LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025771.D
Acq On : 25 Mar 2020 17:08
Operator : CG/JU
Sample : L1938-21
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB795

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-BM031420MA.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	3.846	159	163	173	rVB	208502	296495	0.88%	0.205%
2	4.199	217	223	228	rBV3	48562	72350	0.22%	0.050%
3	6.751	646	657	665	rVB	931062	1527169	4.54%	1.058%
4	6.916	679	685	696	rBV	691324	1068439	3.18%	0.740%
5	7.104	711	717	727	rVV	974580	1514296	4.51%	1.049%
6	7.569	789	796	803	rBV	756976	1156485	3.44%	0.802%
7	8.275	909	916	926	rBV	1025914	1609111	4.79%	1.115%
8	8.710	983	990	998	rVB	895844	1420347	4.23%	0.984%
9	8.892	1015	1021	1030	rVB	153294	230270	0.69%	0.160%
10	9.186	1065	1071	1078	rBV	125658	174641	0.52%	0.121%
11	9.428	1103	1112	1120	rBV	724437	1194696	3.56%	0.828%
12	9.963	1196	1203	1212	rVB	1191085	1942425	5.78%	1.346%
13	10.333	1259	1266	1272	rBV	1047791	1684625	5.01%	1.168%
14	10.381	1272	1274	1281	rVB	76377	104518	0.31%	0.072%
15	10.469	1281	1289	1304	rBV	870347	1613998	4.80%	1.119%
16	12.004	1544	1550	1556	rVB	50774	82768	0.25%	0.057%
17	13.627	1820	1826	1830	rVV	2019476	2724047	8.11%	1.888%
18	13.674	1830	1834	1839	rVB	380838	512857	1.53%	0.355%
19	13.892	1864	1871	1882	rBV	2436103	3635256	10.82%	2.519%
20	14.210	1918	1925	1931	rBV2	1459024	2203443	6.56%	1.527%
21	14.274	1931	1936	1944	rVB	107496	170244	0.51%	0.118%
22	14.410	1953	1959	1969	rBV	891756	1347013	4.01%	0.934%
23	14.610	1989	1993	1997	rBV	73478	107699	0.32%	0.075%
24	15.204	2088	2094	2100	rBV	3056261	4283125	12.75%	2.968%
25	15.257	2100	2103	2109	rVB3	115034	185721	0.55%	0.129%
26	15.327	2109	2115	2122	rBV	891112	1240470	3.69%	0.860%
27	15.704	2175	2179	2187	rVV2	50828	106544	0.32%	0.074%
28	15.804	2187	2196	2202	rVV4	104632	164320	0.49%	0.114%
29	15.957	2212	2222	2225	rBV5	40304	108105	0.32%	0.075%
30	16.610	2328	2333	2342	rVB	80709	159769	0.48%	0.111%
31	16.698	2342	2348	2353	rBV5	44899	98202	0.29%	0.068%
32	16.768	2353	2360	2364	rVB2	66238	129301	0.38%	0.090%
33	16.951	2386	2391	2395	rBV	1835985	2549929	7.59%	1.767%
34	16.992	2395	2398	2403	rVB	1401322	1830308	5.45%	1.268%

LSC Area Percent Report

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Acq On : 25 Mar 2020 17:08
Operator : CG/JU
Sample : L1938-21
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB795

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-BM031420MA.M
Title : SVOA CALIBRATION

35	17.051	2403	2408	2412	rBV2	3149301	4356464	12.96%	3.019%
36	17.357	2455	2460	2465	rBV	150419	228479	0.68%	0.158%
37	17.827	2535	2540	2544	rVV	243010	336987	1.00%	0.234%
38	17.874	2544	2548	2556	rVB	331463	443608	1.32%	0.307%
39	17.951	2556	2561	2566	rBV2	108405	192112	0.57%	0.133%
40	18.021	2566	2573	2576	rVV2	283192	496939	1.48%	0.344%
41	18.056	2576	2579	2586	rVB	151920	217052	0.65%	0.150%
42	18.180	2596	2600	2604	rVB4	74881	95084	0.28%	0.066%
43	18.333	2620	2626	2629	rBV	159628	247568	0.74%	0.172%
44	18.368	2629	2632	2640	rVB2	110149	169612	0.50%	0.118%
45	18.598	2660	2671	2675	rBV6	106465	281974	0.84%	0.195%
46	18.633	2675	2677	2681	rVV	79119	106536	0.32%	0.074%
47	18.674	2681	2684	2687	rVB	65143	81083	0.24%	0.056%
48	18.751	2692	2697	2702	rBV2	205882	357345	1.06%	0.248%
49	18.815	2703	2708	2712	rVV3	124957	212429	0.63%	0.147%
50	18.892	2717	2721	2729	rVB3	152406	288886	0.86%	0.200%
51	19.015	2733	2742	2748	rVB	2581609	3393158	10.10%	2.352%
52	19.092	2751	2755	2759	rBV2	61913	115339	0.34%	0.080%
53	19.221	2771	2777	2781	rBV4	51979	137458	0.41%	0.095%
54	19.256	2781	2783	2789	rVV2	85050	140735	0.42%	0.098%
55	19.351	2793	2799	2802	rVV	4366728	6090515	18.12%	4.221%
56	19.380	2802	2804	2812	rVV	2346206	2668556	7.94%	1.849%
57	19.462	2813	2818	2824	rVB3	125958	278949	0.83%	0.193%
58	19.562	2831	2835	2842	rBV	147503	211271	0.63%	0.146%
59	19.709	2854	2860	2867	rBV2	181285	466125	1.39%	0.323%
60	19.845	2879	2883	2885	rBV3	153188	224612	0.67%	0.156%
61	19.880	2886	2889	2896	rVB2	283082	411104	1.22%	0.285%
62	19.939	2896	2899	2902	rBV	155542	154471	0.46%	0.107%
63	19.980	2903	2906	2910	rVB	167622	191442	0.57%	0.133%
64	20.039	2910	2916	2920	rBV2	276988	430035	1.28%	0.298%
65	20.180	2936	2940	2943	rVB	139502	177473	0.53%	0.123%
66	20.221	2943	2947	2952	rBV2	137509	220960	0.66%	0.153%
67	20.439	2981	2984	2986	rBV	149141	167411	0.50%	0.116%
68	20.627	3013	3016	3024	rVB	247306	354948	1.06%	0.246%
69	20.792	3039	3044	3048	rBV3	188311	350569	1.04%	0.243%
70	20.833	3048	3051	3054	rBV	206090	210979	0.63%	0.146%
71	20.892	3054	3061	3065	rBV4	1330076	2113773	6.29%	1.465%

LSC Area Percent Report

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Sample : L1938-21
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB795

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Title : SVOA CALIBRATION

72	21.097	3091	3096	3100	rBV	29666139	33603123	100.00%	23.289%
73	21.145	3100	3104	3108	rVV2	2831752	4932636	14.68%	3.419%
74	21.186	3108	3111	3122	rVB	1294043	1687526	5.02%	1.170%
75	21.303	3128	3131	3133	rBV	146145	175242	0.52%	0.121%
76	21.333	3133	3136	3145	rVB2	397542	572876	1.70%	0.397%
77	21.456	3154	3157	3161	rBV2	148822	198300	0.59%	0.137%
78	21.509	3163	3166	3169	rVB2	161147	188444	0.56%	0.131%
79	21.692	3194	3197	3201	rVB	289825	361556	1.08%	0.251%
80	21.768	3203	3210	3214	rBV3	1152621	1895894	5.64%	1.314%
81	21.880	3227	3229	3232	rBV3	121070	116645	0.35%	0.081%
82	21.944	3237	3240	3244	rVB2	257730	328166	0.98%	0.227%
83	22.203	3280	3284	3293	rVB2	565770	975768	2.90%	0.676%
84	22.421	3316	3321	3331	rVB2	1218804	1662042	4.95%	1.152%
85	22.662	3357	3362	3364	rBV	1267333	1956090	5.82%	1.356%
86	22.691	3364	3367	3370	rVV	1782425	3003784	8.94%	2.082%
87	22.727	3370	3373	3380	rVB	2858563	4090917	12.17%	2.835%
88	22.821	3386	3389	3397	rVB	299958	499079	1.49%	0.346%
89	23.115	3435	3439	3442	rBV	600706	915886	2.73%	0.635%
90	23.168	3442	3448	3452	rVV	3039311	5228720	15.56%	3.624%
91	23.209	3452	3455	3463	rVB2	1067381	2293903	6.83%	1.590%
92	23.297	3464	3470	3476	rBV	1803621	3224441	9.60%	2.235%
93	23.527	3504	3509	3517	rVB3	450274	789592	2.35%	0.547%
94	23.844	3557	3563	3570	rVB	1490078	2748195	8.18%	1.905%
95	23.915	3570	3575	3584	rVB	1268099	2343321	6.97%	1.624%
96	24.968	3749	3754	3763	rVB3	430018	973966	2.90%	0.675%
97	25.380	3817	3824	3827	rBV2	641633	1569776	4.67%	1.088%
98	25.497	3839	3844	3856	rVB4	451691	1214571	3.61%	0.842%
99	26.197	3956	3963	3972	rBV4	524306	1393877	4.15%	0.966%
100	27.679	4210	4215	4231	rVB5	455563	1473823	4.39%	1.021%

Sum of corrected areas: 144289186

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
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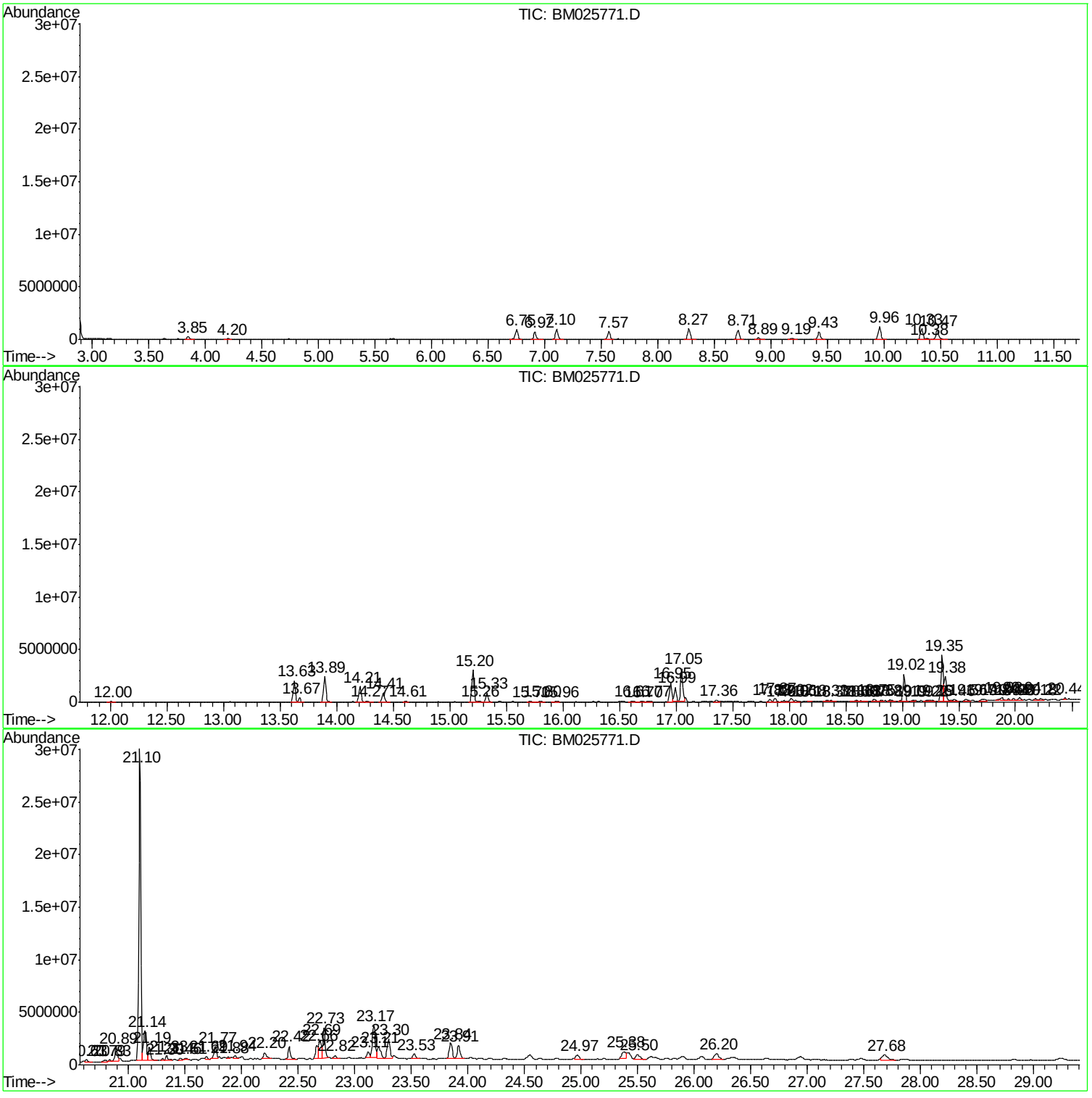
Sample : L1938-21
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB795

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.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\BM032320\
Data File : BM025771.D
Acq On : 25 Mar 2020 17:08
Operator : CG/JU
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Instrument : BNA_M
ClientSampleId : CB795

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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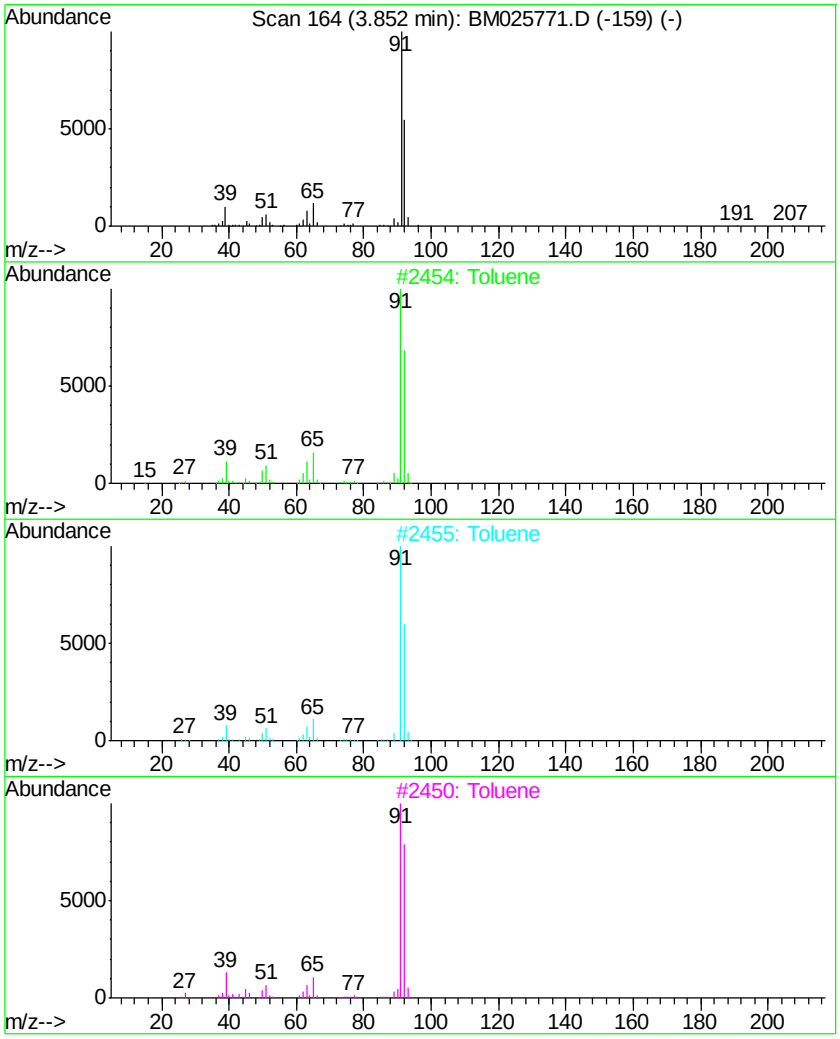
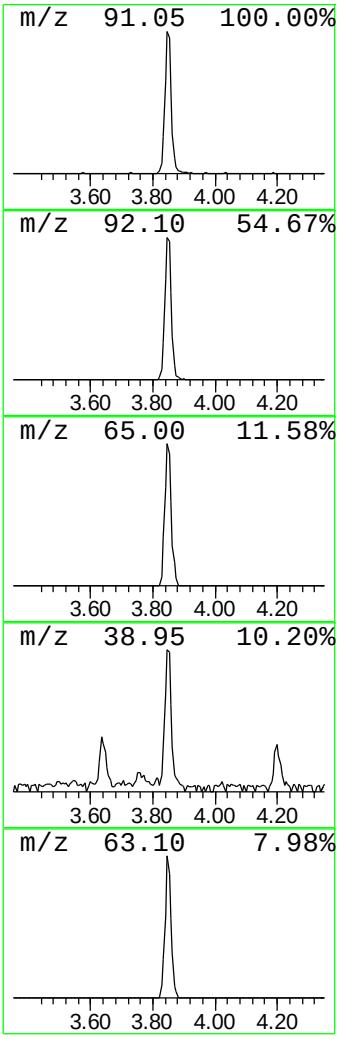
Peak Number 1 Toluene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.85	5.13 ng/ul	296495	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	Toluene	92	C7H8	000108-88-3	93
3	Toluene	92	C7H8	000108-88-3	93
4	Toluene	92	C7H8	000108-88-3	90
5	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
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Acq On : 25 Mar 2020 17:08
Operator : CG/JU
Sample : L1938-21
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB795

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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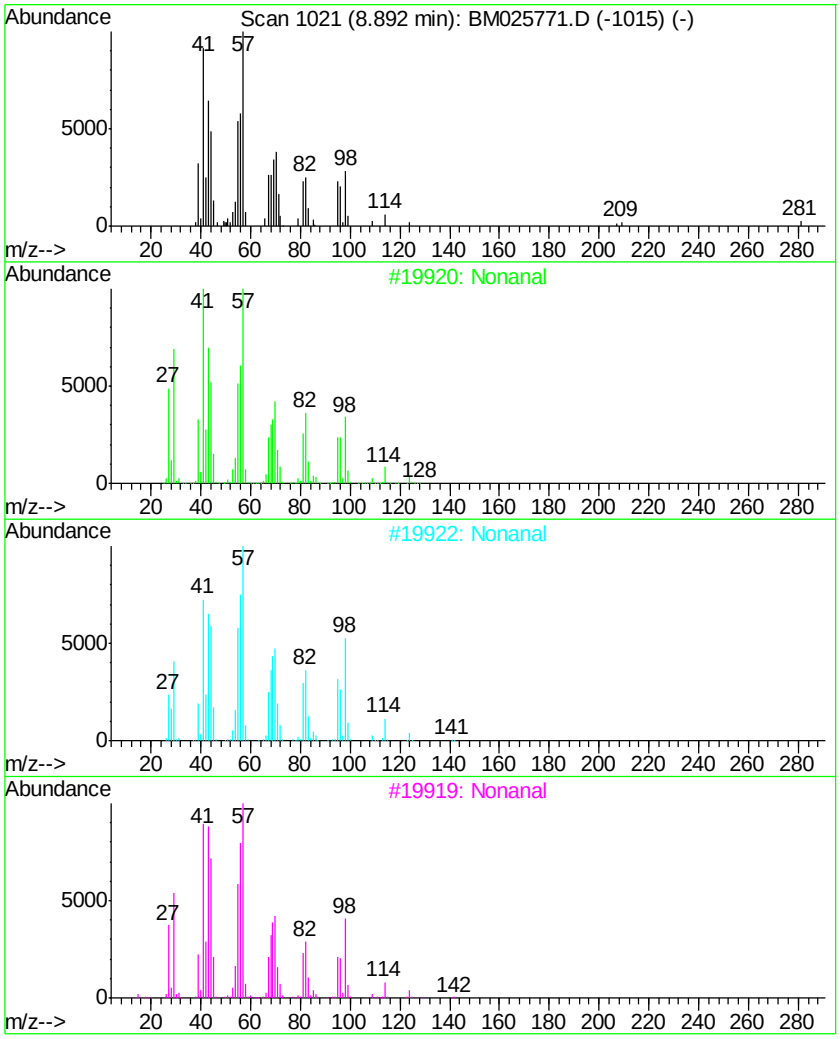
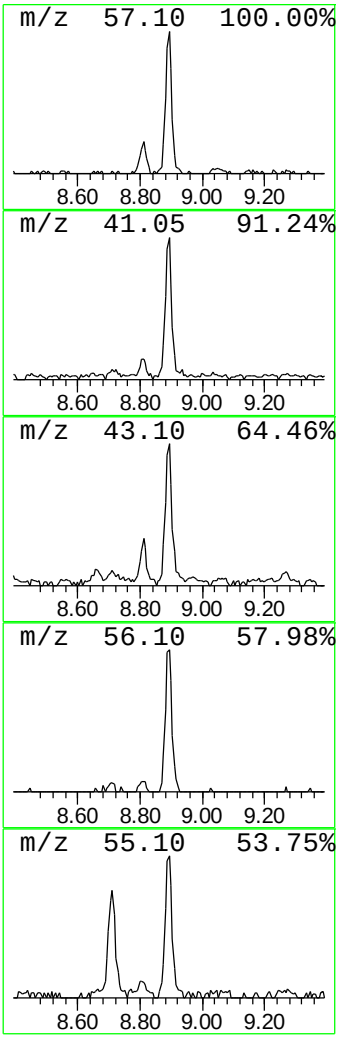
Peak Number 2 Nonanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	3.98 ng/ul	230270	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	86
2	Nonanal	142	C9H18O	000124-19-6	83
3	Nonanal	142	C9H18O	000124-19-6	80
4	2-Hexene, 5-methyl-, (E)-	98	C7H14	007385-82-2	22
5	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	22





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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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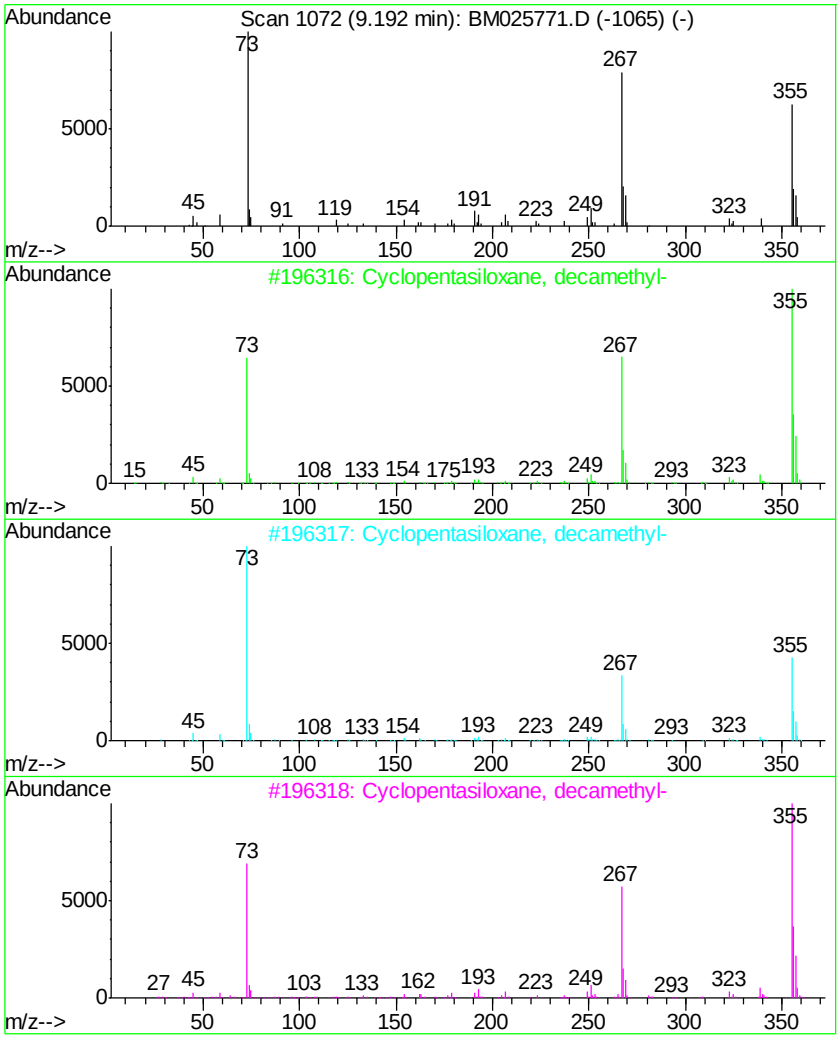
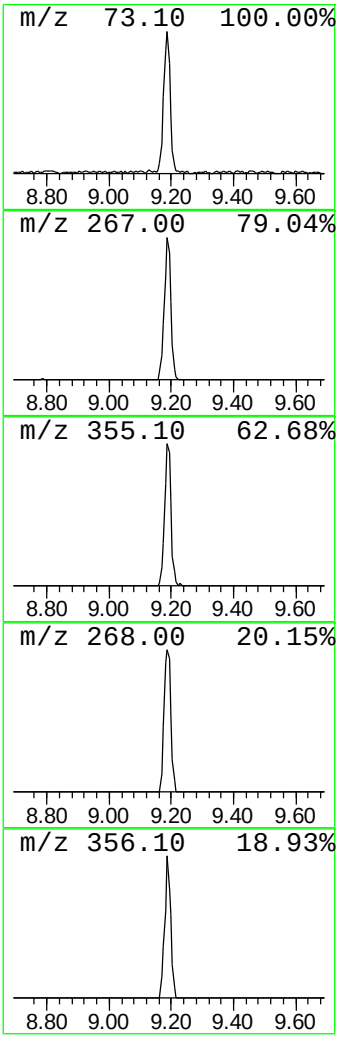
Peak Number 3 Cyclopentasiloxane, decamet... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	2.07 ng/ul	174641	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
3	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
4	3-Amino-2-phenazinol ditms	355	C18H25N3OSi2	1000332-15-5	52
5	Benzeneethanamine, N-[(pentafluo...	563	C24H34F5NO3Si3	055429-13-5	43





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Sample : L1938-21
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB795

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.64 ng/ul	336987	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
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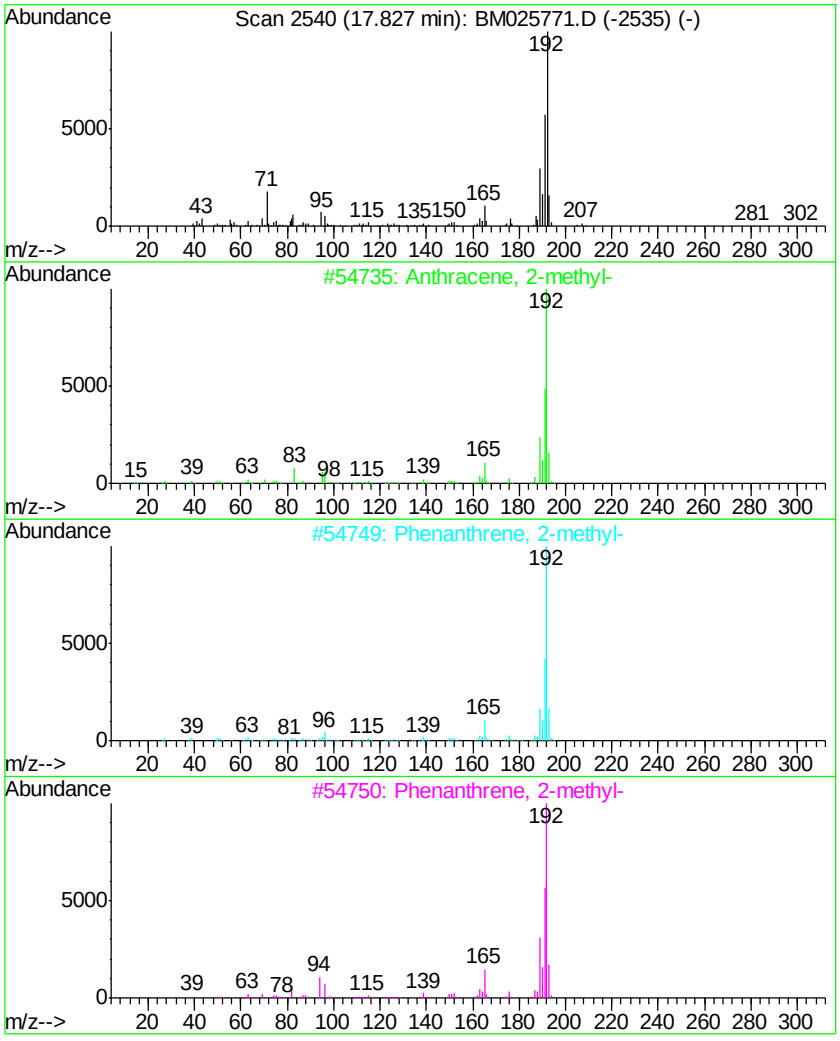

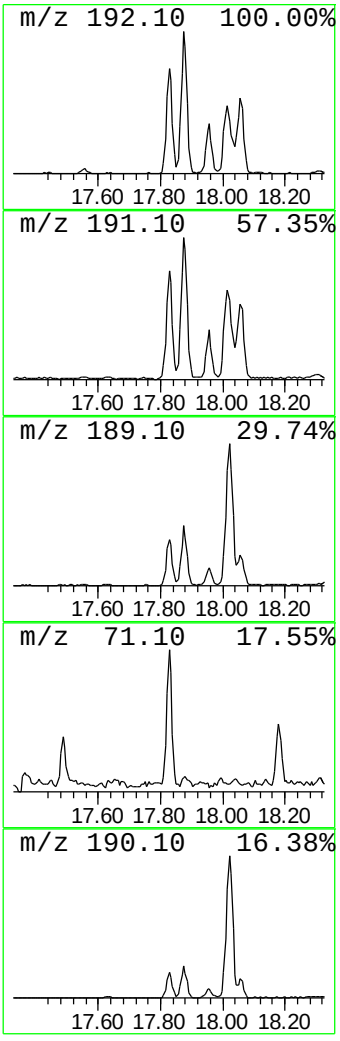

Library Search Compound Report

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Data File : BM025771.D
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Sample : L1938-21
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB795

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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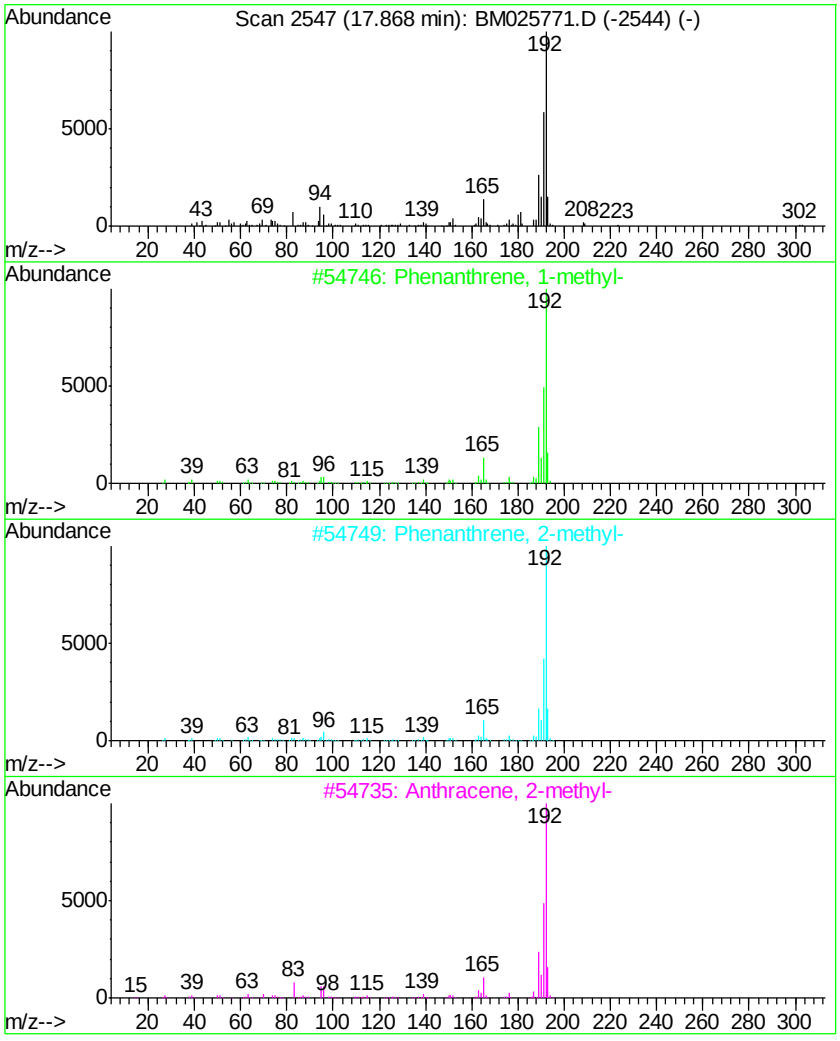
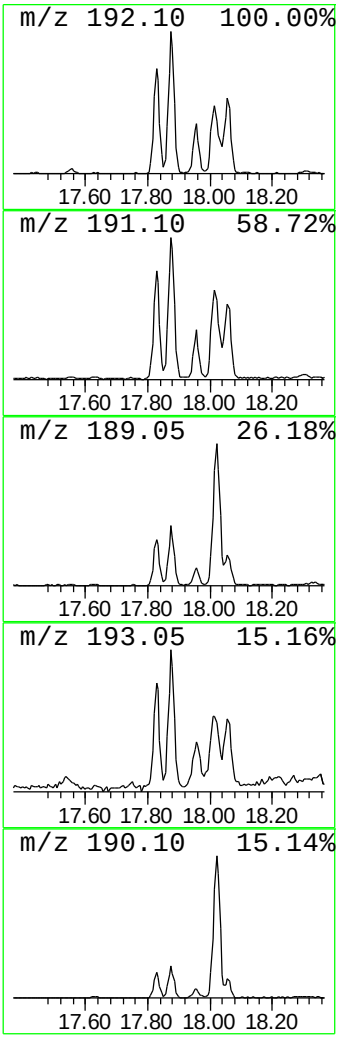
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	3.48 ng/ul	443608	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Acq On : 25 Mar 2020 17:08
Operator : CG/JU
Sample : L1938-21
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB795

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Quant Title : SVOA CALIBRATION

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

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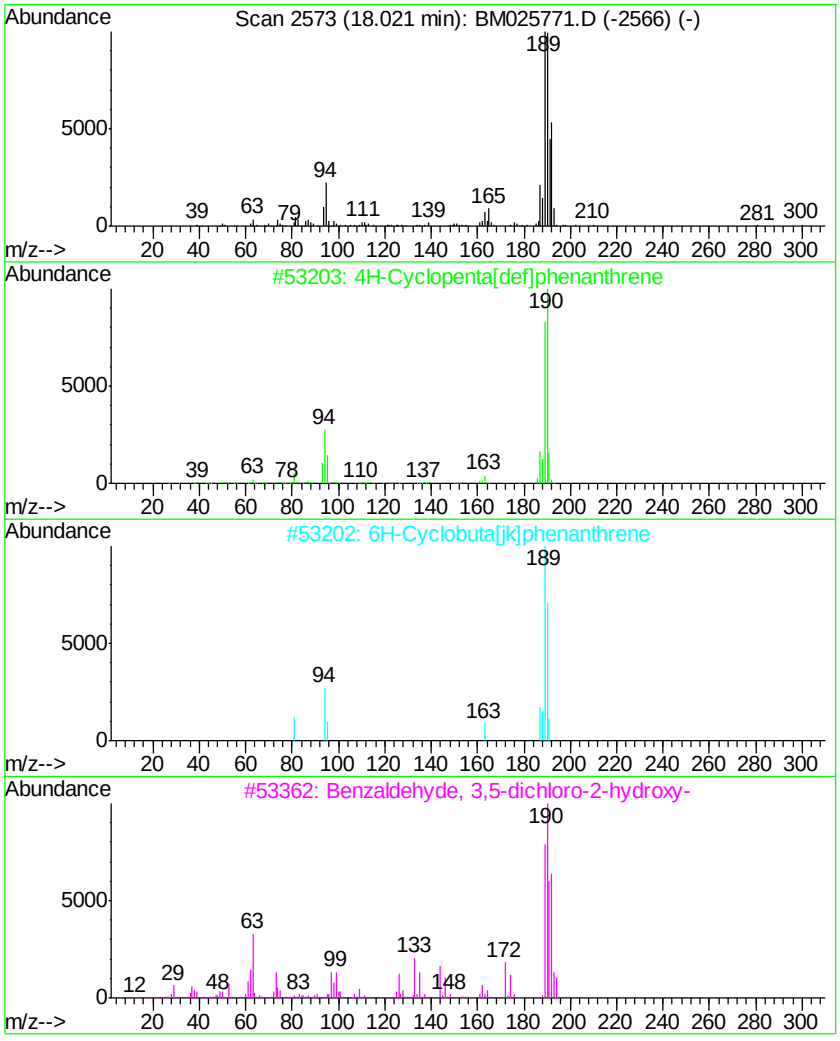
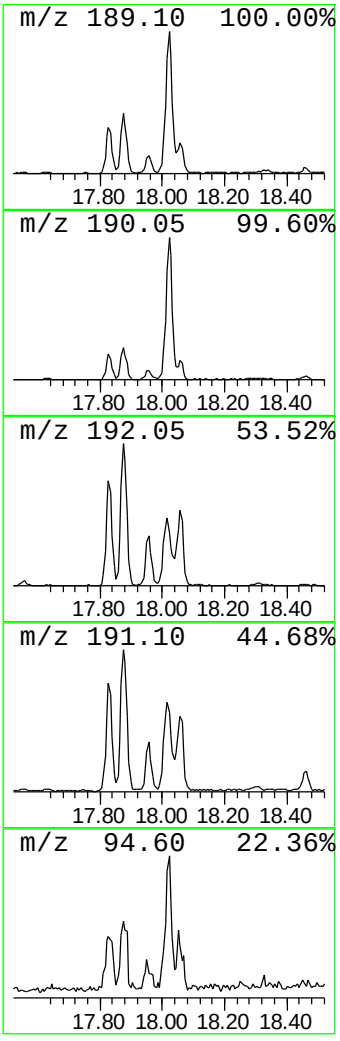
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	3.90 ng/ul	496939	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47





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Sample : L1938-21
Misc :
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Instrument : BNA_M
ClientSampleId : CB795

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Quant Title : SVOA CALIBRATION

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

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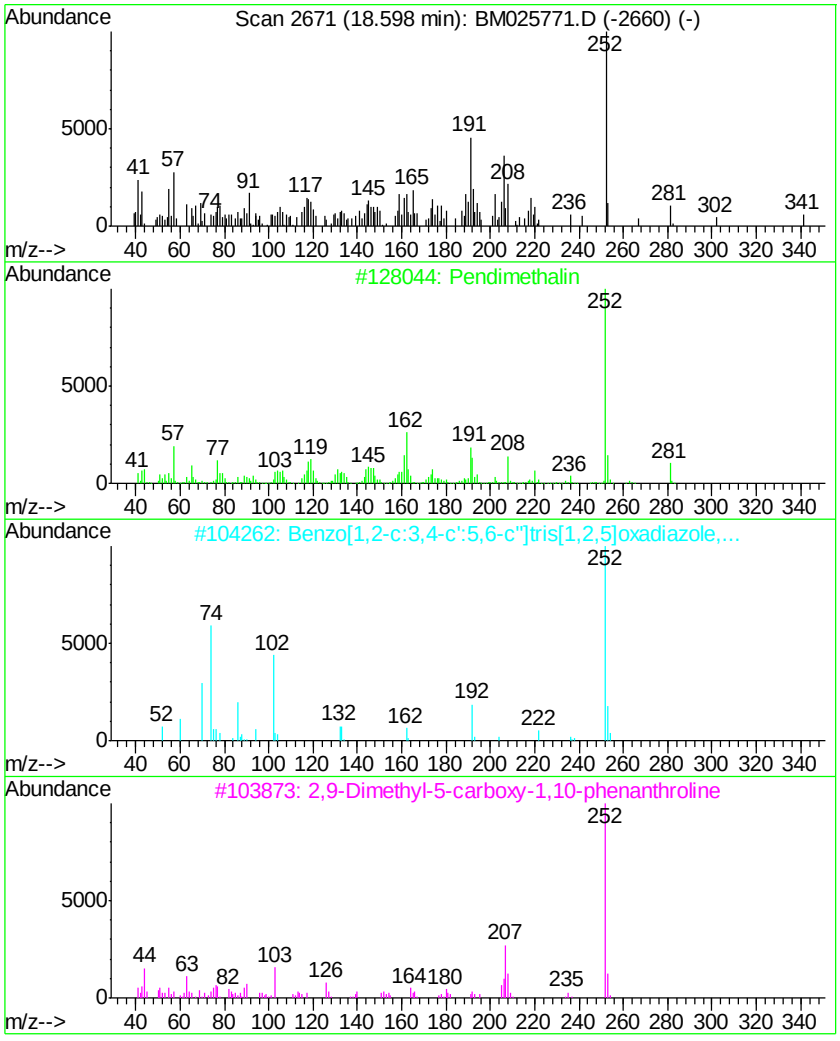
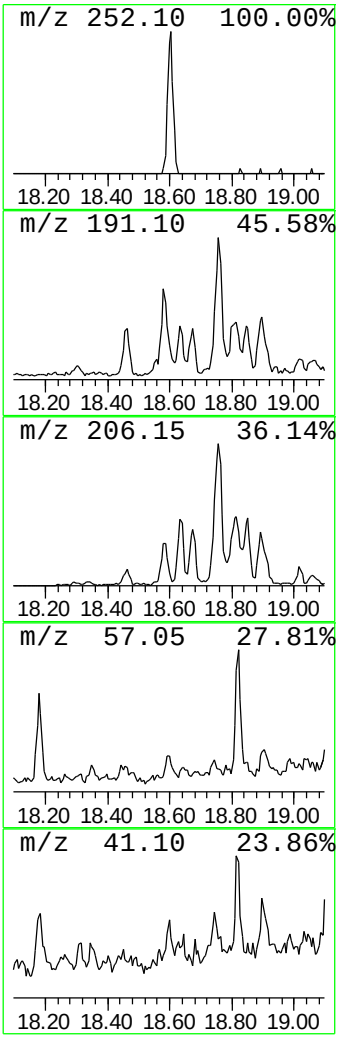
Peak Number 7 Pendimethalin Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	2.21 ng/ul	281974	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pendimethalin	281	C13H19N3O4	040487-42-1	64
2	Benzo[1,2-c:3,4-c':5,6-c'']tris[...	252	C6N6O6	003470-17-5	38
3	2,9-Dimethyl-5-carboxy-1,10-phen...	252	C15H12N2O2	1000252-33-3	35
4	Chalcone, 4'-nitro-, (E)-	253	C15H11NO3	020432-02-4	35
5	Benzo[1,2-c:3,4-c':5,6-c'']tris[...	252	C6N6O6	003470-17-5	35





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Quant Title : SVOA CALIBRATION

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

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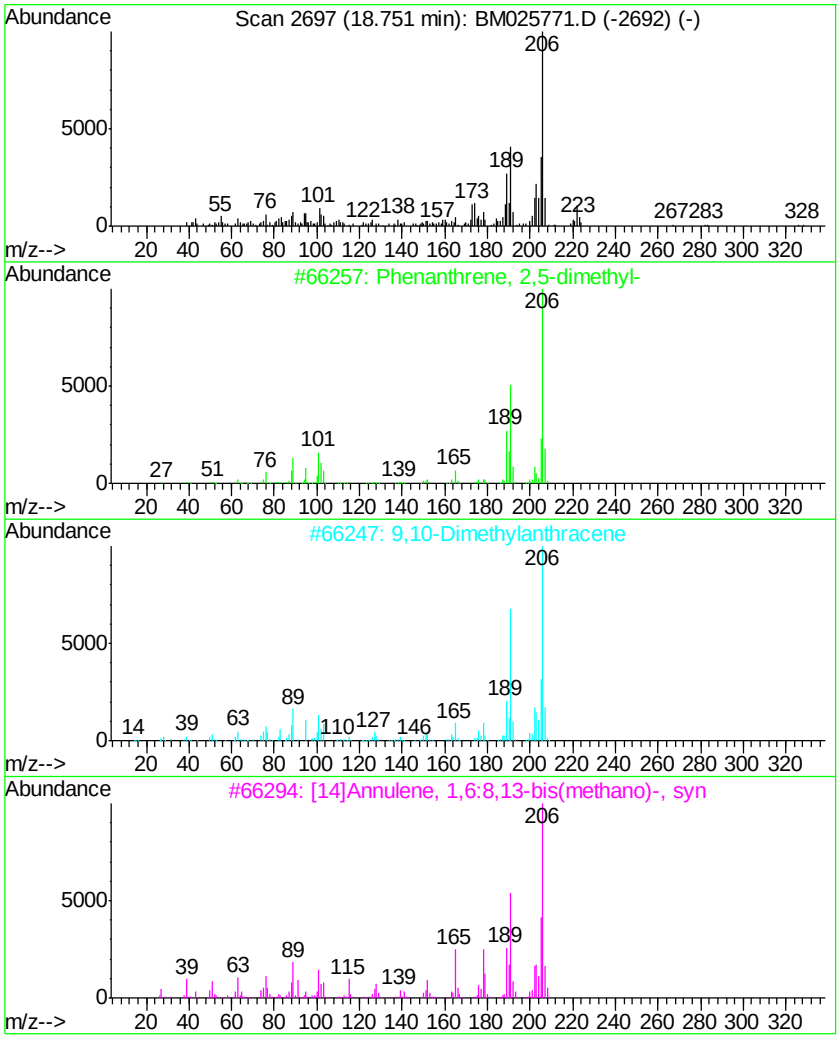
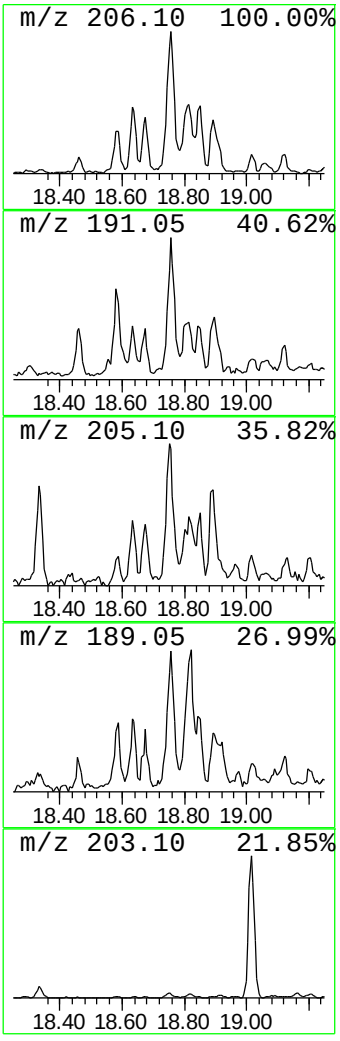
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	2.80 ng/ul	357345	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	68
4	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	64
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64





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ClientSampleId : CB795

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Quant Title : SVOA CALIBRATION

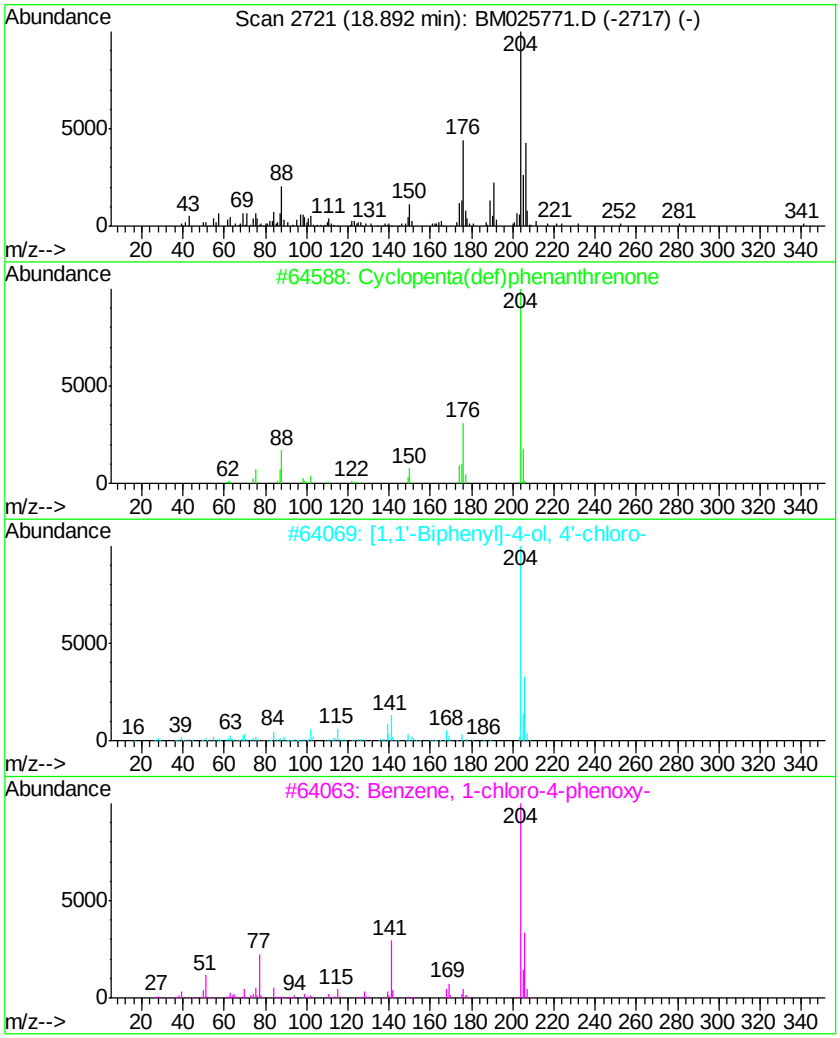
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

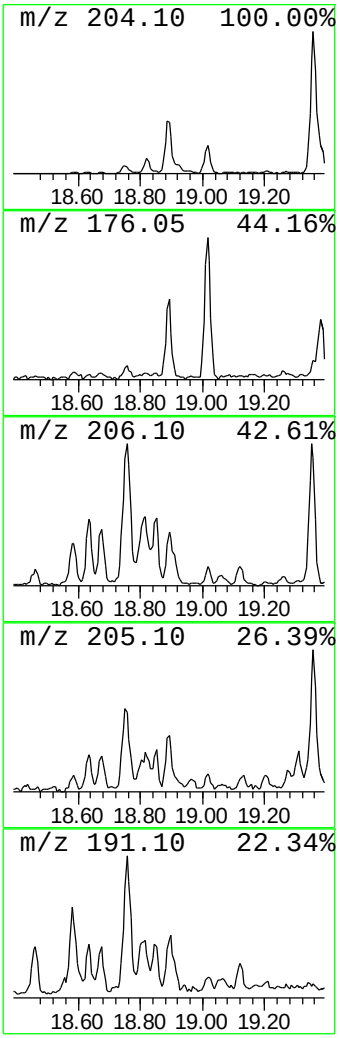
****

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	2.27 ng/ul	288886	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
3	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	43
4	l-Mannopyranose, 6-deoxy-1,2,3,4...	452	C18H44O5Si4	108392-01-4	38
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	38





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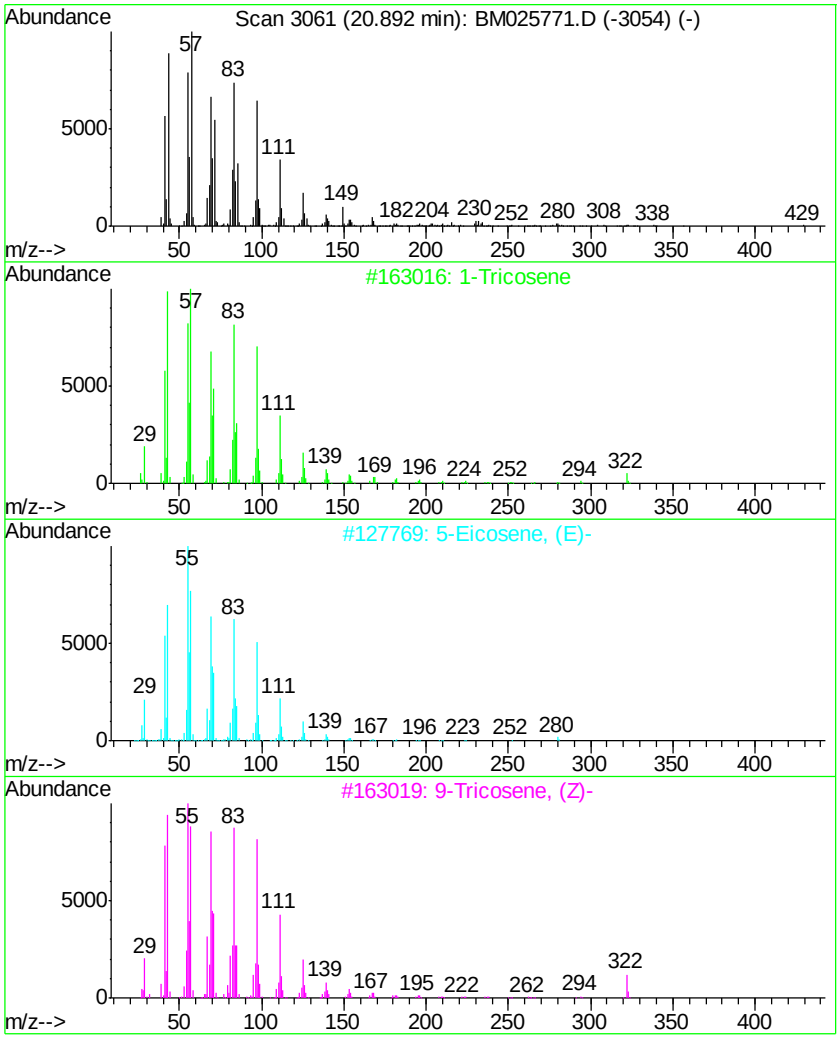
Quant Title : SVOA CALIBRATION

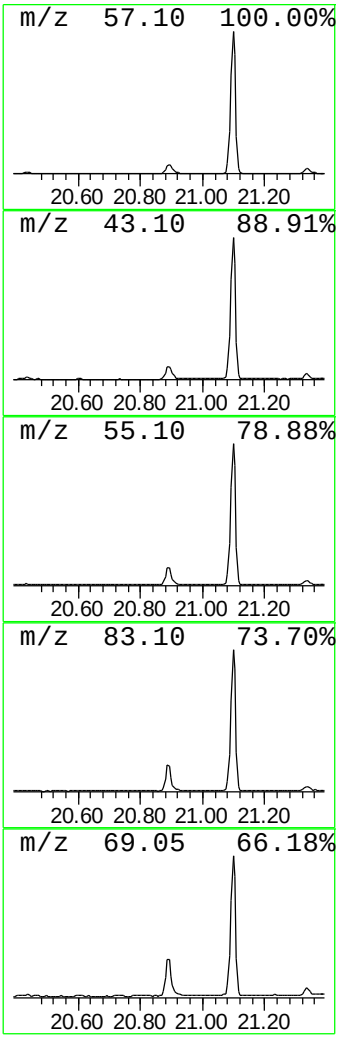
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	8.57 ng/ul	2113770	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	99
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
4	Cyclotetracosane	336	C24H48	000297-03-0	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : CB795

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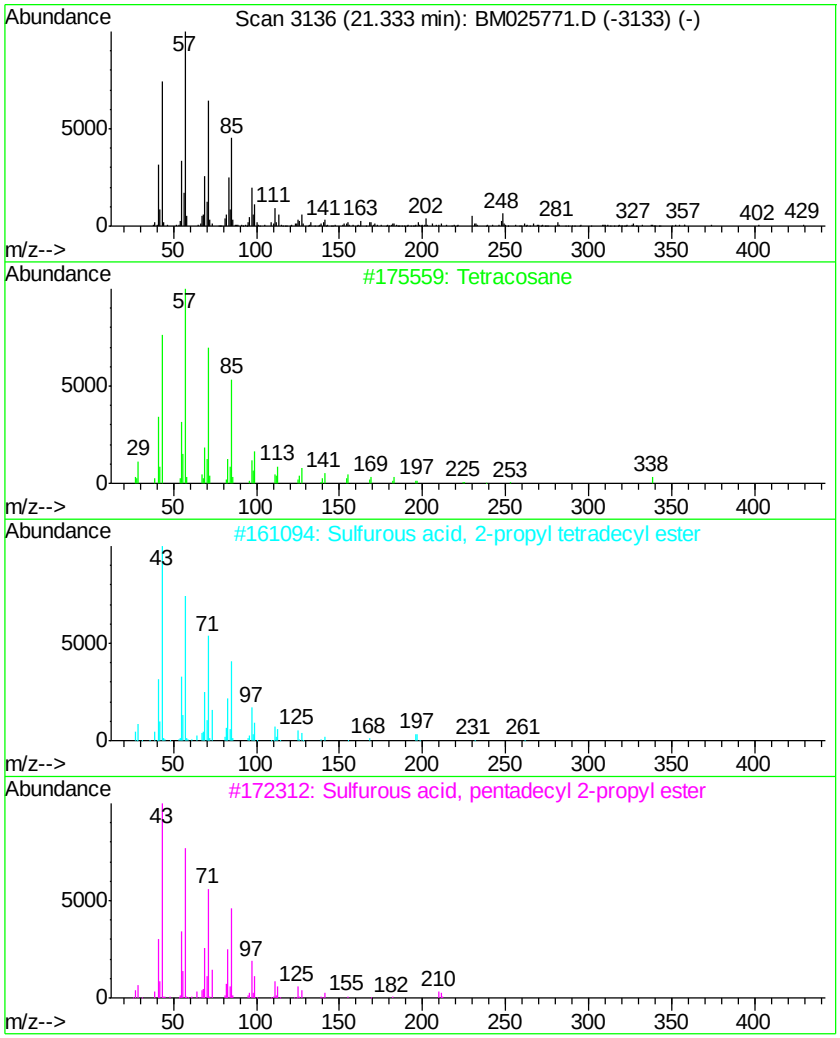
Quant Title : SVOA CALIBRATION

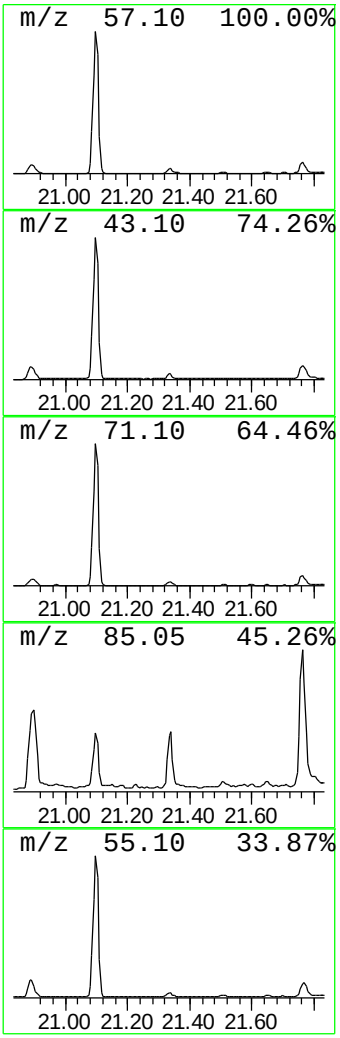
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.32 ng/ul	572876	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	87
3	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5	Tetratetracontane	619	C44H90	007098-22-8	74





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Sample : L1938-21
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB795

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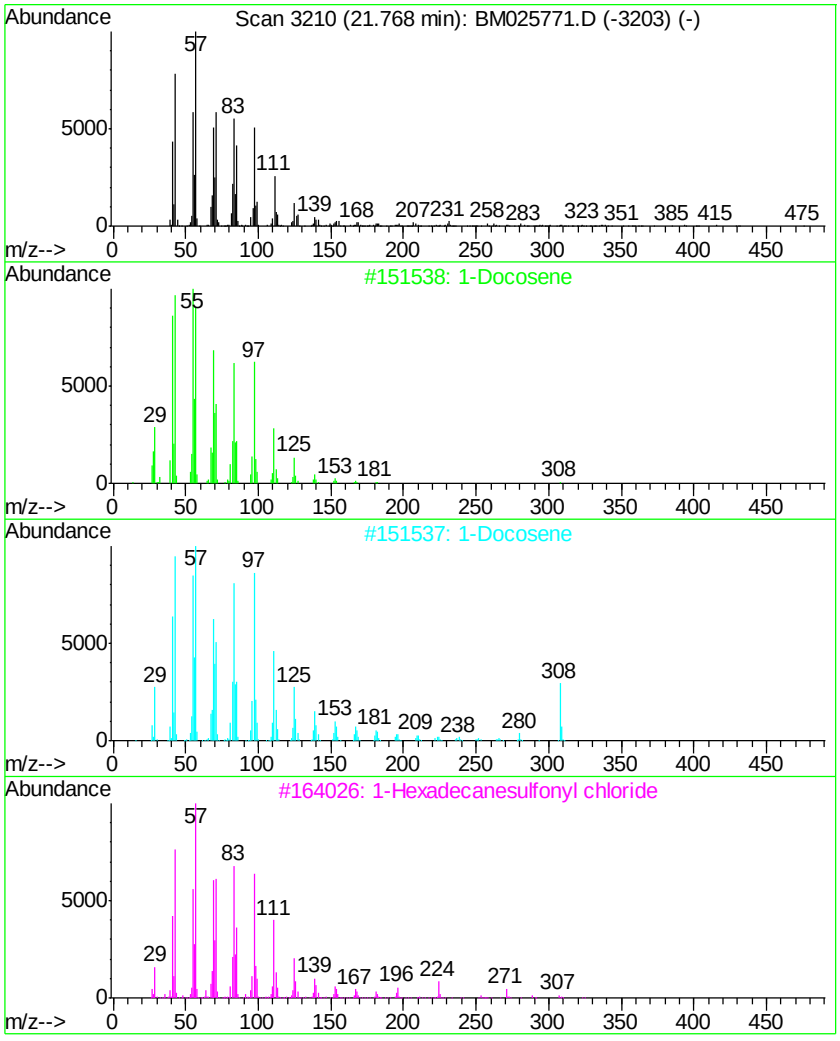
Quant Title : SVOA CALIBRATION

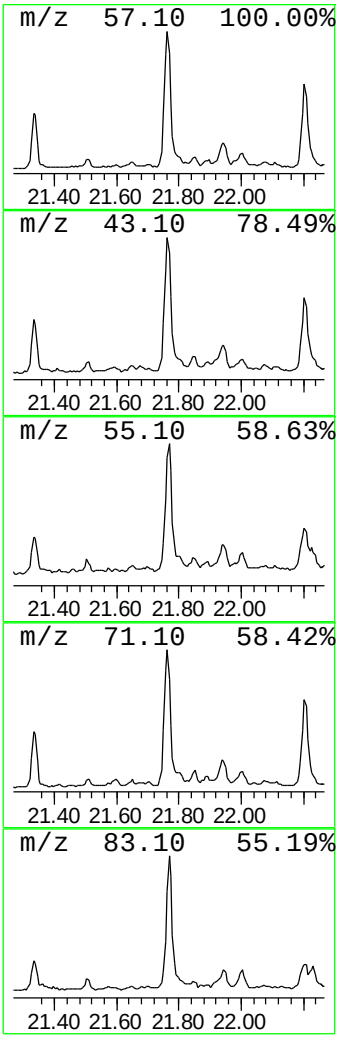
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	7.69 ng/ul	1895890	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Docosene	308	C22H44	001599-67-3	93
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	90
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	87





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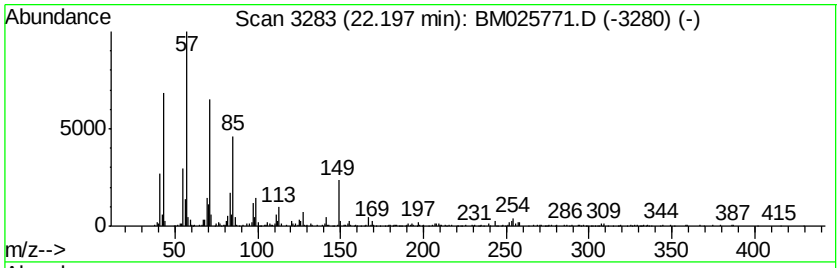
Quant Title : SVOA CALIBRATION

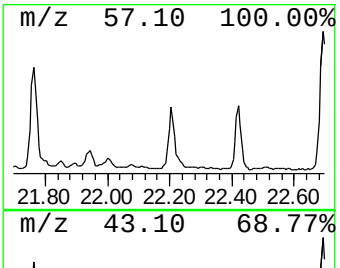
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	3.96 ng/ul	975768	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	98
2	Octadecane	254	C18H38	000593-45-3	93
3	Docosane	310	C22H46	000629-97-0	93
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93





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ClientSampleId : CB795

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Quant Title : SVOA CALIBRATION

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

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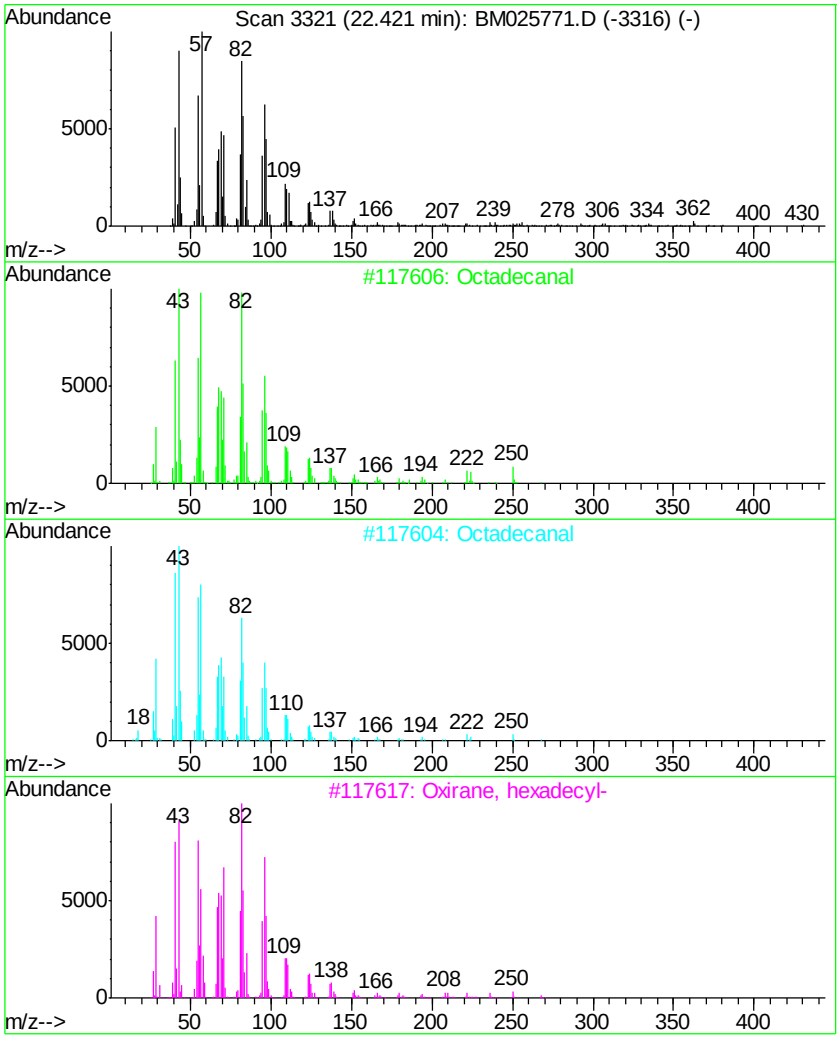
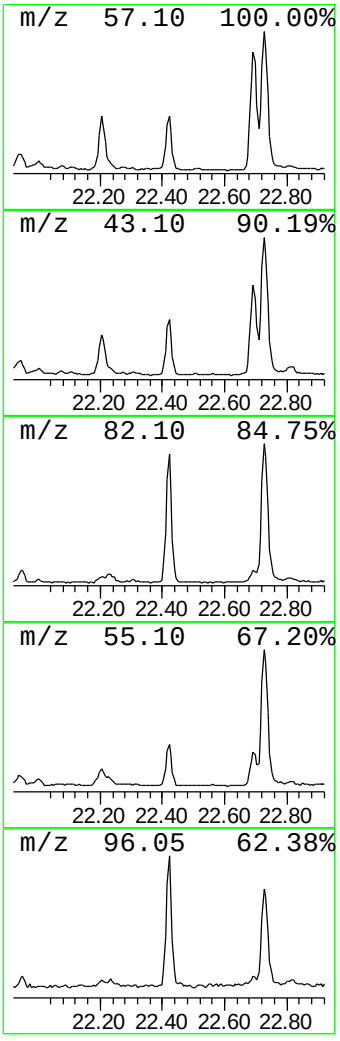
Peak Number 14 Octadecanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	10.31 ng/ul	1662040	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	91
5	Octadecanal	268	C18H36O	000638-66-4	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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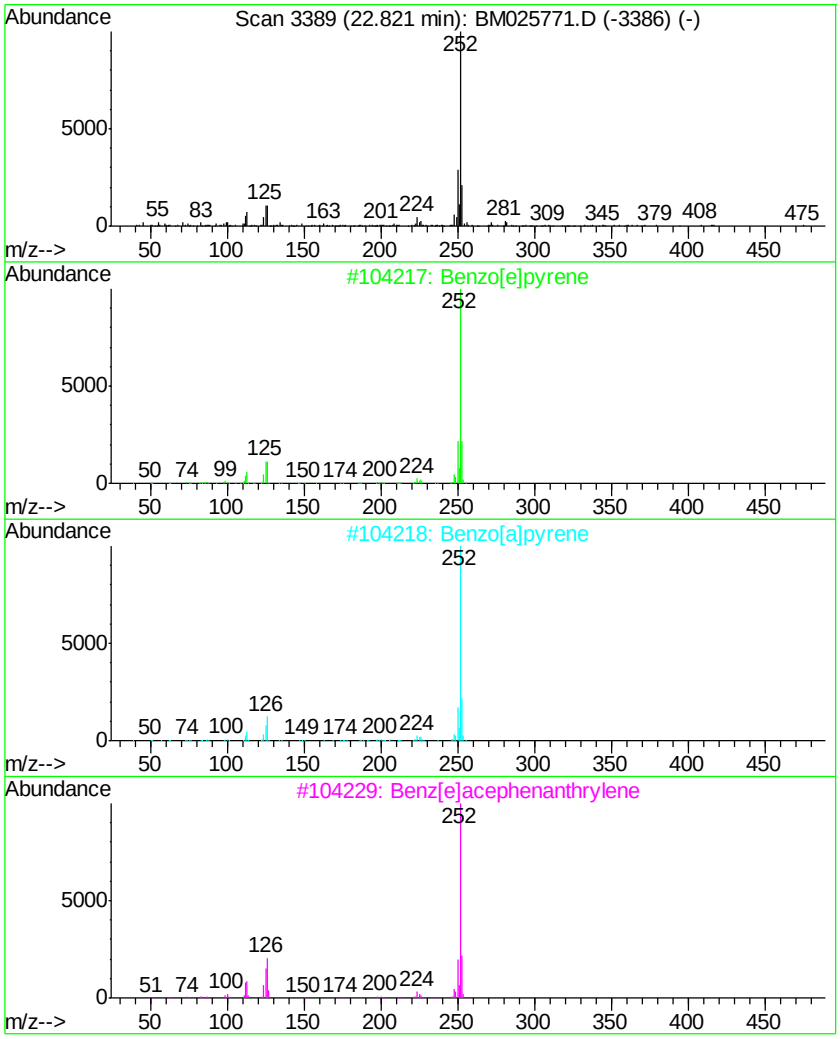
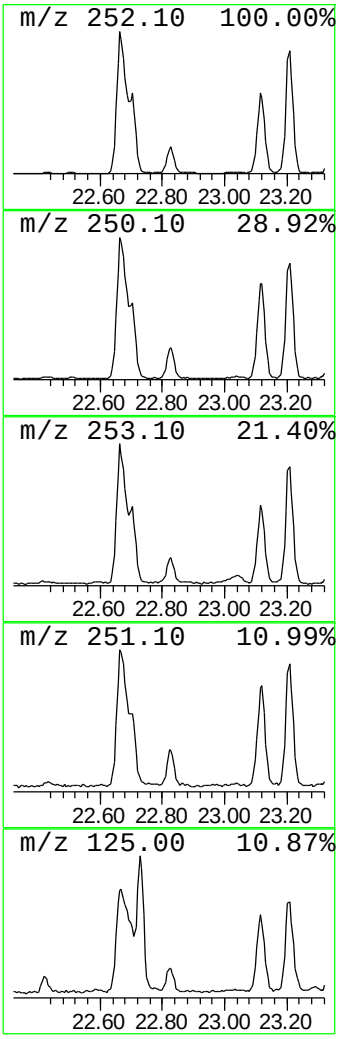
Peak Number 15 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	3.10 ng/ul	499079	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





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TIC Library : C:\DATABASE\NIST11.L
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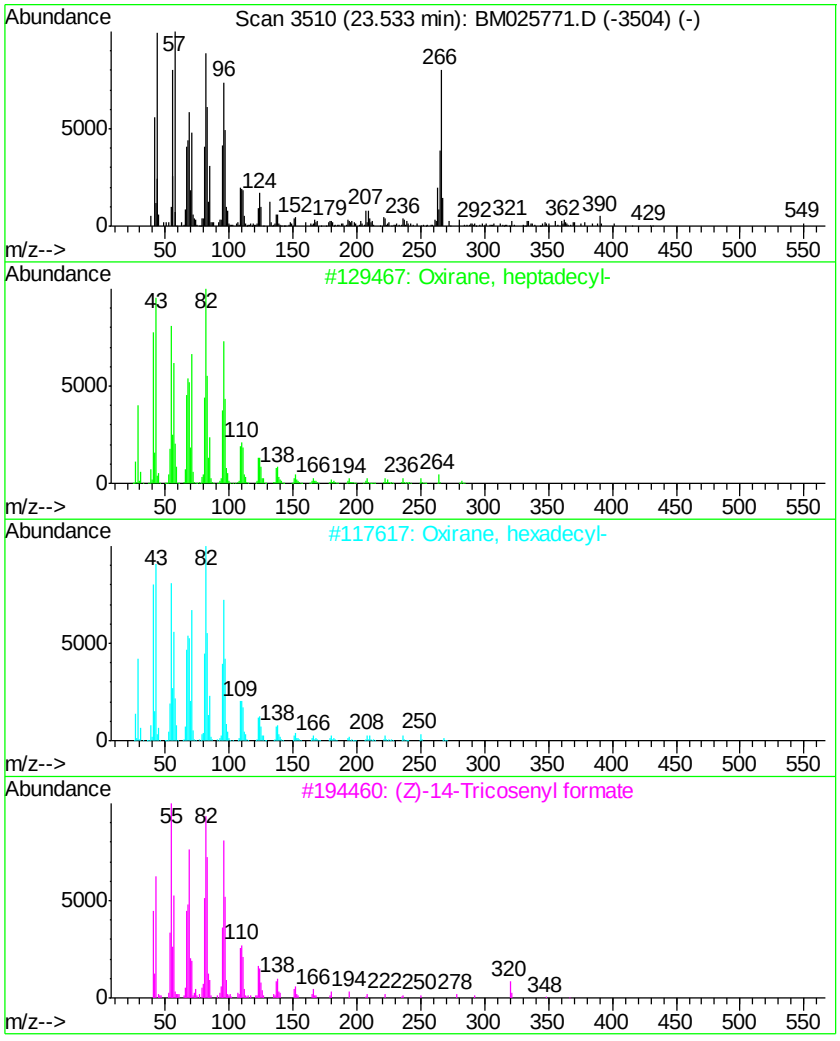
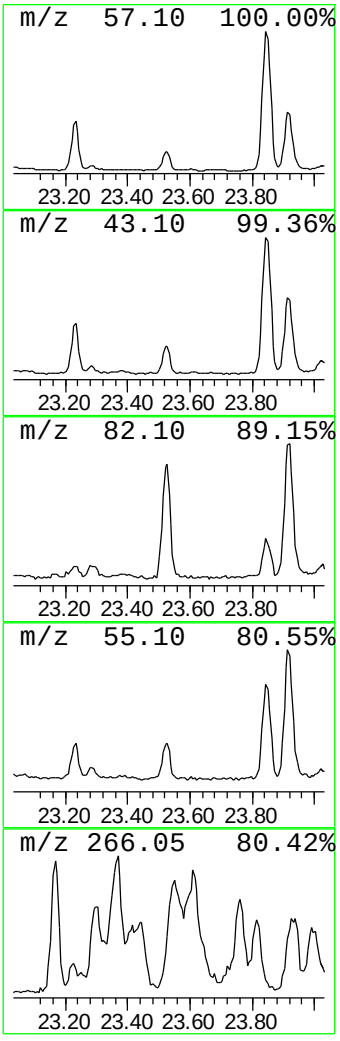
Peak Number 17 Oxirane, heptadecyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.53	4.90 ng/ul	789592	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	95
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
3	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	83
4	Heptadecanal	254	C17H34O	1000376-70-0	83
5	Octadecanal	268	C18H36O	000638-66-4	81





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TIC Integration Parameters: LSCINT.P

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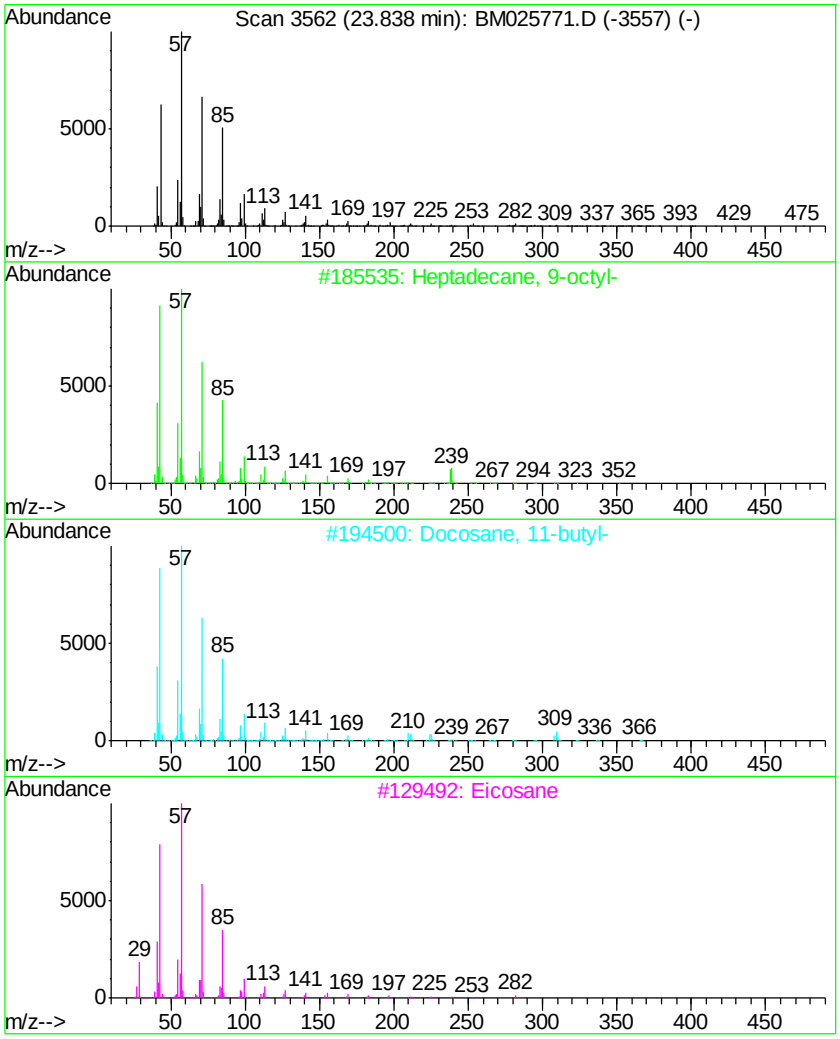
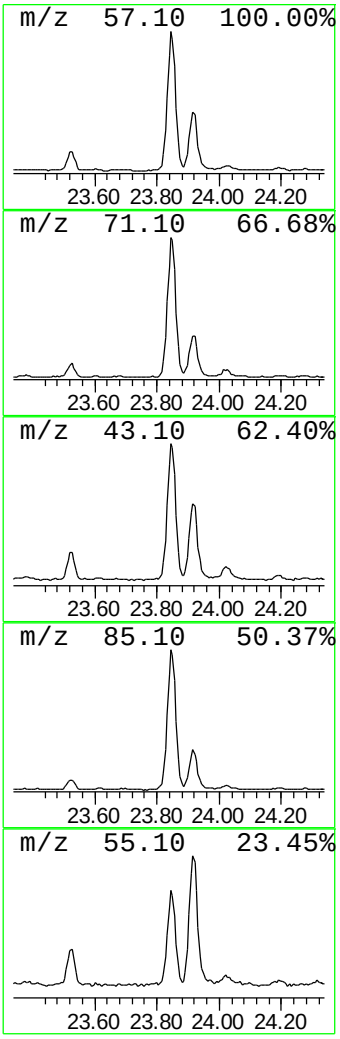
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	17.05 ng/ul	2748200	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
3	Eicosane	282	C20H42	000112-95-8	95
4	Hexacosane	366	C26H54	000630-01-3	94
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94





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Data File : BM025771.D
Acq On : 25 Mar 2020 17:08
Operator : CG/JU
Sample : L1938-21
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB795

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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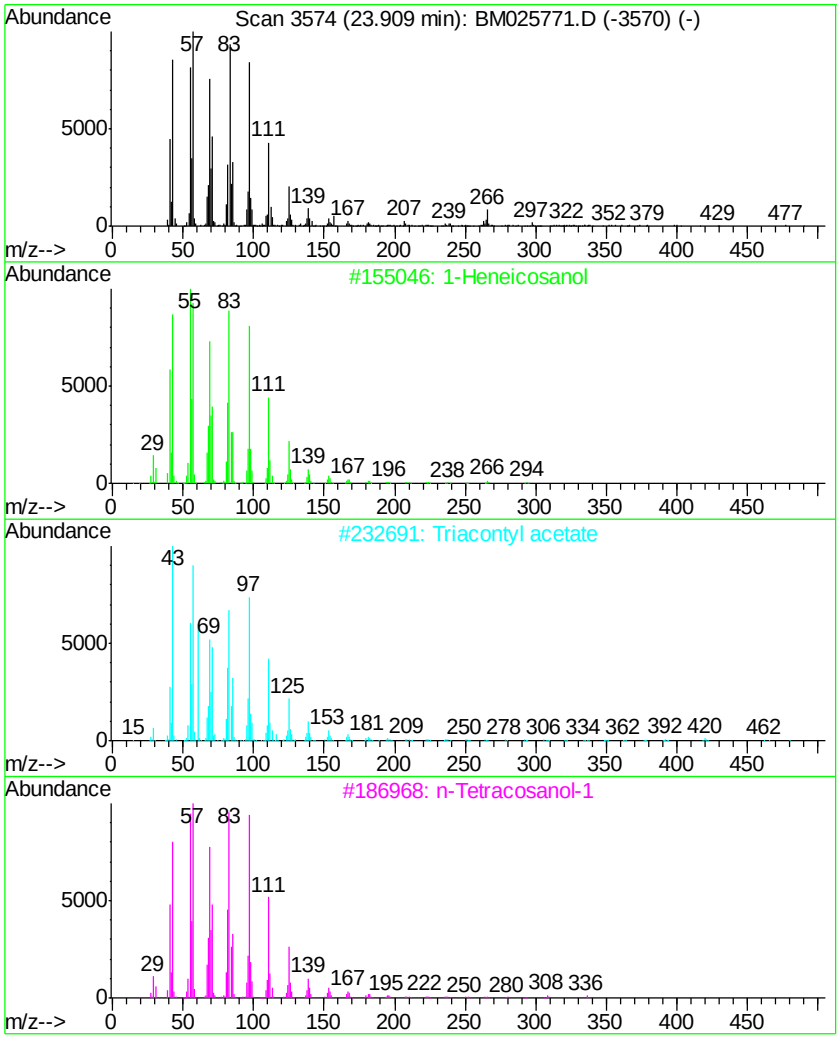
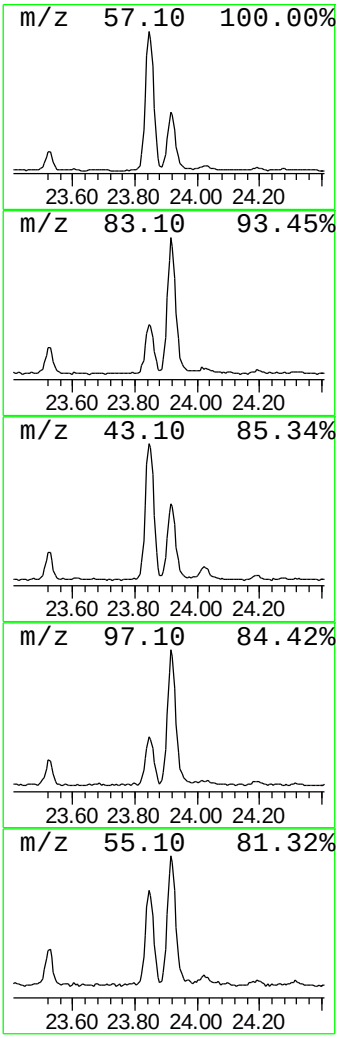
Peak Number 19 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	14.53 ng/ul	2343320	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Triacontyl acetate	480	C32H64O2	041755-58-2	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025771.D
Acq On : 25 Mar 2020 17:08
Operator : CG/JU
Sample : L1938-21
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB795

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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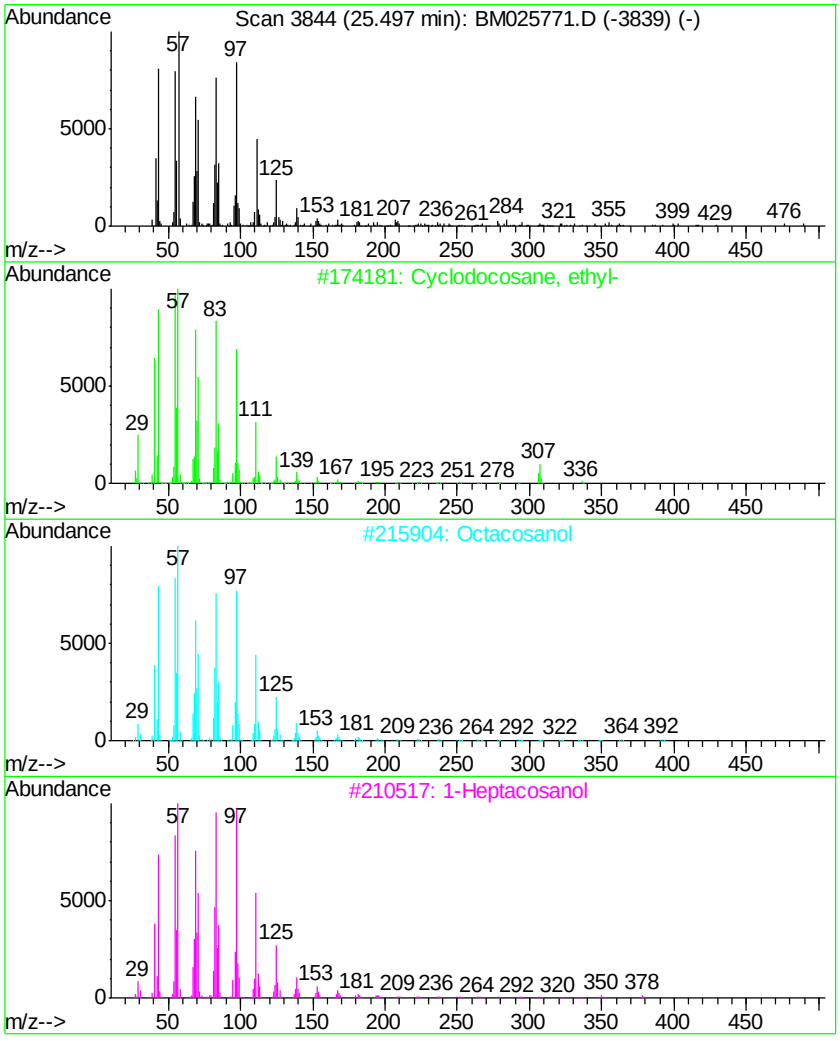
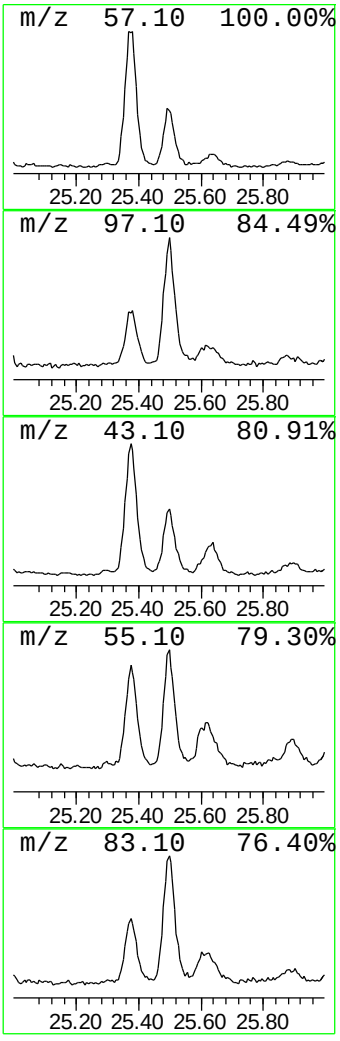
Peak Number 21 (DEL) Alkane: Cyclic25.50 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.50	7.53 ng/ul	1214570	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	94
2	Octacosanol	410	C28H58O	000557-61-9	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	Cyclotetracosane	336	C24H48	000297-03-0	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025771.D
Acq On : 25 Mar 2020 17:08
Operator : CG/JU
Sample : L1938-21
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB795

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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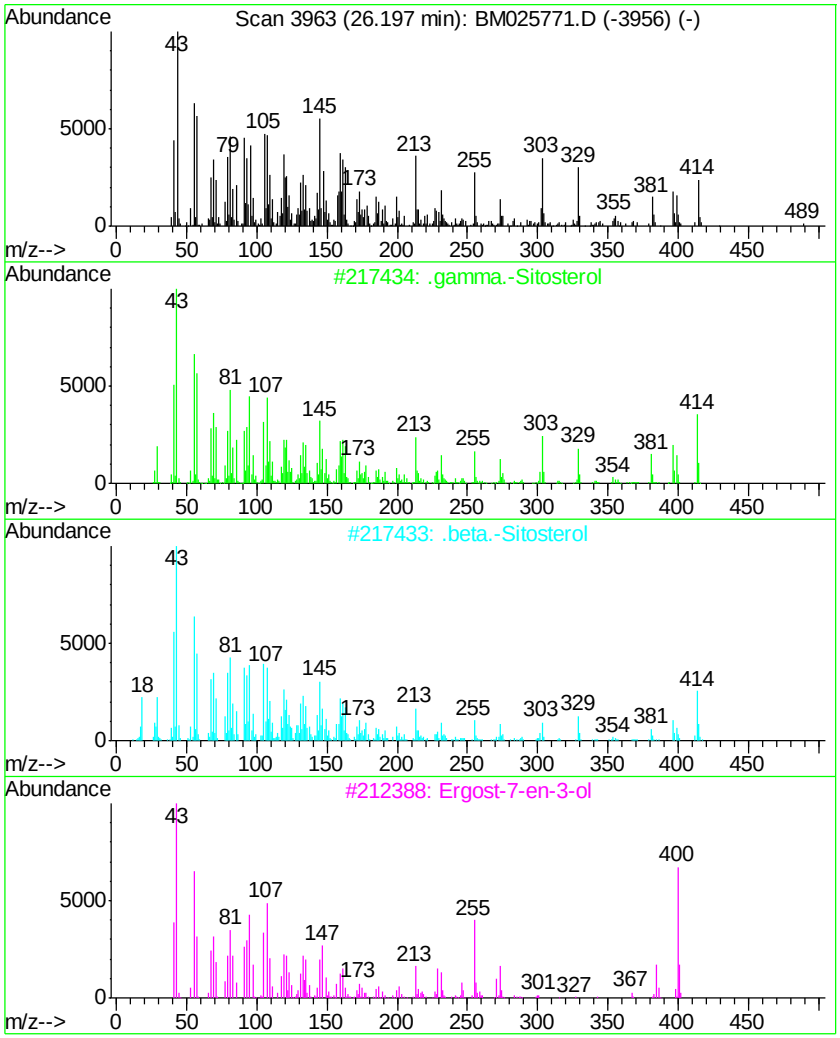
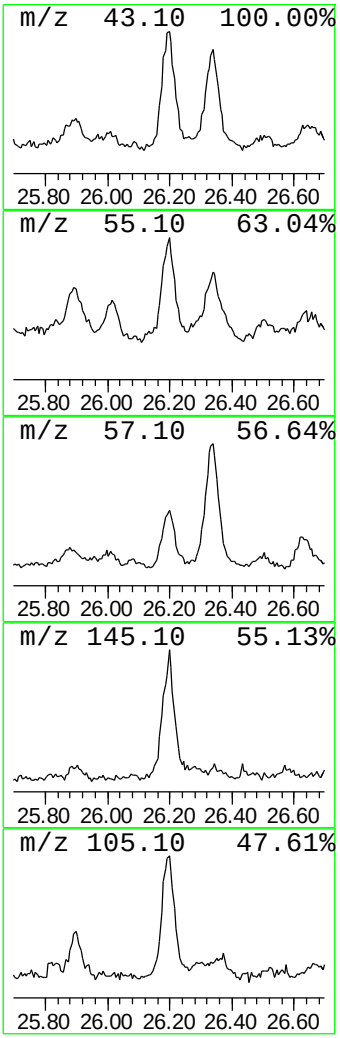
Peak Number 22 .gamma.-Sitosterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.20	8.65 ng/ul	1393880	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	93
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	86
3	Ergost-7-en-3-ol	400	C28H48O	116179-22-7	59
4	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	49
5	.beta.-Sitosterol	414	C29H50O	000083-46-5	46





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Data File : BM025771.D
Acq On : 25 Mar 2020 17:08
Operator : CG/JU
Sample : L1938-21
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB795

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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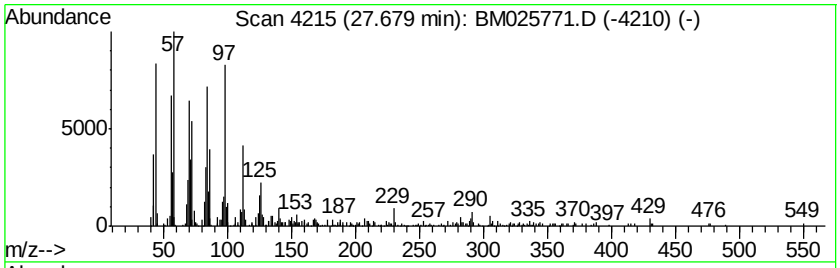
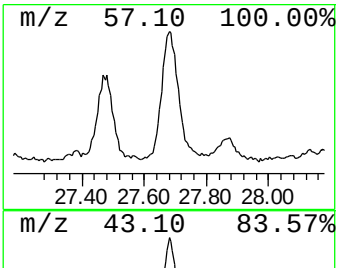
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.68	9.14 ng/ul	1473820	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexacosene	364	C26H52	071502-22-2	95
2	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
3	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	91
4	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91





Tentatively Identified Compound (LSC) summary

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Data File : BM025771.D
Acq On : 25 Mar 2020 17:08
Operator : CG/JU
Sample : L1938-21
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB795

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Toluene	3.85	5.1	ng/ul	296495	1	7.57	1156490	20.0
Nonanal	8.89	4.0	ng/ul	230270	1	7.57	1156490	20.0
Cyclopentasiloxan...	9.19	2.1	ng/ul	174641	2	10.33	1684630	20.0
Anthracene, 2-met...	17.83	2.6	ng/ul	336987	4	16.95	2549930	20.0
Phenanthrene, 1-m...	17.87	3.5	ng/ul	443608	4	16.95	2549930	20.0
4H-Cyclopenta[def...	18.02	3.9	ng/ul	496939	4	16.95	2549930	20.0
Pendimethalin	18.60	2.2	ng/ul	281974	4	16.95	2549930	20.0
Phenanthrene, 2,5...	18.75	2.8	ng/ul	357345	4	16.95	2549930	20.0
Cyclopenta(def)ph...	18.89	2.3	ng/ul	288886	4	16.95	2549930	20.0
(DEL) Alkane: Str...	20.89	8.6	ng/ul	2113770	5	21.15	4932640	20.0
(DEL) Alkane: Str...	21.33	2.3	ng/ul	572876	5	21.15	4932640	20.0
(DEL) Alkane: Str...	21.77	7.7	ng/ul	1895890	5	21.15	4932640	20.0
(DEL) Alkane: Str...	22.20	4.0	ng/ul	975768	5	21.15	4932640	20.0
Octadecanal	22.42	10.3	ng/ul	1662040	6	23.30	3224440	20.0
Benzo[e]pyrene	22.82	3.1	ng/ul	499079	6	23.30	3224440	20.0
Oxirane, heptadecyl-	23.53	4.9	ng/ul	789592	6	23.30	3224440	20.0
(DEL) Alkane: Str...	23.84	17.1	ng/ul	2748200	6	23.30	3224440	20.0
1-Heneicosanol	23.91	14.5	ng/ul	2343320	6	23.30	3224440	20.0
(DEL) Alkane: Cyc...	25.50	7.5	ng/ul	1214570	6	23.30	3224440	20.0
.gamma.-Sitosterol	26.20	8.7	ng/ul	1393880	6	23.30	3224440	20.0
(DEL) Alkane: Str...	27.68	9.1	ng/ul	1473820	6	23.30	3224440	20.0