018	1023	rVV8	13821	28646	0.27%	0.024%
23	9.275	1064	1069	1073	rVB3	24789	38432	0.36%	0.032%
24	9.510	1103	1109	1117	rBV	806551	1359909	12.71%	1.139%
25	9.863	1162	1169	1171	rBV7	19747	35801	0.33%	0.030%
26	10.051	1186	1201	1211	rBV	1364464	2341304	21.88%	1.961%
27	10.139	1212	1216	1221	rVB8	14326	26966	0.25%	0.023%
28	10.428	1256	1265	1270	rVV	1872457	3136064	29.31%	2.626%
29	10.475	1270	1273	1280	rVV	295219	467934	4.37%	0.392%
30	10.563	1281	1288	1296	rVV	339213	653125	6.10%	0.547%
31	10.616	1296	1297	1302	rVB4	27907	34986	0.33%	0.029%
32	11.486	1439	1445	1453	rBV5	30135	74817	0.70%	0.063%
33	11.628	1465	1469	1473	rBV6	13016	26516	0.25%	0.022%
34	11.886	1506	1513	1516	rVV6	28429	55248	0.52%	0.046%

LSC Area Percent Report

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Sample : K5354-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB89

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-BM101419MA.M
Title : SVOA CALIBRATION

35	11.963	1519	1526	1530	rVV9	34651	87170	0.81%	0.073%
36	12.022	1532	1536	1543	rVB4	35693	53244	0.50%	0.045%
37	12.098	1543	1549	1556	rVB2	82189	154558	1.44%	0.129%
38	12.316	1582	1586	1591	rBV2	37028	57396	0.54%	0.048%
39	12.728	1649	1656	1662	rVV2	16504	45074	0.42%	0.038%
40	12.851	1674	1677	1683	rVV3	28769	46213	0.43%	0.039%
41	13.128	1719	1724	1726	rBV2	30967	53755	0.50%	0.045%
42	13.457	1775	1780	1787	rVB5	33979	79499	0.74%	0.067%
43	13.533	1789	1793	1796	rBV4	29827	42408	0.40%	0.036%
44	13.616	1803	1807	1812	rVV2	60974	103628	0.97%	0.087%
45	13.669	1812	1816	1817	rVV4	33467	42413	0.40%	0.036%
46	13.710	1817	1823	1827	rVV	2368531	3290069	30.75%	2.755%
47	13.757	1827	1831	1837	rVV	1148583	1629793	15.23%	1.365%
48	13.810	1837	1840	1843	rVV2	43715	61897	0.58%	0.052%
49	13.845	1843	1846	1856	rVB6	37341	71148	0.67%	0.060%
50	13.980	1862	1869	1886	rBV2	2657088	4864626	45.47%	4.074%
51	14.133	1892	1895	1905	rVB10	33651	68576	0.64%	0.057%
52	14.227	1905	1911	1914	rBV2	44081	71989	0.67%	0.060%
53	14.292	1914	1922	1929	rBV2	2820456	4253981	39.76%	3.562%
54	14.357	1929	1933	1937	rVB2	50451	69422	0.65%	0.058%
55	14.498	1951	1957	1968	rBV	763837	1258287	11.76%	1.054%
56	14.716	1986	1994	2000	rVB3	122630	284045	2.65%	0.238%
57	14.774	2000	2004	2009	rVB3	42584	69450	0.65%	0.058%
58	14.845	2013	2016	2021	rVB7	35701	56622	0.53%	0.047%
59	14.904	2021	2026	2033	rBV3	58388	155284	1.45%	0.130%
60	15.092	2055	2058	2061	rVB4	28236	38323	0.36%	0.032%
61	15.174	2066	2072	2076	rBV2	76962	133276	1.25%	0.112%
62	15.292	2085	2092	2097	rBV	3447891	5088919	47.57%	4.262%
63	15.345	2097	2101	2107	rVV2	61726	119661	1.12%	0.100%
64	15.410	2107	2112	2119	rVV	666276	931914	8.71%	0.780%
65	15.533	2129	2133	2136	rBV2	38493	70371	0.66%	0.059%
66	15.645	2147	2152	2154	rBV5	38160	62487	0.58%	0.052%
67	15.798	2174	2178	2184	rVB8	55163	106254	0.99%	0.089%
68	16.039	2212	2219	2221	rBV7	53659	119315	1.12%	0.100%
69	16.069	2222	2224	2228	rVB2	72090	82672	0.77%	0.069%
70	16.621	2314	2318	2325	rVB2	79235	115156	1.08%	0.096%
71	16.692	2327	2330	2338	rVB3	70640	122056	1.14%	0.102%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BFB89

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Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Title : SVOA CALIBRATION

72	17.039	2383	2389	2393	rBV2	3504416	4998683	46.72%	4.186%
73	17.080	2393	2396	2400	rVB	865303	1083823	10.13%	0.908%
74	17.139	2400	2406	2410	rBV	3755672	5648235	52.79%	4.730%
75	17.233	2419	2422	2429	rBV6	62320	103152	0.96%	0.086%
76	17.445	2455	2458	2462	rVB2	94972	116224	1.09%	0.097%
77	17.915	2535	2538	2542	rBV	177156	211822	1.98%	0.177%
78	17.962	2542	2546	2553	rVB	500112	715694	6.69%	0.599%
79	18.110	2566	2571	2575	rBV2	317467	550170	5.14%	0.461%
80	18.421	2621	2624	2627	rVV	151064	163163	1.53%	0.137%
81	18.457	2627	2630	2637	rVB3	137396	224830	2.10%	0.188%
82	18.674	2664	2667	2671	rVB2	150470	178379	1.67%	0.149%
83	18.839	2691	2695	2700	rBV2	366521	550422	5.14%	0.461%
84	18.980	2716	2719	2724	rBV5	139352	226111	2.11%	0.189%
85	19.104	2735	2740	2746	rVB	2614633	3500076	32.72%	2.931%
86	19.168	2748	2751	2755	rBV2	249827	348934	3.26%	0.292%
87	19.251	2762	2765	2770	rBV	321783	427871	4.00%	0.358%
88	19.439	2791	2797	2800	rBV	5256795	7943250	74.25%	6.652%
89	19.462	2800	2801	2810	rVB	2542253	2643492	24.71%	2.214%
90	19.962	2884	2886	2892	rVB	739526	974357	9.11%	0.816%
91	20.068	2900	2904	2908	rBV	536140	705758	6.60%	0.591%
92	20.968	3054	3057	3062	rBV	2066803	2395304	22.39%	2.006%
93	21.227	3095	3101	3105	rBV2	5842996	10698664	100.00%	8.959%
94	21.268	3105	3108	3116	rVB	2845825	3611129	33.75%	3.024%
95	21.856	3205	3208	3217	rVB3	1304172	2287597	21.38%	1.916%
96	22.780	3360	3365	3369	rBV	2794253	6039435	56.45%	5.057%
97	23.250	3441	3445	3448	rBV	1429707	2145169	20.05%	1.796%
98	23.297	3448	3453	3457	rVV	3578329	6143525	57.42%	5.145%
99	23.339	3457	3460	3470	rVB	2588531	4797086	44.84%	4.017%
100	23.433	3471	3476	3482	rBV	3212708	5955664	55.67%	4.987%

Sum of corrected areas: 119415632

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Data File : BM023331.D
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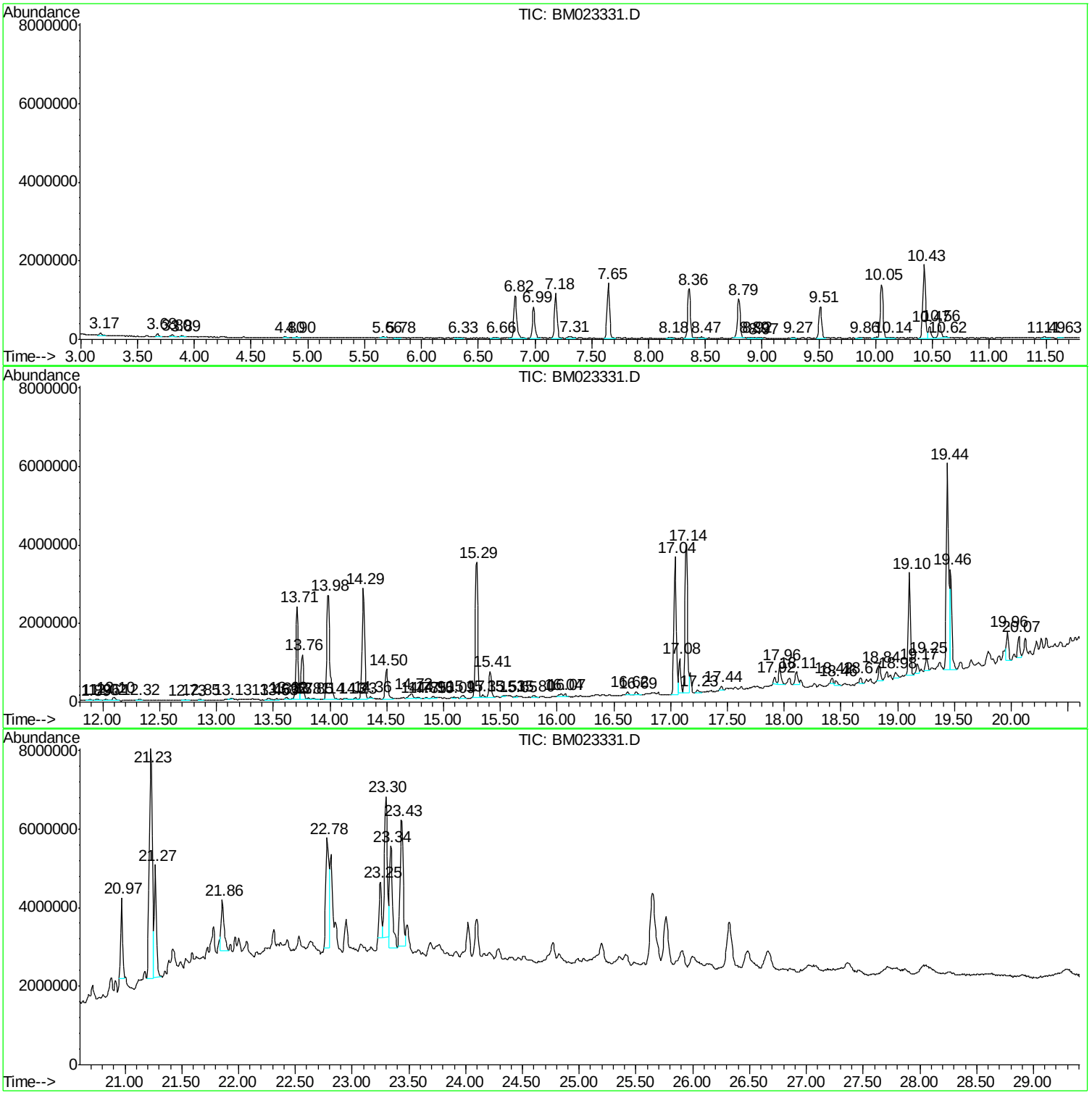
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB89

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Quant Title : SVOA CALIBRATION

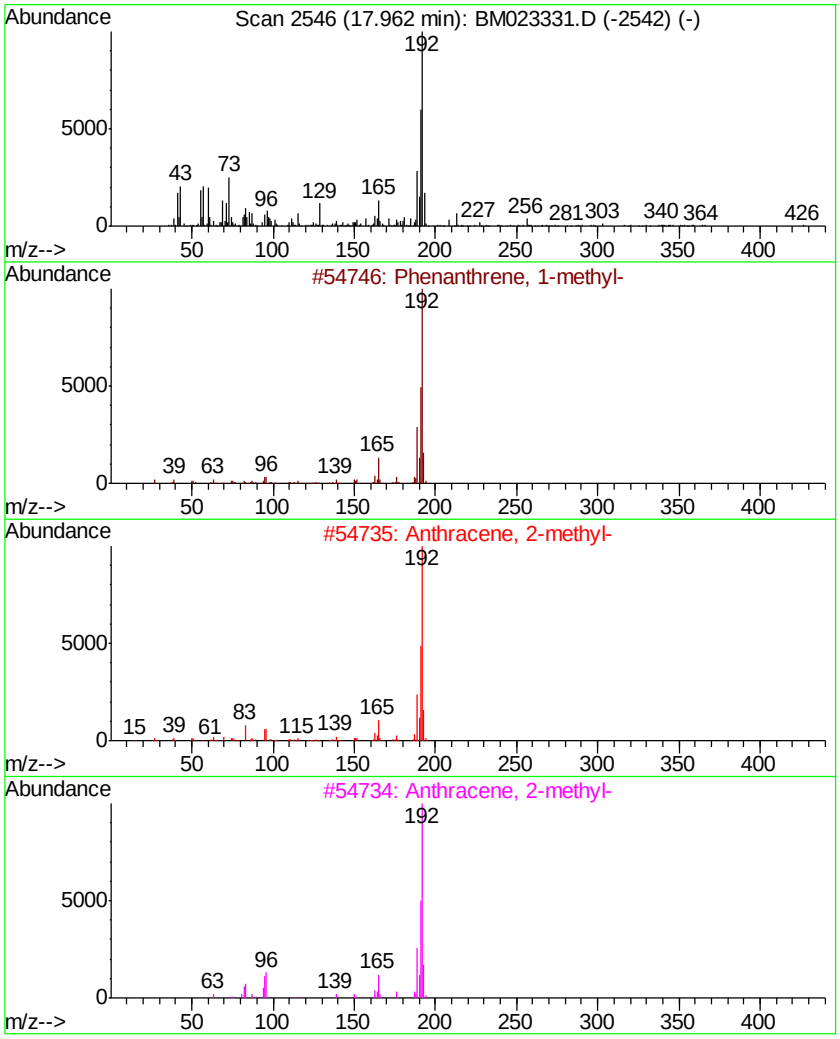
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

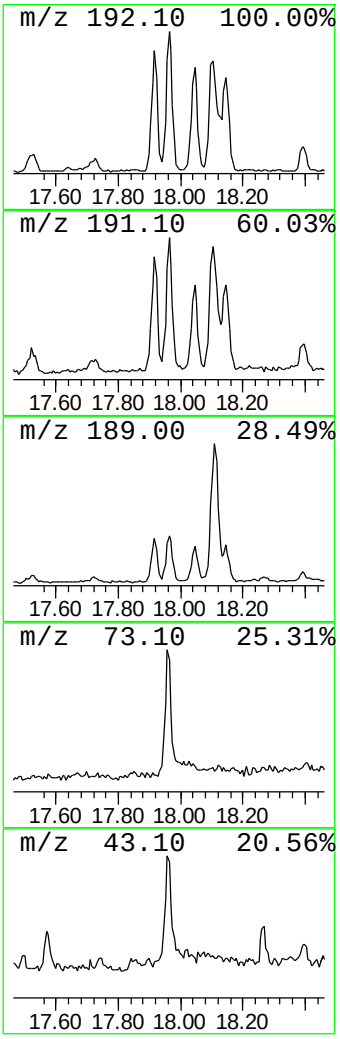
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.86 ng/ul	715694	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB89

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

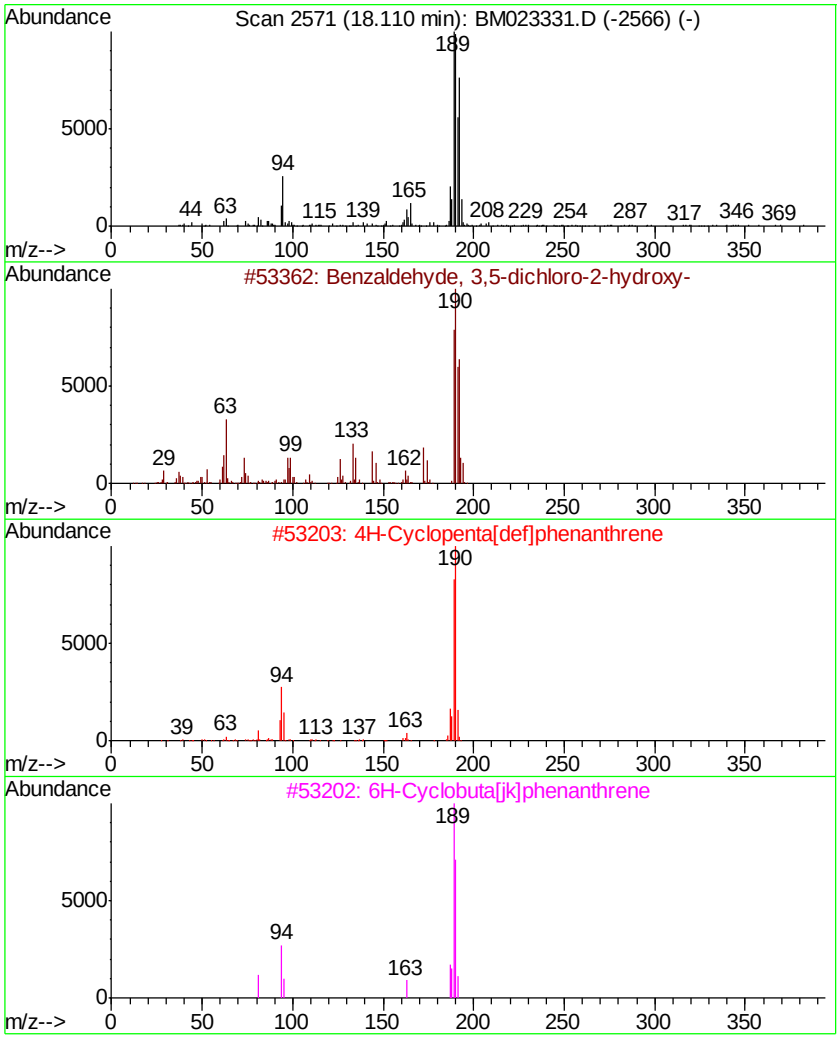
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

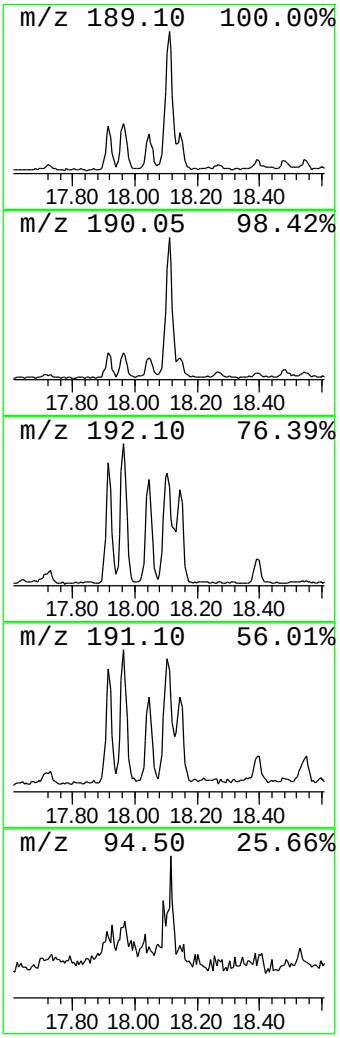
****

Peak Number 2 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	2.20 ng/ul	550170	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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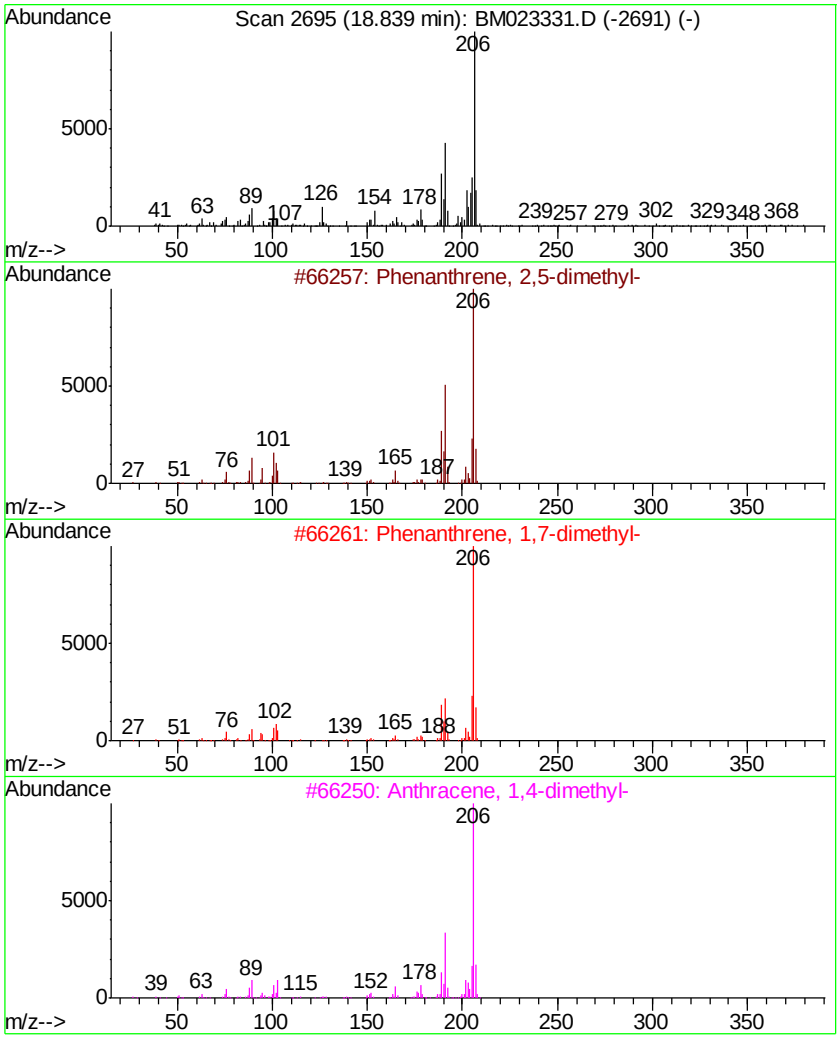
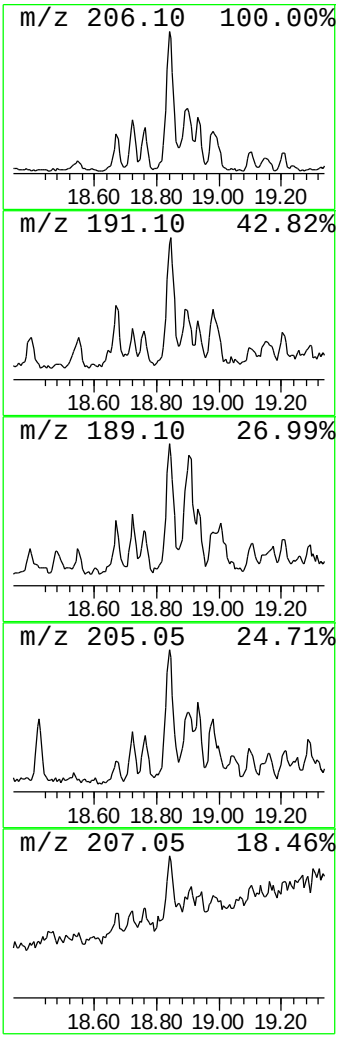
Peak Number 3 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	2.20 ng/ul	550422	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	89
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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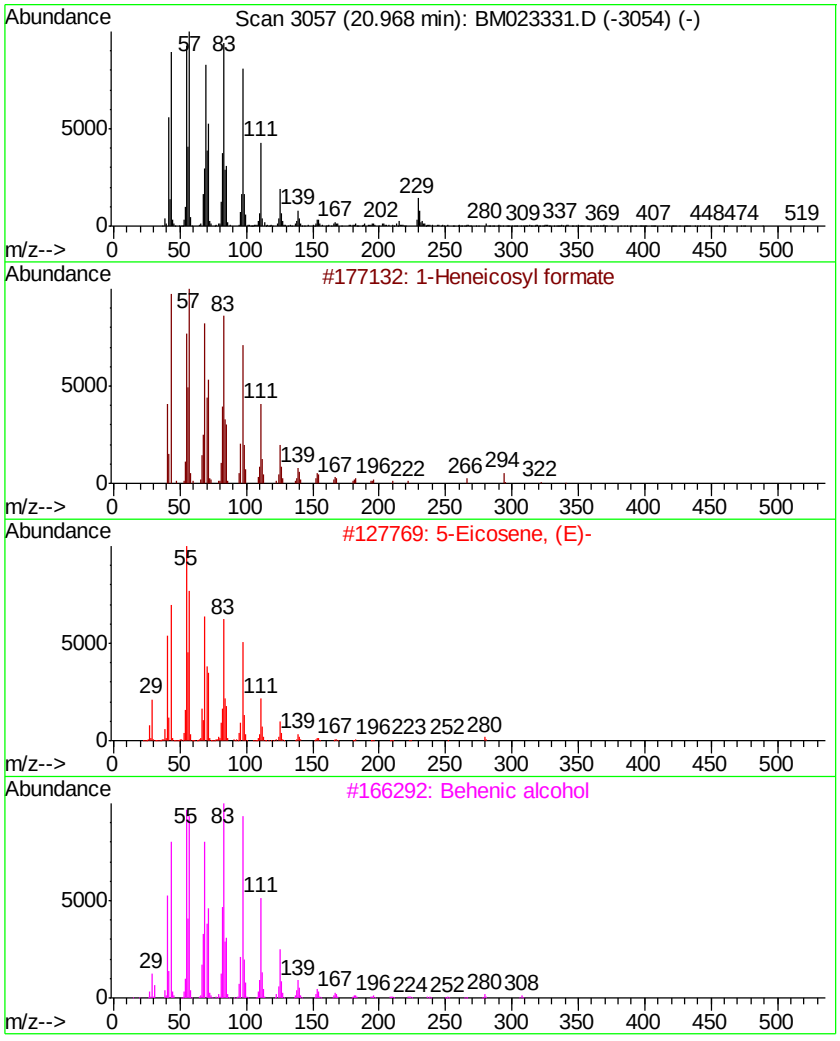
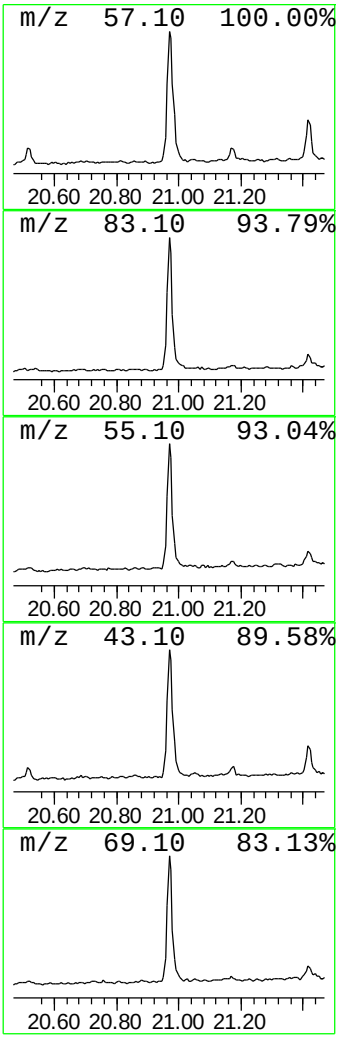
Peak Number 4 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	4.48 ng/ul	2395300	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	96
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





Library Search Compound Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB89

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

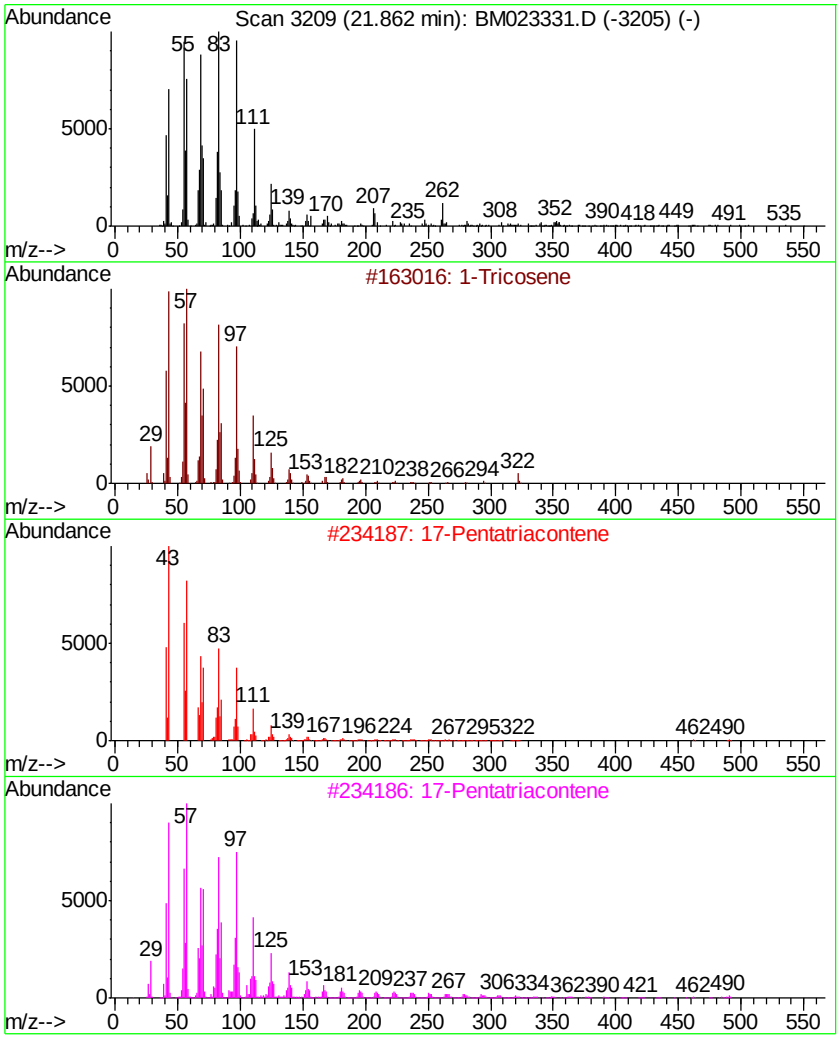
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

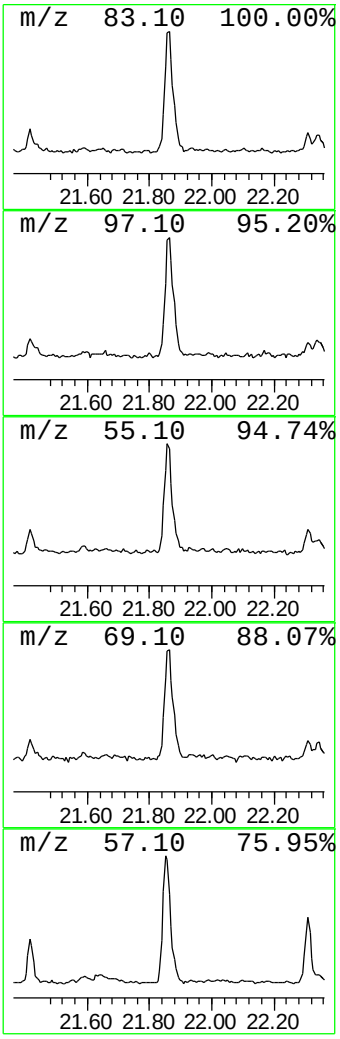
****

Peak Number 5 (DEL) Alkane: Cyclic21.86 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	4.28 ng/ul	2287600	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	96
2	17-Pentatriacontene	491	C35H70	006971-40-0	96
3	17-Pentatriacontene	491	C35H70	006971-40-0	95
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\
Data File : BM023331.D
Acq On : 22 Oct 2019 22:32
Operator : JU
Sample : K5354-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB89

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 1-m...	17.96	2.9	ng/ul	715694	4	17.04	4998680	20.0
Benzaldehyde, 3,5...	18.11	2.2	ng/ul	550170	4	17.04	4998680	20.0
Phenanthrene, 2,5...	18.84	2.2	ng/ul	550422	4	17.04	4998680	20.0
1-Heneicosyl formate	20.97	4.5	ng/ul	2395300	5	21.23	10698700	20.0
(DEL) Alkane: Cyc...	21.86	4.3	ng/ul	2287600	5	21.23	10698700	20.0