LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023247.D
Acq On : 18 Oct 2019 08:16
Operator : JU
Sample : K5235-18
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB8

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	3.175	29	32	39	rVB	79209	104823	1.25%	0.095%
2	3.681	114	118	123	rVB	111653	145971	1.75%	0.133%
3	3.816	137	141	147	rVB	41023	65997	0.79%	0.060%
4	3.899	151	155	162	rVB	35009	50331	0.60%	0.046%
5	6.334	564	569	576	rVB8	14739	30760	0.37%	0.028%
6	6.834	646	654	668	rVB2	1209743	2215536	26.49%	2.016%
7	6.998	676	682	692	rBV	910158	1443801	17.26%	1.314%
8	7.192	708	715	726	rVB	1276029	2066341	24.70%	1.880%
9	7.316	730	736	742	rVB8	20011	38067	0.46%	0.035%
10	7.657	786	794	803	rBV	1436762	2308212	27.59%	2.100%
11	7.740	803	808	813	rVB	23336	35109	0.42%	0.032%
12	8.369	908	915	926	rBV	1308326	2155675	25.77%	1.962%
13	8.481	929	934	942	rVB2	24158	48523	0.58%	0.044%
14	8.804	982	989	999	rVV	1108009	1848697	22.10%	1.682%
15	8.986	1015	1020	1024	rBV6	26694	38930	0.47%	0.035%
16	9.286	1064	1071	1077	rVB3	41532	69665	0.83%	0.063%
17	9.528	1103	1112	1118	rBV	887589	1510977	18.06%	1.375%
18	10.063	1194	1203	1214	rVB	1503079	2569260	30.71%	2.338%
19	10.439	1260	1267	1274	rVV	1852843	3086965	36.90%	2.809%
20	10.486	1274	1275	1282	rVB	33264	41602	0.50%	0.038%
21	10.575	1282	1290	1307	rBV	910243	1670226	19.97%	1.520%
22	12.033	1534	1538	1545	rVB2	32552	53681	0.64%	0.049%
23	12.110	1545	1551	1559	rBV3	40500	78487	0.94%	0.071%
24	12.333	1581	1589	1597	rBV	37428	62676	0.75%	0.057%
25	12.951	1686	1694	1700	rVB4	22783	55826	0.67%	0.051%
26	13.139	1721	1726	1728	rBV3	23795	36151	0.43%	0.033%
27	13.633	1800	1810	1814	rVV4	67820	124225	1.49%	0.113%
28	13.680	1814	1818	1819	rVV3	33512	33747	0.40%	0.031%
29	13.721	1819	1825	1829	rVV	2511074	3521921	42.10%	3.205%
30	13.769	1829	1833	1839	rVB	880962	1193652	14.27%	1.086%
31	13.863	1844	1849	1853	rBV2	25208	33893	0.41%	0.031%
32	13.998	1864	1872	1882	rBV	2963722	4690692	56.08%	4.269%
33	14.239	1909	1913	1918	rBV3	26760	36987	0.44%	0.034%
34	14.310	1918	1925	1931	rBV	2650079	4084268	48.83%	3.717%

LSC Area Percent Report

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Operator : JU
Sample : K5235-18
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB8

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	14.368	1931	1935	1940	rVB	94784	126545	1.51%	0.115%
36	14.504	1952	1958	1969	rBV	889713	1330566	15.91%	1.211%
37	14.651	1980	1983	1988	rVB	55588	69397	0.83%	0.063%
38	14.727	1988	1996	2003	rVB3	193984	359980	4.30%	0.328%
39	14.792	2003	2007	2011	rVB3	29406	44350	0.53%	0.040%
40	14.933	2026	2031	2035	rBV7	30584	55792	0.67%	0.051%
41	15.104	2053	2060	2063	rBV4	28584	53957	0.65%	0.049%
42	15.139	2063	2066	2070	rVB2	48102	59377	0.71%	0.054%
43	15.192	2070	2075	2081	rVB	269592	353261	4.22%	0.321%
44	15.304	2081	2094	2099	rBV	3881702	5603314	66.99%	5.099%
45	15.421	2109	2114	2122	rBV	761186	1071192	12.81%	0.975%
46	15.486	2122	2125	2128	rVV2	35150	45785	0.55%	0.042%
47	15.545	2128	2135	2139	rVV4	58183	132426	1.58%	0.121%
48	15.604	2142	2145	2148	rVB3	33603	39319	0.47%	0.036%
49	15.651	2148	2153	2158	rBV2	45855	71974	0.86%	0.065%
50	15.757	2165	2171	2173	rBV7	16336	35159	0.42%	0.032%
51	15.798	2175	2178	2186	rVB2	48595	101371	1.21%	0.092%
52	15.886	2187	2193	2201	rVB9	35557	90156	1.08%	0.082%
53	16.033	2210	2218	2219	rBV6	36379	71335	0.85%	0.065%
54	16.086	2224	2227	2234	rVB7	51641	70946	0.85%	0.065%
55	16.180	2239	2243	2247	rBV6	24208	42813	0.51%	0.039%
56	16.339	2264	2270	2271	rBV6	28169	49890	0.60%	0.045%
57	16.363	2271	2274	2278	rVB5	49886	71663	0.86%	0.065%
58	16.410	2278	2282	2287	rBV5	37236	60334	0.72%	0.055%
59	16.474	2287	2293	2295	rVV6	19773	39526	0.47%	0.036%
60	16.592	2306	2313	2317	rBV6	51523	120491	1.44%	0.110%
61	16.633	2317	2320	2323	rVB3	40279	51432	0.61%	0.047%
62	16.704	2328	2332	2342	rVB2	69491	141903	1.70%	0.129%
63	16.792	2342	2347	2352	rBV5	50600	121599	1.45%	0.111%
64	16.845	2352	2356	2357	rBV3	47510	57456	0.69%	0.052%
65	16.974	2375	2378	2383	rBV7	26154	32643	0.39%	0.030%
66	17.051	2385	2391	2395	rBV2	3354022	4754311	56.84%	4.326%
67	17.092	2395	2398	2403	rVB	1132076	1429751	17.09%	1.301%
68	17.151	2403	2408	2412	rBV	4138151	5814176	69.51%	5.291%
69	17.245	2421	2424	2429	rVB5	49676	68810	0.82%	0.063%
70	17.451	2455	2459	2463	rVB	96729	136378	1.63%	0.124%
71	17.580	2477	2481	2486	rBV3	135124	184321	2.20%	0.168%

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Instrument : BNA_M
ClientSampleId : BEPB8

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

72	17.633	2487	2490	2496	rVB2	77946	103960	1.24%	0.095%
73	17.927	2536	2540	2544	rBV2	272115	397339	4.75%	0.362%
74	17.974	2544	2548	2554	rVB	513728	684636	8.18%	0.623%
75	18.039	2555	2559	2567	rBV2	221011	451746	5.40%	0.411%
76	18.121	2567	2573	2577	rVV2	425458	825290	9.87%	0.751%
77	18.157	2577	2579	2583	rVB	217986	253435	3.03%	0.231%
78	18.274	2596	2599	2604	rVB4	107172	146329	1.75%	0.133%
79	18.433	2622	2626	2629	rBV	166671	231581	2.77%	0.211%
80	18.468	2629	2632	2639	rVB3	181352	273392	3.27%	0.249%
81	18.686	2666	2669	2673	rVB2	108075	121773	1.46%	0.111%
82	18.856	2693	2698	2702	rBV	290610	462207	5.53%	0.421%
83	18.992	2717	2721	2728	rVB5	208911	383795	4.59%	0.349%
84	19.115	2737	2742	2747	rVB	2339715	3175267	37.96%	2.890%
85	19.268	2765	2768	2772	rBV2	124373	160512	1.92%	0.146%
86	19.451	2793	2799	2802	rBV	5502577	8364891	100.00%	7.612%
87	19.974	2886	2888	2895	rVB	482455	683835	8.18%	0.622%
88	20.080	2903	2906	2909	rVB	292989	358036	4.28%	0.326%
89	20.139	2912	2916	2919	rVB2	367552	511162	6.11%	0.465%
90	20.274	2936	2939	2943	rVB	290223	321490	3.84%	0.293%
91	20.321	2944	2947	2951	rVB	252780	351570	4.20%	0.320%
92	20.986	3056	3060	3064	rBV2	1949757	2126549	25.42%	1.935%
93	21.192	3091	3095	3098	rBV	3767964	4221548	50.47%	3.842%
94	21.245	3098	3104	3108	rVV2	4805581	8269222	98.86%	7.525%
95	21.280	3108	3110	3117	rVB	1593024	1789953	21.40%	1.629%
96	21.874	3208	3211	3216	rVB2	871155	1063655	12.72%	0.968%
97	22.315	3282	3286	3293	rBV2	881666	1710106	20.44%	1.556%
98	22.797	3364	3368	3372	rBV	1084430	2117474	25.31%	1.927%
99	23.315	3451	3456	3461	rBV	3878720	6578308	78.64%	5.986%
100	23.456	3475	3480	3486	rVB	3042313	5234799	62.58%	4.764%

Sum of corrected areas: 109889233

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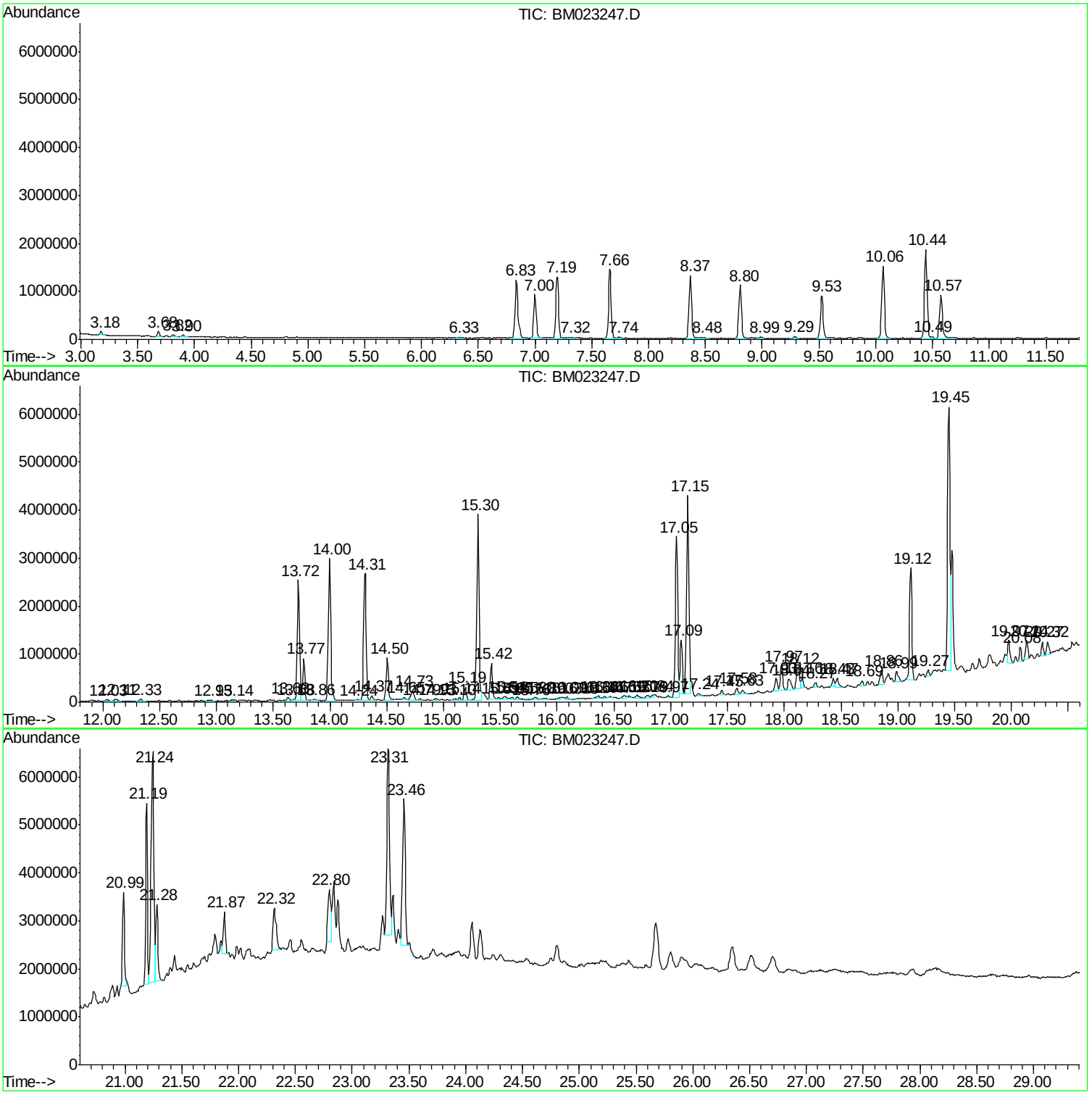
Instrument : BNA_M
ClientSampleId : BEPB8

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



Library Search Compound Report

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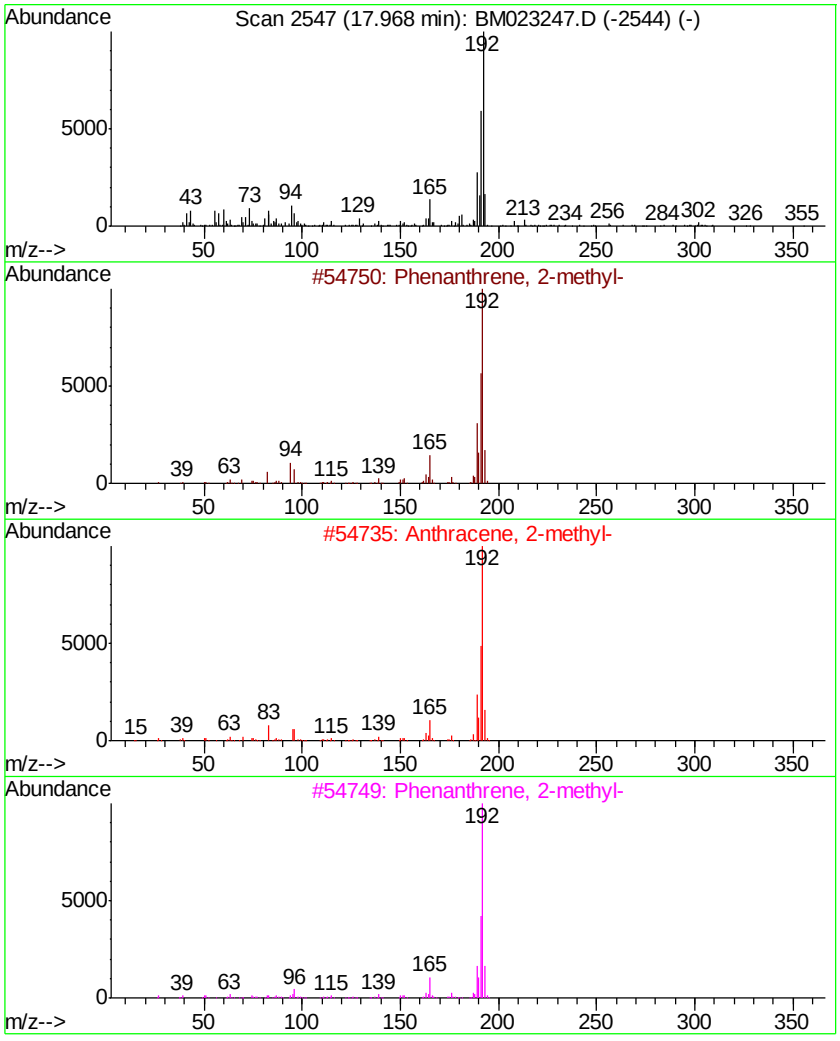
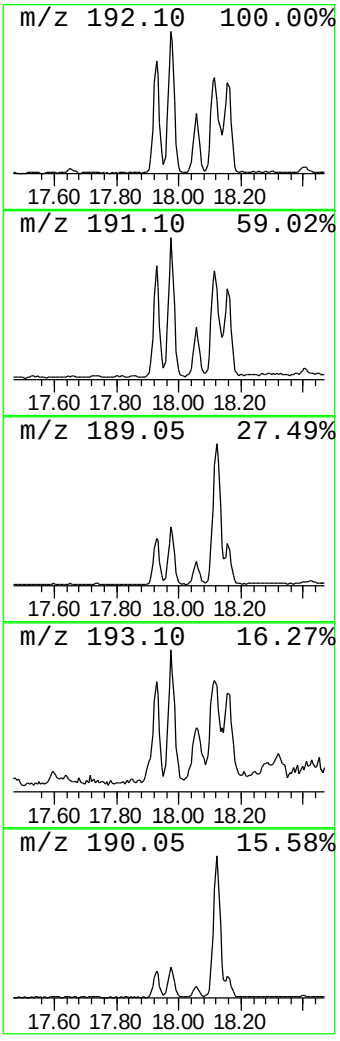
****

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.88 ng/ul	684636	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95





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Instrument : BNA_M
ClientSampleId : BEPB8

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

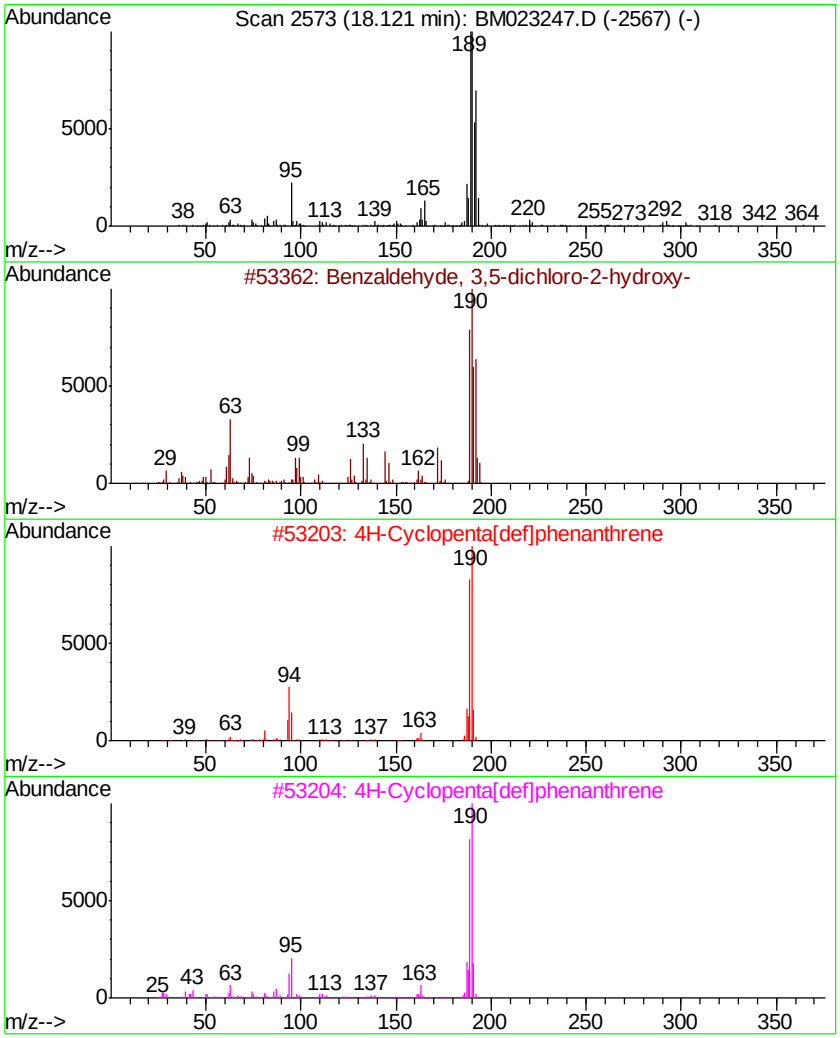
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

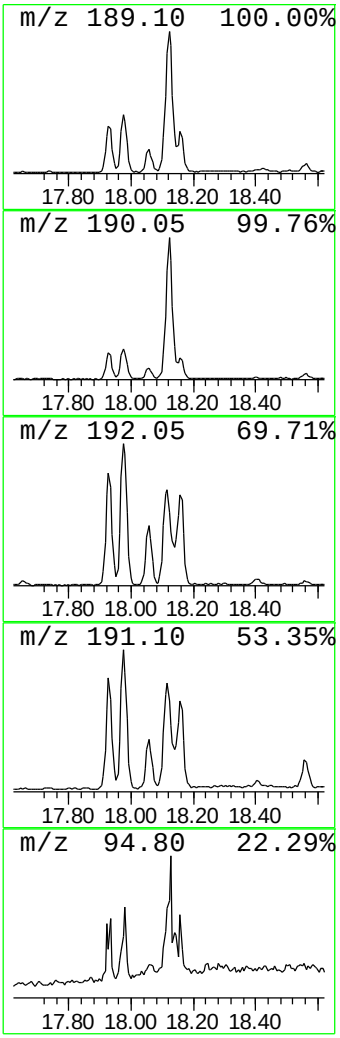
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	3.47 ng/ul	825290	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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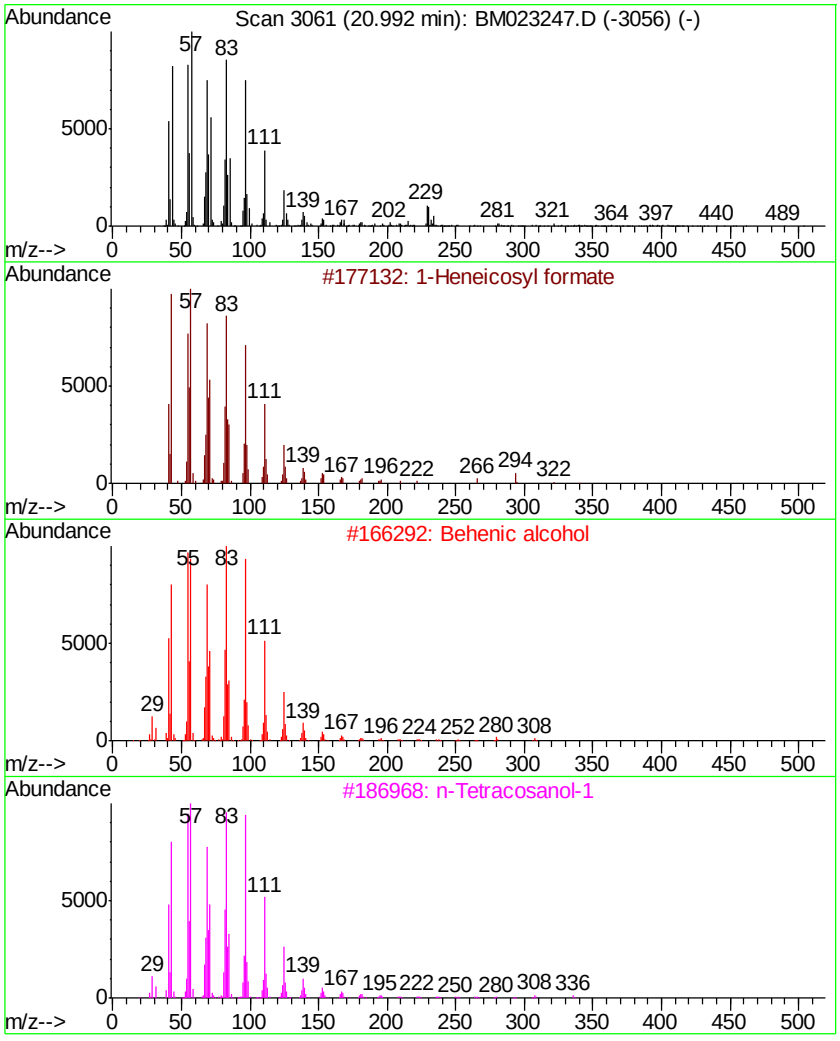
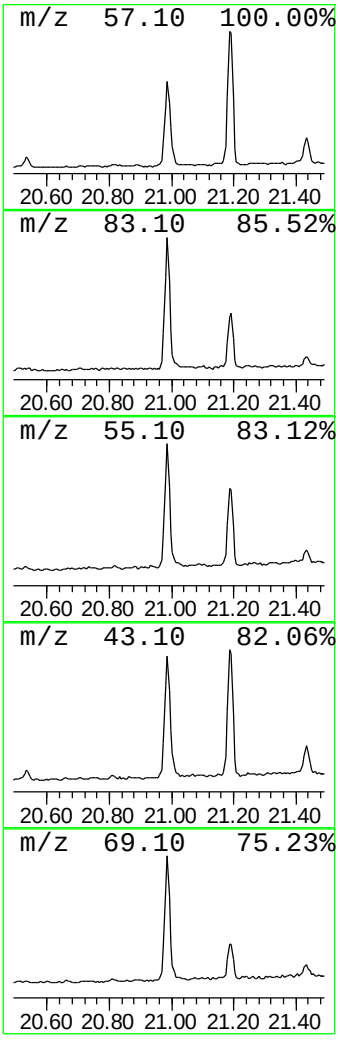
****

Peak Number 3 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	5.14 ng/ul	2126550	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	96
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





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Quant Title : SVOA CALIBRATION

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

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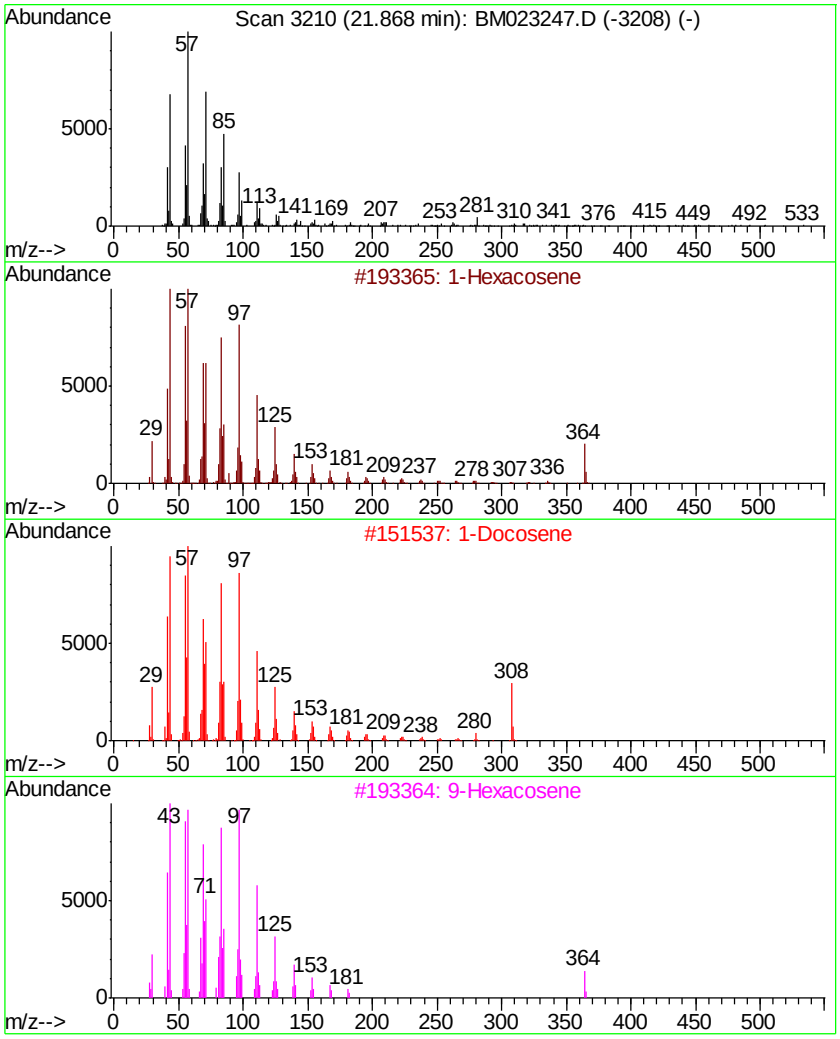
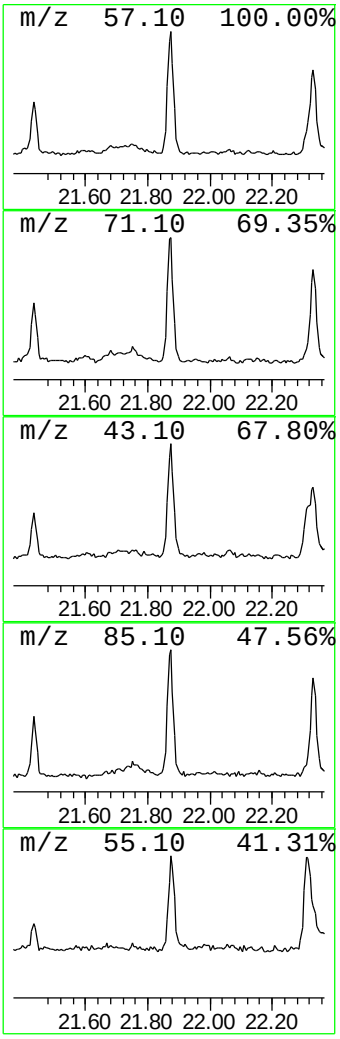
Peak Number 4 (DEL) Alkane: Cyclic21.87 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.57 ng/ul	1063660	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	97
2	1-Docosene	308	C22H44	001599-67-3	92
3	9-Hexacosene	364	C26H52	071502-22-2	91
4	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	90
5	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	87





Library Search Compound Report

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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB8

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

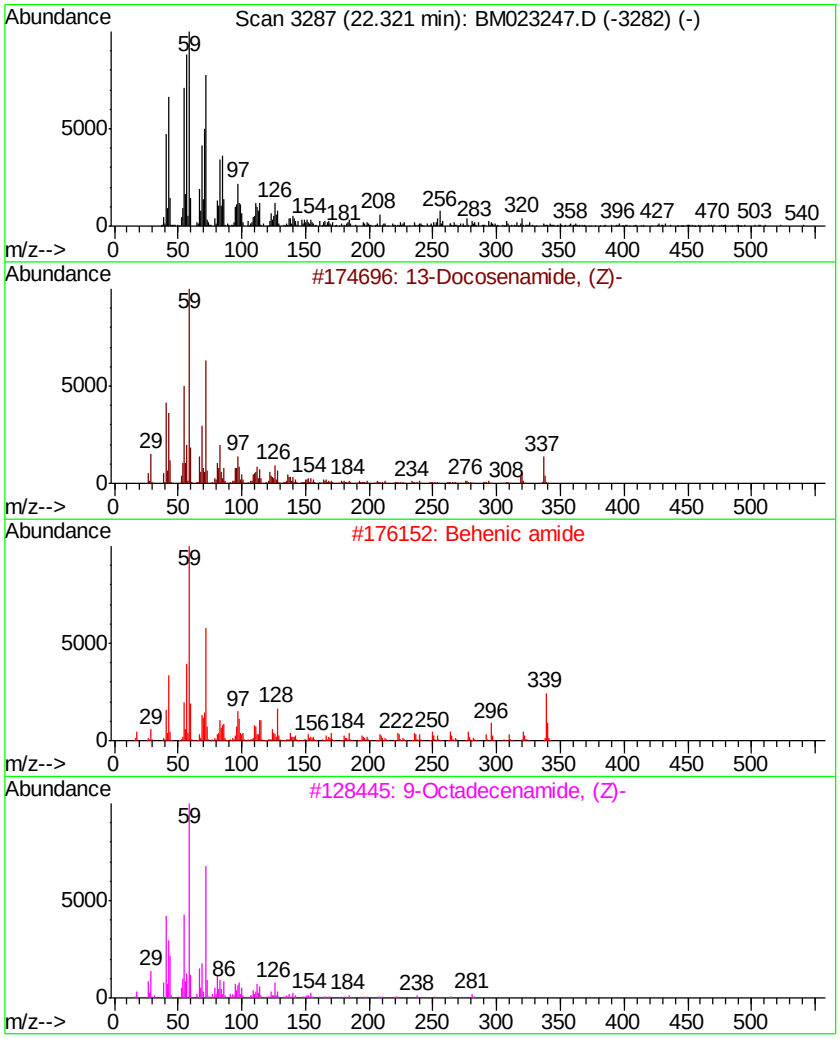
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

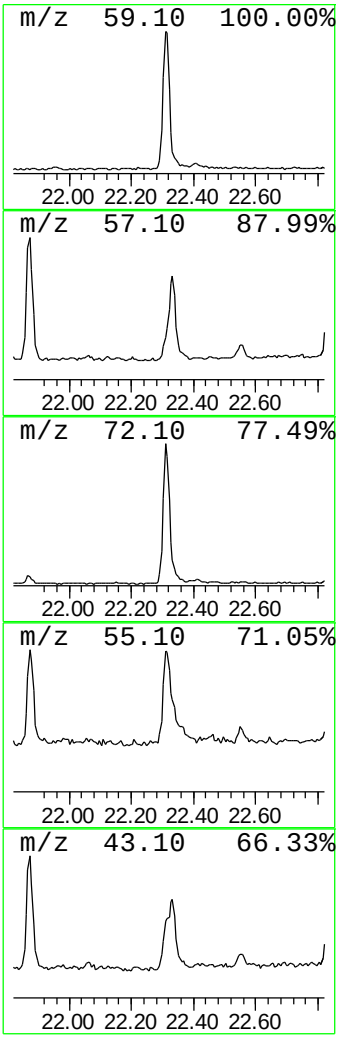
****

Peak Number 5 13-Docosenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	4.14 ng/ul	1710110	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	91
2	Behenic amide	339	C22H45NO	003061-75-4	87
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	78
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	78
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\
Data File : BM023247.D
Acq On : 18 Oct 2019 08:16
Operator : JU
Sample : K5235-18
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB8

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, 2-m...	17.97	2.9	ng/ul	684636	4	17.05	4754310	20.0
Benzaldehyde, 3,5...	18.12	3.5	ng/ul	825290	4	17.05	4754310	20.0
1-Heneicosyl formate	20.99	5.1	ng/ul	2126550	5	21.24	8269220	20.0
(DEL) Alkane: Cyc...	21.87	2.6	ng/ul	1063660	5	21.24	8269220	20.0
13-Docosenamide, ...	22.32	4.1	ng/ul	1710110	5	21.24	8269220	20.0