LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021304.D
Acq On : 01 Jul 2019 11:47
Operator : HP/JU
Sample : K3590-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0DL

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	3.010	3	4	11	rVB	1308815	1363298	6.01%	0.683%
2	4.404	236	241	248	rVB	153185	224609	0.99%	0.113%
3	6.851	652	657	663	rVV	103413	145512	0.64%	0.073%
4	6.928	664	670	681	rVB	408269	705317	3.11%	0.354%
5	7.098	694	699	705	rBV	299210	469615	2.07%	0.235%
6	7.287	725	731	739	rVB	410876	679773	3.00%	0.341%
7	7.757	804	811	818	rBV	982057	1611528	7.11%	0.808%
8	8.463	924	931	941	rBV	513664	839539	3.70%	0.421%
9	8.916	1001	1008	1017	rBV	407647	691956	3.05%	0.347%
10	9.633	1123	1130	1142	rVB	347674	592428	2.61%	0.297%
11	10.169	1214	1221	1233	rBV	581601	985111	4.34%	0.494%
12	10.539	1277	1284	1291	rBV	1528209	2541276	11.20%	1.274%
13	10.692	1303	1310	1322	rBV	167372	347991	1.53%	0.174%
14	13.810	1829	1840	1845	rBV	1068844	1556133	6.86%	0.780%
15	13.857	1845	1848	1854	rVB	287489	377247	1.66%	0.189%
16	14.092	1874	1888	1903	rBV	1238465	1909377	8.42%	0.957%
17	14.398	1926	1940	1946	rBV2	2391776	3613141	15.93%	1.811%
18	14.463	1946	1951	1959	rVB	168953	261932	1.15%	0.131%
19	14.621	1971	1978	1986	rBV	231520	433856	1.91%	0.217%
20	14.798	2000	2008	2013	rBV	112950	212695	0.94%	0.107%
21	15.392	2103	2109	2114	rVV	1653334	2329862	10.27%	1.168%
22	15.451	2114	2119	2127	rVB	214911	320491	1.41%	0.161%
23	15.527	2127	2132	2137	rBV2	189566	294416	1.30%	0.148%
24	15.892	2185	2194	2200	rBV	81003	161791	0.71%	0.081%
25	16.457	2278	2290	2296	rBV4	76416	290371	1.28%	0.146%
26	16.545	2301	2305	2310	rBV	131554	185467	0.82%	0.093%
27	16.804	2345	2349	2356	rVB	192595	299472	1.32%	0.150%
28	16.898	2356	2365	2368	rBV4	95380	224775	0.99%	0.113%
29	16.968	2372	2377	2384	rVB	217474	348601	1.54%	0.175%
30	17.045	2385	2390	2397	rBV2	242628	398611	1.76%	0.200%
31	17.104	2397	2400	2403	rBV	143490	197900	0.87%	0.099%
32	17.151	2403	2408	2411	rVV	2654875	3907482	17.23%	1.959%
33	17.192	2411	2415	2420	rVV	5006472	6651618	29.33%	3.334%
34	17.245	2420	2424	2428	rVV	1551857	2274614	10.03%	1.140%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021304.D
Acq On : 01 Jul 2019 11:47
Operator : HP/JU
Sample : K3590-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0DL

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	17.280	2428	2430	2434	rVV	540599	597828	2.64%	0.300%
36	17.556	2468	2477	2485	rBV	383670	808097	3.56%	0.405%
37	17.668	2491	2496	2502	rVB2	143119	197650	0.87%	0.099%
38	17.856	2522	2528	2534	rBV7	95300	216031	0.95%	0.108%
39	17.933	2534	2541	2546	rBV	1333060	2194727	9.68%	1.100%
40	17.992	2546	2551	2557	rVV2	3984870	6512546	28.71%	3.264%
41	18.056	2557	2562	2575	rVV2	5514863	8927639	39.36%	4.475%
42	18.151	2575	2578	2584	rVV	164445	269665	1.19%	0.135%
43	18.221	2584	2590	2593	rVV3	751777	1272794	5.61%	0.638%
44	18.256	2593	2596	2603	rVB	381364	526738	2.32%	0.264%
45	18.339	2605	2610	2614	rBV3	236004	404601	1.78%	0.203%
46	18.527	2637	2642	2646	rBV	569049	749076	3.30%	0.375%
47	18.574	2646	2650	2657	rVV	840484	1155734	5.10%	0.579%
48	18.645	2659	2662	2669	rVB	104912	160585	0.71%	0.080%
49	18.774	2680	2684	2688	rBV	135351	183266	0.81%	0.092%
50	18.821	2688	2692	2695	rVB	143927	180370	0.80%	0.090%
51	18.945	2709	2713	2718	rBV2	179160	321408	1.42%	0.161%
52	19.062	2730	2733	2736	rBV	390383	539983	2.38%	0.271%
53	19.215	2749	2759	2772	rBV	13216852	22680311	100.00%	11.368%
54	19.327	2772	2778	2781	rVV2	455754	664405	2.93%	0.333%
55	19.409	2789	2792	2796	rVV2	113929	155605	0.69%	0.078%
56	19.456	2796	2800	2806	rVV	235258	333204	1.47%	0.167%
57	19.545	2807	2815	2817	rVV3	3212574	4844678	21.36%	2.428%
58	19.580	2817	2821	2826	rVV	8345313	11083496	48.87%	5.555%
59	19.645	2829	2832	2838	rVB2	390610	535892	2.36%	0.269%
60	19.750	2846	2850	2857	rVB	447281	627013	2.76%	0.314%
61	19.898	2869	2875	2882	rBV2	450171	1163157	5.13%	0.583%
62	19.956	2882	2885	2893	rVB	124306	215804	0.95%	0.108%
63	20.033	2893	2898	2900	rBV4	361245	612336	2.70%	0.307%
64	20.068	2900	2904	2909	rVB2	1119203	1654454	7.29%	0.829%
65	20.168	2917	2921	2925	rBV	688432	893158	3.94%	0.448%
66	20.227	2925	2931	2935	rVV3	608863	1078727	4.76%	0.541%
67	20.268	2935	2938	2941	rVV	370415	464300	2.05%	0.233%
68	20.309	2942	2945	2950	rVB2	143168	182963	0.81%	0.092%
69	20.368	2951	2955	2958	rBV	269203	317718	1.40%	0.159%
70	20.415	2958	2963	2967	rVV2	344369	452625	2.00%	0.227%
71	20.774	3022	3024	3028	rBV3	99882	143865	0.63%	0.072%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021304.D
Acq On : 01 Jul 2019 11:47
Operator : HP/JU
Sample : K3590-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0DL

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	20.821	3028	3032	3038	rVB	866001	1135422	5.01%	0.569%
73	20.986	3054	3060	3063	rBV2	870752	1384976	6.11%	0.694%
74	21.021	3063	3066	3069	rVV	794881	1181179	5.21%	0.592%
75	21.056	3069	3072	3078	rVV2	829094	1648009	7.27%	0.826%
76	21.121	3078	3083	3093	rVB2	971989	1430105	6.31%	0.717%
77	21.327	3112	3118	3123	rBV3	4974585	10137756	44.70%	5.081%
78	21.374	3123	3126	3136	rVB	5008729	6685577	29.48%	3.351%
79	21.492	3142	3146	3152	rBV	699995	925704	4.08%	0.464%
80	21.656	3169	3174	3179	rBV2	555404	1028747	4.54%	0.516%
81	21.892	3211	3214	3217	rBV	367226	497750	2.19%	0.249%
82	21.950	3220	3224	3230	rVB2	616321	1146228	5.05%	0.575%
83	22.097	3245	3249	3251	rBV	402100	540099	2.38%	0.271%
84	22.191	3261	3265	3270	rVB2	297457	491196	2.17%	0.246%
85	22.386	3294	3298	3303	rBV2	444183	667631	2.94%	0.335%
86	22.515	3317	3320	3324	rVB2	317878	401489	1.77%	0.201%
87	22.621	3333	3338	3343	rBV	2992011	4255495	18.76%	2.133%
88	22.950	3381	3394	3404	rBV2	6596721	21039070	92.76%	10.545%
89	23.103	3416	3420	3425	rVB	537824	812686	3.58%	0.407%
90	23.421	3468	3474	3478	rBV	2446527	4417631	19.48%	2.214%
91	23.468	3478	3482	3486	rVV	1117914	2096416	9.24%	1.051%
92	23.515	3486	3490	3499	rVB	3496224	6119826	26.98%	3.067%
93	23.615	3501	3507	3511	rVV	1836819	3348224	14.76%	1.678%
94	23.662	3512	3515	3523	rVB2	912514	1677200	7.39%	0.841%
95	23.791	3533	3537	3546	rVB3	929154	1563395	6.89%	0.784%
96	24.121	3588	3593	3600	rVB	1162499	2115374	9.33%	1.060%
97	24.227	3607	3611	3620	rVB	446362	833115	3.67%	0.418%
98	25.762	3867	3872	3878	rBV	444227	885503	3.90%	0.444%
99	25.909	3890	3897	3909	rVB	2151930	6094407	26.87%	3.055%
100	26.615	4009	4017	4024	rBV	1302549	4179006	18.43%	2.095%

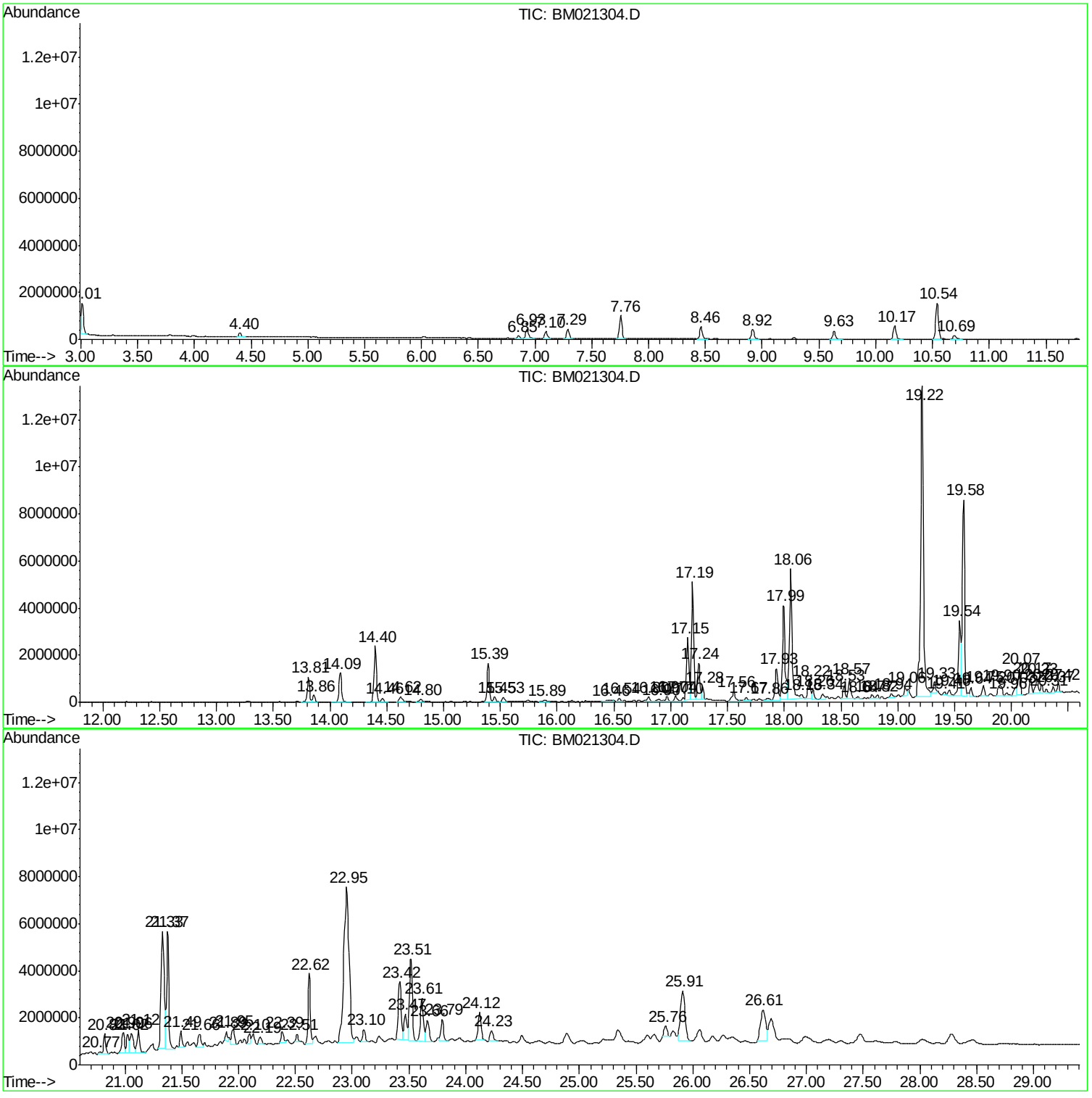
Sum of corrected areas: 199509470

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021304.D
Acq On : 01 Jul 2019 11:47
Operator : HP/JU
Sample : K3590-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0DL

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\BM070119\
Data File : BM021304.D
Acq On : 01 Jul 2019 11:47
Operator : HP/JU
Sample : K3590-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0DL

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

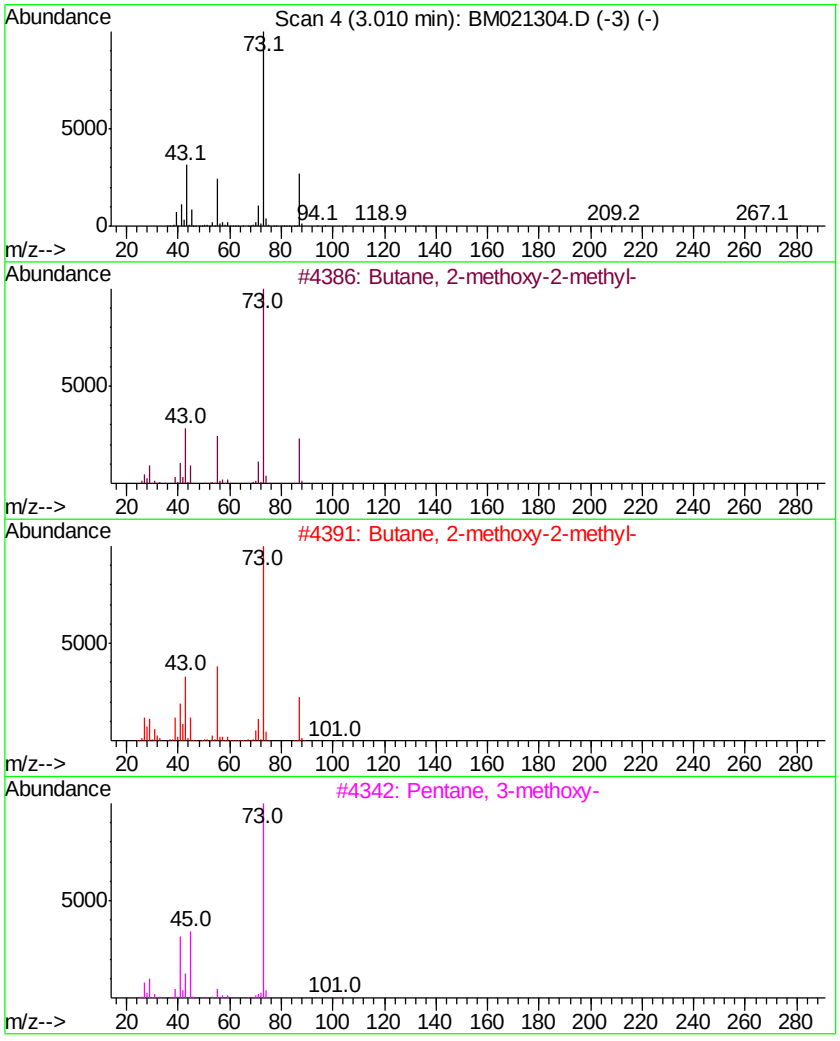
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

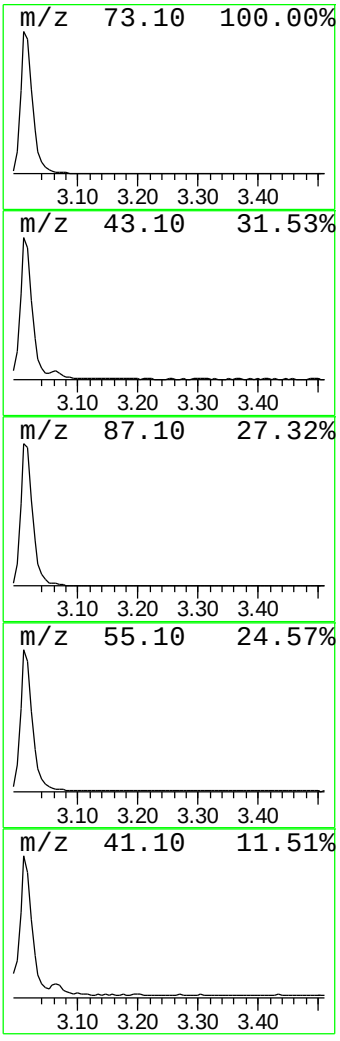
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	16.92 ng/ul	1363300	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	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021304.D
Acq On : 01 Jul 2019 11:47
Operator : HP/JU
Sample : K3590-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0DL

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

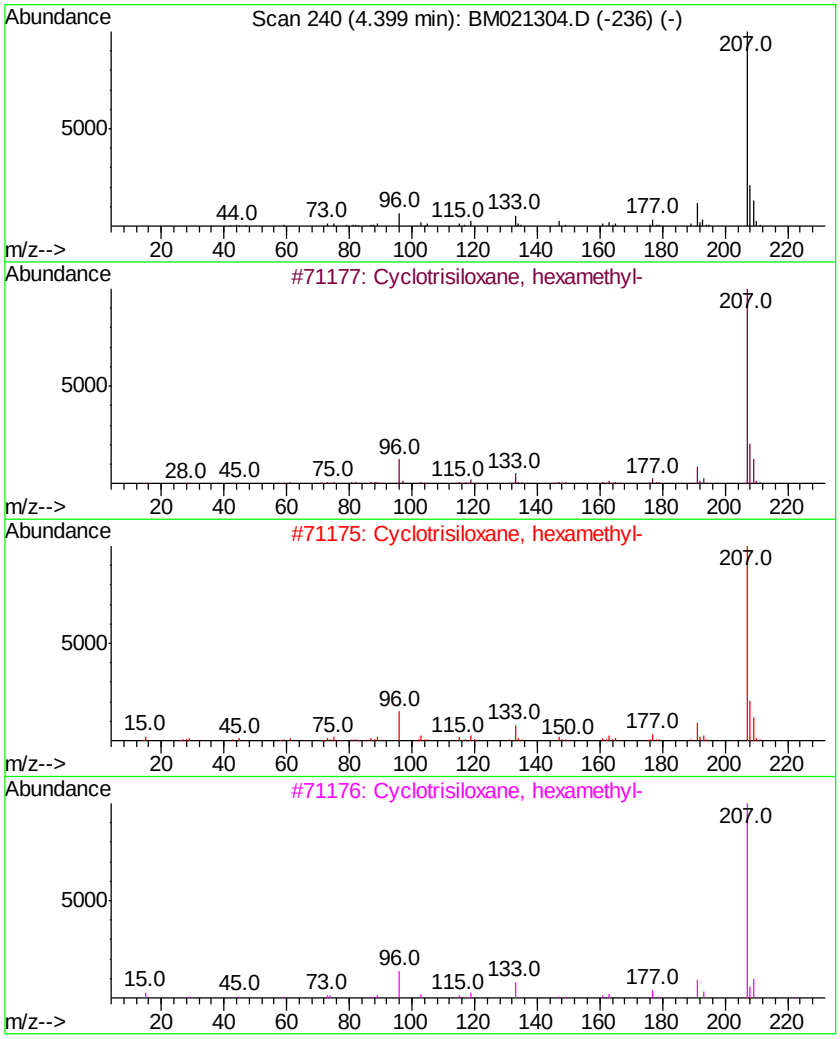
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

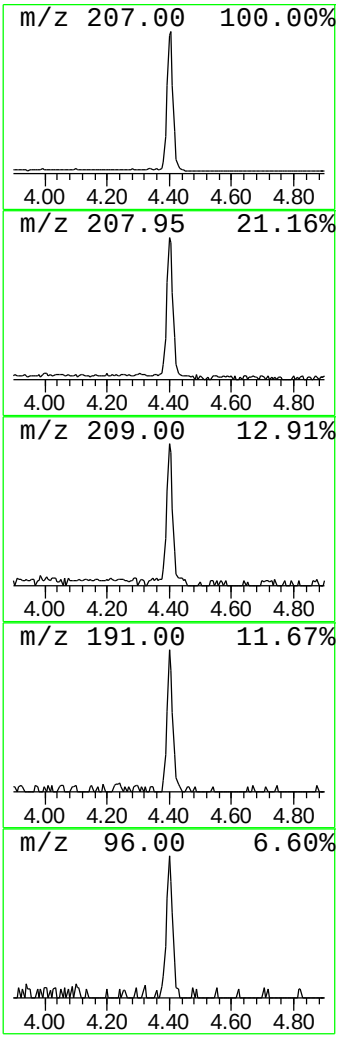
****

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	2.79 ng/ul	224609	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	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021304.D
Acq On : 01 Jul 2019 11:47
Operator : HP/JU
Sample : K3590-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0DL

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

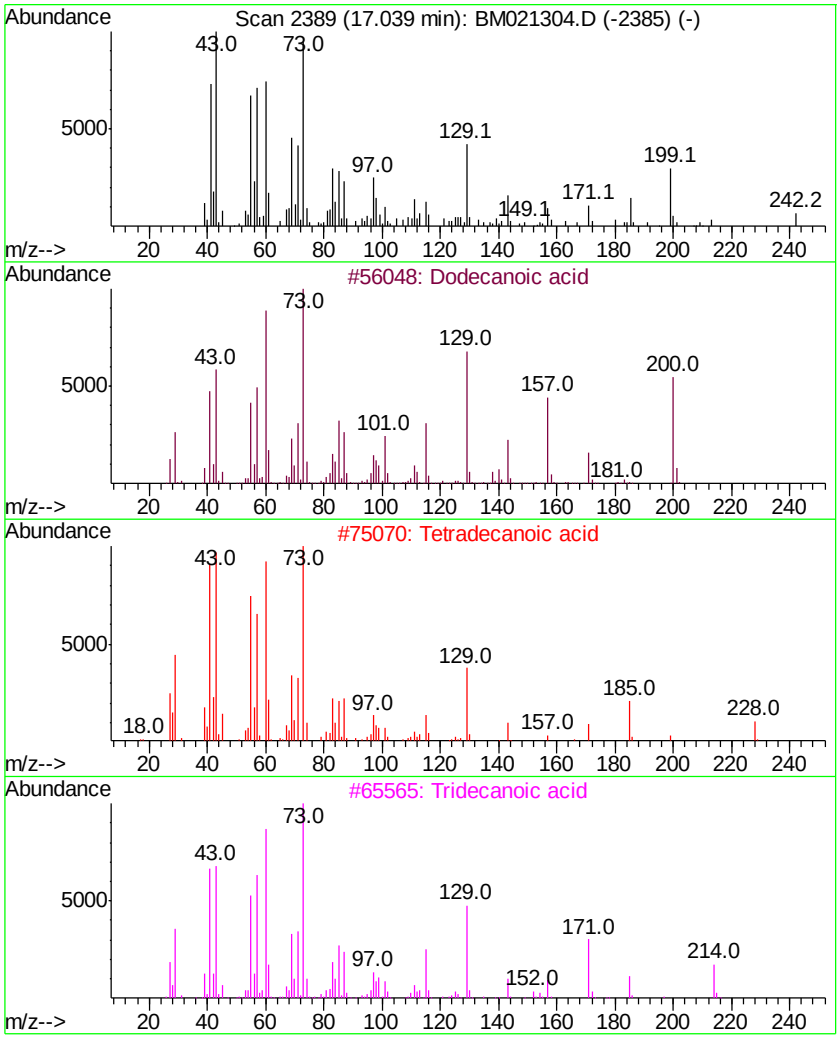
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

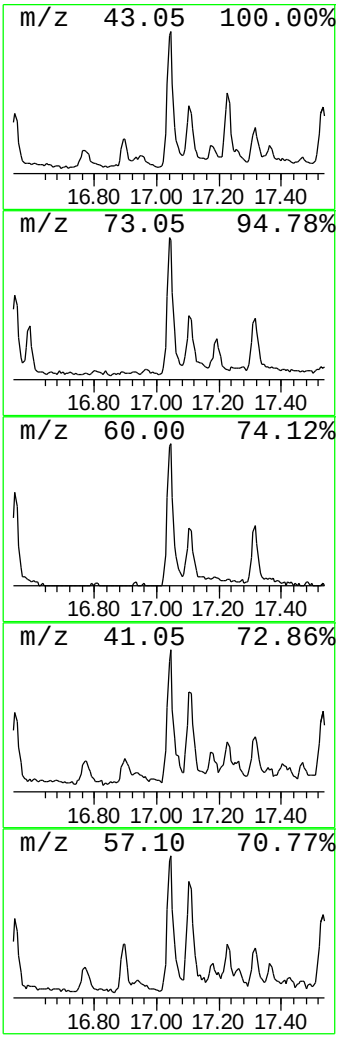
****

Peak Number 3 Dodecanoic acid Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	2.04 ng/ul	398611	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	70
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021304.D
Acq On : 01 Jul 2019 11:47
Operator : HP/JU
Sample : K3590-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0DL

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

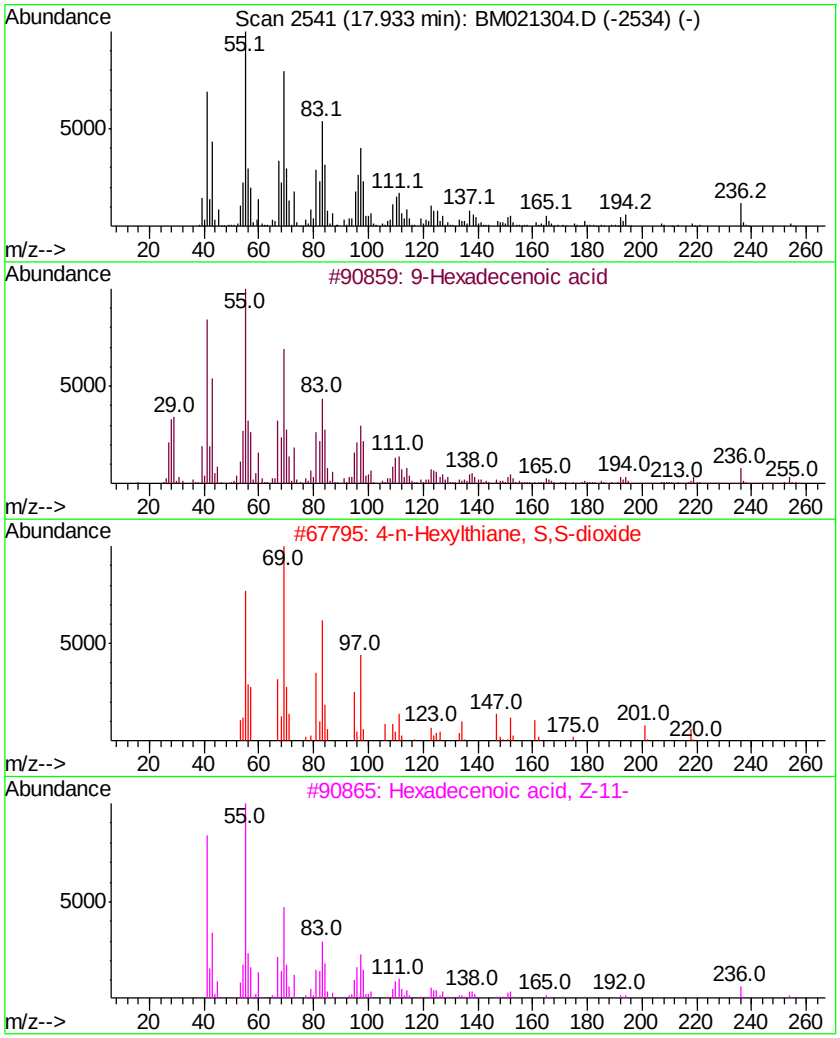
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

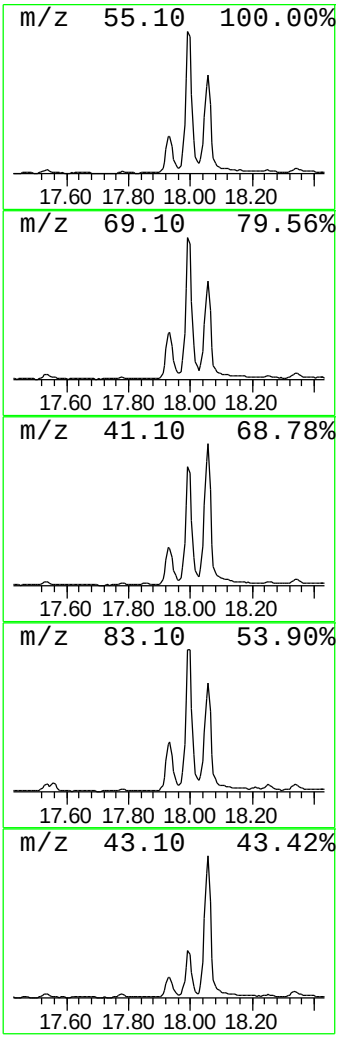
****

Peak Number 4 9-Hexadecenoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	11.23 ng/ul	2194730	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	64
2	4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	53
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	49
4	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	46
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021304.D
Acq On : 01 Jul 2019 11:47
Operator : HP/JU
Sample : K3590-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0DL

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

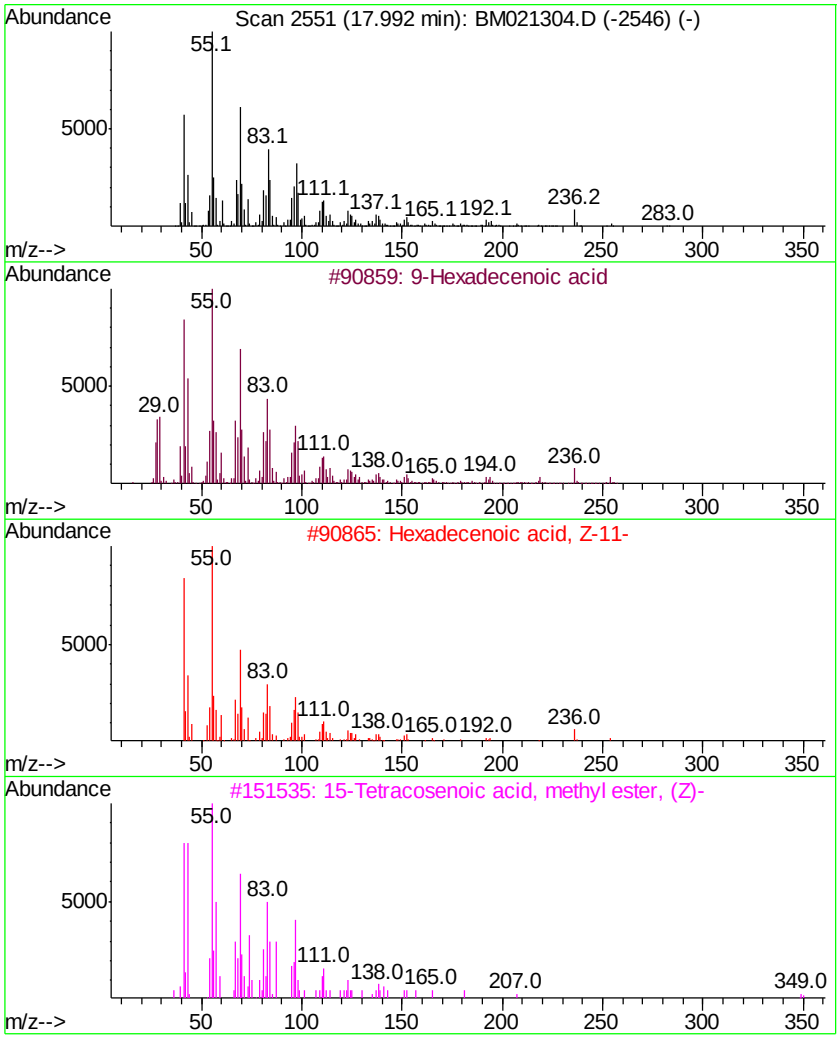
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

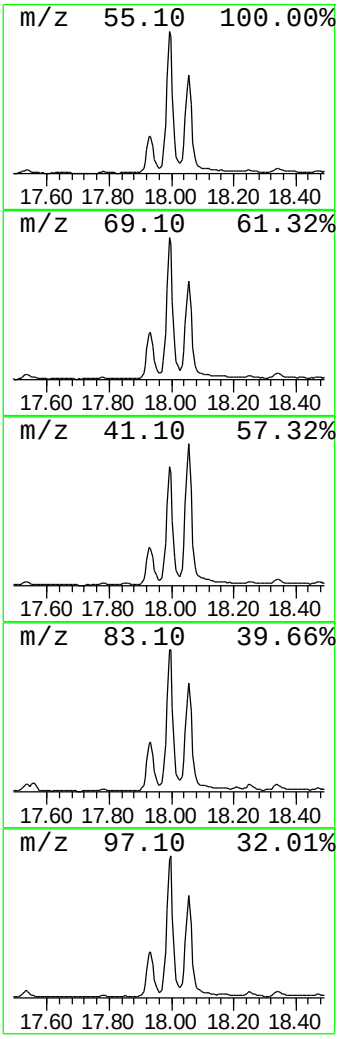
****

Peak Number 5 Hexadecenoic acid, Z-11- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	33.33 ng/ul	6512550	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	94
2	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	94
3	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	90
4	Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	87
5	E-11-Hexadecenoic acid, ethyl ester	282	C18H34O2	1000245-71-9	72





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ClientSampleId : C5BB0DL

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Quant Title : SVOA CALIBRATION

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

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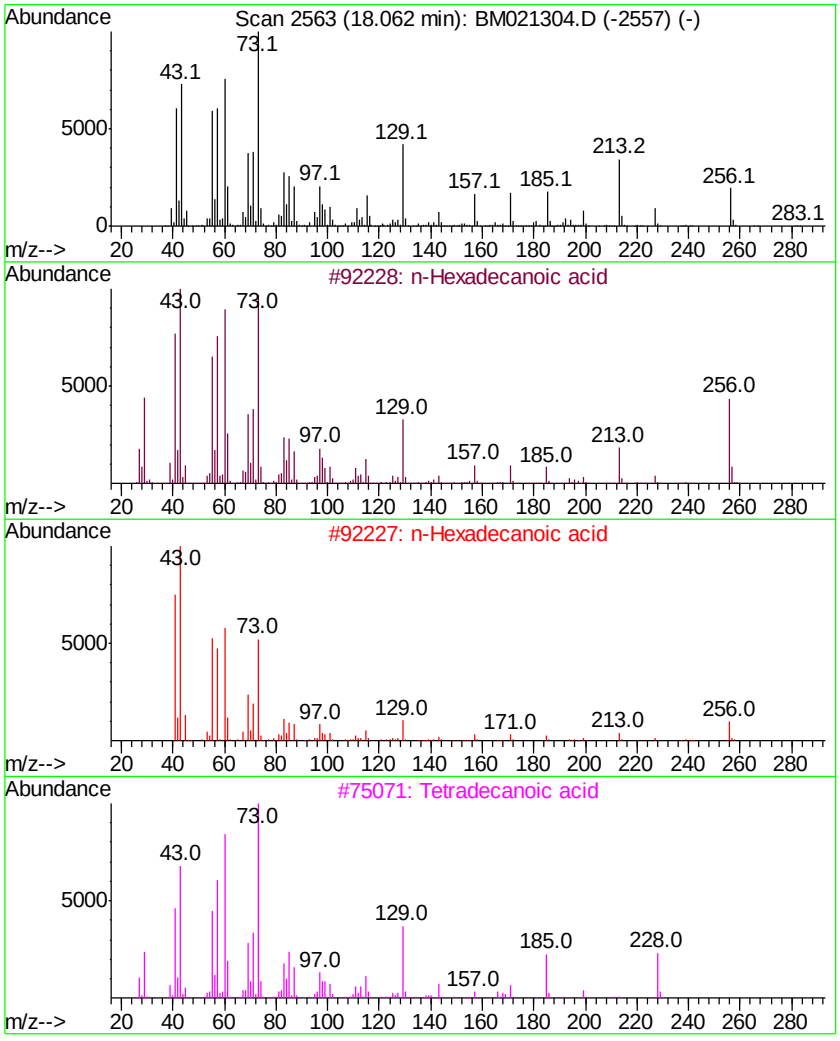
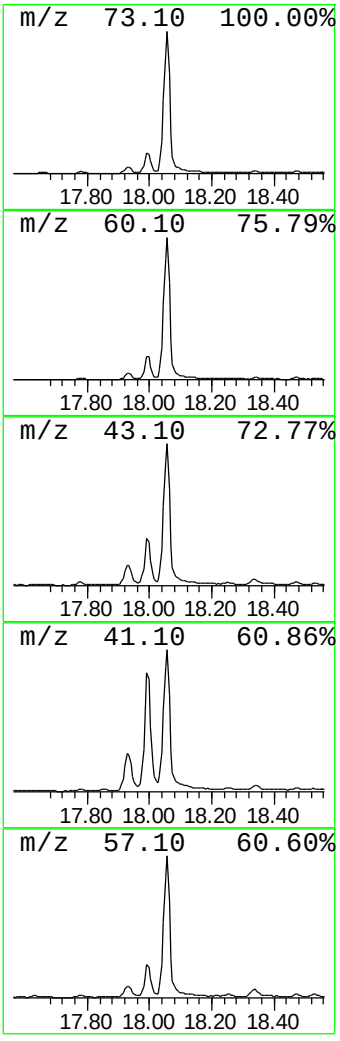
Peak Number 6 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	45.70 ng/ul	8927640	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	89





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ClientSampleId : C5BB0DL

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Quant Title : SVOA CALIBRATION

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

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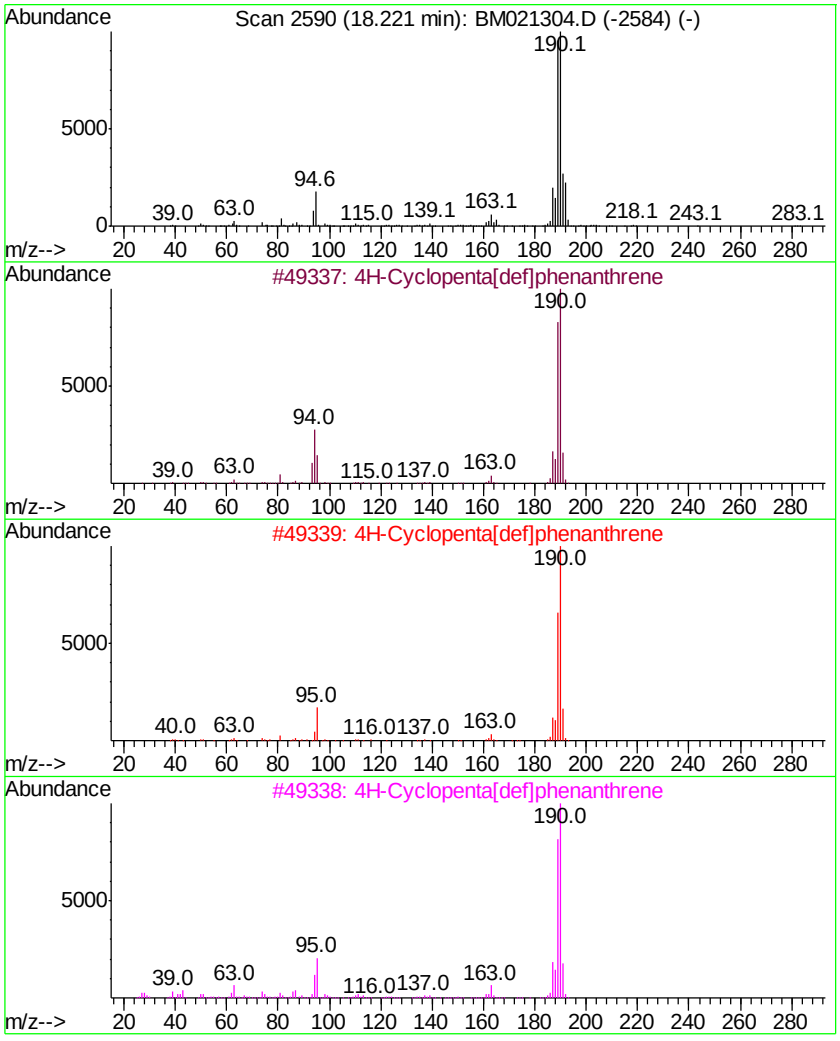
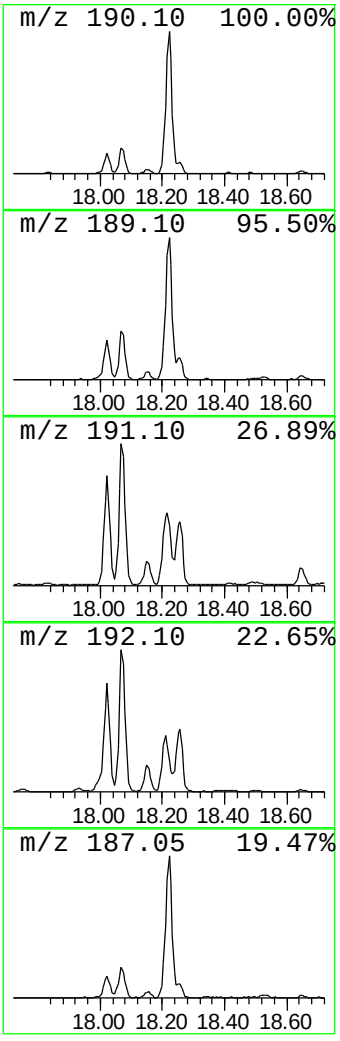
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	6.51 ng/ul	1272790	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Quant Title : SVOA CALIBRATION

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

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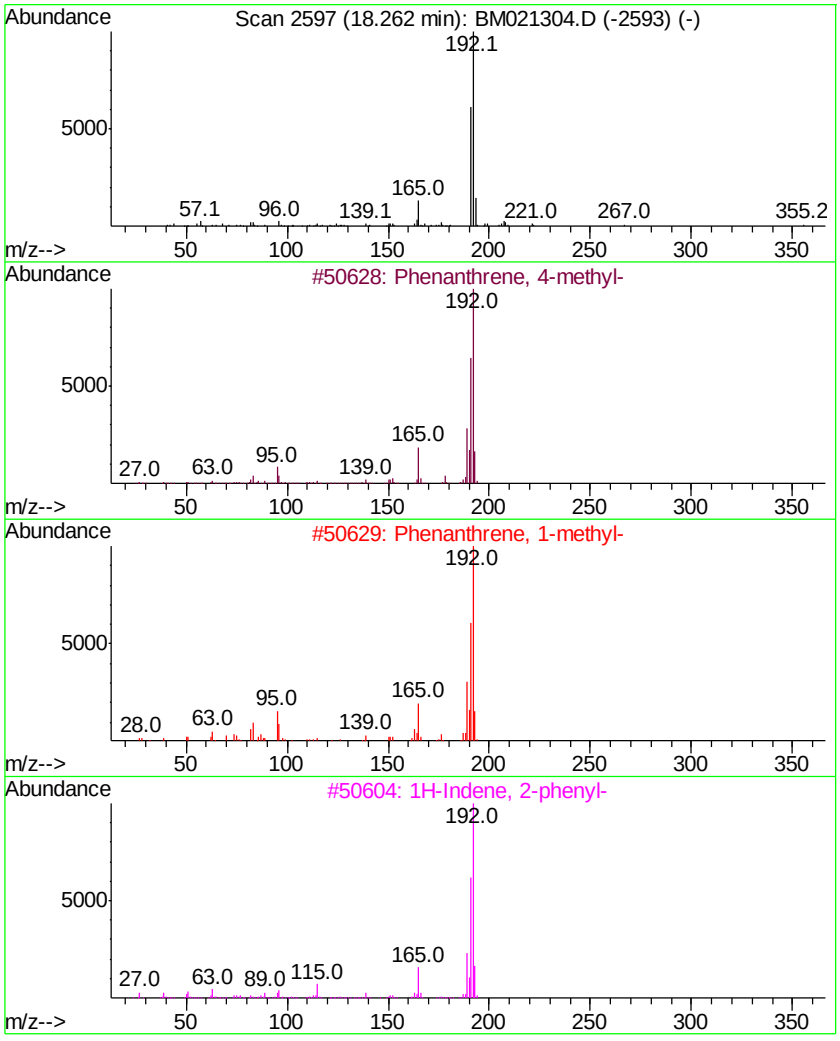
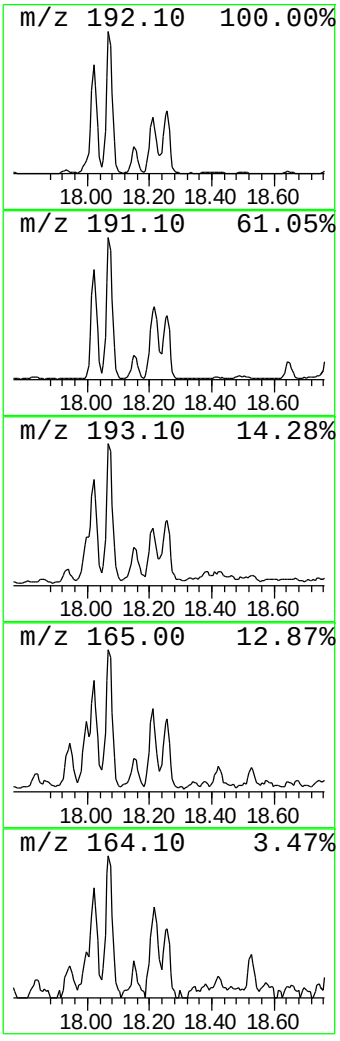
Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.70 ng/ul	526738	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	90
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90





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Quant Title : SVOA CALIBRATION

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

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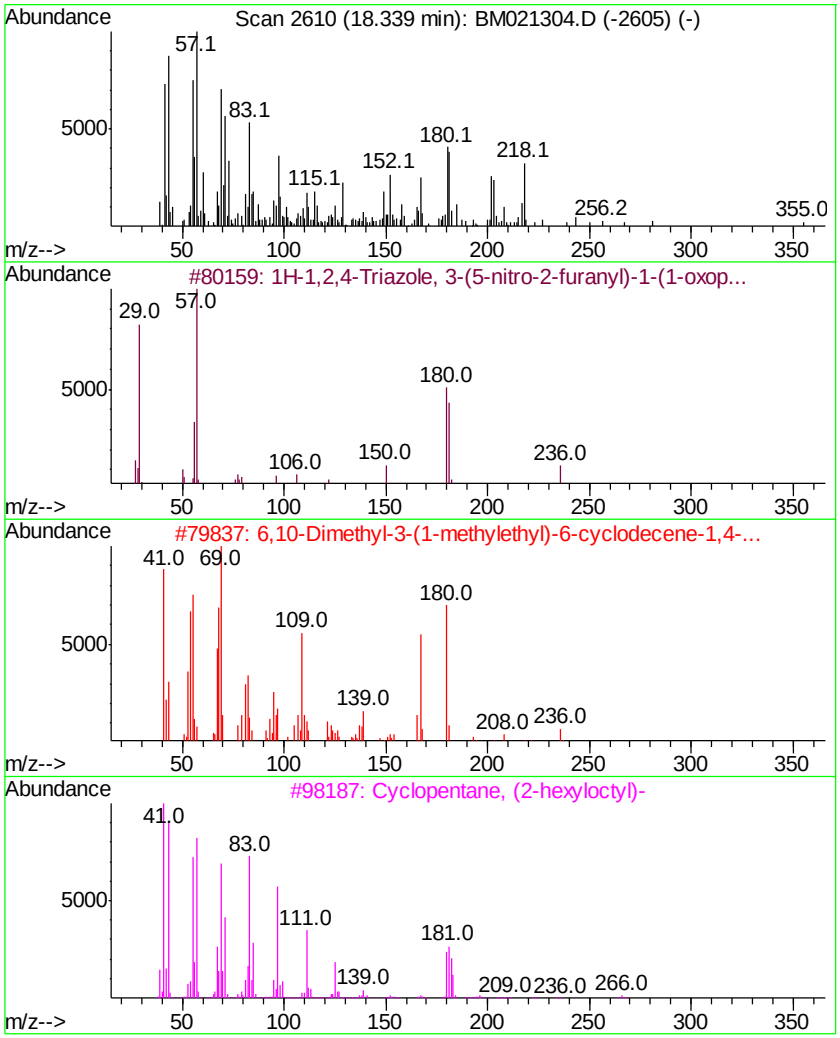
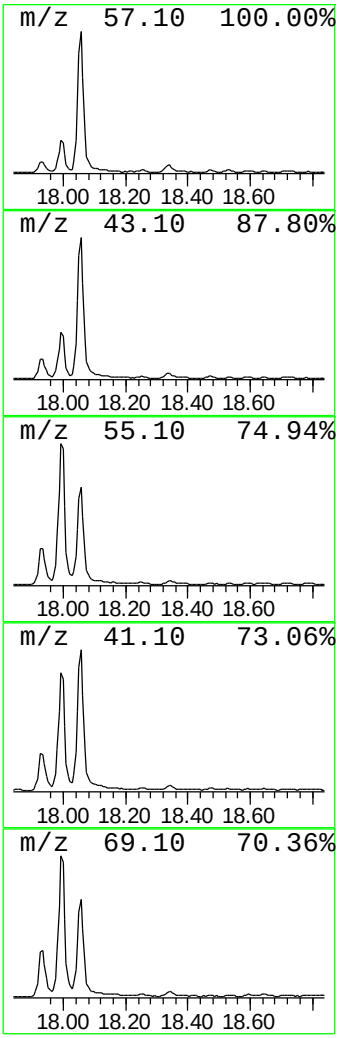
Peak Number 9 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.07 ng/ul	404601	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,2,4-Triazole, 3-(5-nitro-2-...	236	C9H8N4O4	038477-77-9	12
2	6,10-Dimethyl-3-(1-methylethyl)-...	236	C15H24O2	013657-68-6	10
3	Cyclopentane, (2-hexyloctyl)-	266	C19H38	055044-77-4	10
4	Heptane, 1,1-dicyclohexyl-	264	C19H36	002090-15-5	10
5	Pyrrolizin-1-one, 7-[2,2-dimetho...	227	C12H21NO3	1000125-92-5	10





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Quant Title : SVOA CALIBRATION

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

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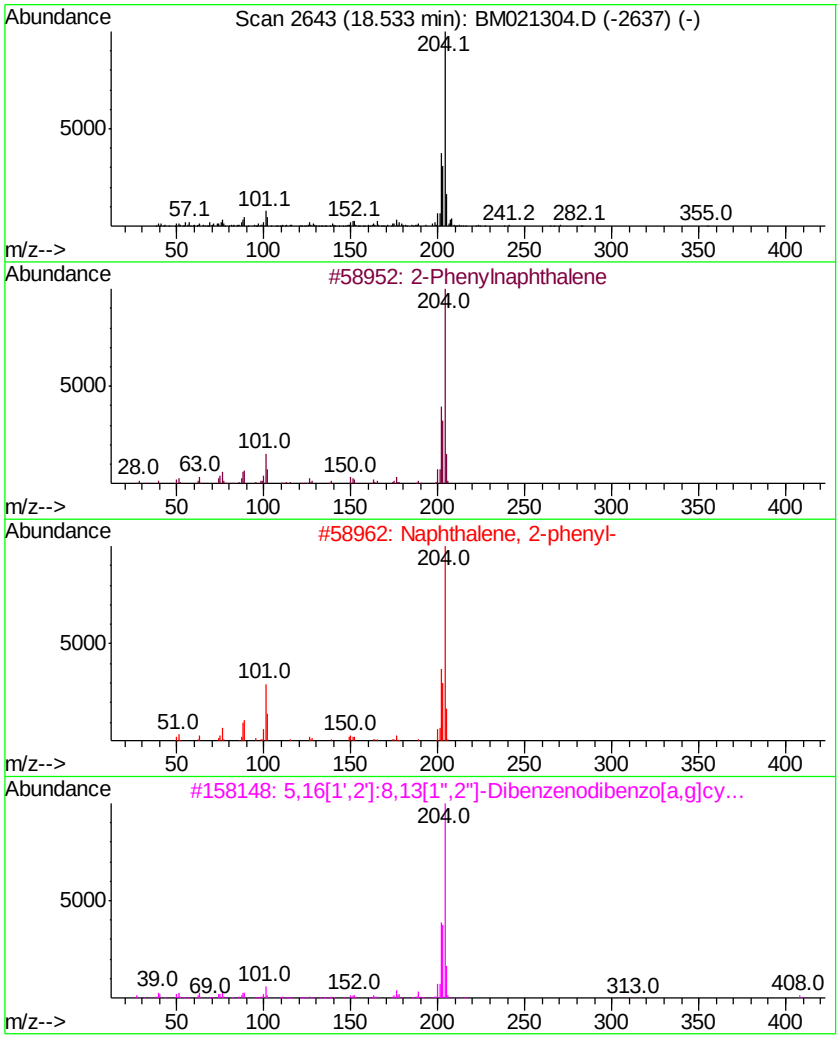
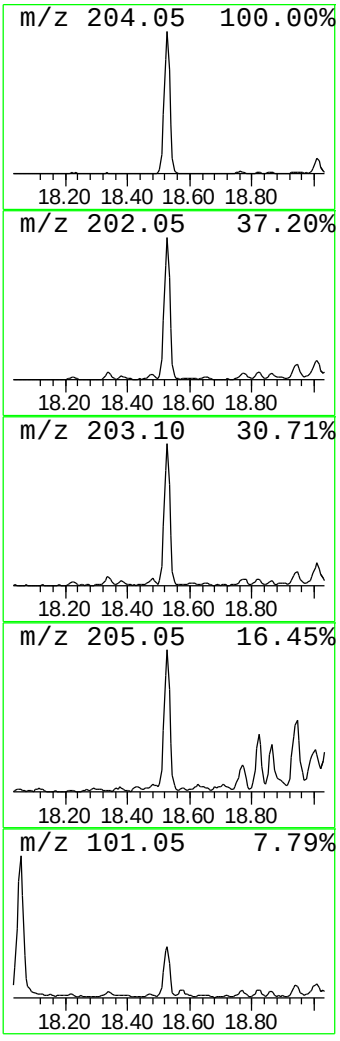
Peak Number 10 2-Phenylnaphthalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	3.83 ng/ul	749076	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Quant Title : SVOA CALIBRATION

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

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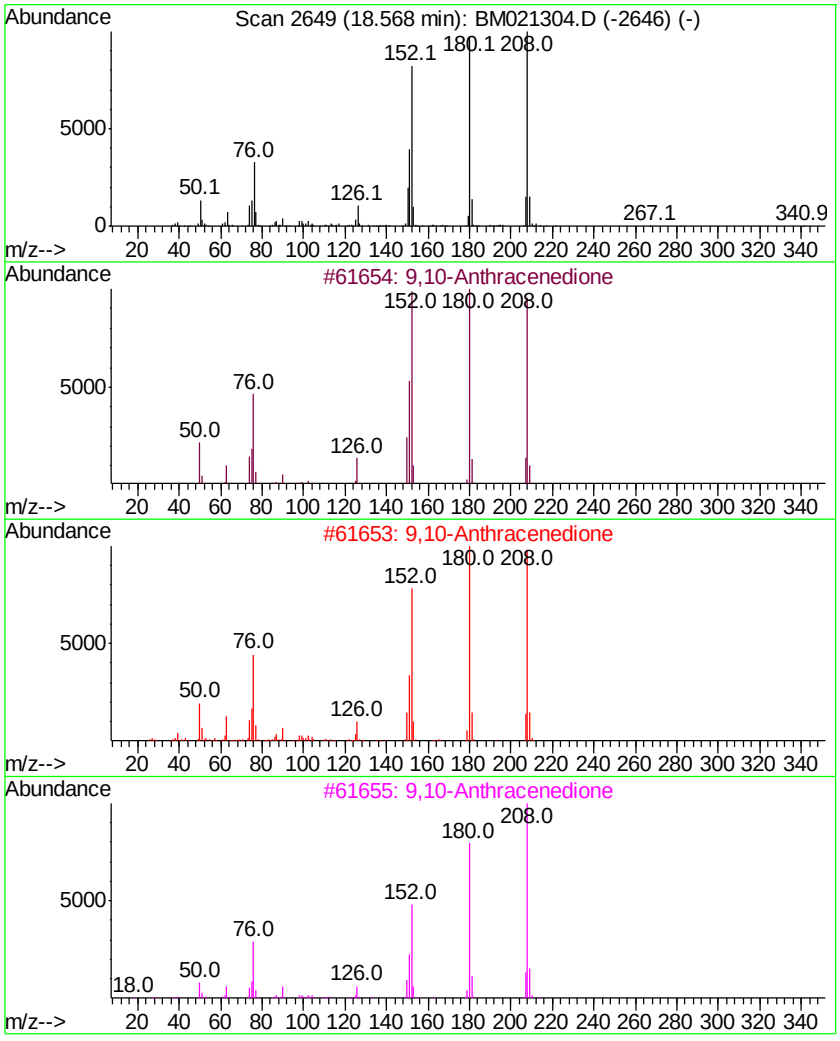
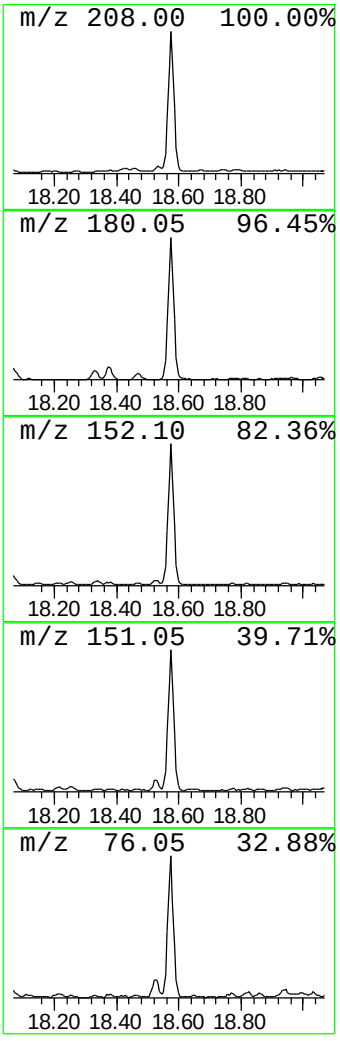
Peak Number 11 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	5.92 ng/ul	1155730	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	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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Quant Title : SVOA CALIBRATION

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

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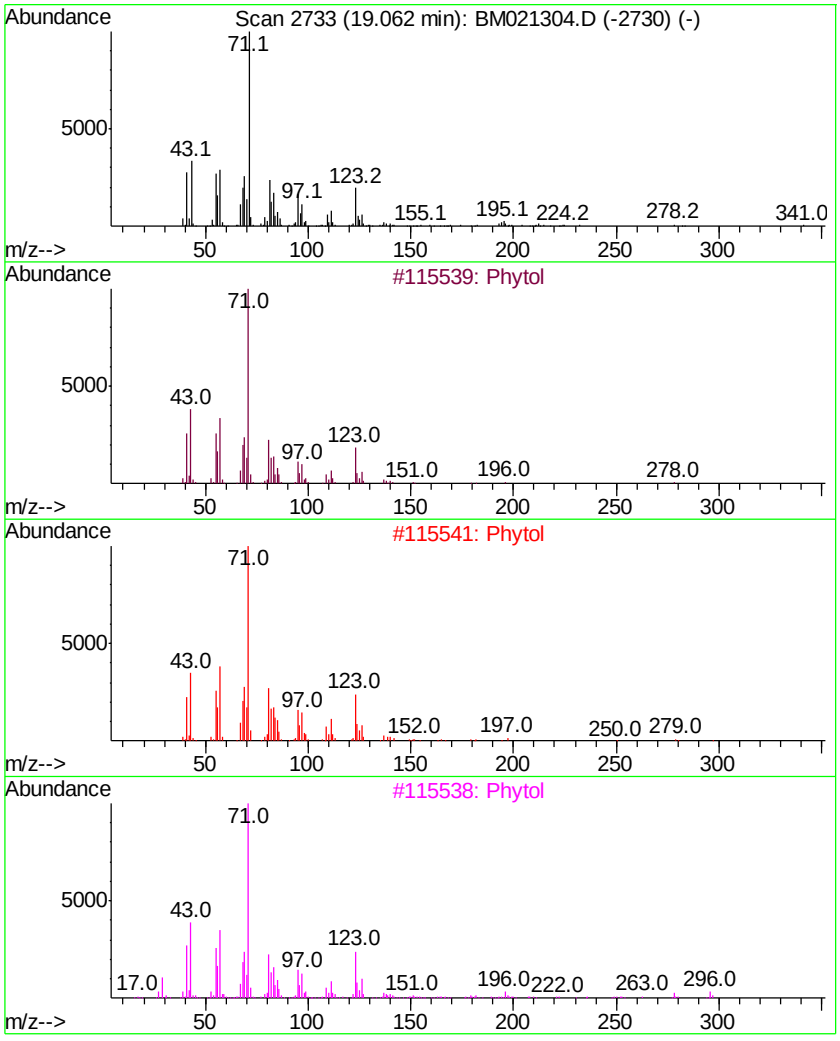
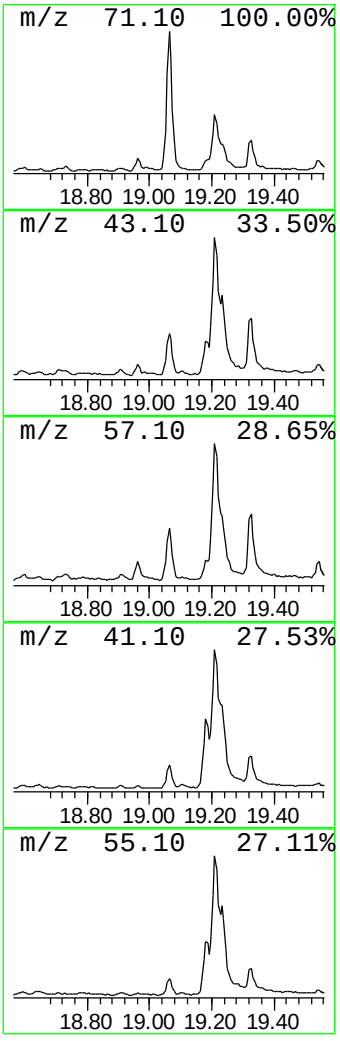
Peak Number 12 Phytol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	2.76 ng/ul	539983	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phytol	296	C20H40O	000150-86-7	90
2	Phytol	296	C20H40O	000150-86-7	83
3	Phytol	296	C20H40O	000150-86-7	80
4	Cyclohexanol, 3,5-dimethyl-	128	C8H16O	005441-52-1	53
5	Phytol	296	C20H40O	000150-86-7	49





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Quant Title : SVOA CALIBRATION

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

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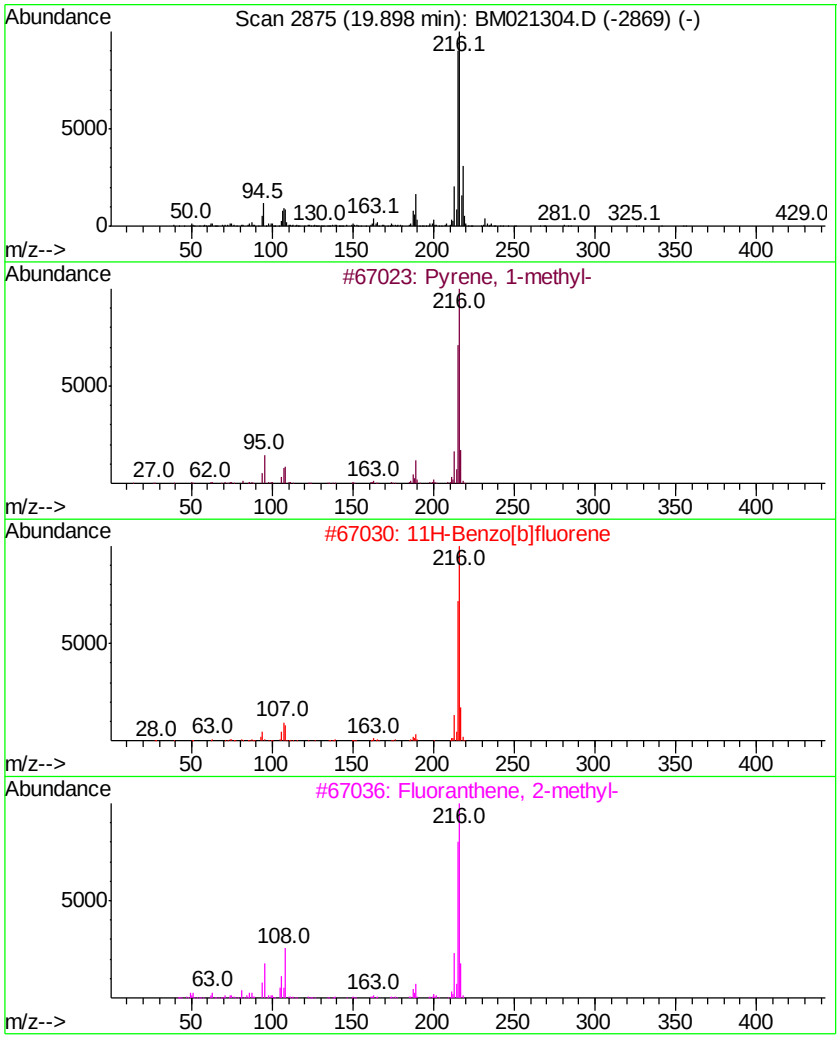
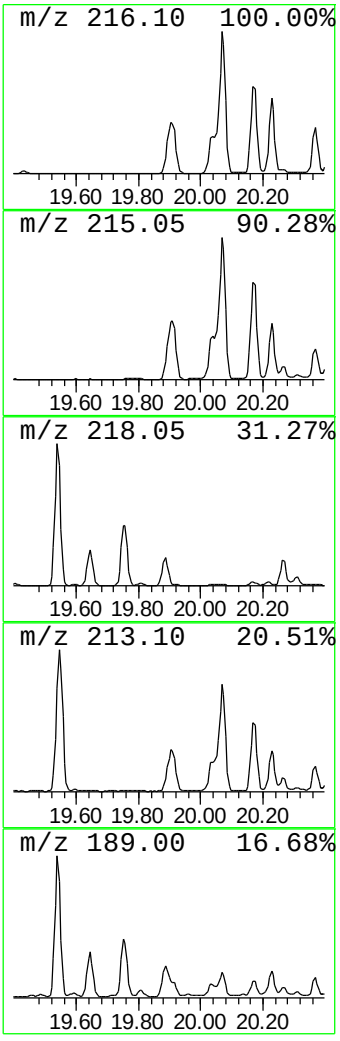
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.29 ng/ul	1163160	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74





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

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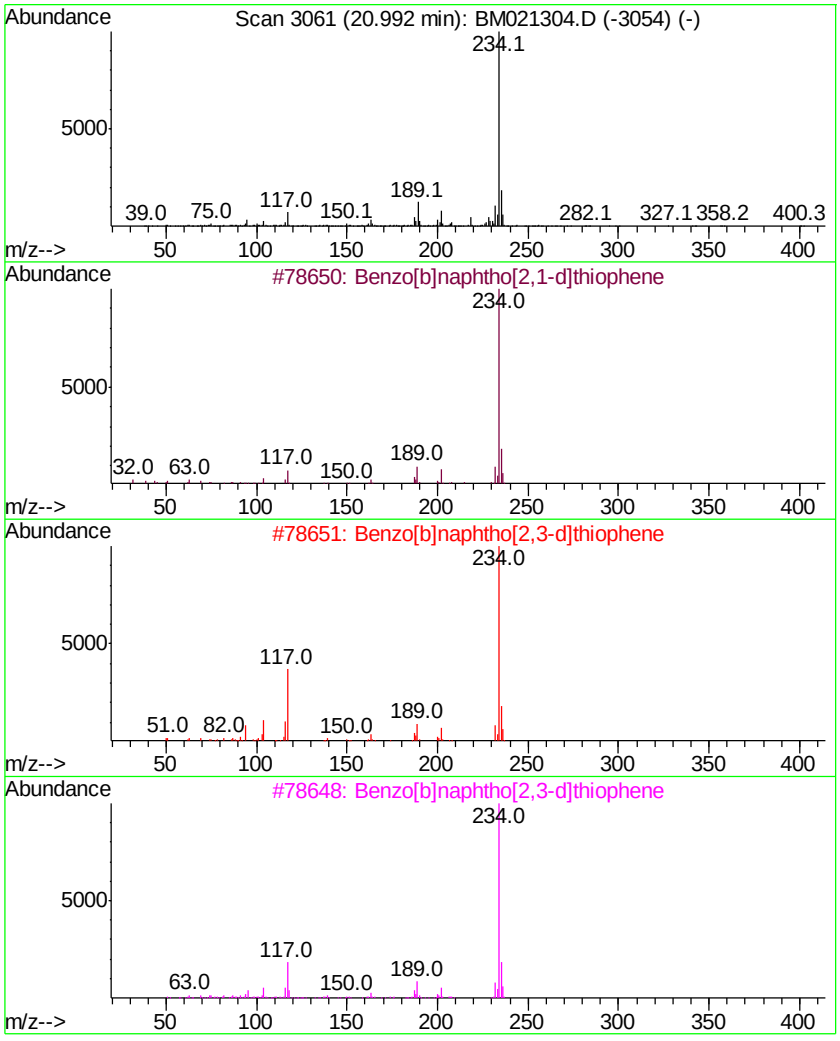
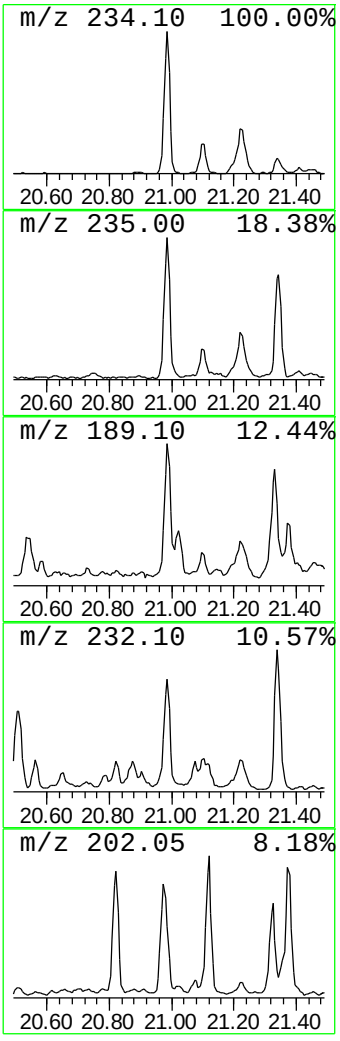
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.73 ng/ul	1384980	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87





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Quant Title : SVOA CALIBRATION

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

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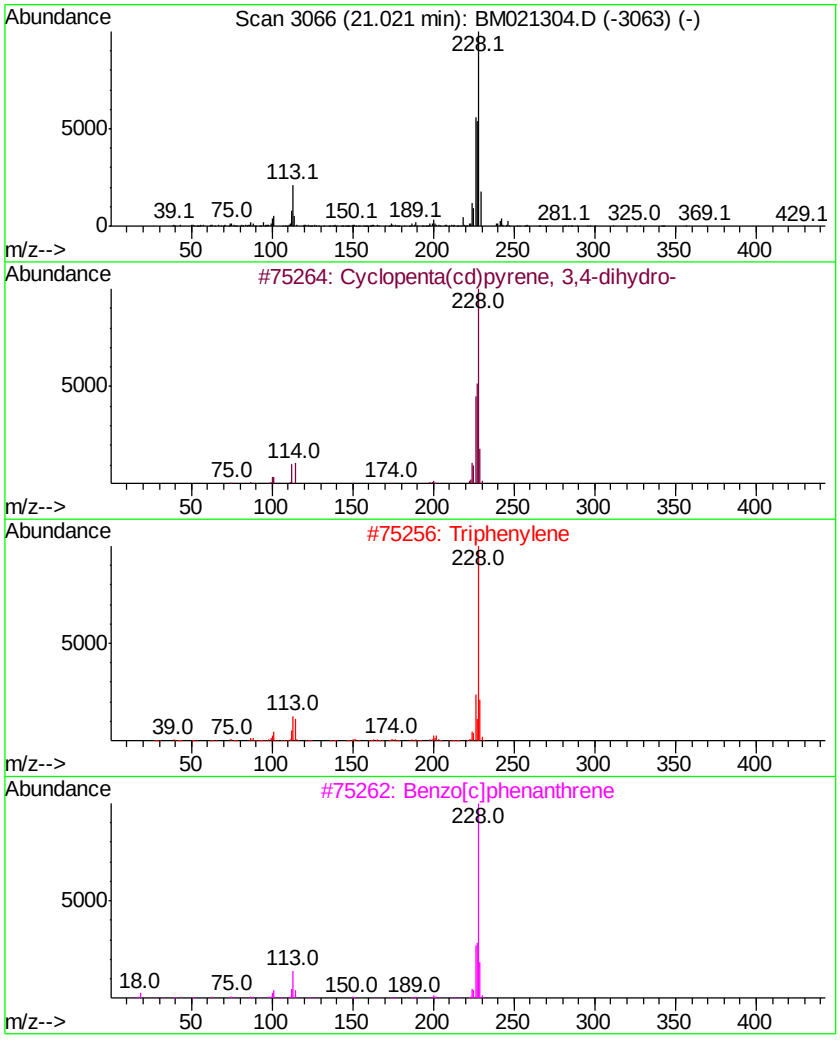
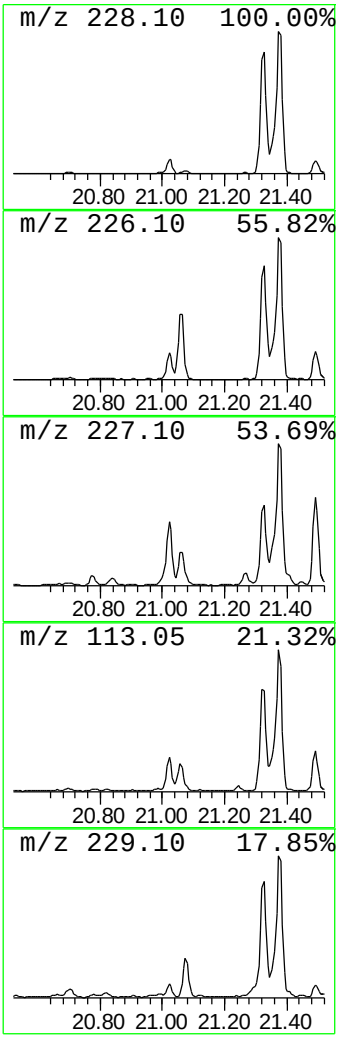
Peak Number 18 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	2.33 ng/ul	1181180	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	78
2	Triphenylene	228	C18H12	000217-59-4	50
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	47
4	Triphenylene	228	C18H12	000217-59-4	45
5	Benz[a]anthracene	228	C18H12	000056-55-3	45





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Quant Title : SVOA CALIBRATION

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

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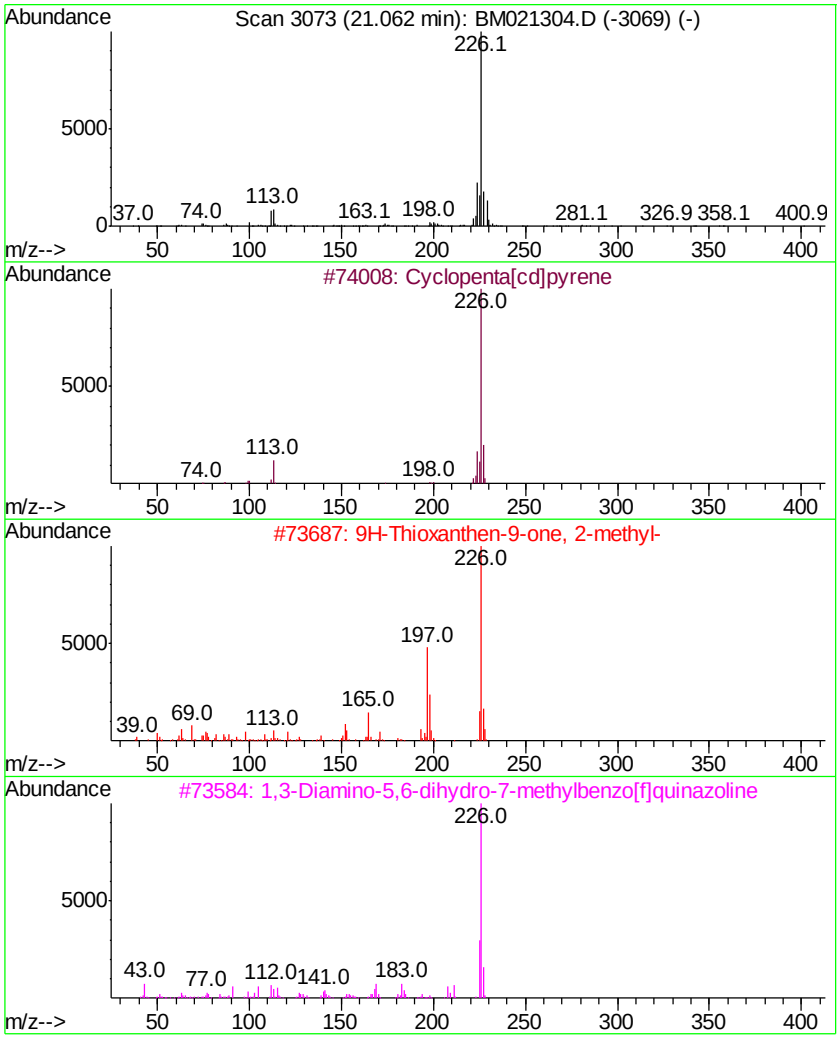
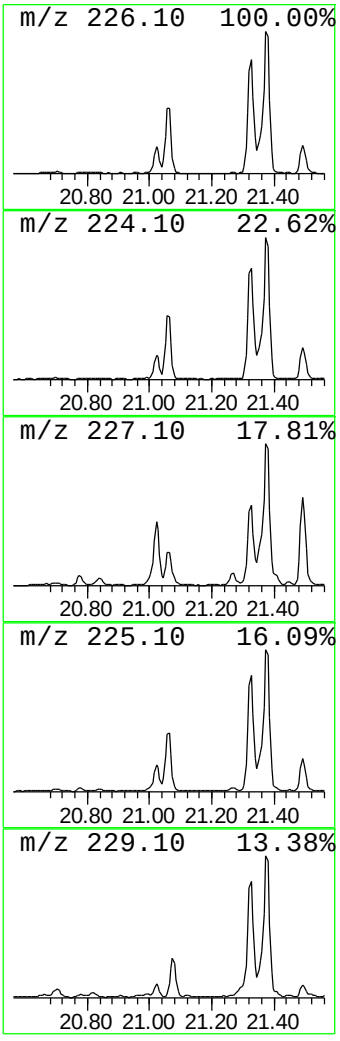
Peak Number 19 Cyclopenta[cd]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	3.25 ng/ul	1648010	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	74
2	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	58
3	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
5	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	45





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Sample : K3590-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0DL

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

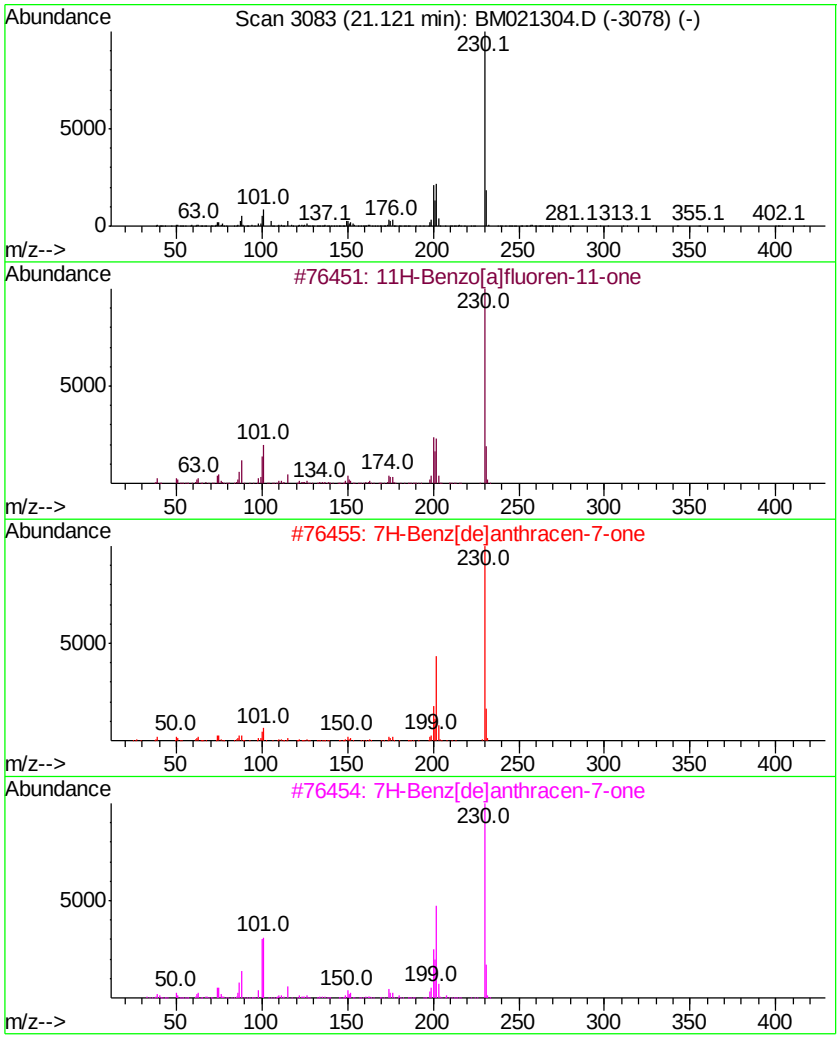
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

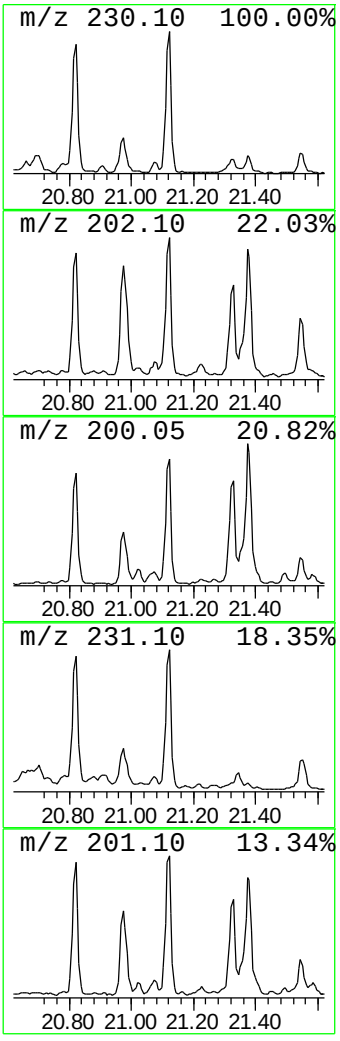
****

Peak Number 20 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	2.82 ng/ul	1430110	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	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86





Library Search Compound Report

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Data File : BM021304.D
Acq On : 01 Jul 2019 11:47
Operator : HP/JU
Sample : K3590-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0DL

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Quant Title : SVOA CALIBRATION

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

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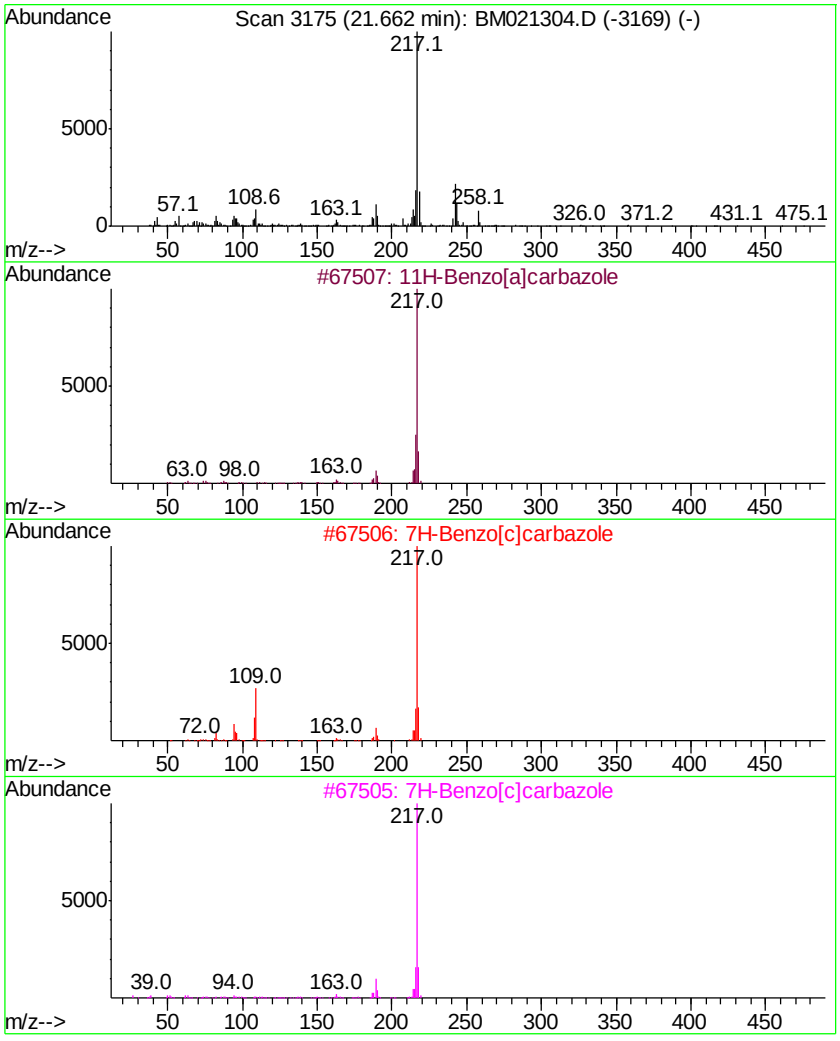
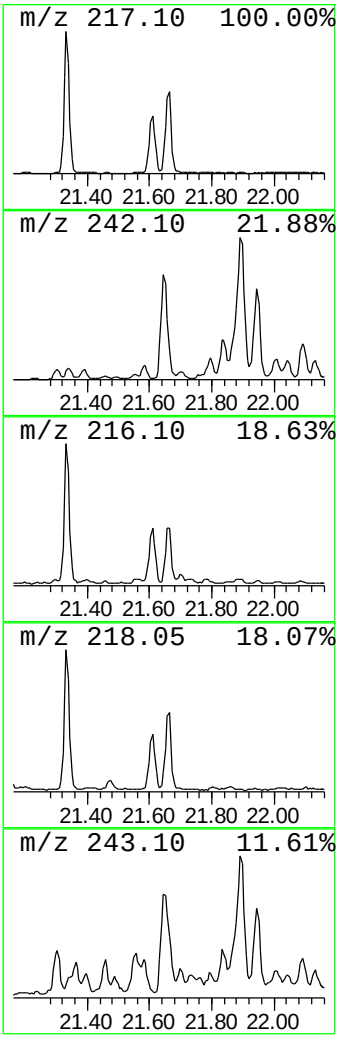
Peak Number 21 11H-Benzo[a]carbazole Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.03 ng/ul	1028750	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	91
2	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	83
3	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	64
4	Benzo(b)carbazole	217	C16H11N	000243-28-7	64
5	Benzo(c)carbazole	217	C16H11N	034777-33-8	60





Library Search Compound Report

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Sample : K3590-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0DL

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

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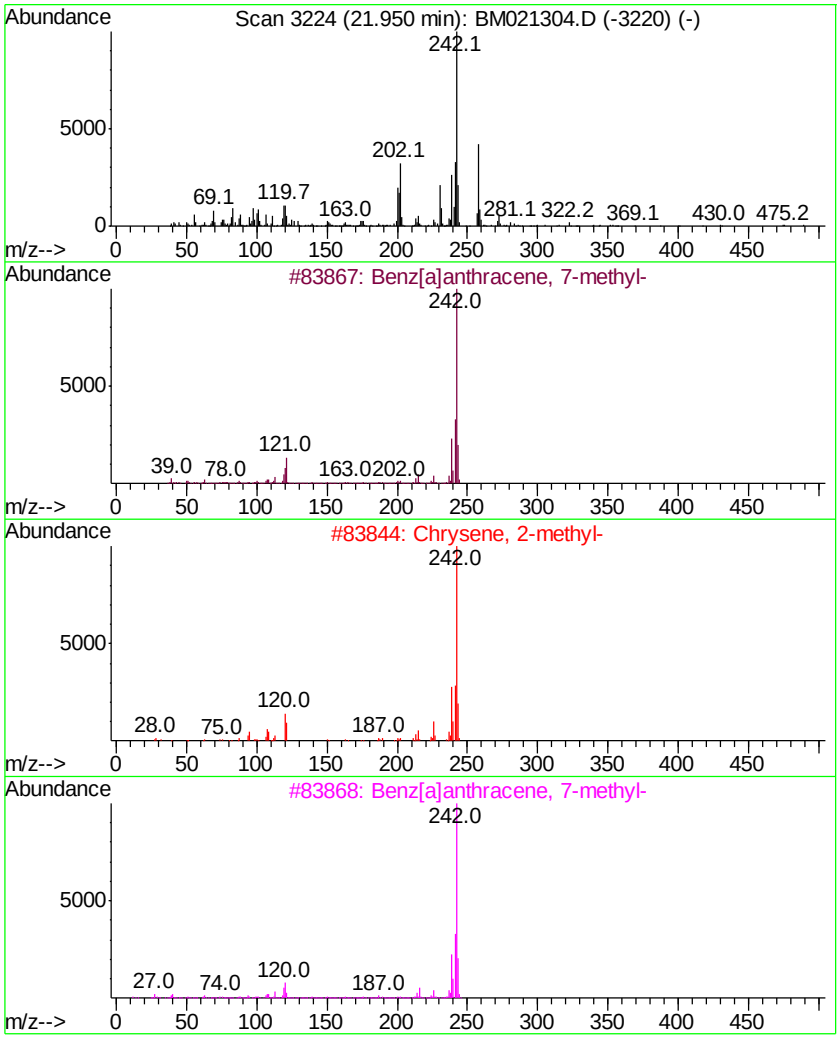
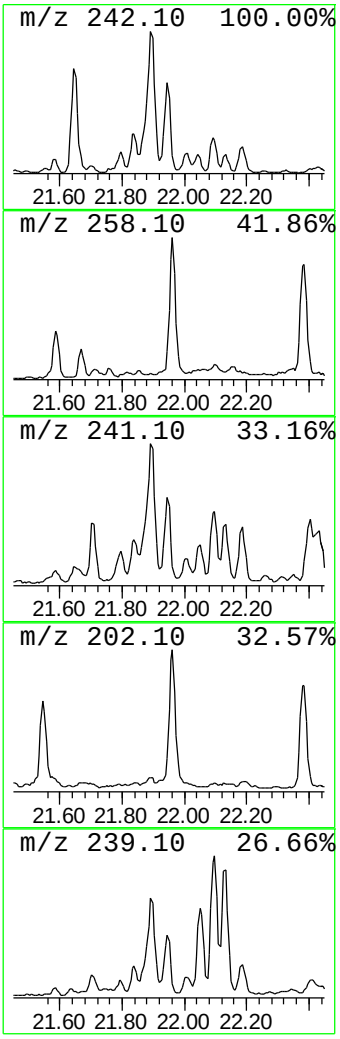
Peak Number 22 Benz[a]anthracene, 7-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	2.26 ng/ul	1146230	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	64
2	Chrysene, 2-methyl-	242	C19H14	003351-32-4	50
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	50
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	50
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	50





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Data File : BM021304.D
Acq On : 01 Jul 2019 11:47
Operator : HP/JU
Sample : K3590-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0DL

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

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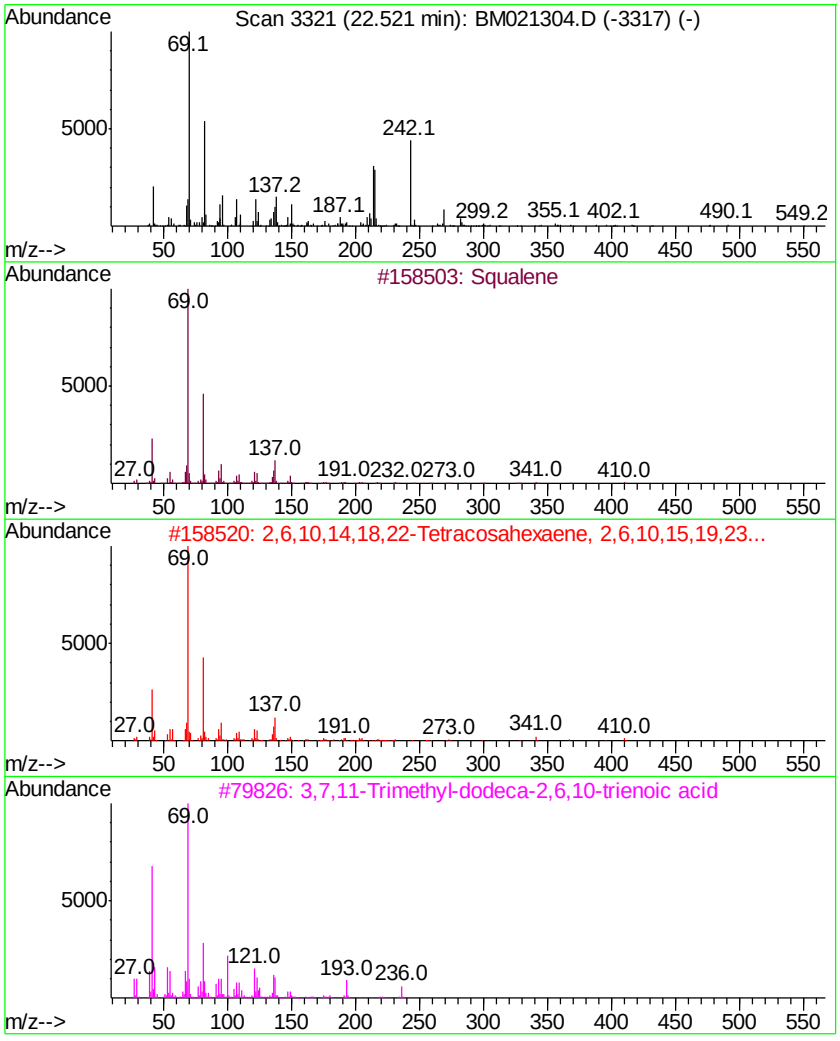
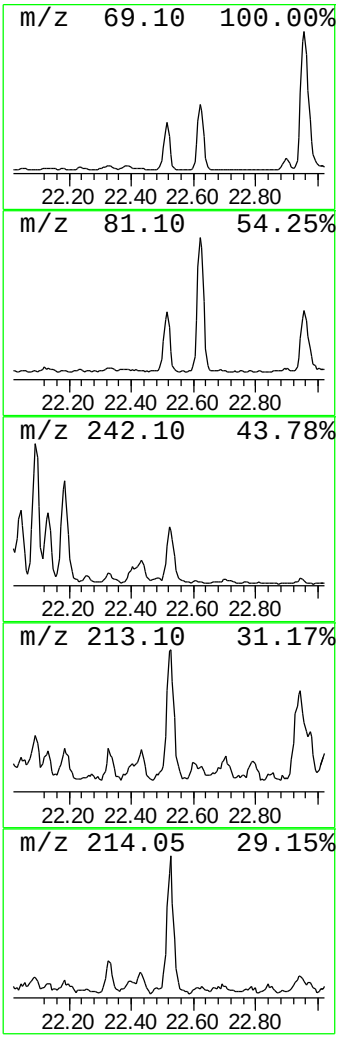
Peak Number 23 Squalene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	2.40 ng/ul	401489	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	68
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	59
3	3,7,11-Trimethyl-dodeca-2,6,10-t...	236	C15H24O2	007548-13-2	59
4	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	53
5	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	52





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Acq On : 01 Jul 2019 11:47
Operator : HP/JU
Sample : K3590-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0DL

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Quant Title : SVOA CALIBRATION

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

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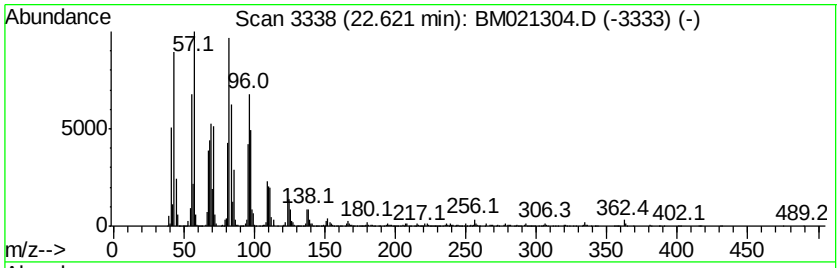
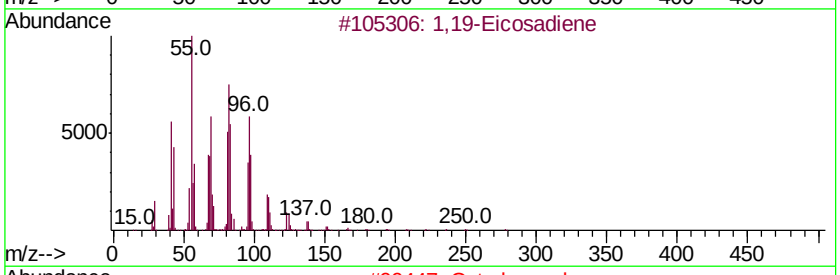
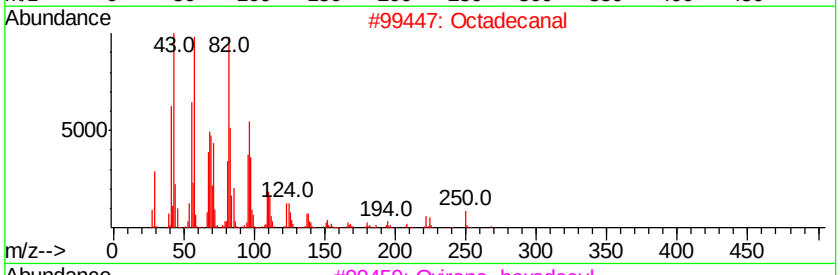
Peak Number 24 1,19-Eicosadiene Concentration Rank 3

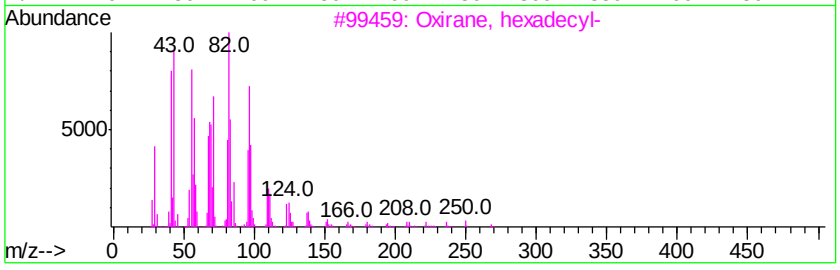
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	25.42 ng/ul	4255500	Perylene-d12	23.61

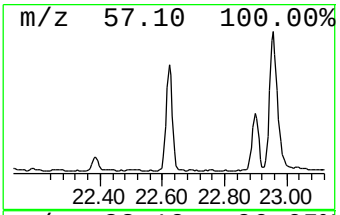
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Octadecanal	268	C18H36O	000638-66-4	94
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Octadecanal	268	C18H36O	000638-66-4	91

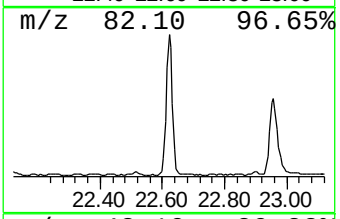


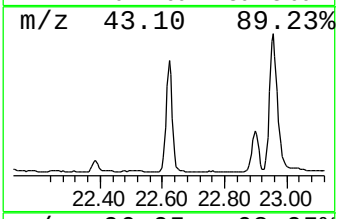


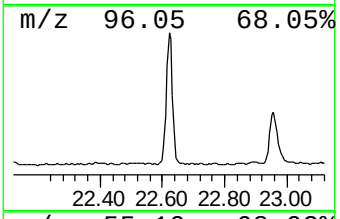


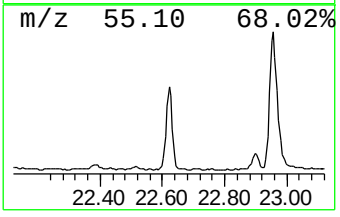












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021304.D
Acq On : 01 Jul 2019 11:47
Operator : HP/JU
Sample : K3590-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0DL

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

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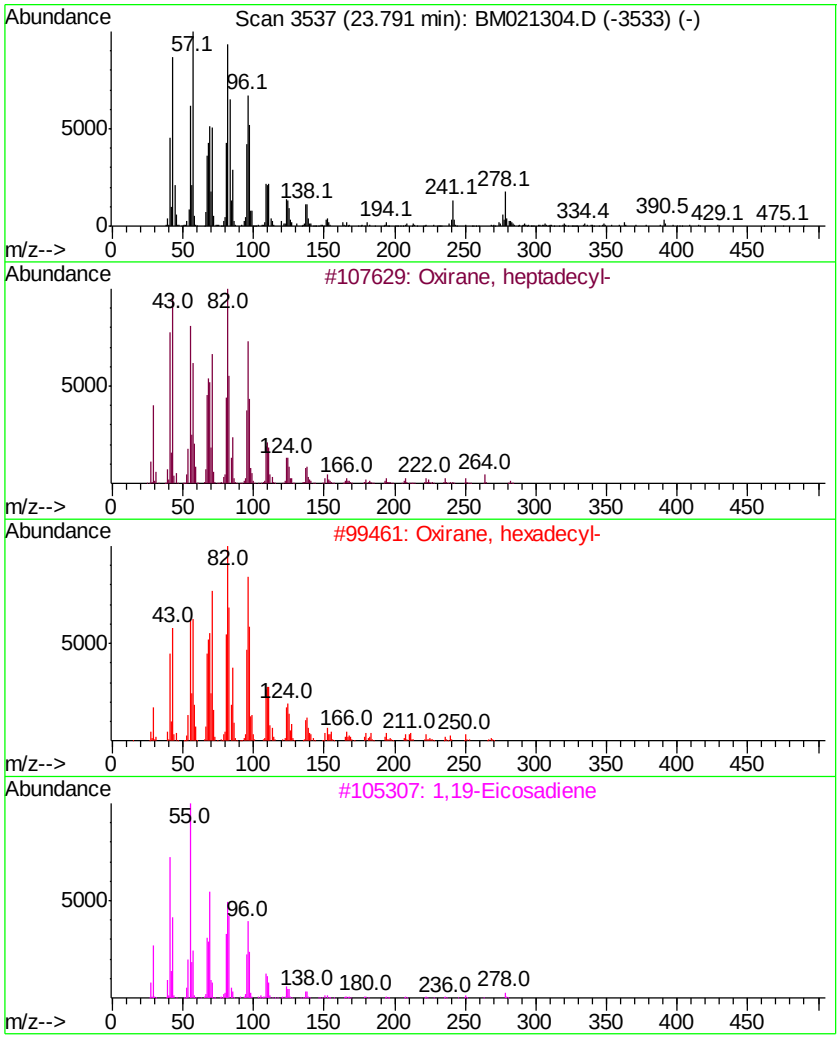
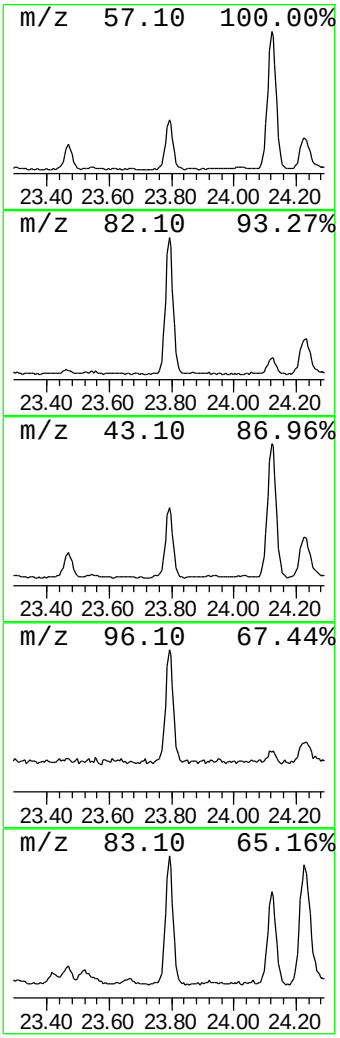
Peak Number 26 Oxirane, heptadecyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	9.34 ng/ul	1563400	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
3	1,19-Eicosadiene	278	C20H38	014811-95-1	92
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Z-10-Octadecen-1-ol acetate	310	C20H38O2	1000131-07-2	89





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Acq On : 01 Jul 2019 11:47
Operator : HP/JU
Sample : K3590-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0DL

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

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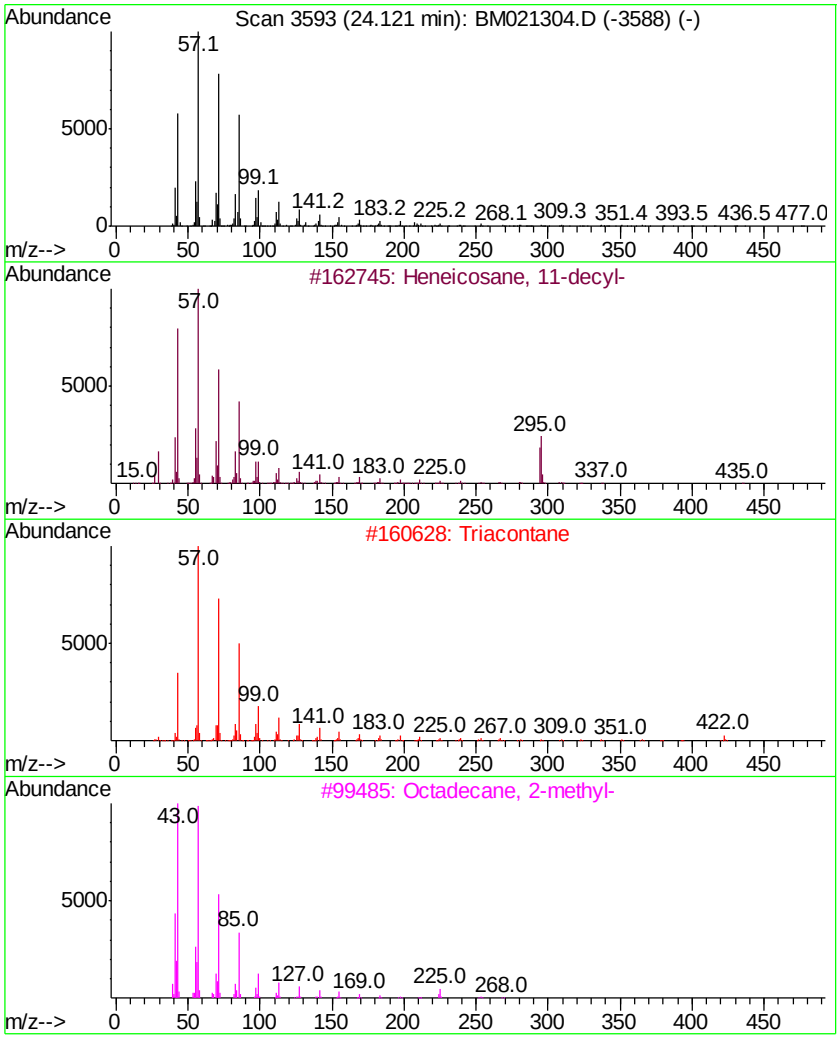
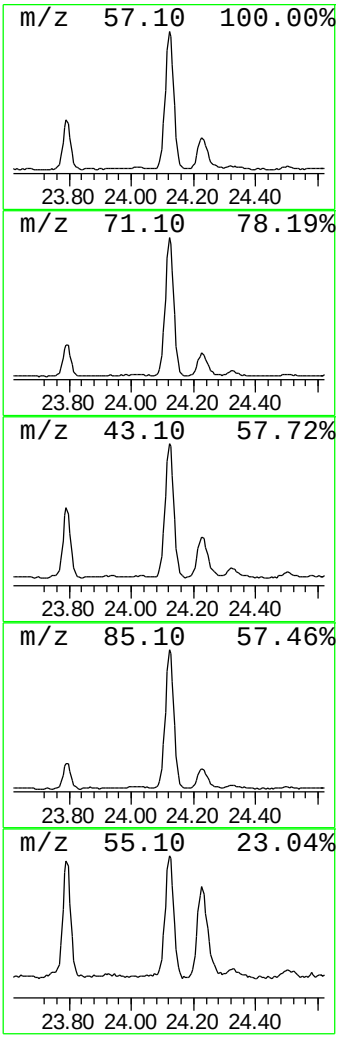
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	12.64 ng/ul	2115370	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





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Acq On : 01 Jul 2019 11:47
Operator : HP/JU
Sample : K3590-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0DL

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

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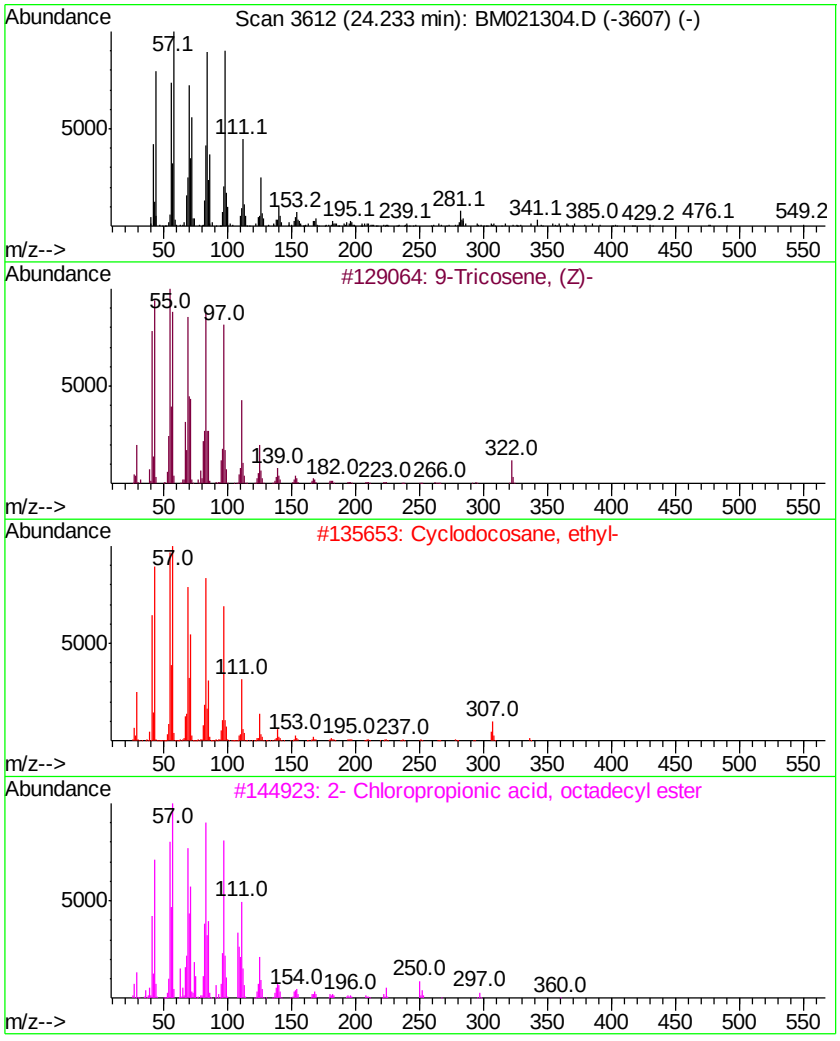
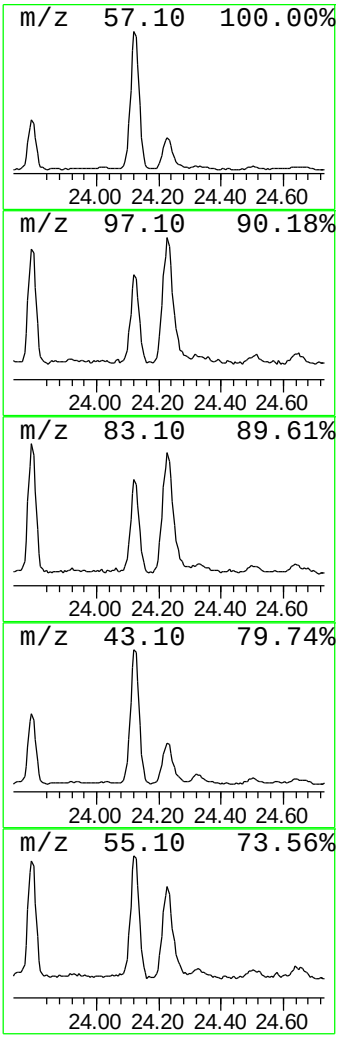
Peak Number 28 (DEL) Alkane: Cyclic24.23 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	4.98 ng/ul	833115	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
2	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	91
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	86
5	1-Tetracosanol	354	C24H50O	000506-51-4	81





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Operator : HP/JU
Sample : K3590-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0DL

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

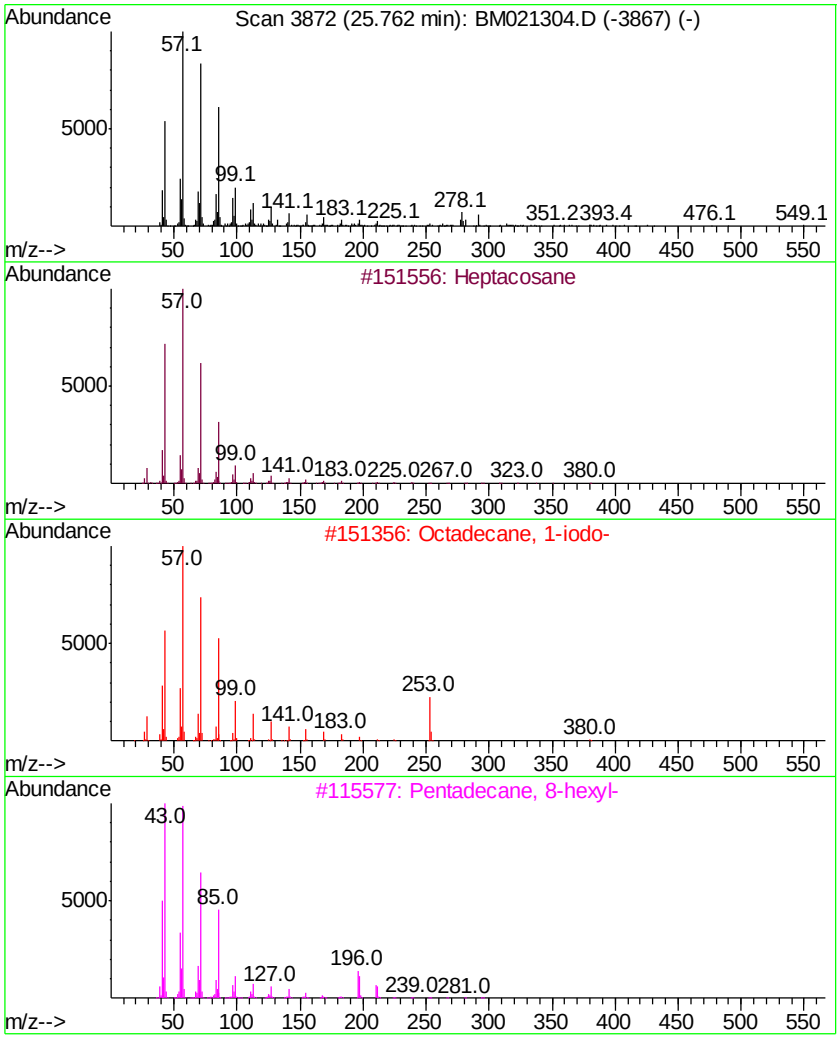
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

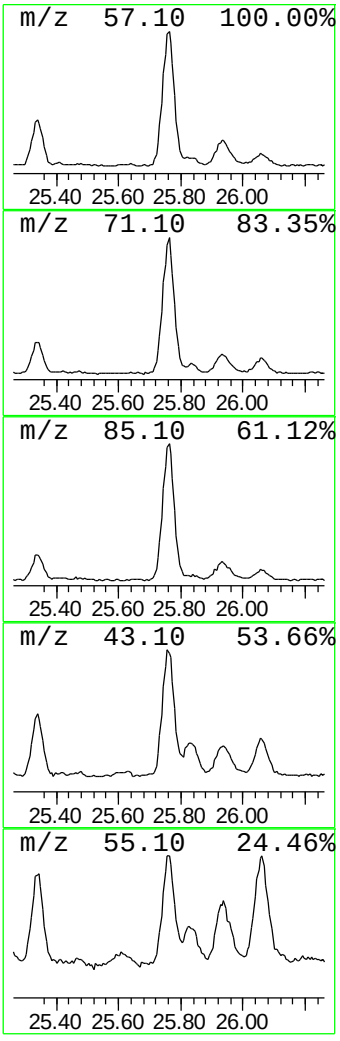
****

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	5.29 ng/ul	885503	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	98
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	98
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Octacosane	394	C28H58	000630-02-4	90
5	Triacontane	422	C30H62	000638-68-6	90





Tentatively Identified Compound (LSC) summary

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Data File : BM021304.D
Acq On : 01 Jul 2019 11:47
Operator : HP/JU
Sample : K3590-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0DL

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...	3.01	16.9	ng/ul	1363300	1	7.76	1611530	20.0
Cyclotrisiloxane,...	4.40	2.8	ng/ul	224609	1	7.76	1611530	20.0
Dodecanoic acid	17.04	2.0	ng/ul	398611	4	17.15	3907480	20.0
9-Hexadecenoic acid	17.93	11.2	ng/ul	2194730	4	17.15	3907480	20.0
Hexadecenoic acid...	17.99	33.3	ng/ul	6512550	4	17.15	3907480	20.0
n-Hexadecanoic acid	18.06	45.7	ng/ul	8927640	4	17.15	3907480	20.0
4H-Cyclopenta[def...	18.22	6.5	ng/ul	1272790	4	17.15	3907480	20.0
Phenanthrene, 4-m...	18.26	2.7	ng/ul	526738	4	17.15	3907480	20.0
unknown-01	18.34	2.1	ng/ul	404601	4	17.15	3907480	20.0
2-Phenylnaphthalene	18.53	3.8	ng/ul	749076	4	17.15	3907480	20.0
9,10-Anthracenedione	18.57	5.9	ng/ul	1155730	4	17.15	3907480	20.0
Phytol	19.06	2.8	ng/ul	539983	4	17.15	3907480	20.0
Pyrene, 1-methyl-	19.90	2.3	ng/ul	1163160	5	21.34	10137800	20.0
Benzo[b]naphtho[2...	20.99	2.7	ng/ul	1384980	5	21.34	10137800	20.0
Cyclopenta(cd)pyr...	21.02	2.3	ng/ul	1181180	5	21.34	10137800	20.0
Cyclopenta[cd]pyrene	21.06	3.3	ng/ul	1648010	5	21.34	10137800	20.0
11H-Benzo[a]fluor...	21.12	2.8	ng/ul	1430110	5	21.34	10137800	20.0
11H-Benzo[a]carba...	21.66	2.0	ng/ul	1028750	5	21.34	10137800	20.0
Benz[a]anthracene...	21.95	2.3	ng/ul	1146230	5	21.34	10137800	20.0
Squalene	22.52	2.4	ng/ul	401489	6	23.61	3348220	20.0
1,19-Eicosadiene	22.62	25.4	ng/ul	4255500	6	23.61	3348220	20.0
Oxirane, heptadecyl-	23.79	9.3	ng/ul	1563400	6	23.61	3348220	20.0
(DEL) Alkane: Str...	24.12	12.6	ng/ul	2115370	6	23.61	3348220	20.0
(DEL) Alkane: Cyc...	24.23	5.0	ng/ul	833115	6	23.61	3348220	20.0
(DEL) Alkane: Str...	25.76	5.3	ng/ul	885503	6	23.61	3348220	20.0