LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021297.D
Acq On : 30 Jun 2019 14:08
Operator : HP/JU
Sample : K3590-12
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB1

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-BM061419MA.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	3.016	3	5	11	rVB	2496908	2755538	14.92%	1.547%
2	4.404	236	241	252	rVB	315799	448714	2.43%	0.252%
3	6.857	653	658	663	rVB	225272	307652	1.67%	0.173%
4	6.934	664	671	681	rVB	785620	1289624	6.98%	0.724%
5	7.098	693	699	711	rVB	593757	930944	5.04%	0.523%
6	7.292	725	732	739	rBV	810325	1288125	6.97%	0.723%
7	7.757	804	811	818	rBV	1290931	2012698	10.90%	1.130%
8	8.463	925	931	940	rBV	870747	1422198	7.70%	0.799%
9	8.922	1001	1009	1020	rBV	792712	1319569	7.14%	0.741%
10	9.281	1064	1070	1076	rBV	175799	247975	1.34%	0.139%
11	9.633	1121	1130	1140	rBV	692842	1173624	6.35%	0.659%
12	10.169	1214	1221	1230	rBV	1145118	1895275	10.26%	1.064%
13	10.545	1277	1285	1291	rBV	1825227	3022618	16.37%	1.697%
14	10.692	1303	1310	1327	rVB	819464	1457923	7.89%	0.819%
15	11.769	1488	1493	1504	rVB	114085	167082	0.90%	0.094%
16	13.286	1743	1751	1756	rVV	109392	191129	1.03%	0.107%
17	13.780	1829	1835	1836	rBV2	99712	136584	0.74%	0.077%
18	13.816	1836	1841	1845	rVV	1897471	2740896	14.84%	1.539%
19	13.857	1845	1848	1855	rVB	346794	477385	2.58%	0.268%
20	14.092	1881	1888	1901	rVB	2313619	3438609	18.62%	1.931%
21	14.398	1929	1940	1947	rBV2	2479843	4066226	22.02%	2.283%
22	14.463	1947	1951	1959	rVB	228970	341299	1.85%	0.192%
23	14.621	1971	1978	1988	rBV	515212	926976	5.02%	0.521%
24	14.798	1999	2008	2013	rBV	158361	276658	1.50%	0.155%
25	15.398	2104	2110	2115	rVV	2837204	4037370	21.86%	2.267%
26	15.451	2115	2119	2127	rVV	236472	359487	1.95%	0.202%
27	15.527	2127	2132	2138	rVV	435911	653480	3.54%	0.367%
28	15.615	2143	2147	2157	rVV6	59790	177613	0.96%	0.100%
29	15.745	2165	2169	2175	rVB	110139	164570	0.89%	0.092%
30	15.892	2190	2194	2199	rBV	94147	160359	0.87%	0.090%
31	16.127	2226	2234	2241	rVB7	53902	134025	0.73%	0.075%
32	16.468	2278	2292	2296	rBV5	111839	333521	1.81%	0.187%
33	16.592	2309	2313	2320	rVB5	68460	120357	0.65%	0.068%
34	16.686	2320	2329	2332	rBV4	81831	172860	0.94%	0.097%

LSC Area Percent Report

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Data File : BM021297.D
Acq On : 30 Jun 2019 14:08
Operator : HP/JU
Sample : K3590-12
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB1

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-BM061419MA.M
Title : SVOA CALIBRATION

35	16.809	2345	2350	2356	rVV	254054	383848	2.08%	0.216%
36	16.898	2357	2365	2370	rVV4	82280	236451	1.28%	0.133%
37	16.968	2372	2377	2384	rVB	216098	334913	1.81%	0.188%
38	17.151	2402	2408	2412	rBV2	2769371	4188454	22.68%	2.352%
39	17.192	2412	2415	2420	rVV	4550766	6314117	34.19%	3.546%
40	17.251	2420	2425	2429	rVV	2588622	3868891	20.95%	2.173%
41	17.286	2429	2431	2435	rVB	503514	533364	2.89%	0.300%
42	17.527	2468	2472	2474	rBV2	194334	255676	1.38%	0.144%
43	17.557	2474	2477	2487	rVB	320211	534010	2.89%	0.300%
44	17.668	2492	2496	2502	rVB3	128332	183398	0.99%	0.103%
45	17.733	2502	2507	2517	rVB4	90234	168045	0.91%	0.094%
46	18.027	2552	2557	2561	rVV2	564665	1029776	5.58%	0.578%
47	18.074	2561	2565	2570	rVV	705456	996725	5.40%	0.560%
48	18.156	2575	2579	2584	rVB	123099	177243	0.96%	0.100%
49	18.221	2584	2590	2594	rBV2	663261	1205228	6.53%	0.677%
50	18.256	2594	2596	2603	rVB	323122	388288	2.10%	0.218%
51	18.333	2605	2609	2613	rBV4	77841	117761	0.64%	0.066%
52	18.380	2613	2617	2621	rBV2	74867	105304	0.57%	0.059%
53	18.527	2637	2642	2646	rBV	446196	615418	3.33%	0.346%
54	18.574	2646	2650	2660	rVB	886747	1207849	6.54%	0.678%
55	18.774	2680	2684	2688	rBV	135001	189471	1.03%	0.106%
56	18.821	2689	2692	2696	rVB	112474	139703	0.76%	0.078%
57	18.903	2702	2706	2709	rBV	292840	396008	2.14%	0.222%
58	18.945	2709	2713	2719	rVV2	155352	261899	1.42%	0.147%
59	19.056	2727	2732	2735	rBV2	265957	437053	2.37%	0.245%
60	19.092	2735	2738	2746	rVB	368633	539621	2.92%	0.303%
61	19.215	2751	2759	2764	rBV	8994212	11841801	64.12%	6.650%
62	19.315	2772	2776	2780	rBV2	162902	246477	1.33%	0.138%
63	19.415	2788	2793	2796	rBV3	176382	290760	1.57%	0.163%
64	19.456	2796	2800	2804	rVV	180778	263455	1.43%	0.148%
65	19.545	2810	2815	2818	rBV2	3692584	6034114	32.67%	3.389%
66	19.580	2818	2821	2828	rVV	6870305	8464825	45.83%	4.754%
67	19.645	2828	2832	2840	rVB2	336417	500161	2.71%	0.281%
68	19.756	2847	2851	2856	rVB	396484	530005	2.87%	0.298%
69	19.898	2869	2875	2882	rBV2	402545	1048561	5.68%	0.589%
70	20.033	2893	2898	2900	rBV3	323723	539341	2.92%	0.303%
71	20.068	2901	2904	2909	rVB	812622	1194732	6.47%	0.671%

LSC Area Percent Report

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Acq On : 30 Jun 2019 14:08
Operator : HP/JU
Sample : K3590-12
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB1

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-BM061419MA.M
Title : SVOA CALIBRATION

72	20.174	2918	2922	2925	rBV	486326	630781	3.42%	0.354%
73	20.227	2925	2931	2935	rVV2	565882	1011911	5.48%	0.568%
74	20.268	2935	2938	2941	rVB	253781	320177	1.73%	0.180%
75	20.368	2952	2955	2959	rBV	248457	296759	1.61%	0.167%
76	20.415	2960	2963	2967	rVB	280082	340142	1.84%	0.191%
77	20.821	3028	3032	3037	rVB	851242	1093871	5.92%	0.614%
78	20.986	3055	3060	3063	rBV2	643311	941608	5.10%	0.529%
79	21.027	3063	3067	3068	rBV	579526	717627	3.89%	0.403%
80	21.121	3078	3083	3089	rVB2	927503	1359673	7.36%	0.764%
81	21.327	3112	3118	3124	rBV3	4649091	10619039	57.50%	5.963%
82	21.380	3124	3127	3136	rVB	4217510	5377503	29.12%	3.020%
83	21.492	3143	3146	3152	rVB	504201	661257	3.58%	0.371%
84	21.892	3212	3214	3217	rBV	290365	350893	1.90%	0.197%
85	21.944	3220	3223	3230	rVB3	671587	1225278	6.63%	0.688%
86	22.097	3246	3249	3251	rBV	292079	373246	2.02%	0.210%
87	22.186	3261	3264	3270	rVB2	659208	937144	5.07%	0.526%
88	22.386	3295	3298	3302	rVB3	474132	610851	3.31%	0.343%
89	22.621	3333	3338	3343	rBV	2994097	4372282	23.67%	2.455%
90	22.950	3382	3394	3404	rBV2	6525887	18469064	100.00%	10.372%
91	23.103	3417	3420	3426	rVB	496160	722560	3.91%	0.406%
92	23.421	3469	3474	3478	rBV	2086586	3674901	19.90%	2.064%
93	23.474	3478	3483	3486	rVV	2284456	4164177	22.55%	2.338%
94	23.521	3486	3491	3500	rVV	3448946	7126830	38.59%	4.002%
95	23.615	3502	3507	3512	rVV	2246515	4476158	24.24%	2.514%
96	23.668	3513	3516	3524	rVB2	853073	1466672	7.94%	0.824%
97	23.797	3534	3538	3546	rVB3	1034737	1696399	9.19%	0.953%
98	24.127	3589	3594	3600	rVB	1077334	2008851	10.88%	1.128%
99	25.915	3891	3898	3910	rVB	2106629	5922218	32.07%	3.326%
100	26.621	4012	4018	4025	rBV	968964	2691939	14.58%	1.512%

Sum of corrected areas: 178071520

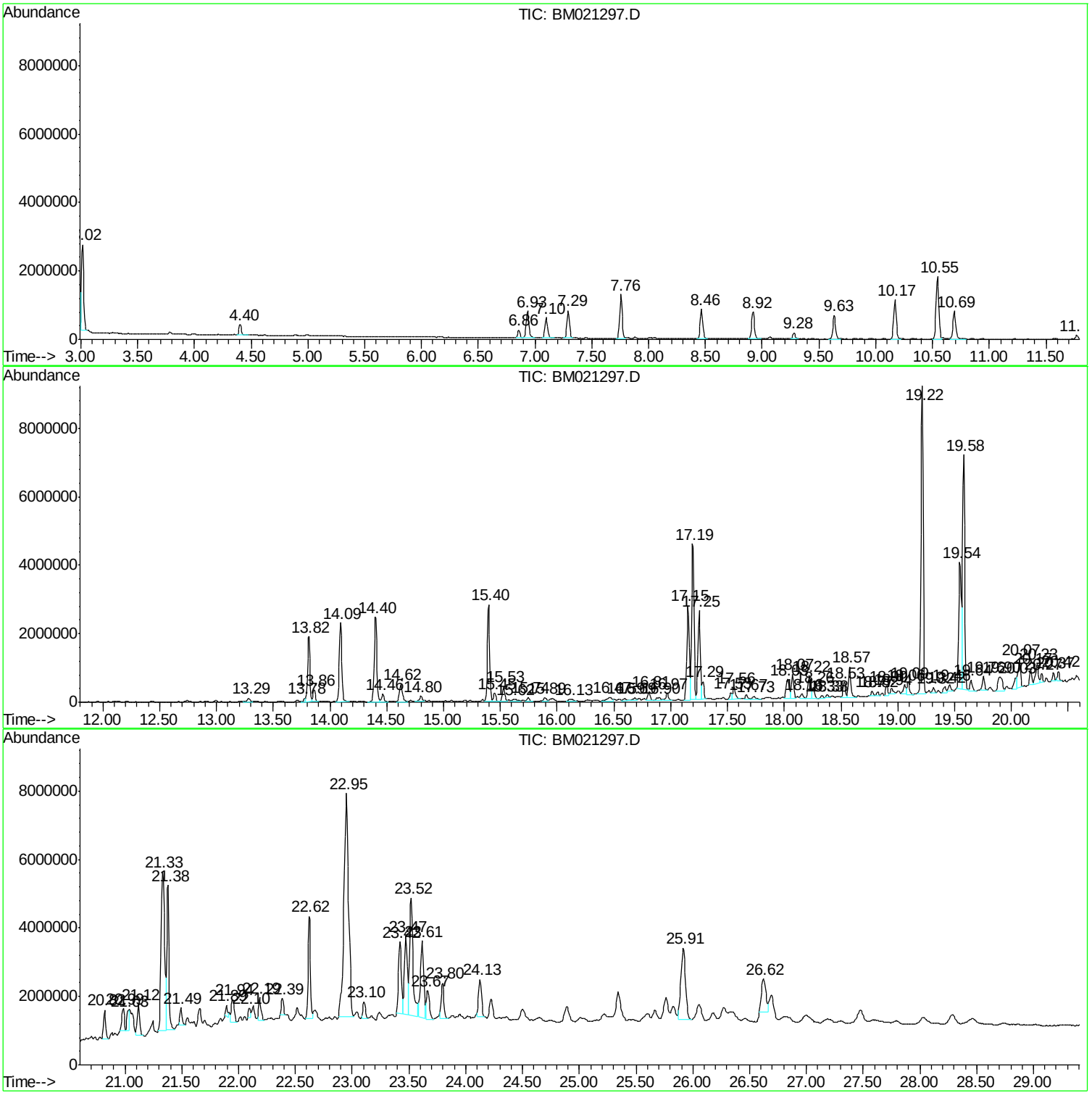
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021297.D
Acq On : 30 Jun 2019 14:08
Operator : HP/JU
Sample : K3590-12
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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\BM062919\
Data File : BM021297.D
Acq On : 30 Jun 2019 14:08
Operator : HP/JU
Sample : K3590-12
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

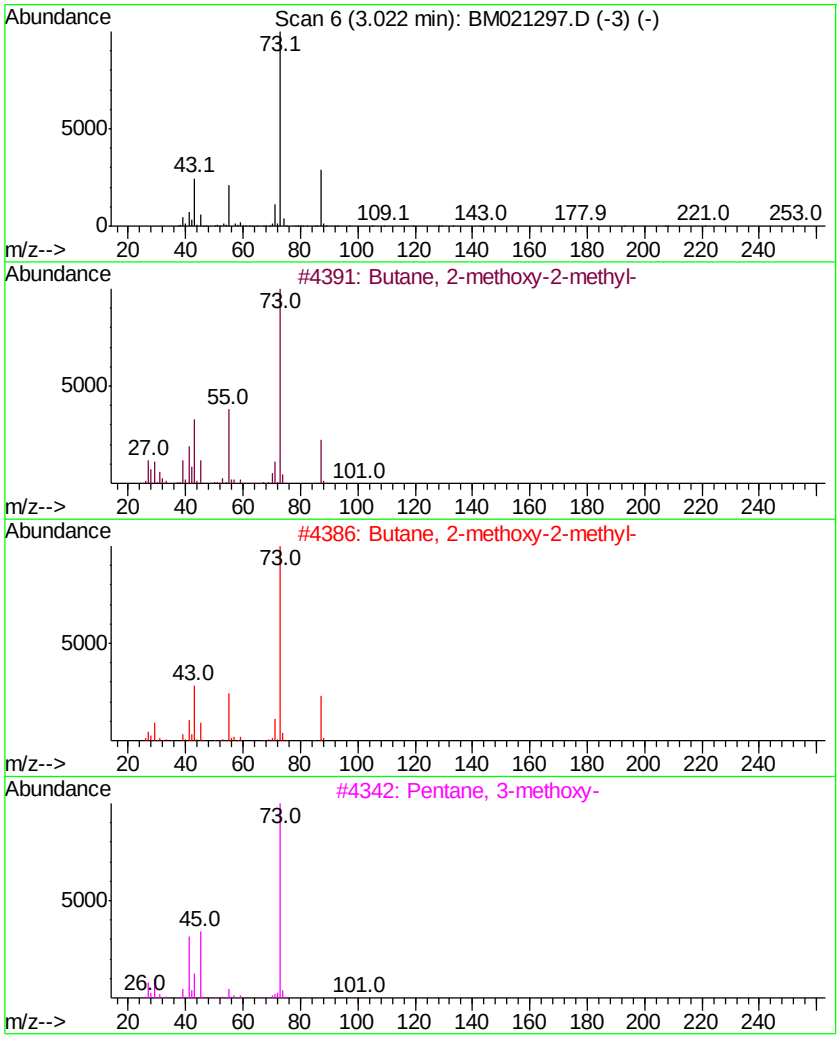
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

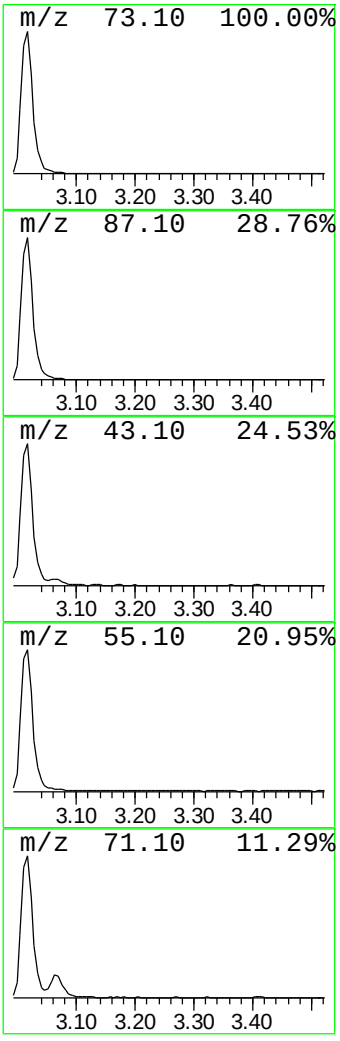
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	27.38 ng/ul	2755540	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021297.D
Acq On : 30 Jun 2019 14:08
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Sample : K3590-12
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

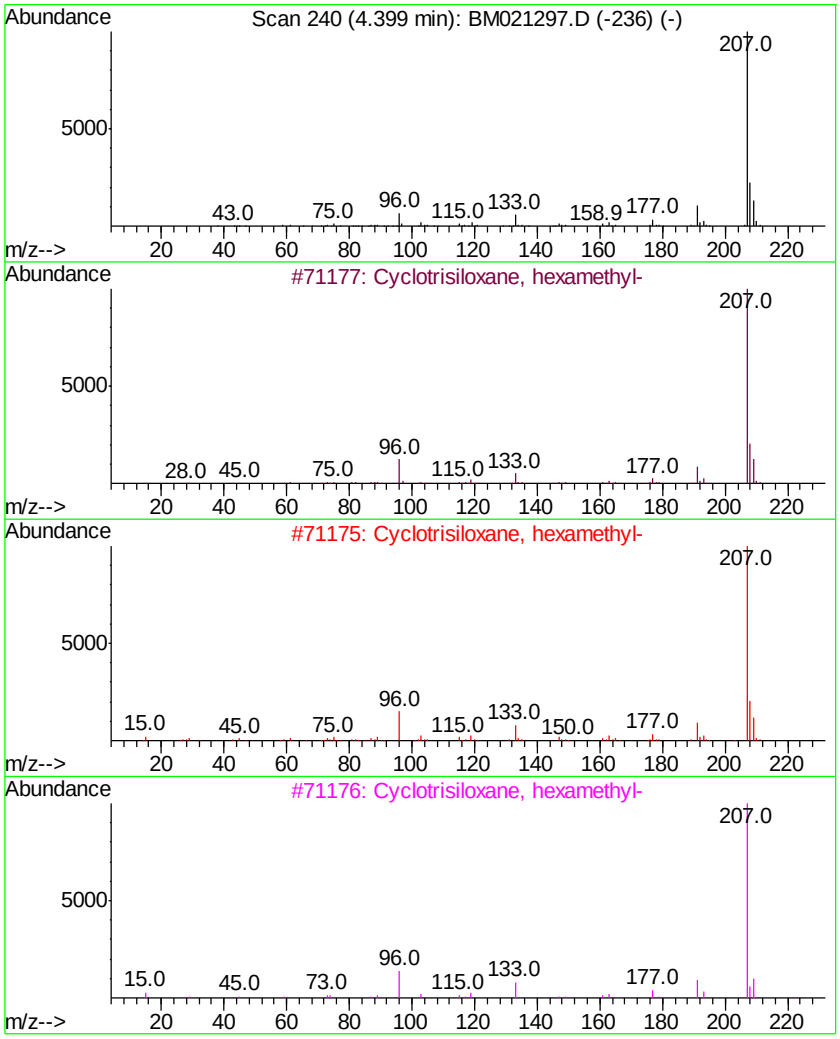
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

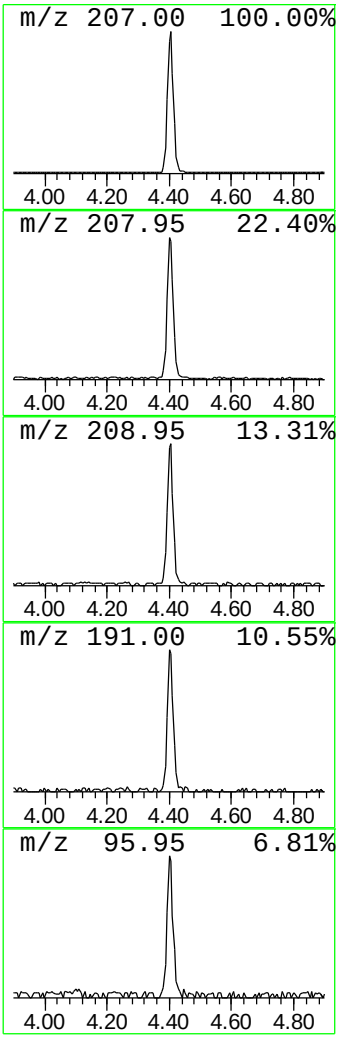
****

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	4.46 ng/ul	448714	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
4	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Acq On : 30 Jun 2019 14:08
Operator : HP/JU
Sample : K3590-12
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB1

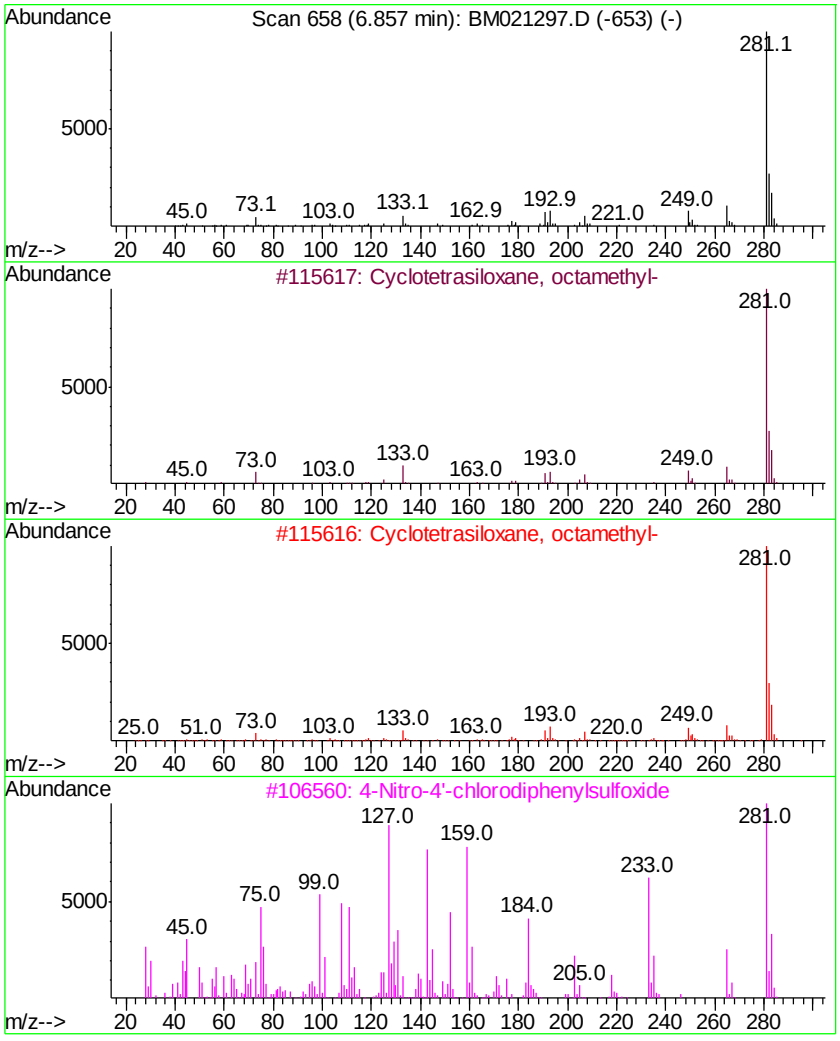
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

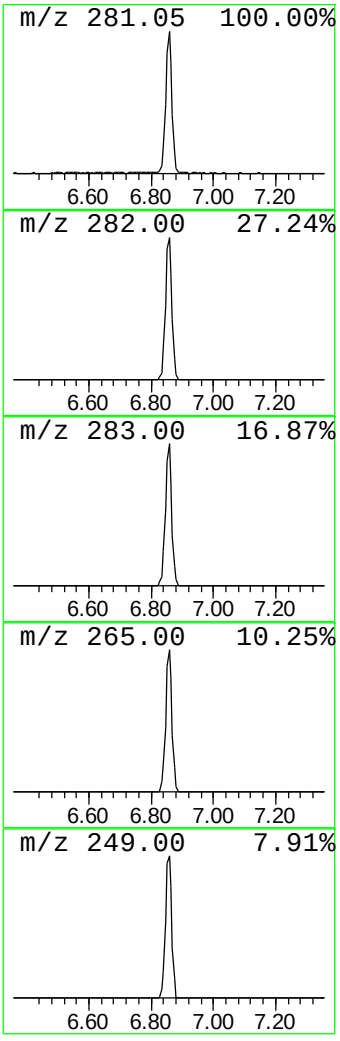
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclotetrasiloxane, octamet... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	3.06 ng/ul	307652	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
3	4-Nitro-4'-chlorodiphenylsulfoxide	281	C12H8ClNO3S	024535-53-3	53
4	4H-1,2,4-Triazole-3-thiol, 4-all...	281	C16H15N3S	031803-13-1	52
5	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021297.D
Acq On : 30 Jun 2019 14:08
Operator : HP/JU
Sample : K3590-12
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

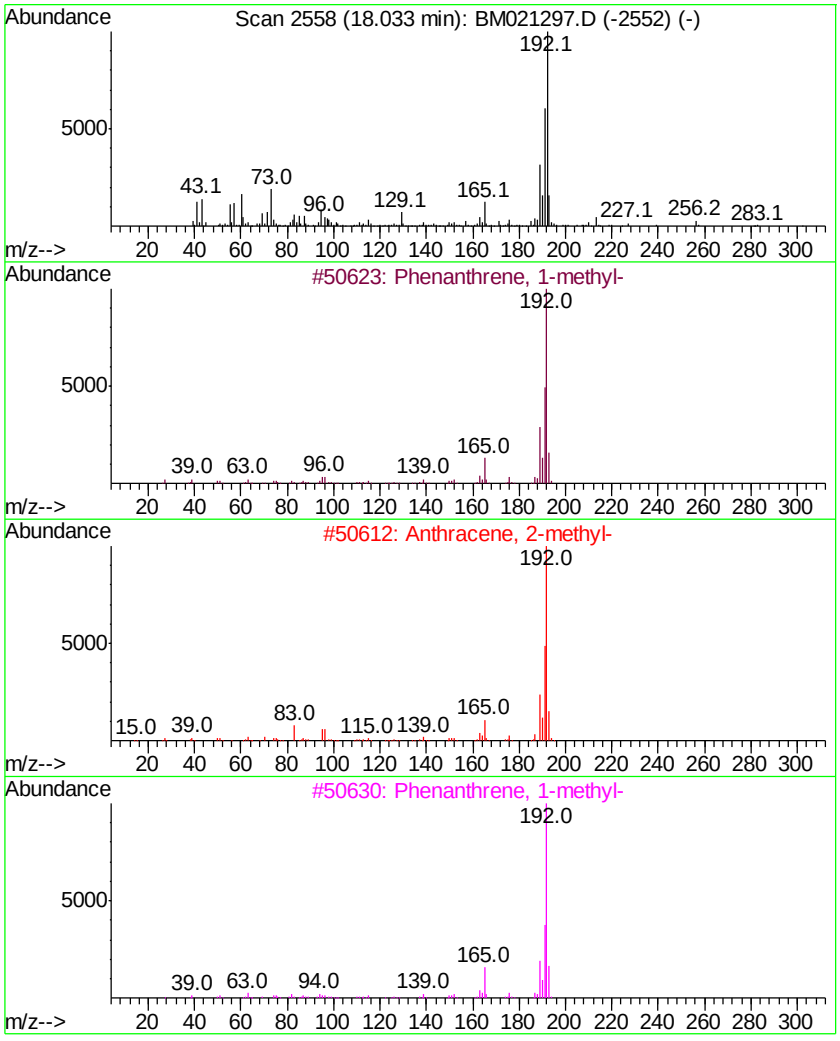
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

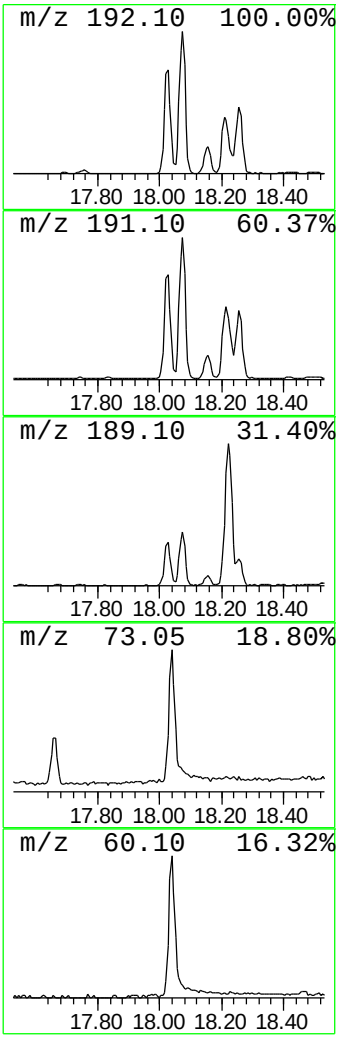
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	4.92 ng/ul	1029780	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021297.D
Acq On : 30 Jun 2019 14:08
Operator : HP/JU
Sample : K3590-12
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

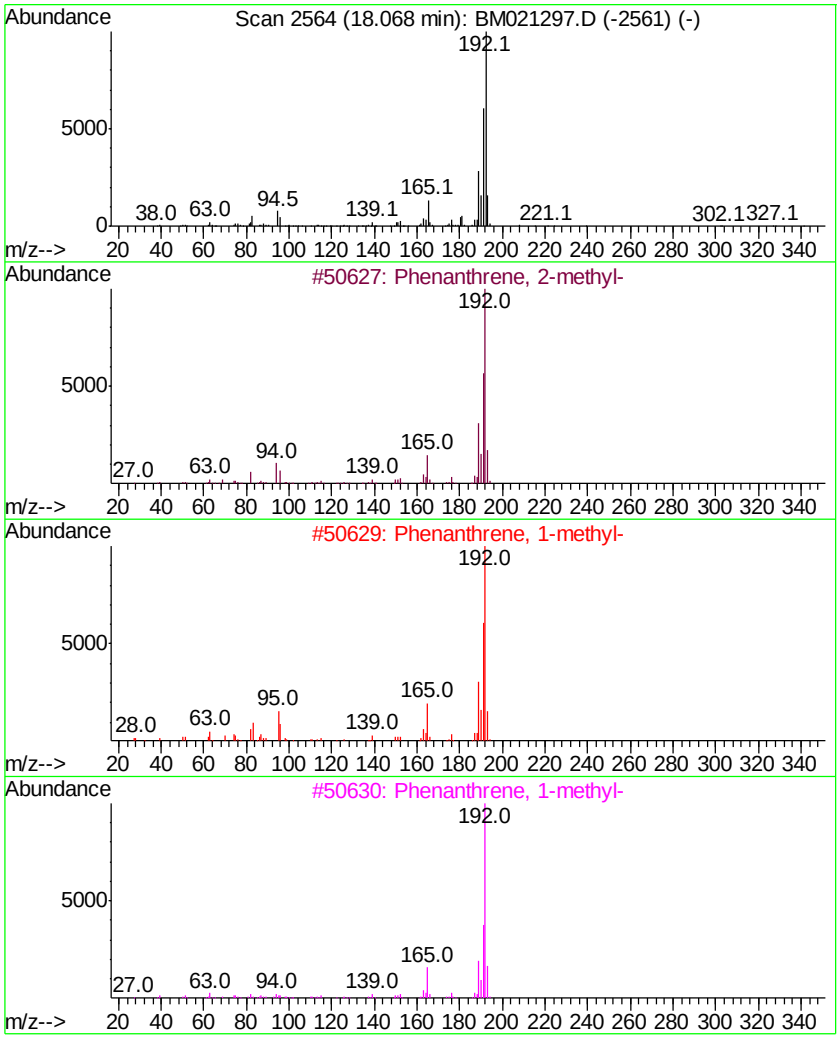
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

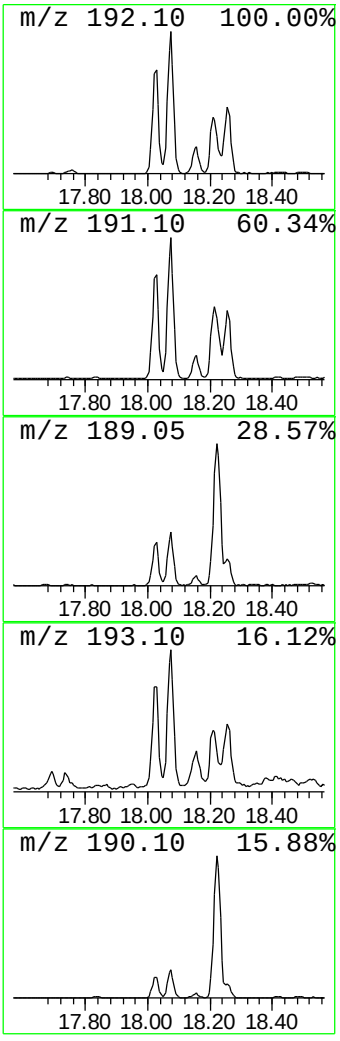
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	4.76 ng/ul	996725	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Misc :
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ClientSampleId : C5BB1

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Quant Title : SVOA CALIBRATION

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

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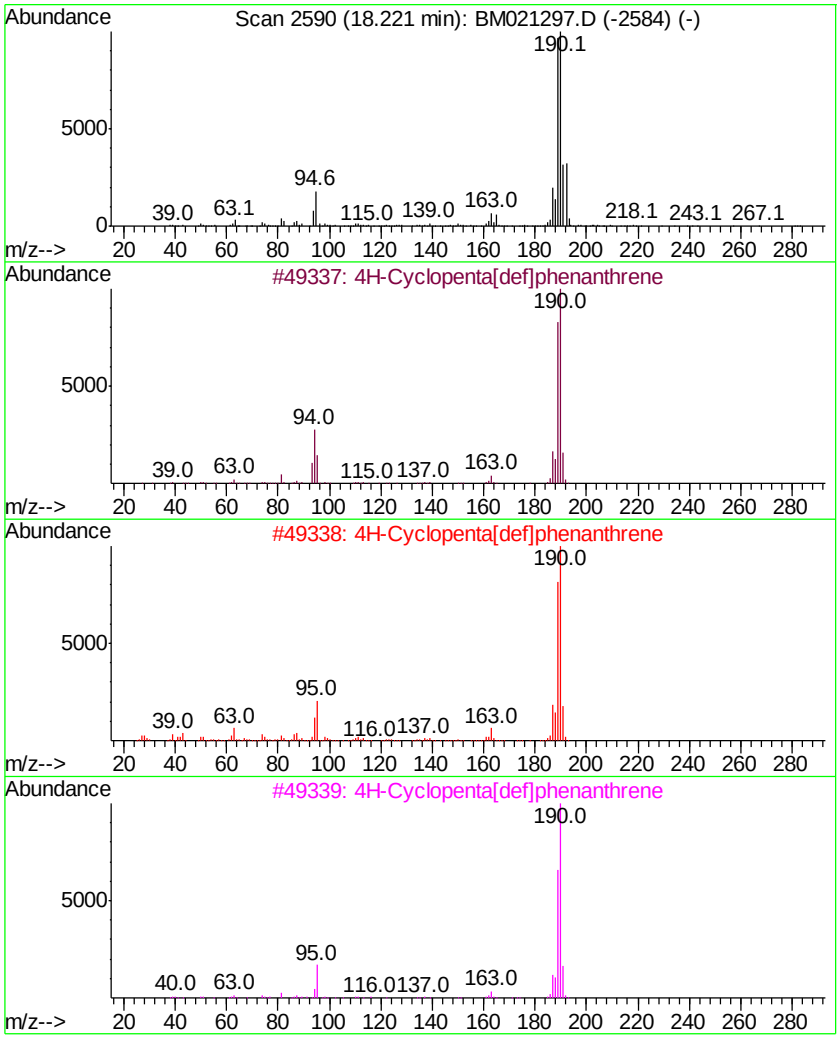
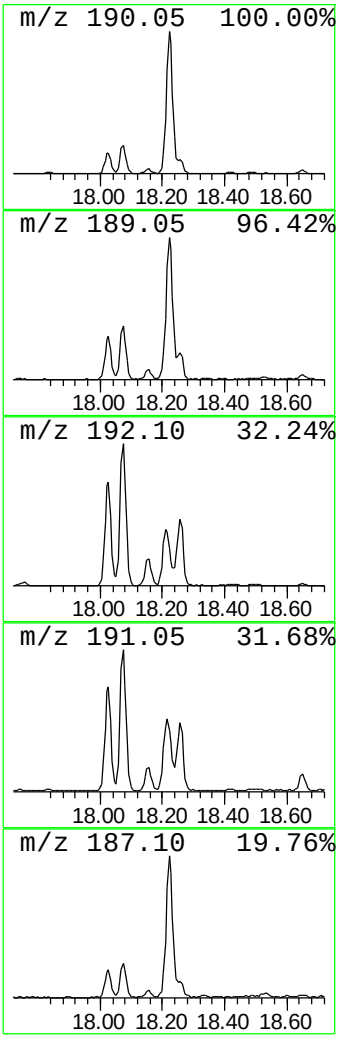
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	5.76 ng/ul	1205230	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52





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ClientSampleId : C5BB1

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Quant Title : SVOA CALIBRATION

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

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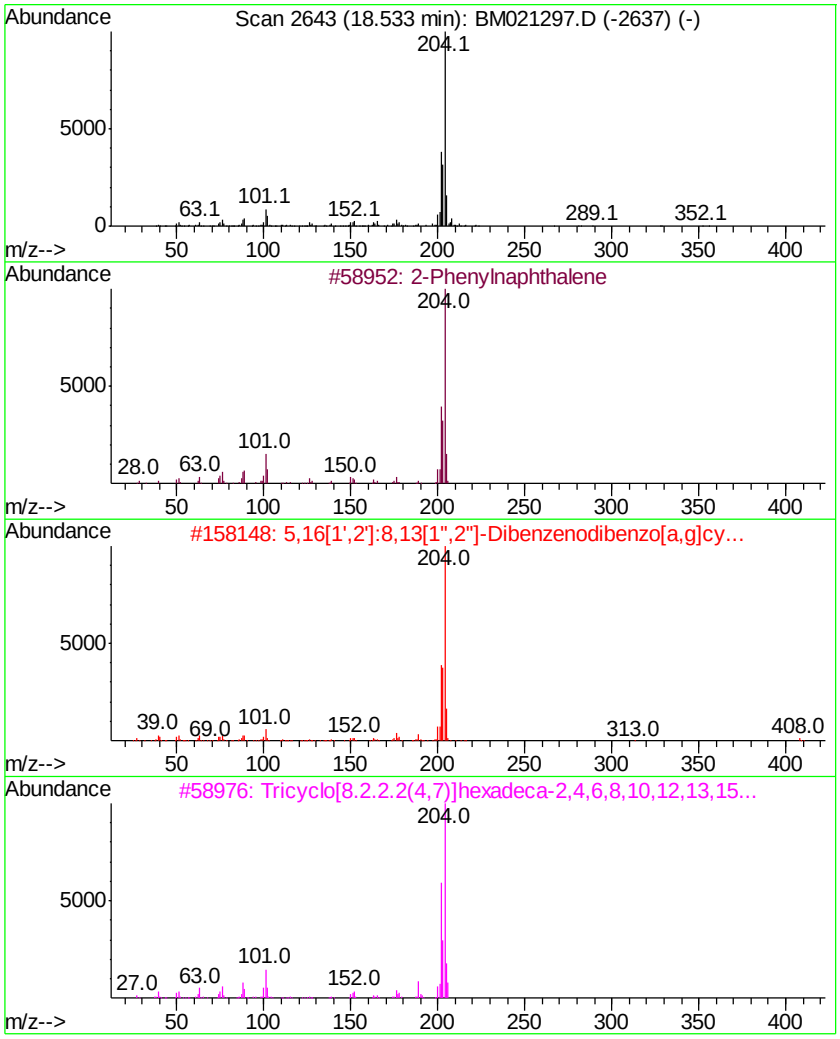
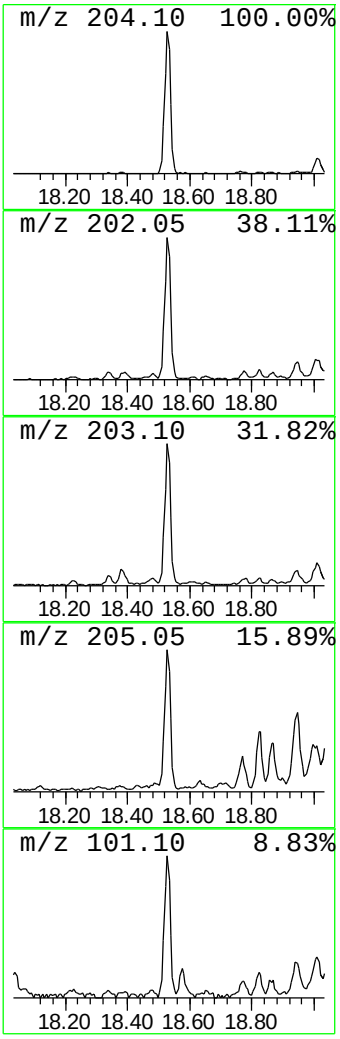
Peak Number 7 2-Phenylnaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	2.94 ng/ul	615418	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Quant Title : SVOA CALIBRATION

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

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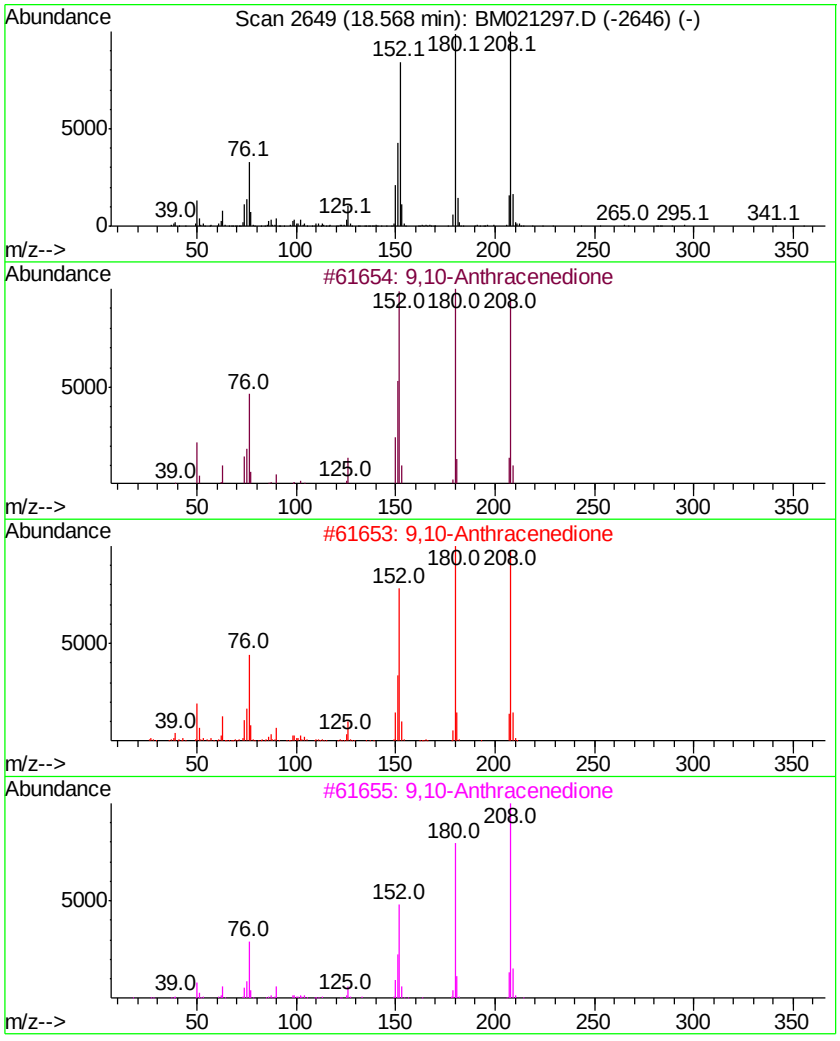
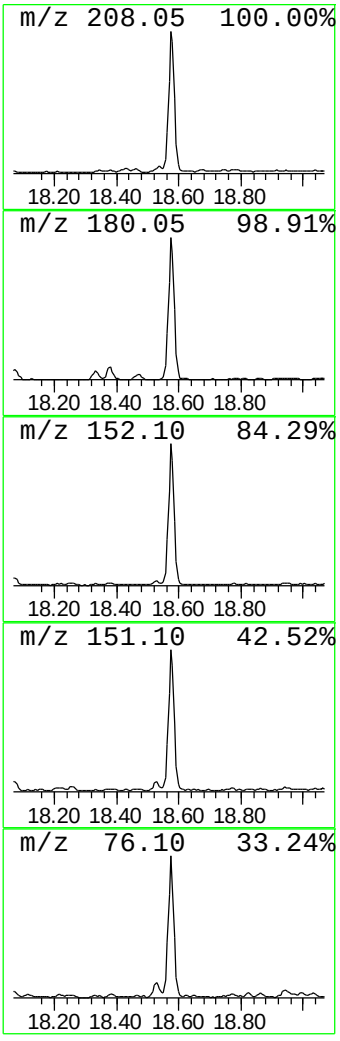
Peak Number 8 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	5.77 ng/ul	1207850	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83





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ClientSampleId : C5BB1

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Quant Title : SVOA CALIBRATION

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

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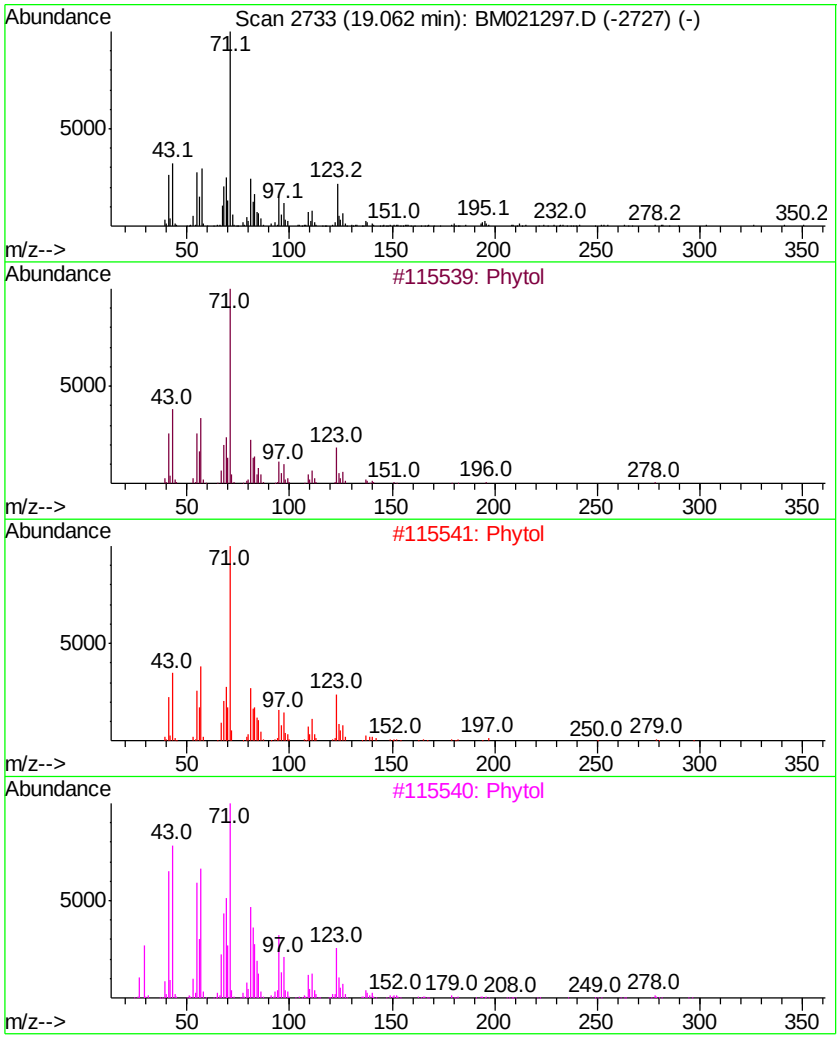
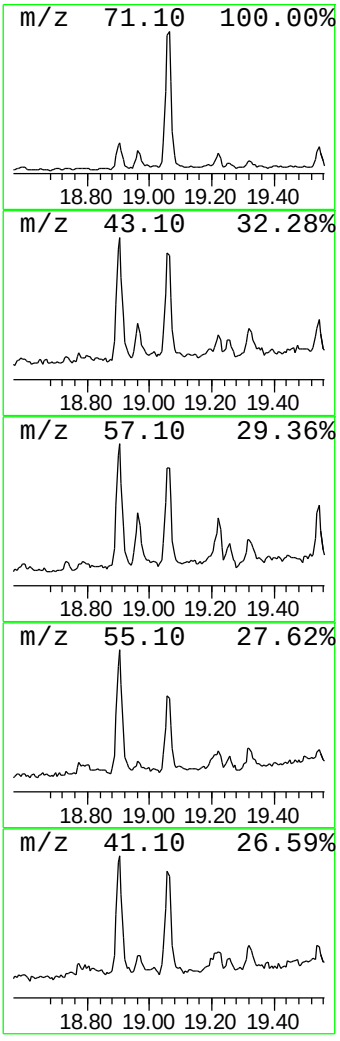
Peak Number 9 Phytol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	2.09 ng/ul	437053	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phytol	296	C20H40O	000150-86-7	91
2	Phytol	296	C20H40O	000150-86-7	87
3	Phytol	296	C20H40O	000150-86-7	58
4	Isophytol	296	C20H40O	000505-32-8	53
5	Cyclohexanol, 3,5-dimethyl-	128	C8H16O	005441-52-1	50





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Quant Title : SVOA CALIBRATION

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

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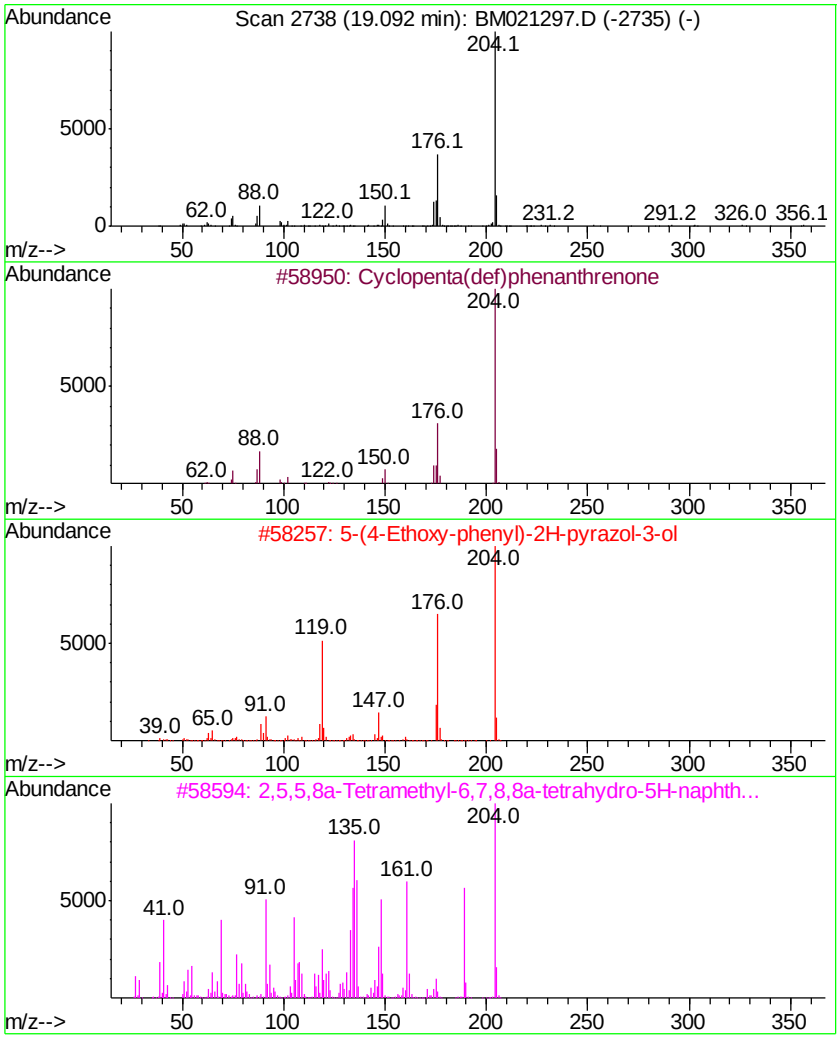
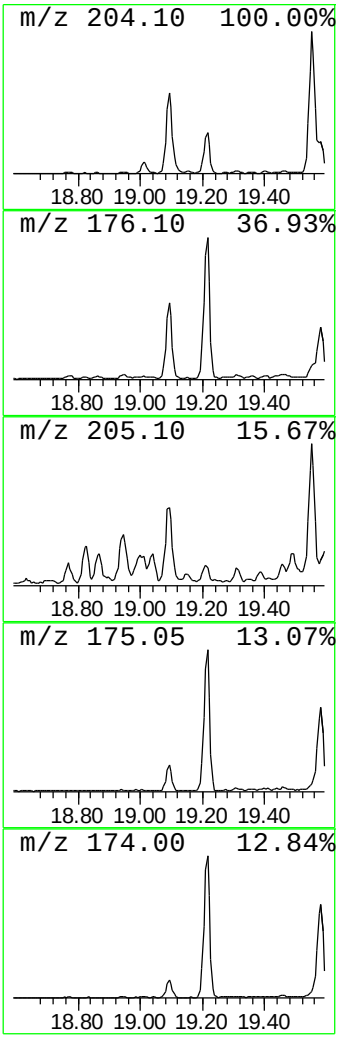
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	2.58 ng/ul	539621	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	64
3	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	43
4	Propanedinitrile, 2,2'-(2,5-cycl...	204	C12H4N4	001518-16-7	42
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





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Instrument : BNA_M
ClientSampleId : C5BB1

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Quant Title : SVOA CALIBRATION

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

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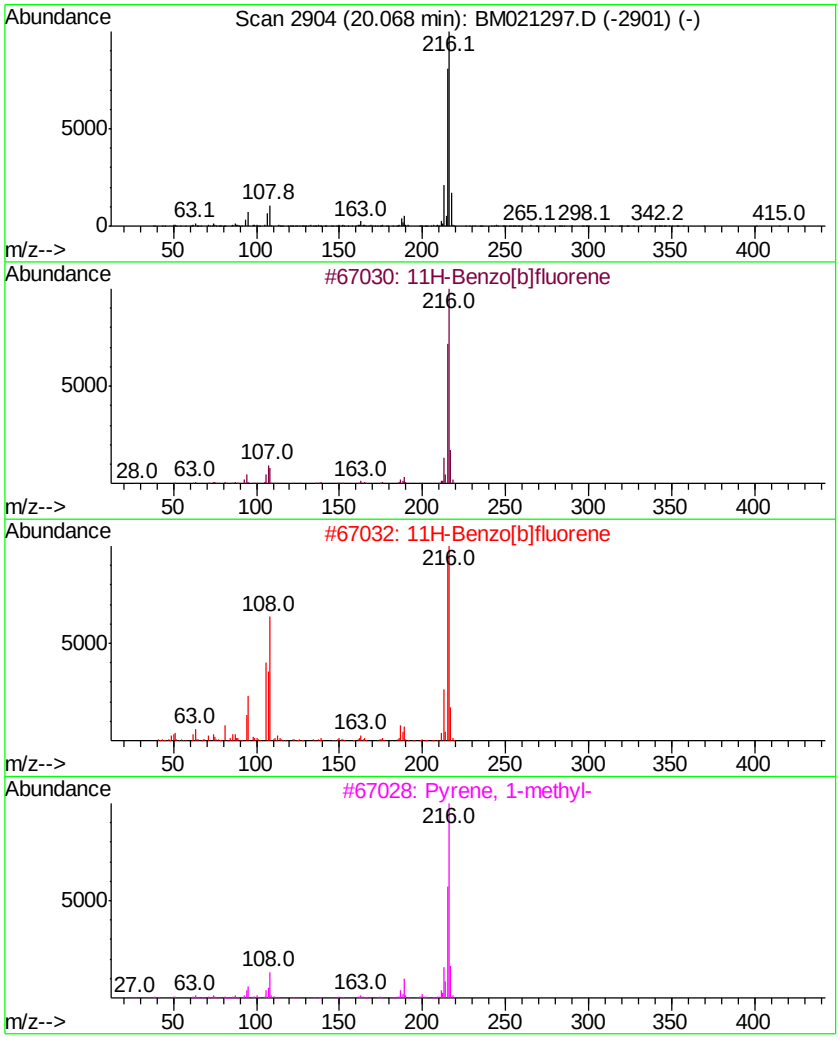
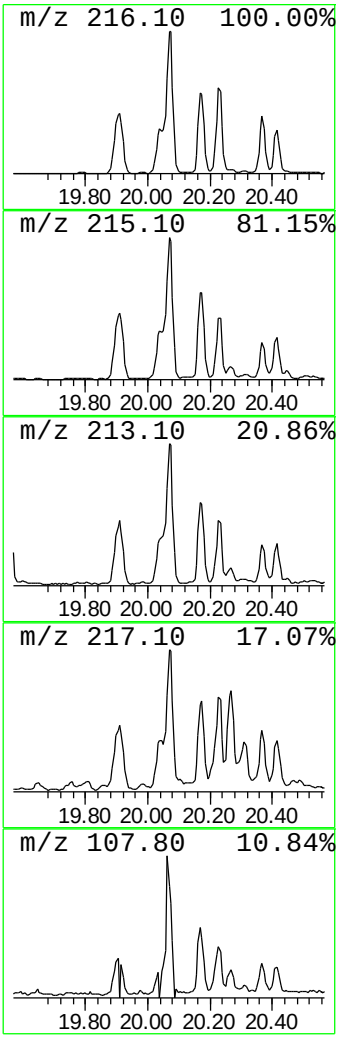
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	2.25 ng/ul	1194730	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





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Sample : K3590-12
Misc :
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Instrument : BNA_M
ClientSampleId : C5BB1

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Quant Title : SVOA CALIBRATION

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

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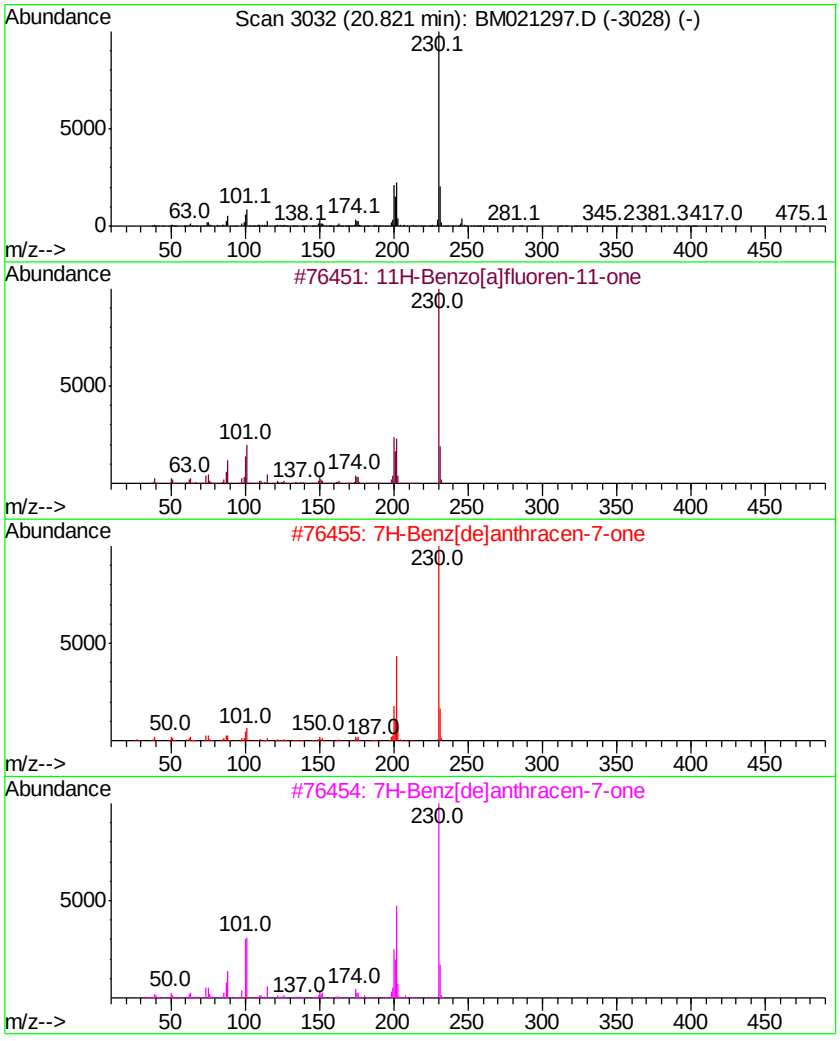
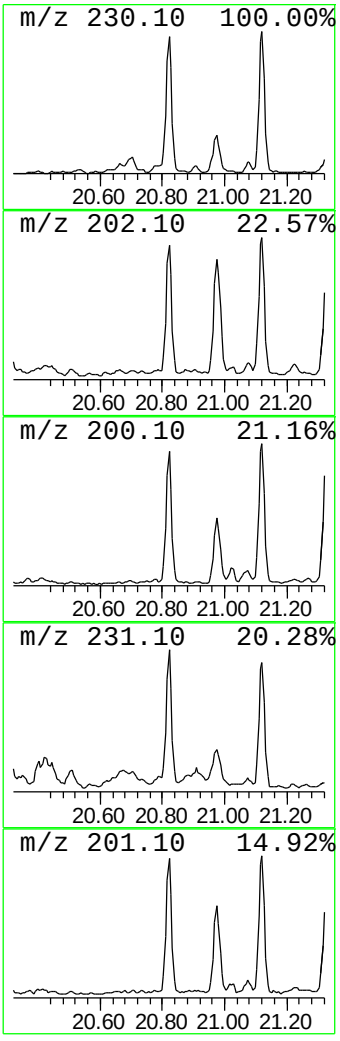
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.06 ng/ul	1093870	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
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	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





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Quant Title : SVOA CALIBRATION

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

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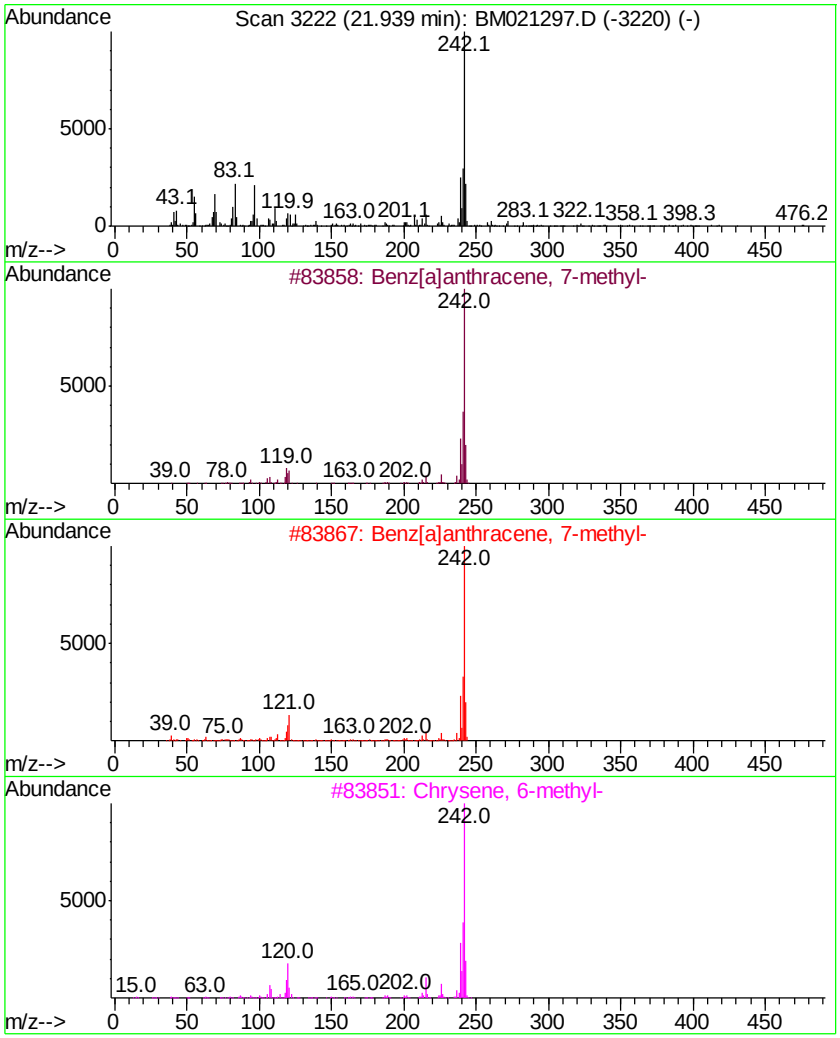
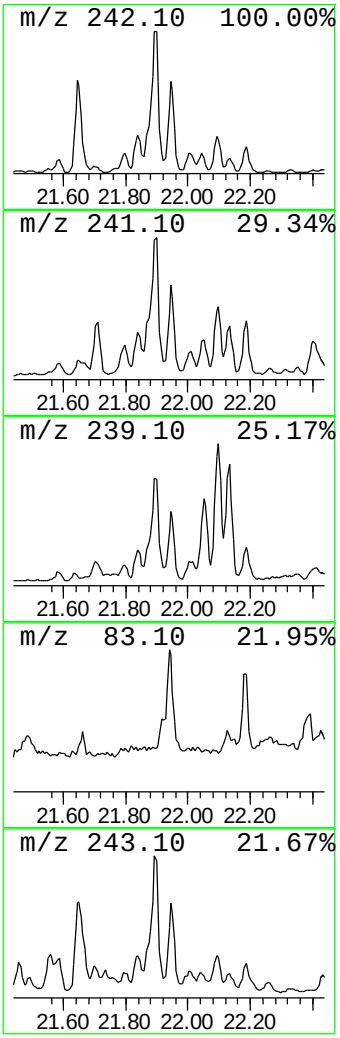
Peak Number 14 Benz[a]anthracene, 7-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	2.31 ng/ul	1225280	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89
3	Chrysene, 6-methyl-	242	C19H14	003697-24-3	89
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	86
5	Benz[a]anthracene, 3-methyl-	242	C19H14	002498-75-1	86





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Quant Title : SVOA CALIBRATION

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

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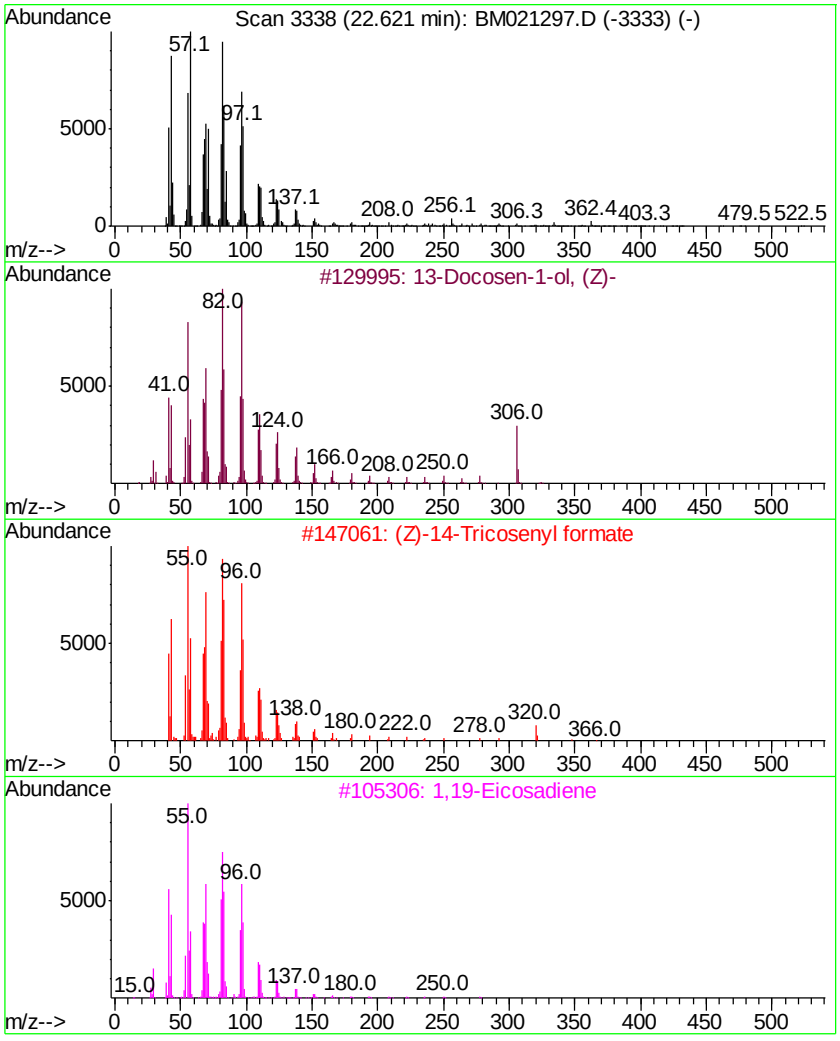
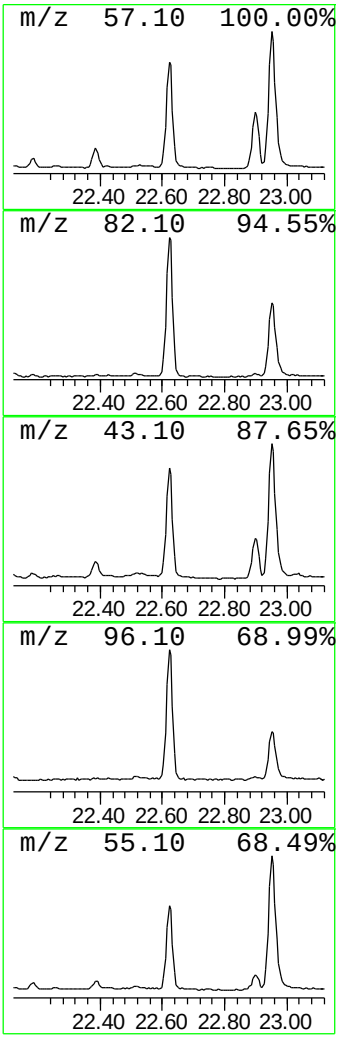
Peak Number 15 13-Docosen-1-ol, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	19.54 ng/ul	4372280	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosen-1-ol, (Z)-	324	C22H44O	000629-98-1	98
2	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	95
3	1,19-Eicosadiene	278	C20H38	014811-95-1	94
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Octadecanal	268	C18H36O	000638-66-4	91





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Quant Title : SVOA CALIBRATION

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

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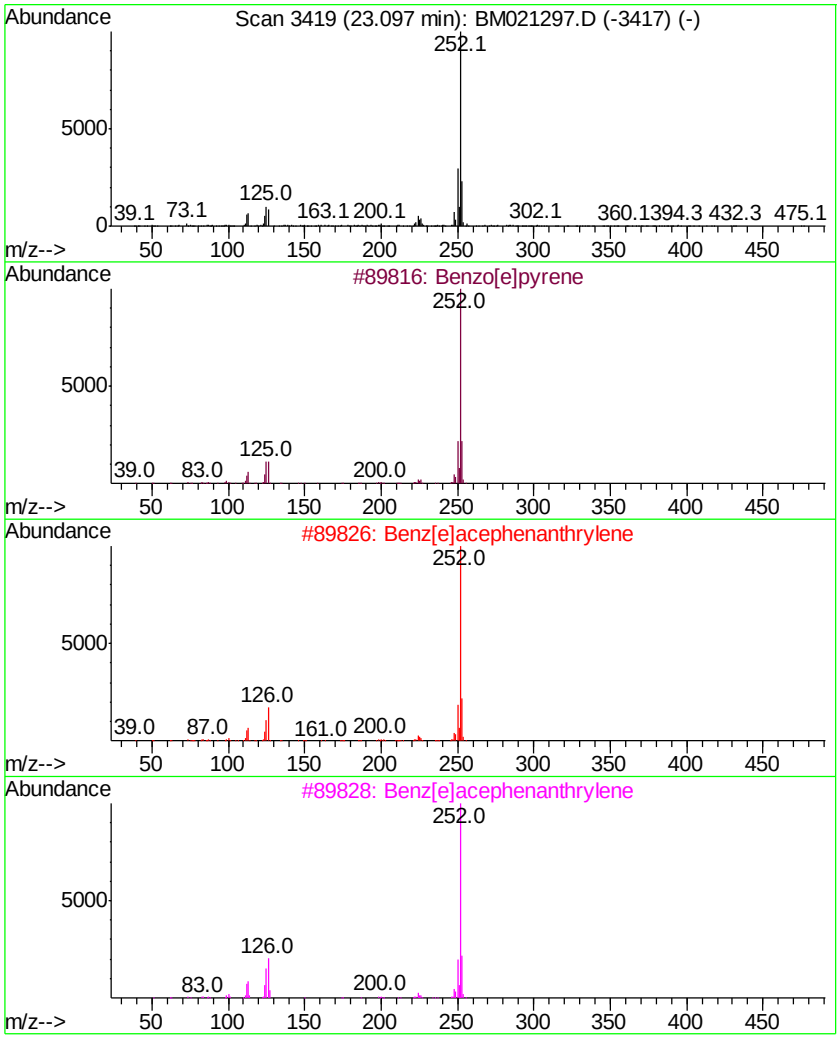
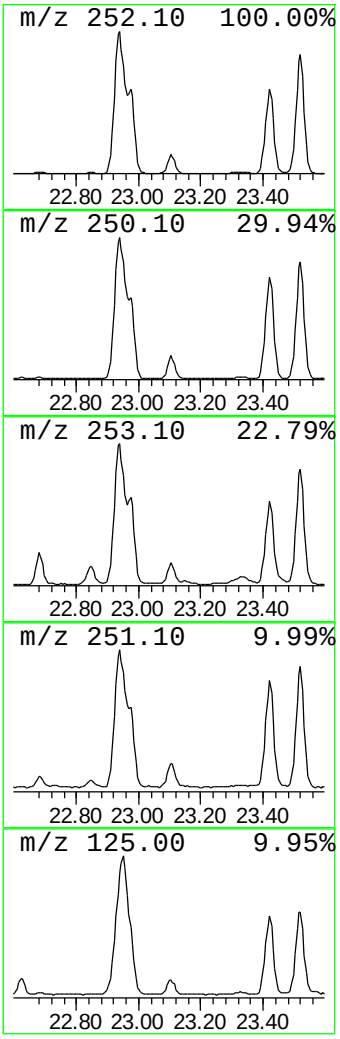
Peak Number 16 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.10	3.23 ng/ul	722560	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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Quant Title : SVOA CALIBRATION

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

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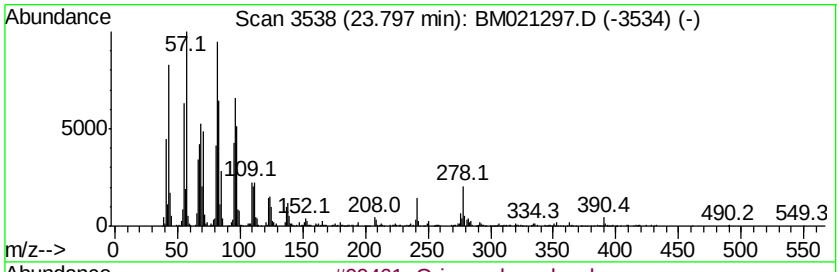
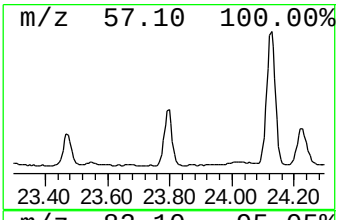
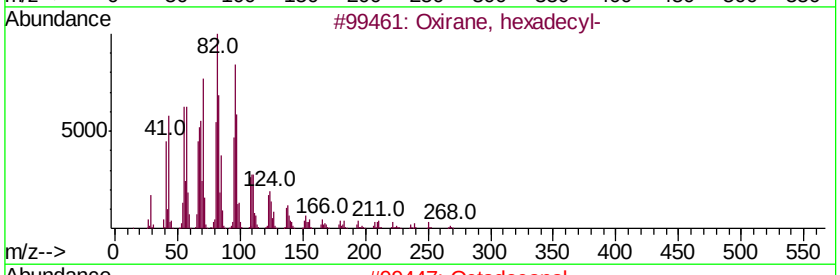
Peak Number 19 Oxirane, hexadecyl- Concentration Rank 5

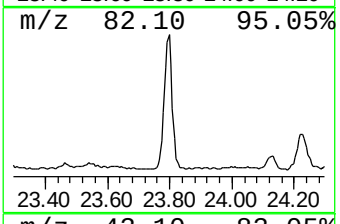
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	7.58 ng/ul	1696400	Perylene-d12	23.61

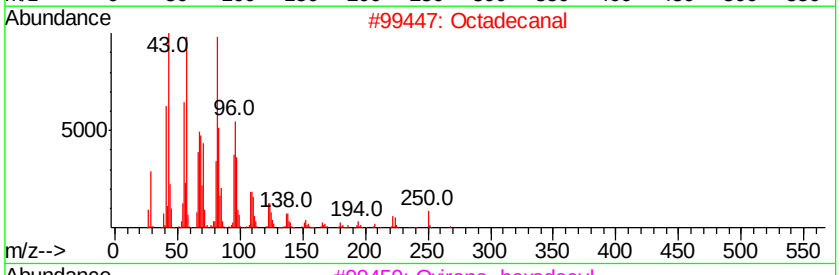
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	Tetradecanal	212	C14H28O	000124-25-4	87

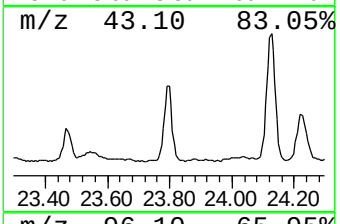


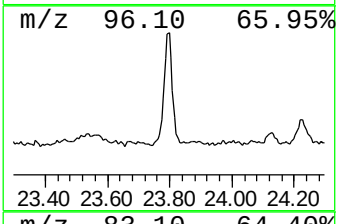


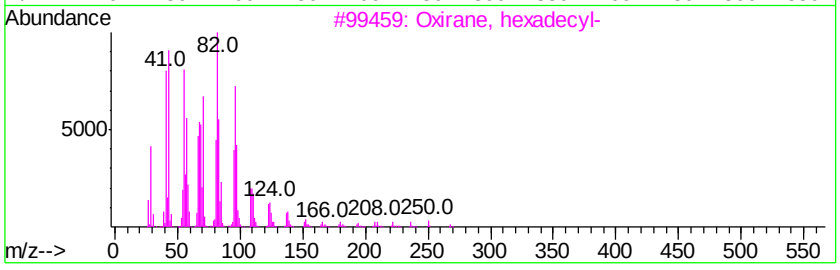


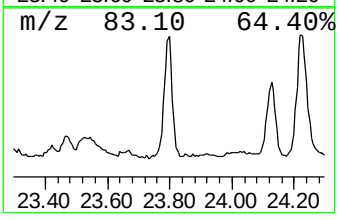












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021297.D
Acq On : 30 Jun 2019 14:08
Operator : HP/JU
Sample : K3590-12
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

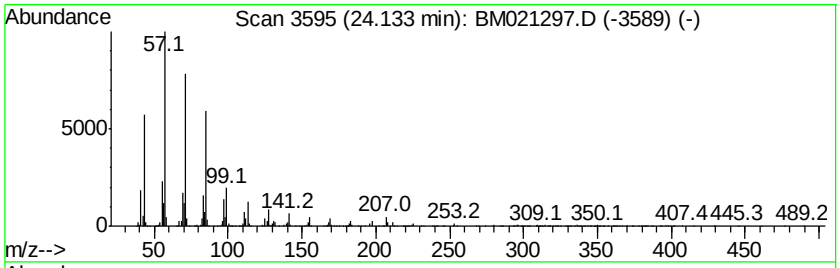
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

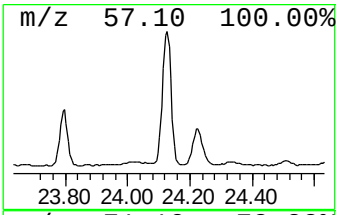
****

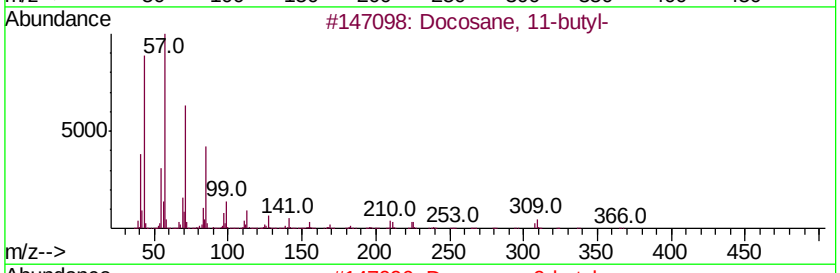
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 4

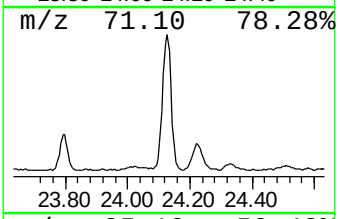
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	8.98 ng/ul	2008850	Perylene-d12	23.61

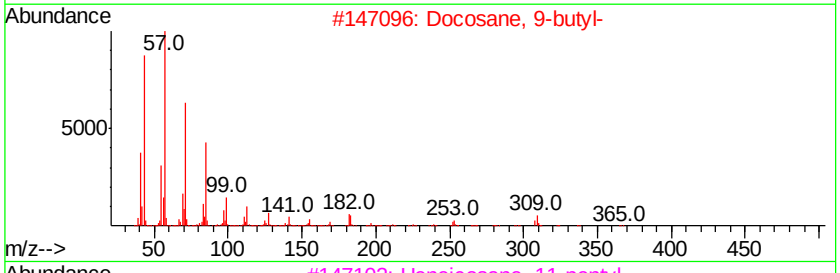
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	93
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Heneicosane	296	C21H44	000629-94-7	91

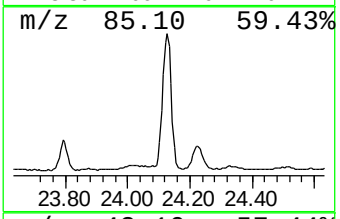


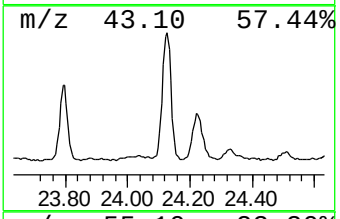


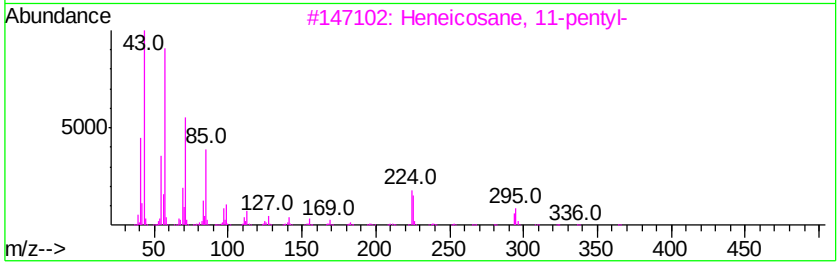


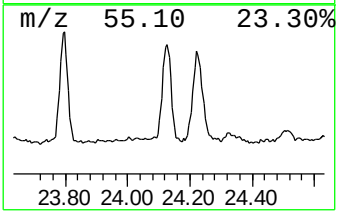












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
Data File : BM021297.D
Acq On : 30 Jun 2019 14:08
Operator : HP/JU
Sample : K3590-12
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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
Butane, 2-methoxy...	3.02	27.4	ng/ul	2755540	1	7.76	2012700	20.0
Cyclotrisiloxane,...	4.40	4.5	ng/ul	448714	1	7.76	2012700	20.0
Cyclotetrasiloxan...	6.86	3.1	ng/ul	307652	1	7.76	2012700	20.0
Phenanthrene, 1-m...	18.03	4.9	ng/ul	1029780	4	17.15	4188450	20.0
Phenanthrene, 2-m...	18.07	4.8	ng/ul	996725	4	17.15	4188450	20.0
4H-Cyclopenta[def...	18.22	5.8	ng/ul	1205230	4	17.15	4188450	20.0
2-Phenylnaphthalene	18.53	2.9	ng/ul	615418	4	17.15	4188450	20.0
9,10-Anthracenedione	18.57	5.8	ng/ul	1207850	4	17.15	4188450	20.0
Phytol	19.06	2.1	ng/ul	437053	4	17.15	4188450	20.0
Cyclopenta(def)ph...	19.09	2.6	ng/ul	539621	4	17.15	4188450	20.0
11H-Benzo[b]fluorene	20.07	2.3	ng/ul	1194730	5	21.34	10619000	20.0
11H-Benzo[a]fluor...	20.82	2.1	ng/ul	1093870	5	21.34	10619000	20.0
Benz[a]anthracene...	21.94	2.3	ng/ul	1225280	5	21.34	10619000	20.0
13-Docosen-1-ol, ...	22.62	19.5	ng/ul	4372280	6	23.61	4476160	20.0
Benzo[e]pyrene	23.10	3.2	ng/ul	722560	6	23.61	4476160	20.0
Oxirane, hexadecyl-	23.80	7.6	ng/ul	1696400	6	23.61	4476160	20.0
(DEL) Alkane: Str...	24.13	9.0	ng/ul	2008850	6	23.61	4476160	20.0