LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023202.D
Acq On : 16 Oct 2019 22:09
Operator : JU
Sample : K5262-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB70

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	28	32	44	rVB	68111	111750	1.17%	0.079%
2	3.681	113	118	125	rBV	270771	340722	3.58%	0.241%
3	3.816	136	141	148	rVB	39838	67594	0.71%	0.048%
4	4.893	317	324	330	rBV	45313	71527	0.75%	0.051%
5	6.834	648	654	664	rBV2	1004482	1829811	19.21%	1.294%
6	6.998	674	682	693	rBV	725905	1164599	12.23%	0.823%
7	7.198	709	716	723	rBV	1013761	1636259	17.18%	1.157%
8	7.663	788	795	805	rBV	1560822	2460722	25.83%	1.740%
9	8.363	908	914	921	rBV	1095992	1794079	18.83%	1.268%
10	8.810	979	990	1000	rBV	864491	1514659	15.90%	1.071%
11	9.528	1105	1112	1120	rBV	698182	1143202	12.00%	0.808%
12	10.063	1194	1203	1215	rBV	1223691	2059833	21.62%	1.456%
13	10.445	1259	1268	1274	rBV	2021370	3406302	35.76%	2.408%
14	10.492	1274	1276	1283	rVB	76790	115267	1.21%	0.081%
15	10.575	1283	1290	1300	rBV	479059	913948	9.59%	0.646%
16	12.116	1546	1552	1559	rVB	57962	99638	1.05%	0.070%
17	12.333	1582	1589	1594	rBV	61549	102445	1.08%	0.072%
18	13.633	1804	1810	1815	rBV	88964	152703	1.60%	0.108%
19	13.721	1820	1825	1830	rVV	1937963	2764209	29.02%	1.954%
20	13.769	1830	1833	1841	rVB	661527	907331	9.52%	0.642%
21	13.998	1865	1872	1885	rVV	2368312	3870728	40.63%	2.737%
22	14.127	1888	1894	1899	rBV2	37468	83006	0.87%	0.059%
23	14.310	1918	1925	1931	rBV	3000981	4354212	45.71%	3.079%
24	14.374	1931	1936	1944	rVB	155292	243197	2.55%	0.172%
25	14.498	1951	1957	1969	rBV	698992	1050274	11.03%	0.743%
26	14.651	1974	1983	1987	rVV4	65442	143985	1.51%	0.102%
27	14.710	1988	1993	2003	rVV3	114903	303740	3.19%	0.215%
28	14.792	2003	2007	2013	rVB2	52873	82350	0.86%	0.058%
29	14.933	2025	2031	2037	rVV4	47994	106624	1.12%	0.075%
30	15.110	2054	2061	2064	rBV4	37530	79478	0.83%	0.056%
31	15.192	2070	2075	2080	rVB5	31760	68956	0.72%	0.049%
32	15.304	2088	2094	2100	rBV	2860344	4110350	43.15%	2.906%
33	15.357	2100	2103	2109	rVB2	184867	274887	2.89%	0.194%
34	15.421	2109	2114	2122	rBV	457682	682818	7.17%	0.483%

LSC Area Percent Report

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Operator : JU
Sample : K5262-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB70

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	15.657	2150	2154	2164	rVB3	86025	181999	1.91%	0.129%
36	15.804	2175	2179	2187	rVB2	69458	156172	1.64%	0.110%
37	15.886	2188	2193	2201	rVB7	35791	80735	0.85%	0.057%
38	16.039	2211	2219	2225	rVV8	44723	135830	1.43%	0.096%
39	16.092	2225	2228	2233	rVB5	47138	66885	0.70%	0.047%
40	16.368	2265	2275	2279	rBV5	85643	227400	2.39%	0.161%
41	16.415	2279	2283	2288	rVV2	68604	103317	1.08%	0.073%
42	16.480	2290	2294	2297	rVV5	34886	62615	0.66%	0.044%
43	16.515	2297	2300	2305	rVB4	53236	78306	0.82%	0.055%
44	16.598	2311	2314	2317	rVV2	39598	59361	0.62%	0.042%
45	16.639	2317	2321	2324	rVB3	84938	118540	1.24%	0.084%
46	16.704	2328	2332	2337	rBV	104773	146867	1.54%	0.104%
47	16.798	2343	2348	2353	rBV4	66891	162805	1.71%	0.115%
48	16.868	2356	2360	2365	rVB	119978	190969	2.00%	0.135%
49	17.057	2386	2392	2395	rBV2	3217910	4716388	49.51%	3.335%
50	17.098	2395	2399	2403	rVV	2324180	3251893	34.14%	2.299%
51	17.151	2403	2408	2412	rVV	3002801	4375520	45.93%	3.094%
52	17.186	2412	2414	2419	rVB	608678	696527	7.31%	0.492%
53	17.251	2420	2425	2430	rVV5	87434	156225	1.64%	0.110%
54	17.451	2452	2459	2465	rBV	188133	358221	3.76%	0.253%
55	17.586	2478	2482	2485	rBV2	60911	96446	1.01%	0.068%
56	17.633	2487	2490	2495	rVB	132117	174055	1.83%	0.123%
57	17.780	2511	2515	2520	rBV	69498	118643	1.25%	0.084%
58	17.851	2523	2527	2531	rBV3	59247	102977	1.08%	0.073%
59	17.933	2536	2541	2544	rVV	499662	718720	7.54%	0.508%
60	17.980	2544	2549	2557	rVV	1247922	1847867	19.40%	1.307%
61	18.056	2558	2562	2567	rVV2	288636	509665	5.35%	0.360%
62	18.121	2568	2573	2577	rVV2	755999	1378010	14.47%	0.974%
63	18.162	2577	2580	2588	rVB	393686	548333	5.76%	0.388%
64	18.433	2622	2626	2629	rBV	284410	400640	4.21%	0.283%
65	18.468	2629	2632	2644	rVB2	240481	386612	4.06%	0.273%
66	18.686	2666	2669	2674	rVB2	160278	207733	2.18%	0.147%
67	18.739	2674	2678	2681	rVV	145984	198641	2.09%	0.140%
68	18.774	2681	2684	2688	rVB	149165	201029	2.11%	0.142%
69	18.856	2693	2698	2703	rBV	479545	775043	8.14%	0.548%
70	18.921	2705	2709	2712	rVV3	193726	269327	2.83%	0.190%
71	18.992	2717	2721	2729	rVV3	282284	536815	5.64%	0.380%

LSC Area Percent Report

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Operator : JU
Sample : K5262-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB70

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

72	19.115	2737	2742	2747	rBV	4232578	5444298	57.15%	3.849%
73	19.192	2751	2755	2758	rBV	274950	375102	3.94%	0.265%
74	19.268	2764	2768	2772	rBV	328047	481262	5.05%	0.340%
75	19.450	2794	2799	2801	rBV	4106302	5487701	57.61%	3.880%
76	19.480	2801	2804	2812	rVB	4008167	5372204	56.39%	3.798%
77	19.662	2832	2835	2838	rBV	206335	225304	2.37%	0.159%
78	19.815	2857	2861	2867	rVB2	270775	494785	5.19%	0.350%
79	19.945	2880	2883	2885	rBV3	243841	330767	3.47%	0.234%
80	19.980	2886	2889	2897	rVB3	577443	939389	9.86%	0.664%
81	20.080	2903	2906	2910	rVB2	355726	416162	4.37%	0.294%
82	20.139	2912	2916	2920	rVB2	502316	666688	7.00%	0.471%
83	20.274	2936	2939	2943	rBV	380092	487167	5.11%	0.344%
84	20.321	2944	2947	2952	rVV	350456	482587	5.07%	0.341%
85	20.933	3048	3051	3054	rVB	350873	369634	3.88%	0.261%
86	20.992	3057	3061	3072	rVB3	5116993	7157569	75.14%	5.061%
87	21.197	3092	3096	3098	rBV	927916	1076249	11.30%	0.761%
88	21.244	3098	3104	3108	rVV2	5067024	9526072	100.00%	6.735%
89	21.280	3108	3110	3121	rVB	2165662	2968397	31.16%	2.099%
90	21.444	3135	3138	3140	rBV	474157	563351	5.91%	0.398%
91	21.886	3209	3213	3221	rVB	5678925	8808766	92.47%	6.228%
92	22.803	3363	3369	3373	rBV	2007838	4394058	46.13%	3.107%
93	22.850	3374	3377	3380	rVV2	1924306	2888694	30.32%	2.042%
94	22.886	3380	3383	3392	rVB2	2044659	3510038	36.85%	2.482%
95	23.268	3444	3448	3452	rBV	1077636	1813405	19.04%	1.282%
96	23.321	3452	3457	3461	rVV	2607823	4643614	48.75%	3.283%
97	23.362	3461	3464	3470	rVB	1774399	2793705	29.33%	1.975%
98	23.462	3476	3481	3486	rVB	2674206	4594525	48.23%	3.249%
99	24.074	3581	3585	3591	rVB	872883	1452707	15.25%	1.027%
100	24.138	3593	3596	3608	rVB	935390	1762139	18.50%	1.246%

Sum of corrected areas: 141434675

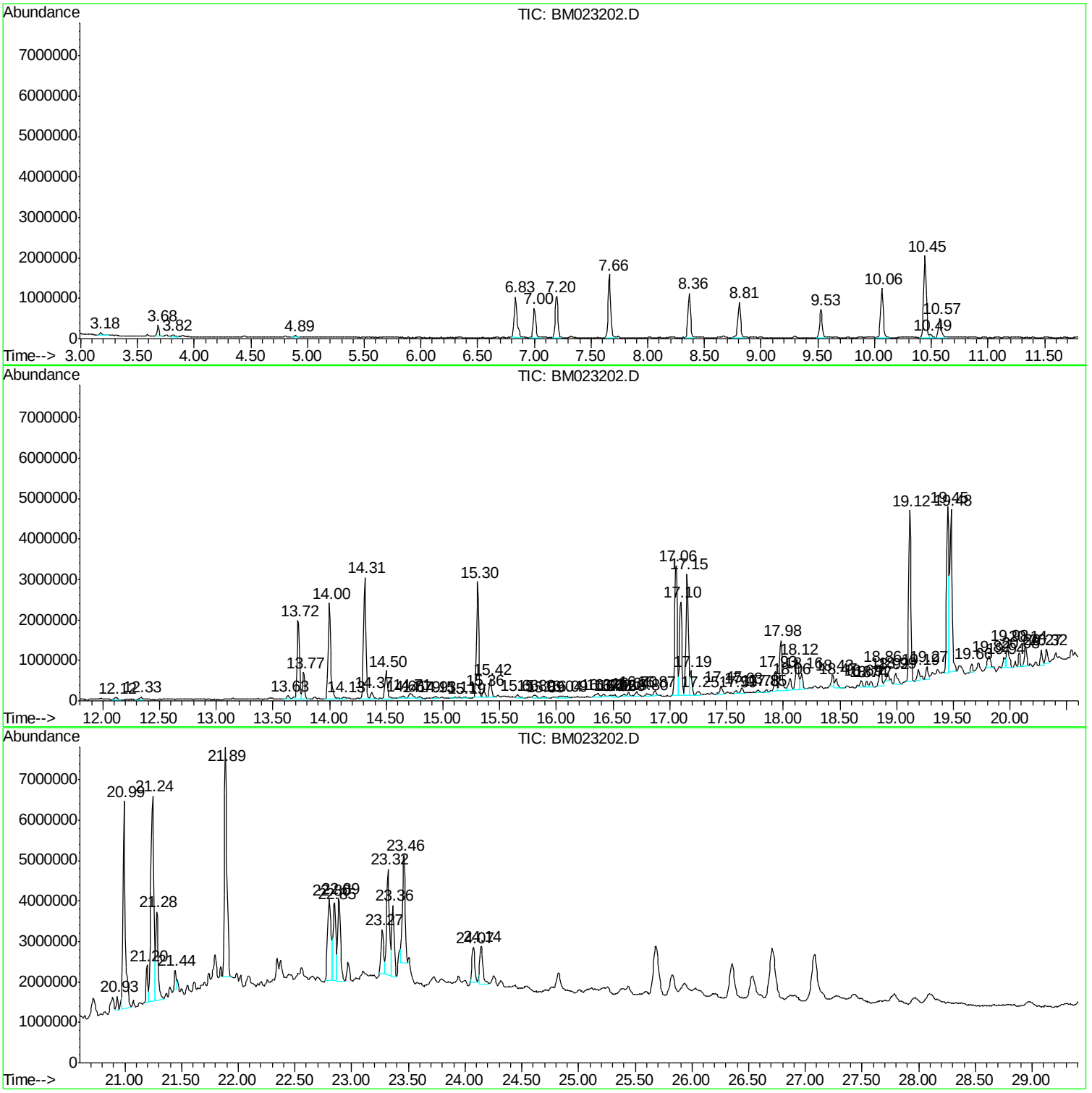
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023202.D
Acq On : 16 Oct 2019 22:09
Operator : JU
Sample : K5262-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB70

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023202.D
Acq On : 16 Oct 2019 22:09
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

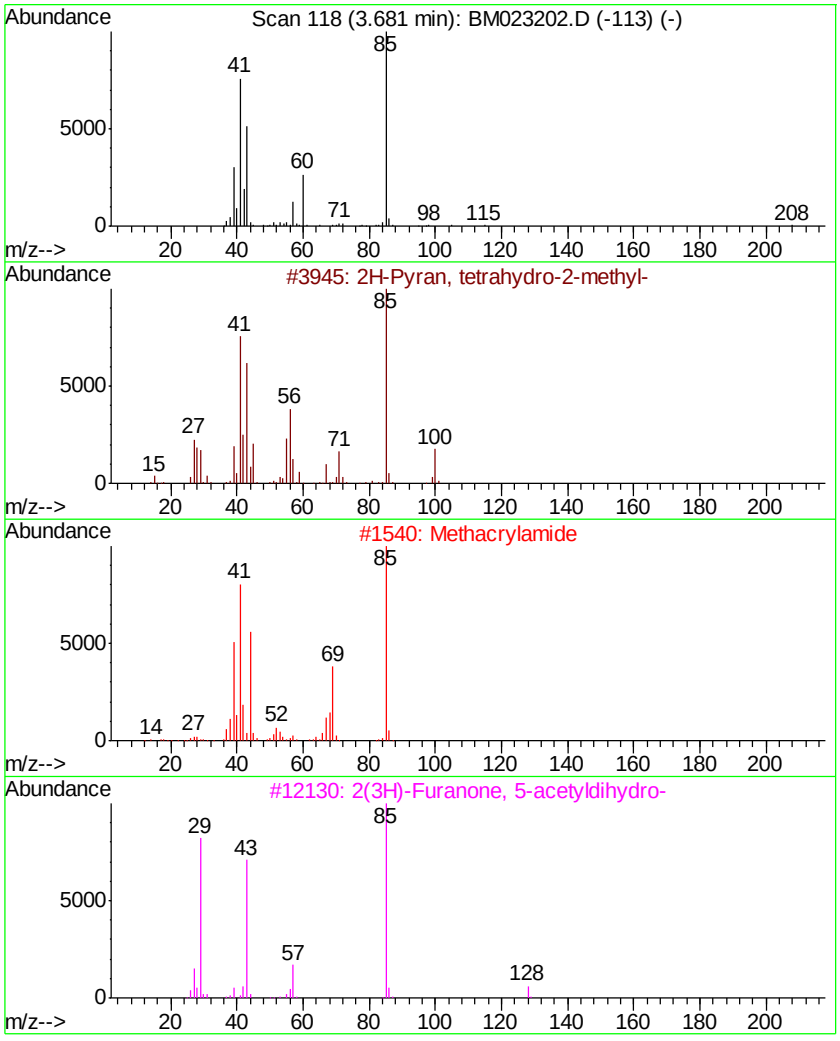
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

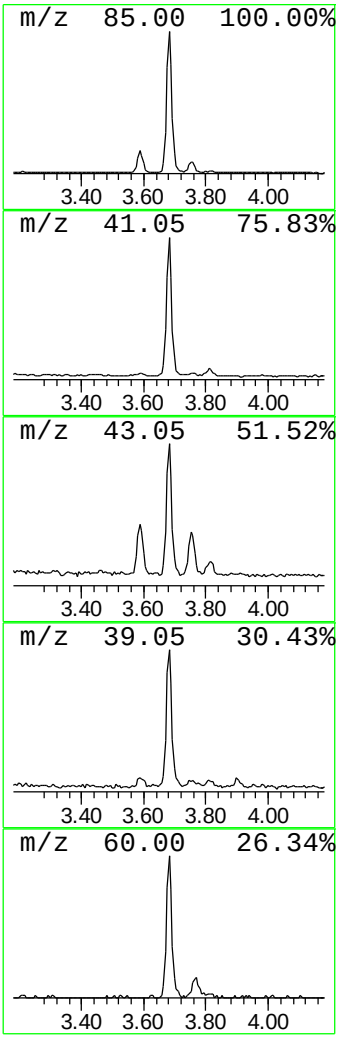
****

Peak Number 1 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.68	2.77 ng/ul	340722	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	39
2	Methacrylamide	85	C4H7NO	000079-39-0	38
3	2(3H)-Furanone, 5-acetyldihydro-	128	C6H8O3	029393-32-6	28
4	Hexane, 3-bromo-	164	C6H13Br	003377-87-5	10
5	2-Butanol, 3-(1,3-dimethylbutoxy)-	174	C10H22O2	074810-45-0	10





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Instrument : BNA_M
ClientSampleId : BFB70

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

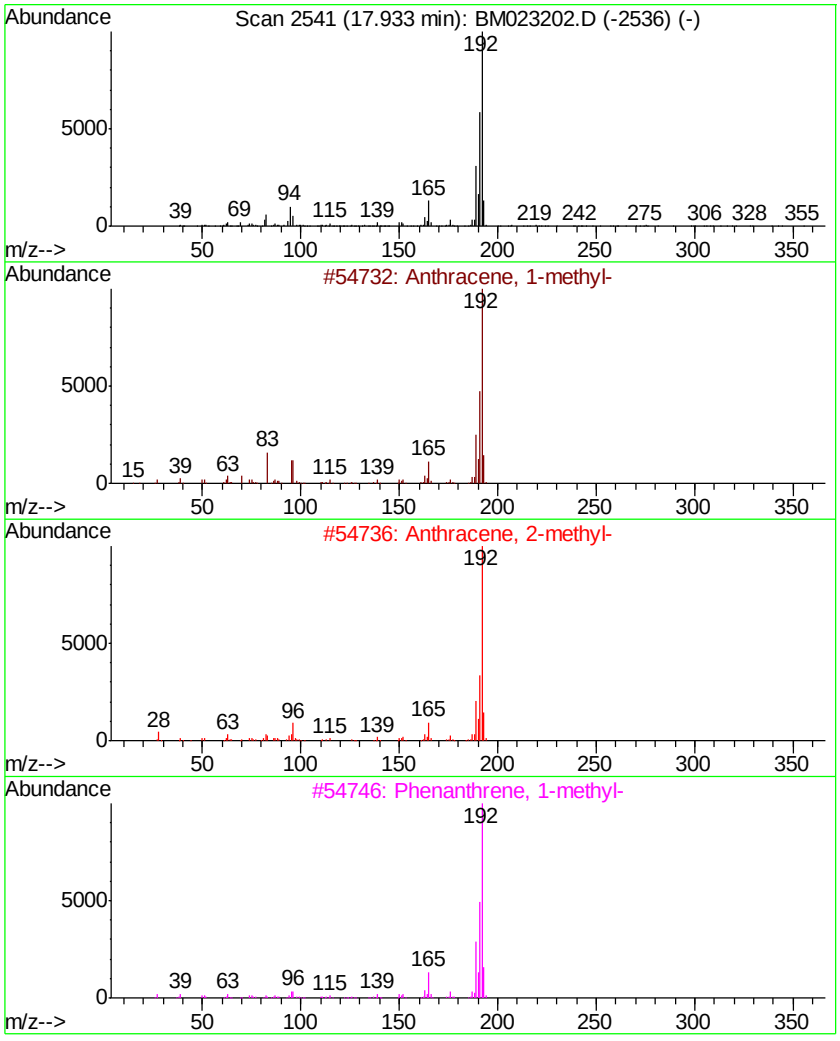
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

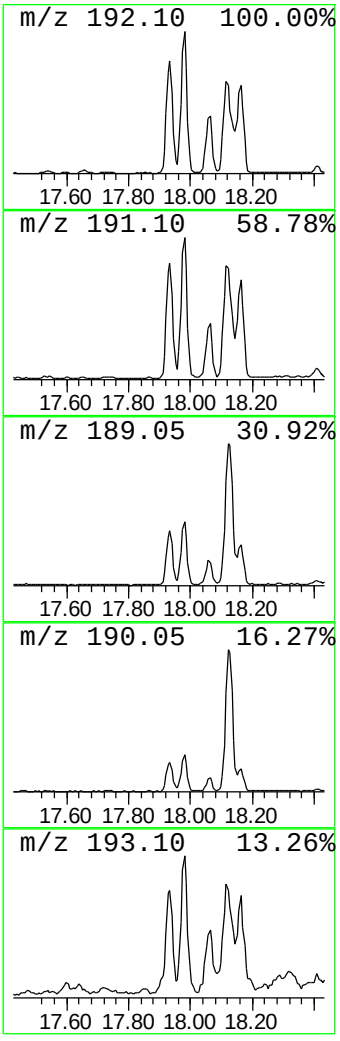
****

Peak Number 2 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	3.05 ng/ul	718720	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

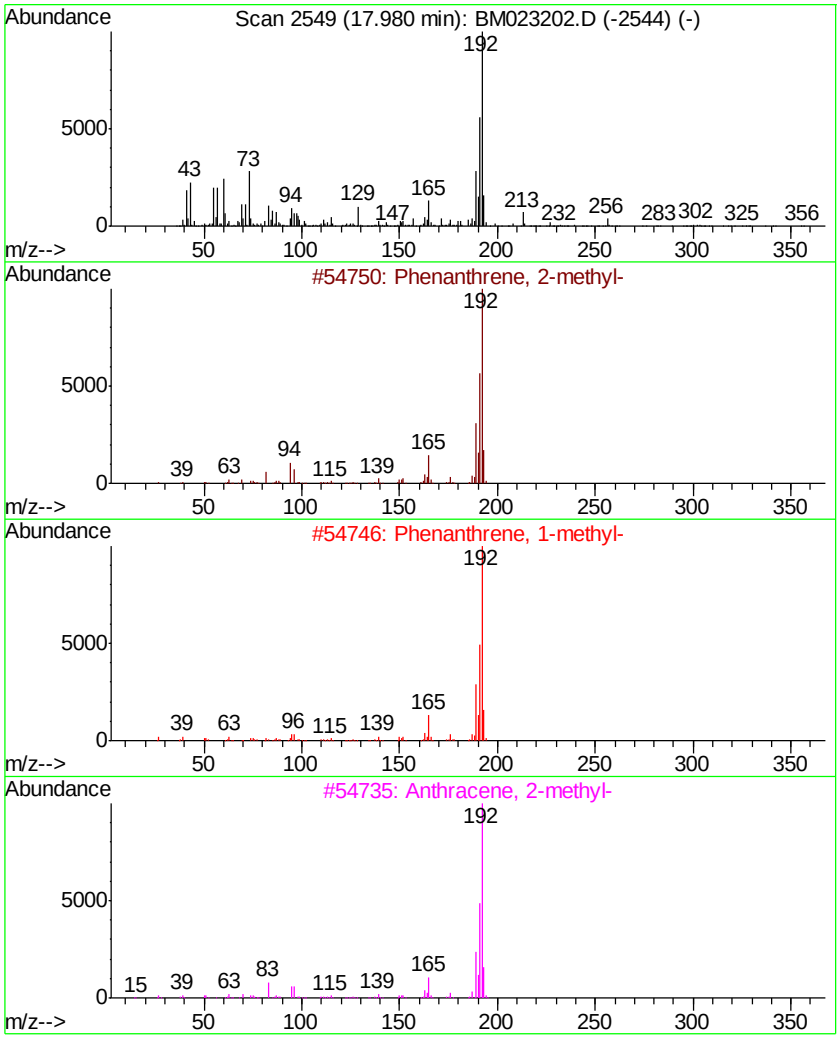
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

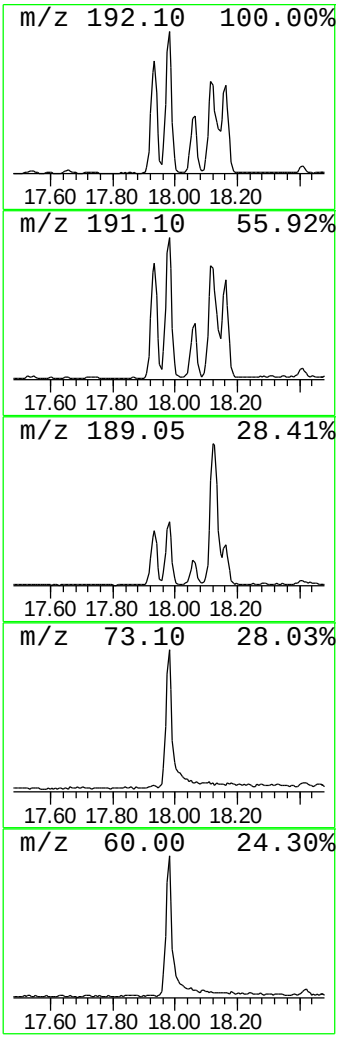
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	7.84 ng/ul	1847870	Phenanthrene-d10	17.06

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Library Search Compound Report

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Data File : BM023202.D
Acq On : 16 Oct 2019 22:09
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB70

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

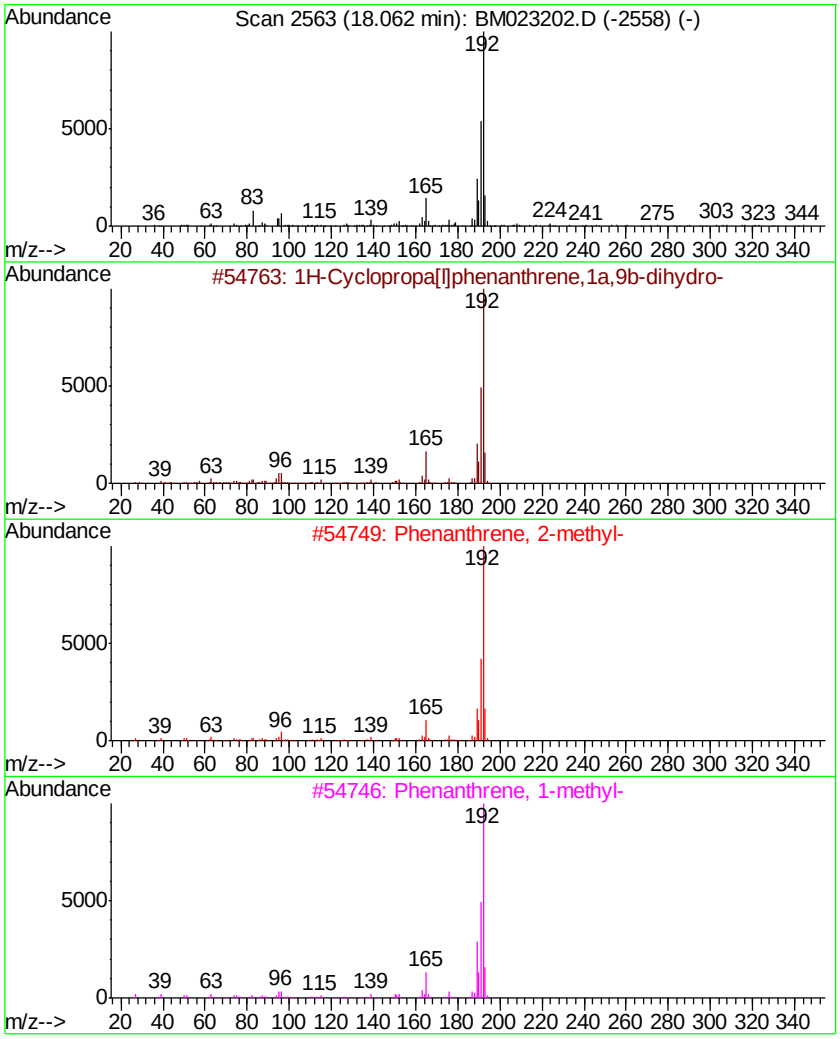
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

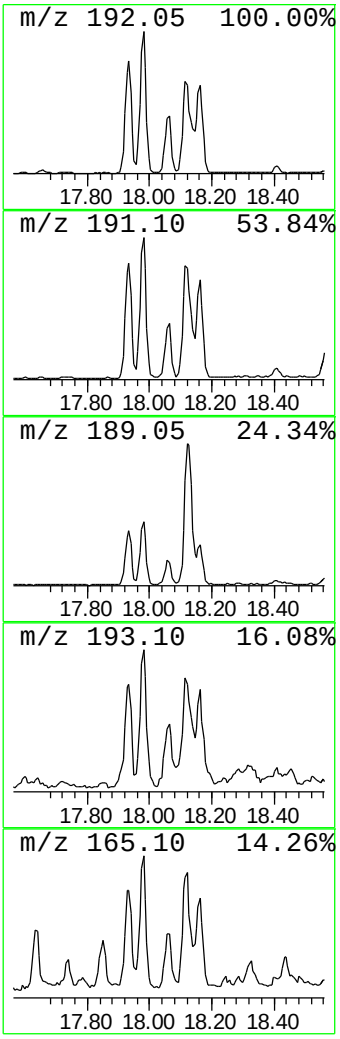
****

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.16 ng/ul	509665	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





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Acq On : 16 Oct 2019 22:09
Operator : JU
Sample : K5262-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB70

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

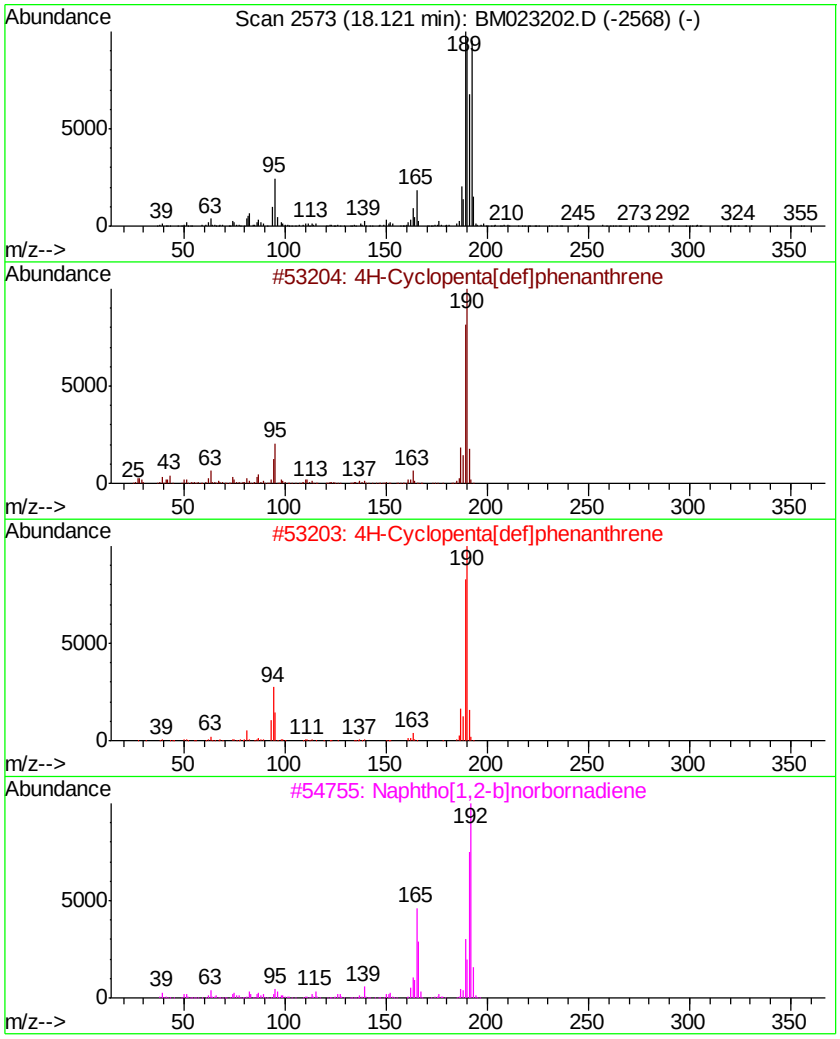
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

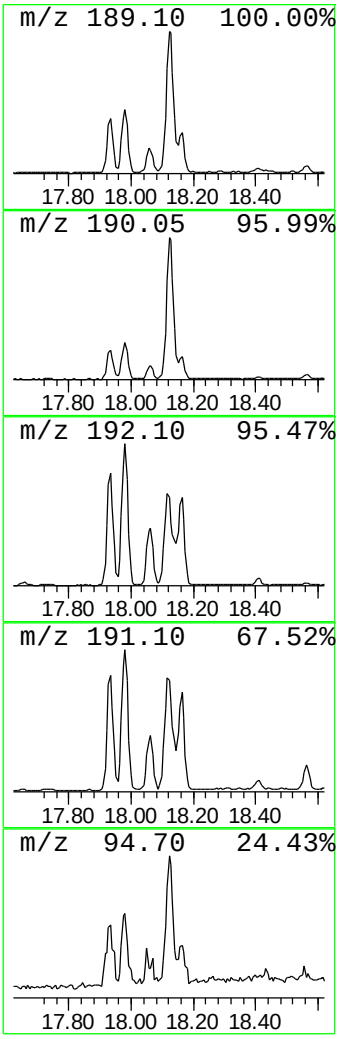
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	5.84 ng/ul	1378010	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42





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Data File : BM023202.D
Acq On : 16 Oct 2019 22:09
Operator : JU
Sample : K5262-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB70

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

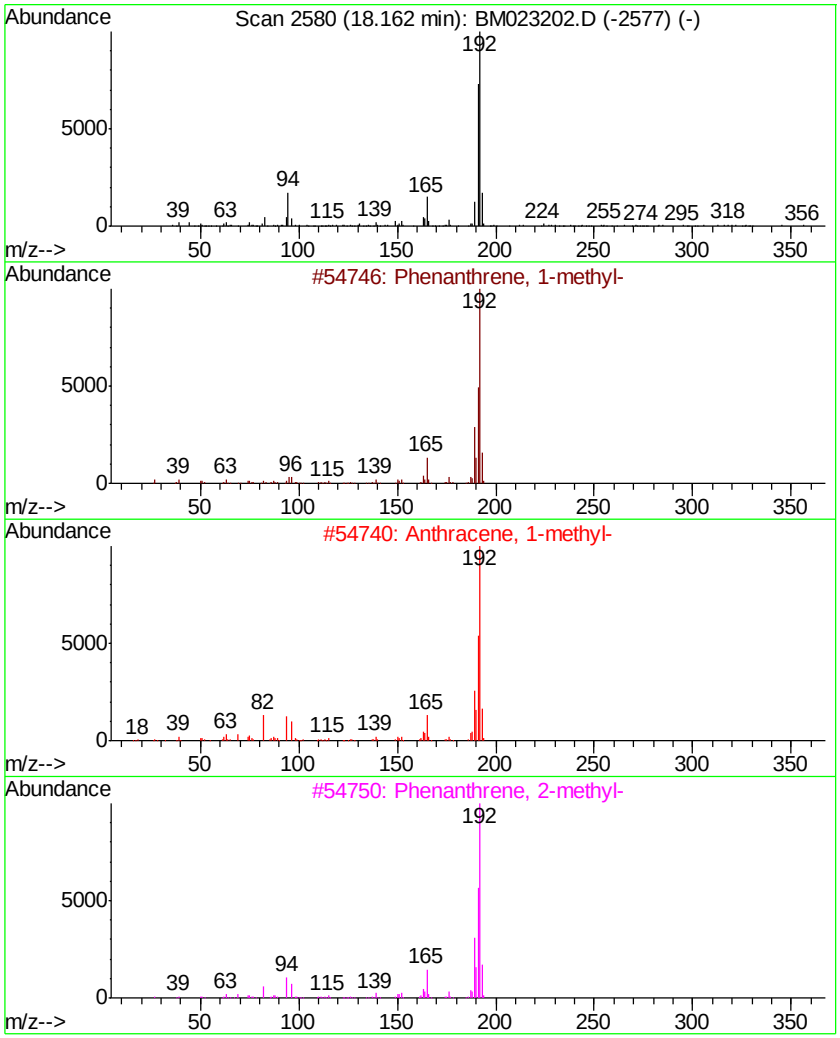
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

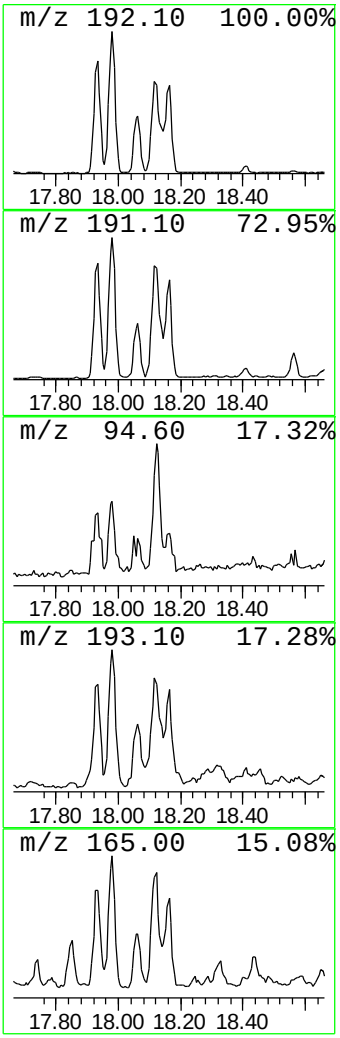
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	2.33 ng/ul	548333	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87





Library Search Compound Report

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Acq On : 16 Oct 2019 22:09
Operator : JU
Sample : K5262-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB70

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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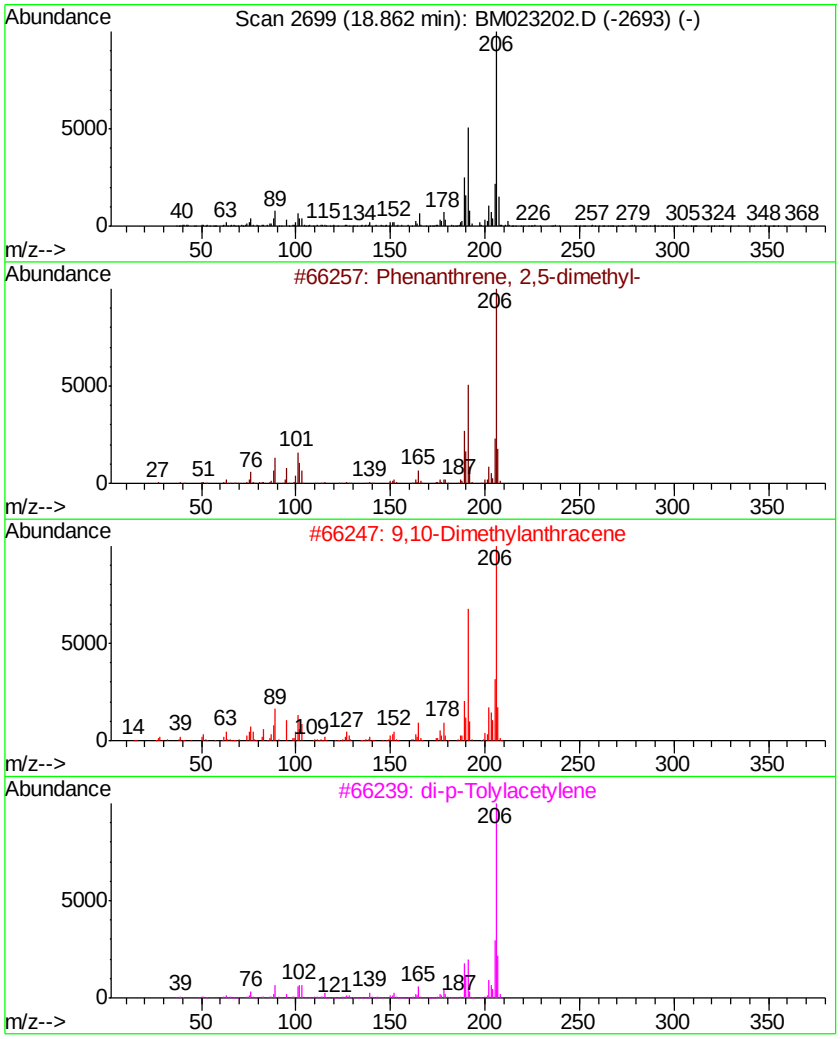
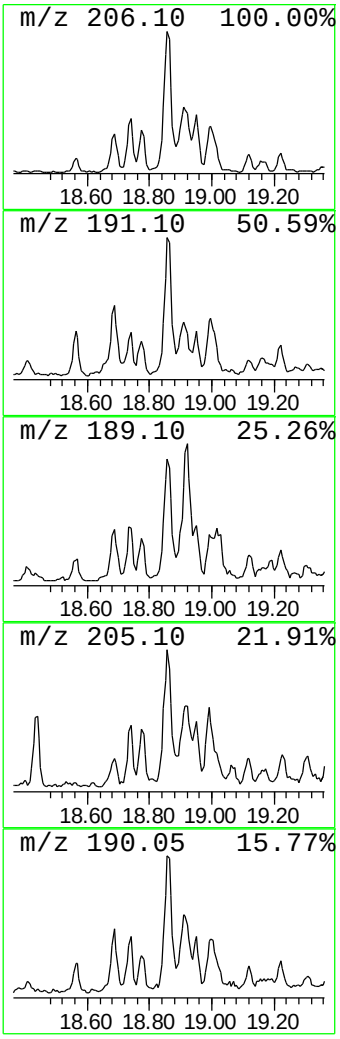
Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	3.29 ng/ul	775043	Phenanthrene-d10	17.06

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	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





Library Search Compound Report

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Acq On : 16 Oct 2019 22:09
Operator : JU
Sample : K5262-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB70

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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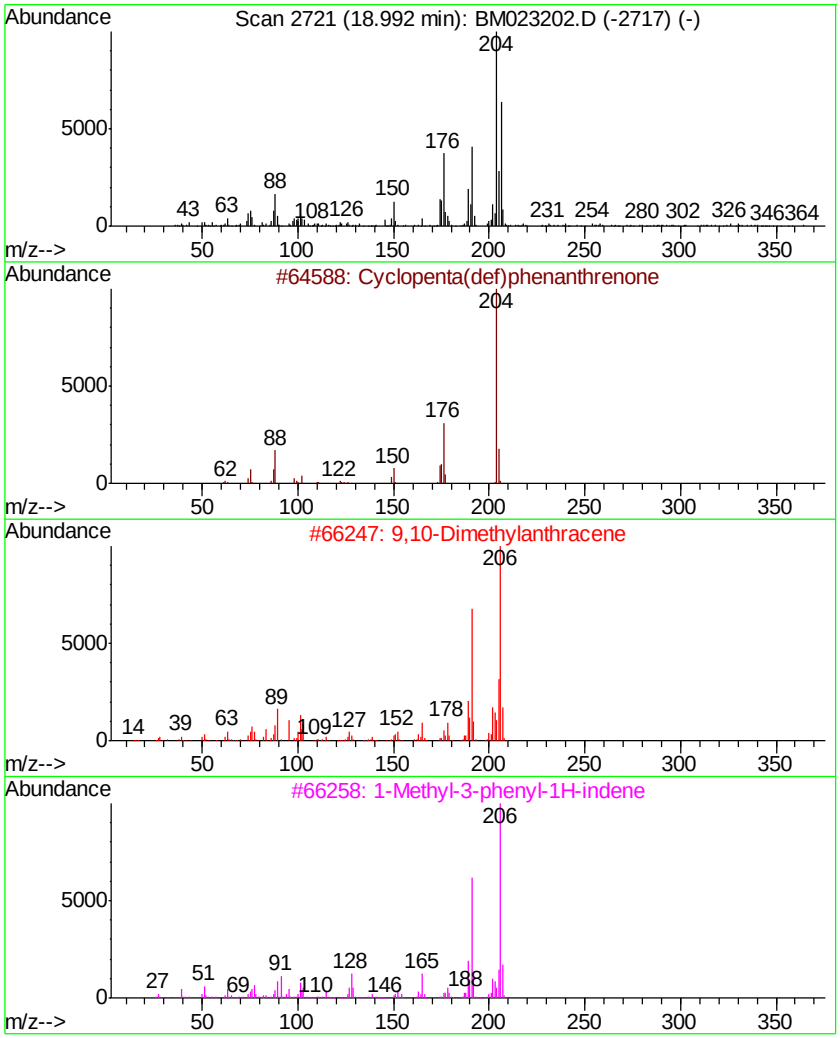
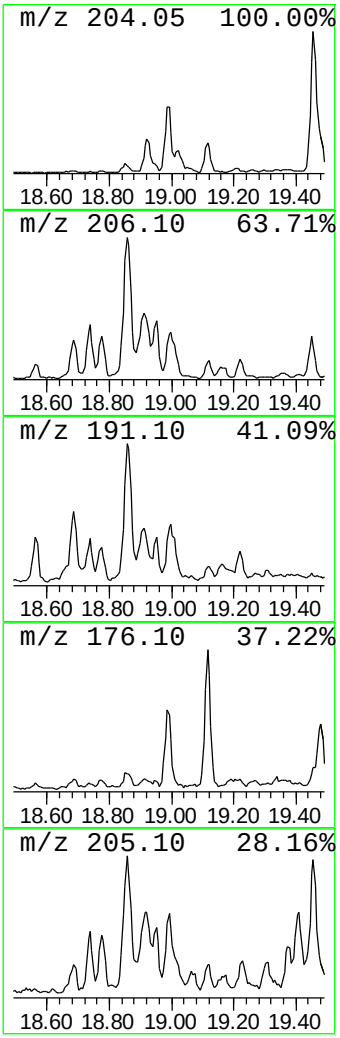
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	2.28 ng/ul	536815	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	46
3	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	42
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	38
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	30





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Acq On : 16 Oct 2019 22:09
Operator : JU
Sample : K5262-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB70

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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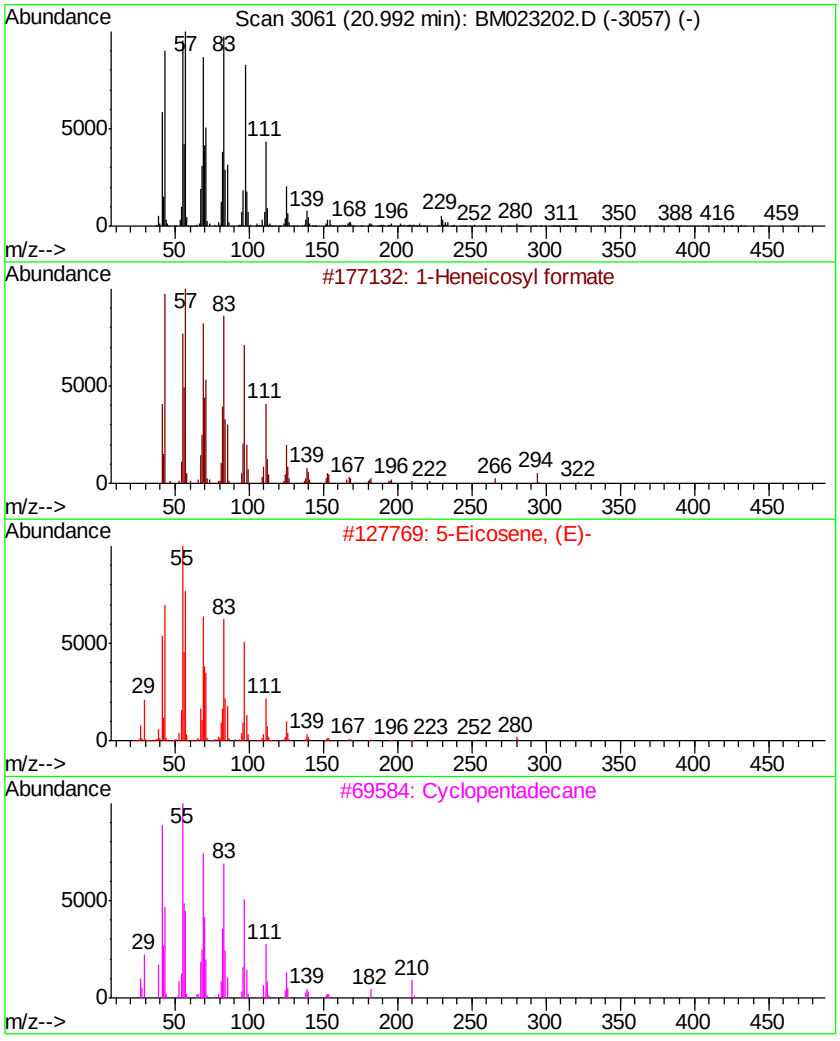
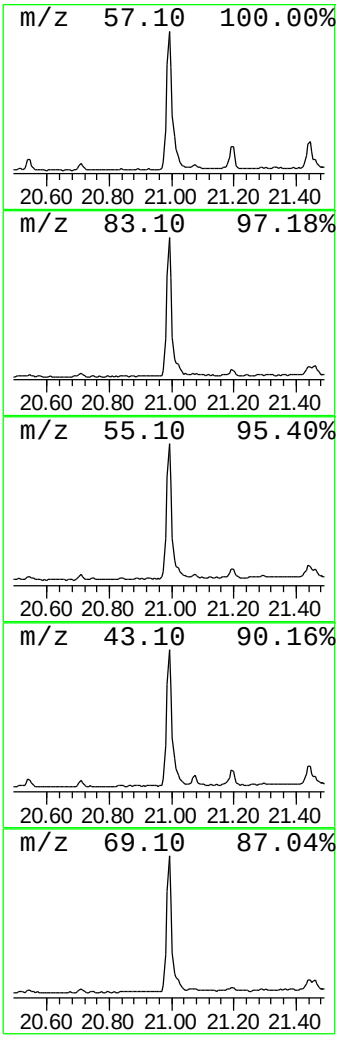
Peak Number 9 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	15.03 ng/ul	7157570	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	97
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	Cyclopentadecane	210	C15H30	000295-48-7	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





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Acq On : 16 Oct 2019 22:09
Operator : JU
Sample : K5262-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB70

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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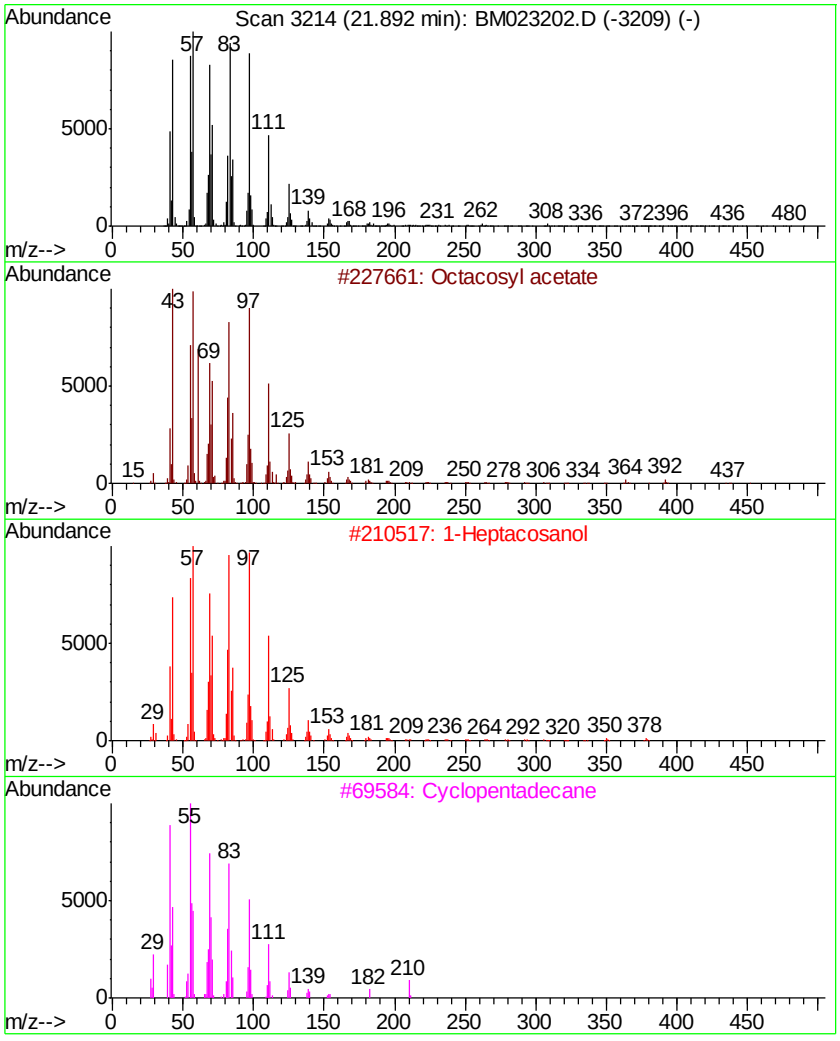
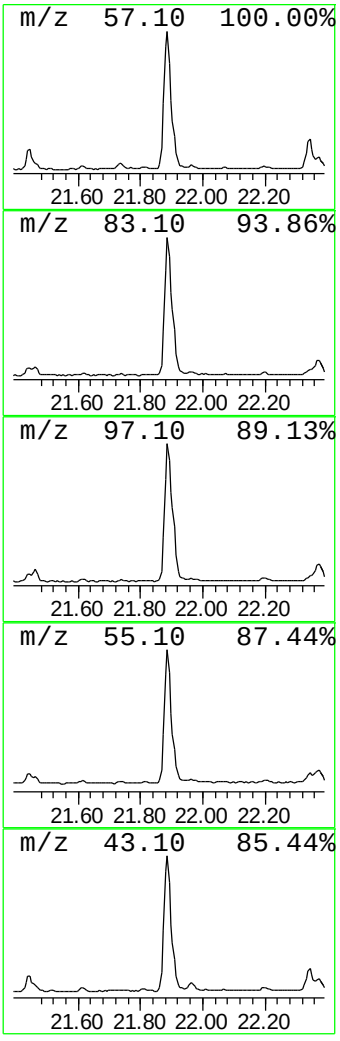
Peak Number 10 Octacosyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	18.49 ng/ul	8808770	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl acetate	452	C30H60O2	018206-97-8	99
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	Cyclopentadecane	210	C15H30	000295-48-7	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Behenic alcohol	326	C22H46O	000661-19-8	93





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Operator : JU
Sample : K5262-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB70

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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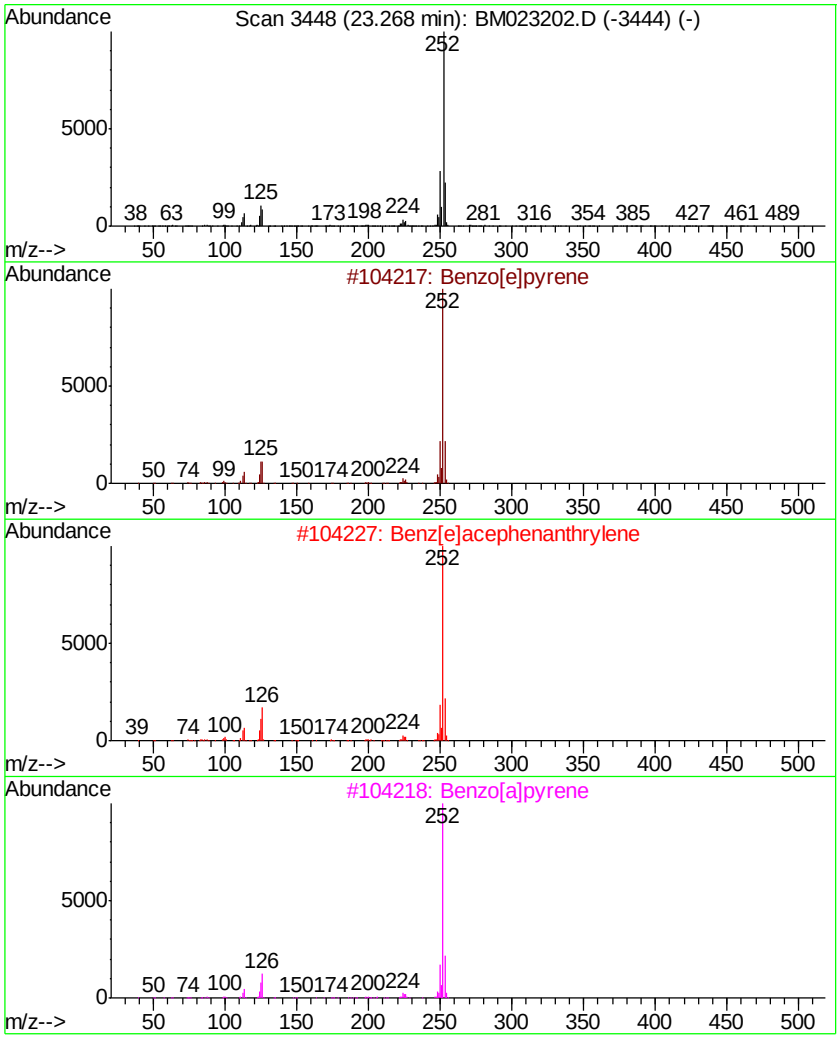
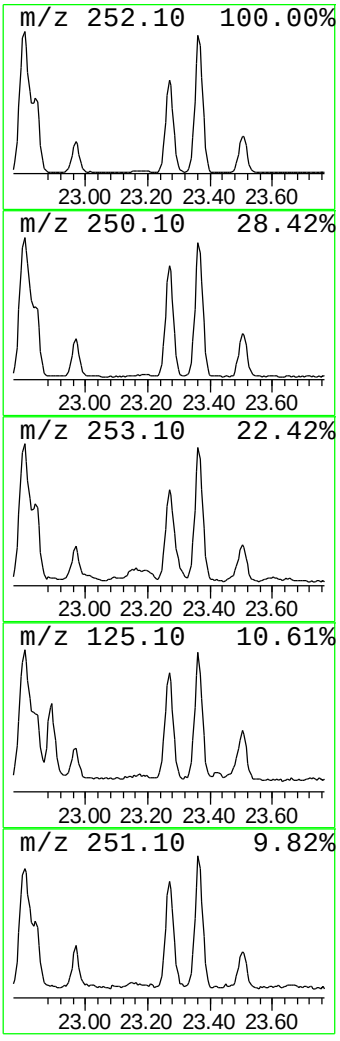
Peak Number 11 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	7.89 ng/ul	1813410	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Library Search Compound Report

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Acq On : 16 Oct 2019 22:09
Operator : JU
Sample : K5262-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB70

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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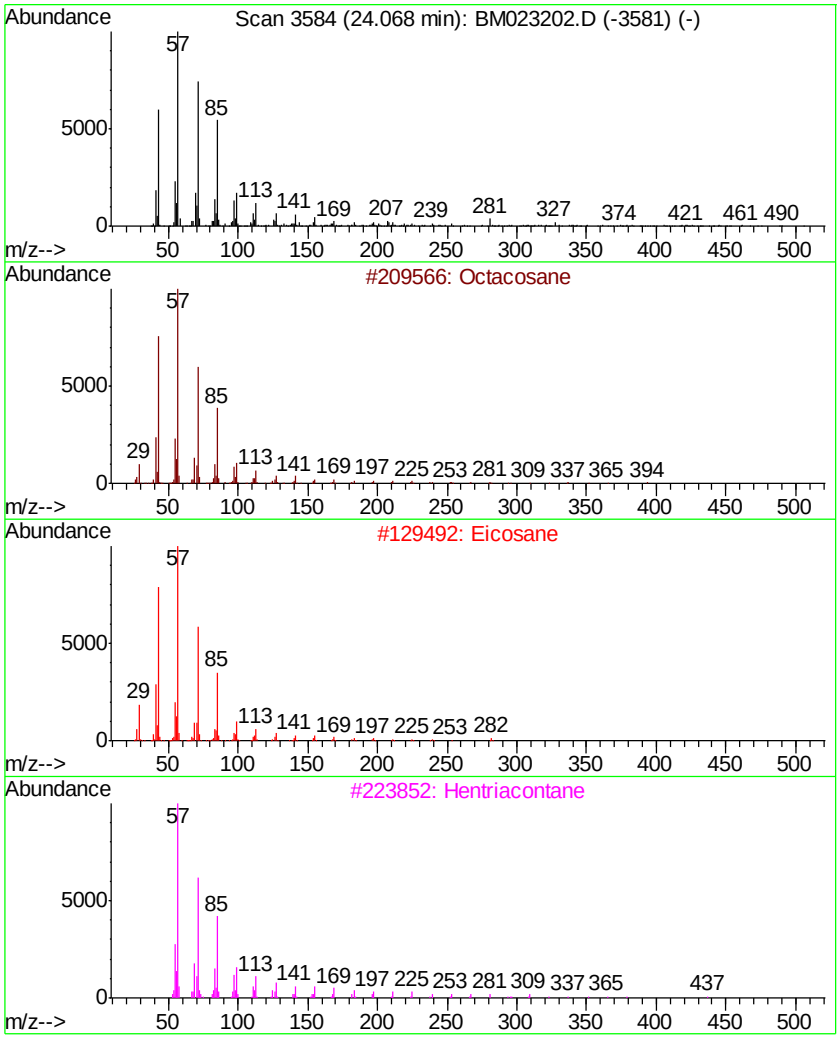
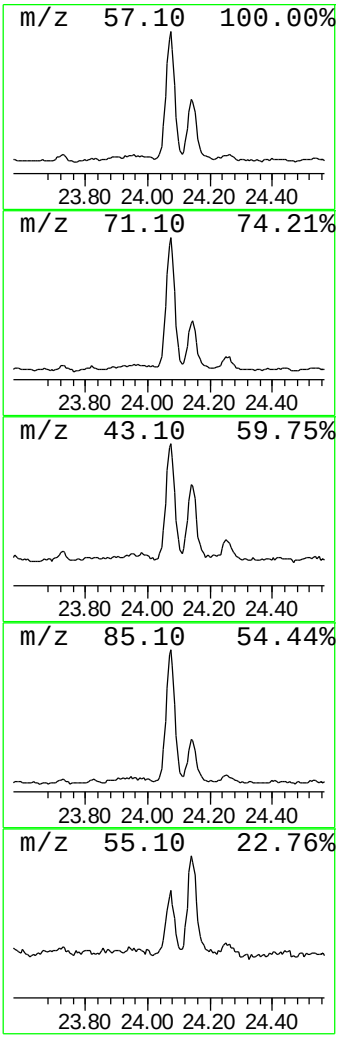
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	6.32 ng/ul	1452710	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	94
2	Eicosane	282	C20H42	000112-95-8	93
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90





Library Search Compound Report

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Operator : JU
Sample : K5262-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB70

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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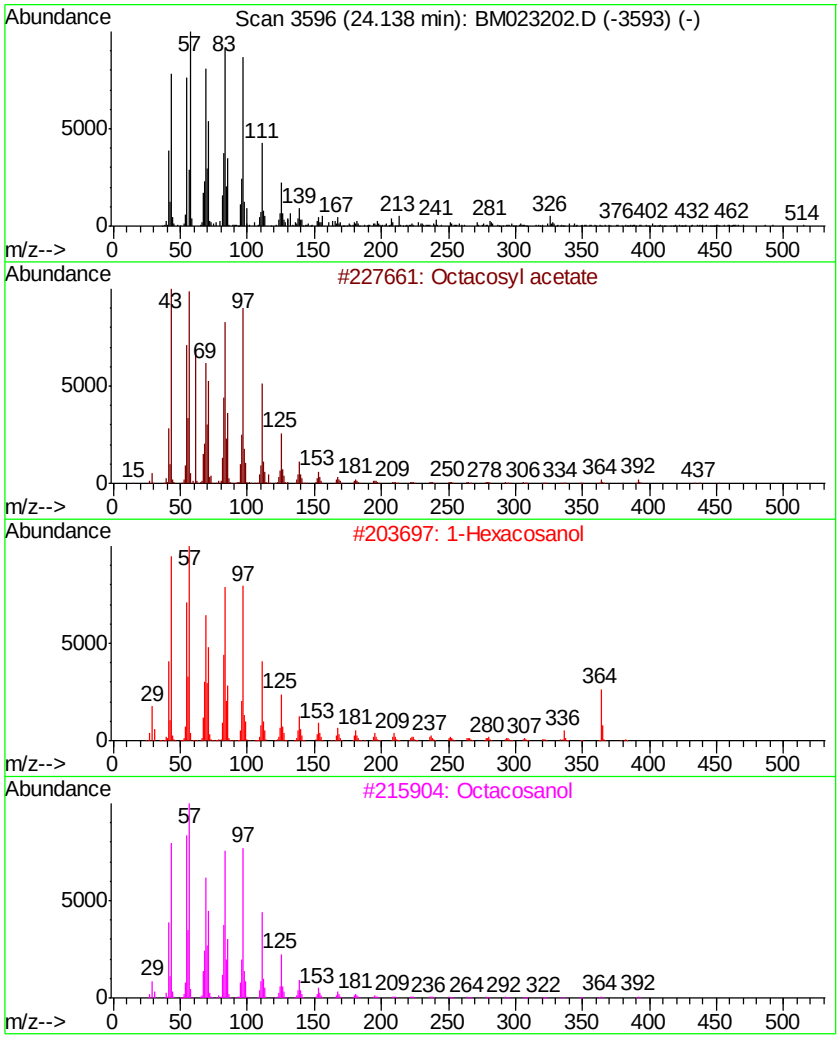
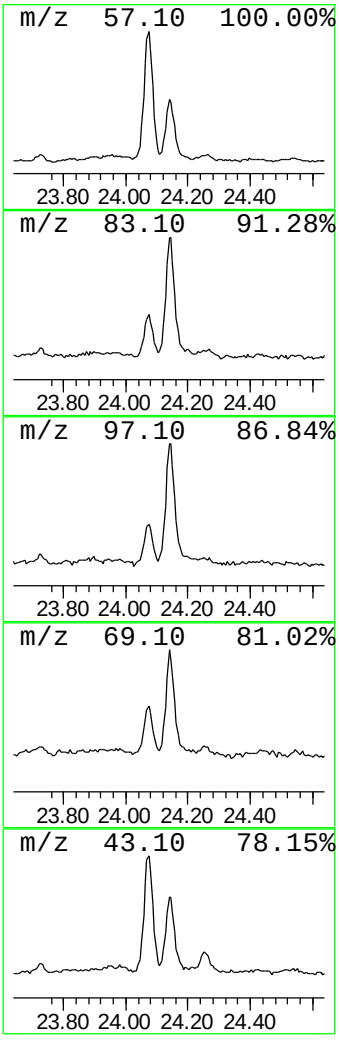
Peak Number 13 1-Hexacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	7.67 ng/ul	1762140	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl acetate	452	C30H60O2	018206-97-8	95
2	1-Hexacosanol	382	C26H54O	000506-52-5	90
3	Octacosanol	410	C28H58O	000557-61-9	90
4	Triacontyl acetate	480	C32H64O2	041755-58-2	90
5	1-Heptacosanol	396	C27H56O	002004-39-9	89





Tentatively Identified Compound (LSC) summary

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Data File : BM023202.D
Acq On : 16 Oct 2019 22:09
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB70

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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
unknown-01	3.68	2.8	ng/ul	340722	1	7.66	2460720	20.0
Anthracene, 1-met...	17.93	3.0	ng/ul	718720	4	17.06	4716390	20.0
Phenanthrene, 2-m...	17.98	7.8	ng/ul	1847870	4	17.06	4716390	20.0
1H-Cyclopropa[l]p...	18.06	2.2	ng/ul	509665	4	17.06	4716390	20.0
4H-Cyclopenta[def...	18.12	5.8	ng/ul	1378010	4	17.06	4716390	20.0
Phenanthrene, 1-m...	18.16	2.3	ng/ul	548333	4	17.06	4716390	20.0
Phenanthrene, 2,5...	18.86	3.3	ng/ul	775043	4	17.06	4716390	20.0
Cyclopenta(def)ph...	18.99	2.3	ng/ul	536815	4	17.06	4716390	20.0
1-Heneicosyl formate	20.99	15.0	ng/ul	7157570	5	21.24	9526070	20.0
Octacosyl acetate	21.89	18.5	ng/ul	8808770	5	21.24	9526070	20.0
Benzo[e]pyrene	23.27	7.9	ng/ul	1813410	6	23.46	4594530	20.0
(DEL) Alkane: Str...	24.07	6.3	ng/ul	1452710	6	23.46	4594530	20.0
1-Hexacosanol	24.14	7.7	ng/ul	1762140	6	23.46	4594530	20.0