LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN030420\
Data File : BN010091.D
Acq On : 04 Mar 2020 22:50
Operator : CG/JU
Sample : L1641-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y4

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_N\METHODS\SOM-EPA-BN021220MA.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	3.493	81	86	94	rBV	50407	68994	1.99%	0.128%
2	3.687	114	119	127	rBV	54319	75150	2.17%	0.139%
3	3.911	151	157	166	rVV	25098	41897	1.21%	0.078%
4	4.563	262	268	270	rBV2	19895	29705	0.86%	0.055%
5	4.587	270	272	279	rVB	31396	43629	1.26%	0.081%
6	6.563	602	608	622	rBV	591267	1007282	29.05%	1.867%
7	6.716	629	634	648	rBV	408397	684419	19.74%	1.268%
8	6.899	659	665	678	rVV	602460	987739	28.49%	1.831%
9	7.357	737	743	750	rBV	344617	565062	16.30%	1.047%
10	8.075	859	865	883	rBV	488018	885084	25.53%	1.640%
11	8.504	930	938	948	rBV	604815	1042612	30.07%	1.932%
12	8.687	961	969	974	rBV3	16010	28820	0.83%	0.053%
13	9.216	1052	1059	1076	rBV	503767	910742	26.27%	1.688%
14	9.751	1143	1150	1171	rBV	564653	1192776	34.40%	2.211%
15	10.104	1200	1210	1216	rBV	491387	817017	23.56%	1.514%
16	10.269	1230	1238	1256	rBV	222304	591148	17.05%	1.096%
17	13.310	1750	1755	1761	rBV4	16062	28762	0.83%	0.053%
18	13.428	1769	1775	1781	rBV	1147095	1748390	50.42%	3.240%
19	13.475	1781	1783	1792	rVV	69684	110990	3.20%	0.206%
20	13.687	1813	1819	1841	rBV	1365772	2129148	61.41%	3.946%
21	13.998	1866	1872	1879	rVV2	708465	1057425	30.50%	1.960%
22	14.069	1879	1884	1889	rVB2	29725	45948	1.33%	0.085%
23	14.257	1911	1916	1939	rBV	409538	921279	26.57%	1.707%
24	14.428	1939	1945	1950	rVV3	48384	89691	2.59%	0.166%
25	15.010	2036	2044	2050	rBV	1790822	2559103	73.81%	4.743%
26	15.063	2050	2053	2057	rBV3	24026	33207	0.96%	0.062%
27	15.175	2067	2072	2082	rBV	585611	1007416	29.05%	1.867%
28	15.298	2089	2093	2100	rVB8	21681	42181	1.22%	0.078%
29	15.516	2124	2130	2138	rVB6	14659	31601	0.91%	0.059%
30	15.763	2167	2172	2174	rBV4	20670	31278	0.90%	0.058%
31	16.328	2263	2268	2275	rVV3	38880	75751	2.18%	0.140%
32	16.439	2281	2287	2292	rVV3	22818	35871	1.03%	0.066%
33	16.586	2309	2312	2322	rVB	26171	43757	1.26%	0.081%
34	16.763	2336	2342	2346	rVV	912032	1238988	35.73%	2.296%

LSC Area Percent Report

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Sample : L1641-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y4

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_N\METHODS\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

35	16.804	2346	2349	2354	rVV	503371	683380	19.71%	1.267%
36	16.863	2354	2359	2373	rVB	1745650	2659531	76.70%	4.929%
37	17.186	2409	2414	2418	rBV2	45002	74466	2.15%	0.138%
38	17.645	2485	2492	2496	rBV3	73746	112725	3.25%	0.209%
39	17.692	2496	2500	2508	rVV	109931	176638	5.09%	0.327%
40	17.780	2508	2515	2519	rVV2	30001	56988	1.64%	0.106%
41	17.833	2519	2524	2528	rVV2	105440	171055	4.93%	0.317%
42	17.875	2528	2531	2537	rVB2	51585	75782	2.19%	0.140%
43	17.986	2543	2550	2557	rBV7	17473	39070	1.13%	0.072%
44	18.122	2566	2573	2575	rBV6	15713	30225	0.87%	0.056%
45	18.157	2575	2579	2584	rVV	50135	71664	2.07%	0.133%
46	18.210	2584	2588	2593	rVB4	28202	40249	1.16%	0.075%
47	18.398	2614	2620	2624	rBV2	38363	73423	2.12%	0.136%
48	18.457	2627	2630	2633	rVV3	25400	30773	0.89%	0.057%
49	18.580	2645	2651	2656	rBV3	98033	184964	5.33%	0.343%
50	18.639	2656	2661	2664	rVV3	53242	87731	2.53%	0.163%
51	18.669	2664	2666	2671	rVB5	26509	30583	0.88%	0.057%
52	18.722	2671	2675	2682	rBV3	48903	91151	2.63%	0.169%
53	18.839	2686	2695	2701	rBV	894074	1284859	37.06%	2.381%
54	18.998	2718	2722	2727	rBV3	22797	38104	1.10%	0.071%
55	19.063	2727	2733	2734	rBV4	32018	44618	1.29%	0.083%
56	19.174	2746	2752	2755	rVV2	2472826	3467364	100.00%	6.426%
57	19.204	2755	2757	2766	rVV	870662	1038687	29.96%	1.925%
58	19.292	2768	2772	2779	rVB2	44909	88080	2.54%	0.163%
59	19.398	2786	2790	2795	rVB	54932	80390	2.32%	0.149%
60	19.545	2809	2815	2823	rBV5	60990	150551	4.34%	0.279%
61	19.680	2833	2838	2839	rBV3	52902	74552	2.15%	0.138%
62	19.716	2840	2844	2850	rVB3	171095	260188	7.50%	0.482%
63	19.763	2850	2852	2856	rBV	47006	49640	1.43%	0.092%
64	19.816	2858	2861	2865	rVB	72995	92876	2.68%	0.172%
65	19.874	2865	2871	2874	rBV3	107392	169272	4.88%	0.314%
66	19.916	2874	2878	2882	rVB6	68901	91009	2.62%	0.169%
67	20.016	2892	2895	2899	rVB	61173	68534	1.98%	0.127%
68	20.057	2899	2902	2907	rBV2	59452	95996	2.77%	0.178%
69	20.269	2935	2938	2942	rBV2	53916	64948	1.87%	0.120%
70	20.439	2964	2967	2969	rBV4	28265	37866	1.09%	0.070%
71	20.480	2970	2974	2980	rVB	79110	119978	3.46%	0.222%

LSC Area Percent Report

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Acq On : 04 Mar 2020 22:50
Operator : CG/JU
Sample : L1641-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y4

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_N\METHODS\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

72	20.639	2997	3001	3004	rBV	105695	165098	4.76%	0.306%
73	20.674	3004	3007	3011	rVV2	147271	233105	6.72%	0.432%
74	20.727	3011	3016	3021	rVV4	693950	1013437	29.23%	1.878%
75	20.786	3022	3026	3033	rVB2	443383	584441	16.86%	1.083%
76	20.857	3035	3038	3047	rBV5	48649	115845	3.34%	0.215%
77	20.927	3047	3050	3053	rBV	89807	96669	2.79%	0.179%
78	20.986	3053	3060	3064	rVV2	1307823	2268227	65.42%	4.204%
79	21.021	3064	3066	3077	rVB	479880	642631	18.53%	1.191%
80	21.116	3079	3082	3084	rBV	60138	70410	2.03%	0.130%
81	21.145	3084	3087	3089	rVV	62187	75332	2.17%	0.140%
82	21.174	3089	3092	3095	rVB	131397	143915	4.15%	0.267%
83	21.527	3150	3152	3157	rVB	106800	119786	3.45%	0.222%
84	21.592	3158	3163	3169	rBV4	342841	579578	16.72%	1.074%
85	21.715	3181	3184	3187	rBV3	52036	60166	1.74%	0.112%
86	22.015	3231	3235	3245	rBV2	255114	364465	10.51%	0.675%
87	22.227	3269	3271	3279	rVB7	79658	132727	3.83%	0.246%
88	22.480	3308	3314	3318	rBV2	1124722	2017551	58.19%	3.739%
89	22.521	3318	3321	3328	rVB2	621176	894669	25.80%	1.658%
90	22.904	3382	3386	3389	rBV	294573	440610	12.71%	0.817%
91	22.957	3389	3395	3398	rVV	1770076	2934490	84.63%	5.439%
92	22.992	3398	3401	3407	rVB	727242	1131250	32.63%	2.097%
93	23.080	3411	3416	3421	rVV	724445	1149709	33.16%	2.131%
94	23.574	3495	3500	3506	rVB	819456	1382850	39.88%	2.563%
95	23.645	3507	3512	3525	rVB	480965	863574	24.91%	1.601%
96	24.227	3606	3611	3620	rVB2	351552	788247	22.73%	1.461%
97	25.009	3738	3744	3755	rVB	364725	930088	26.82%	1.724%
98	25.121	3756	3763	3773	rVB4	413113	1081312	31.19%	2.004%
99	25.786	3871	3876	3887	rVB4	324386	871933	25.15%	1.616%
100	27.174	4106	4112	4120	rVB4	217631	592356	17.08%	1.098%

Sum of corrected areas: 53955243

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN030420\
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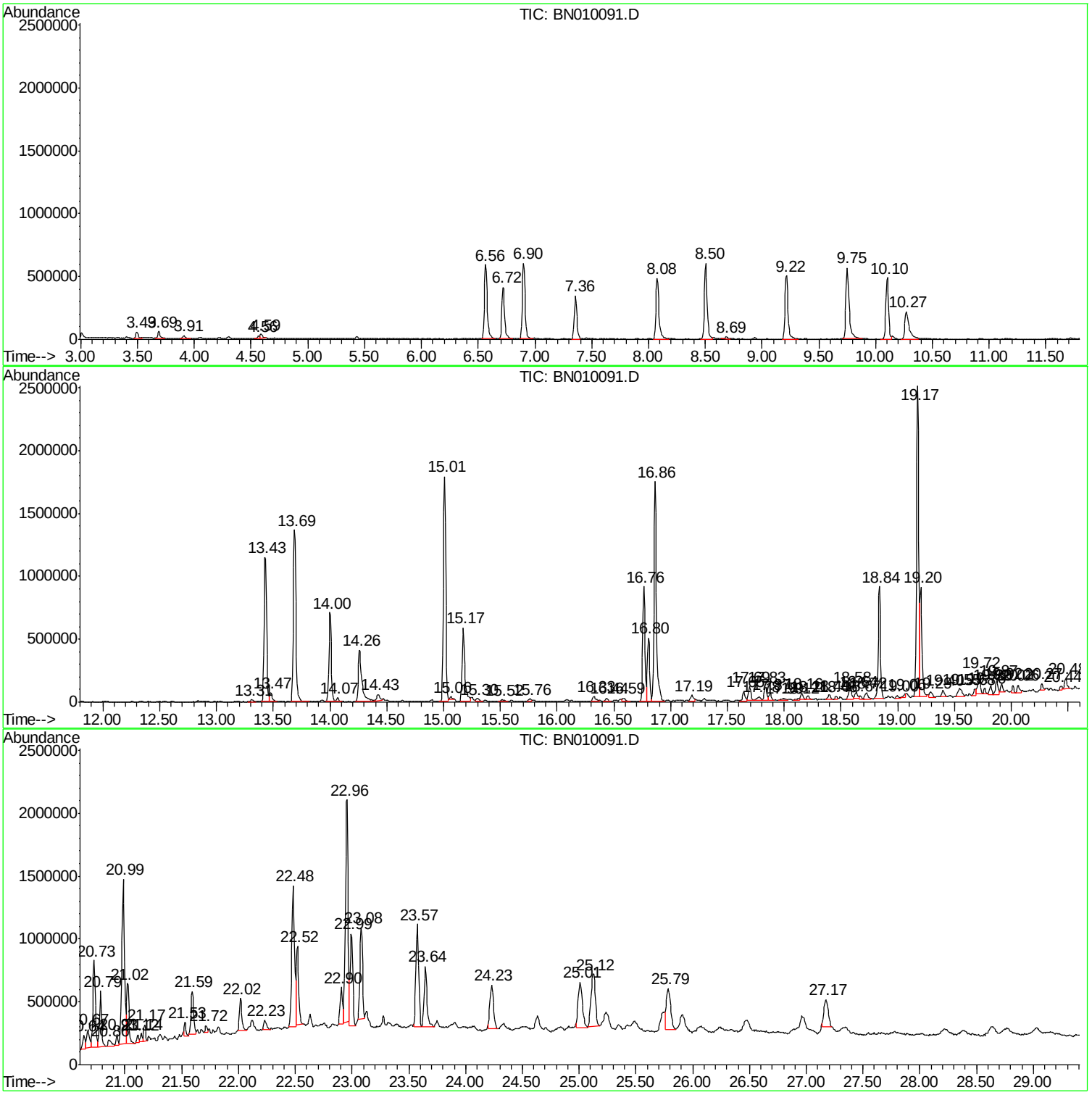
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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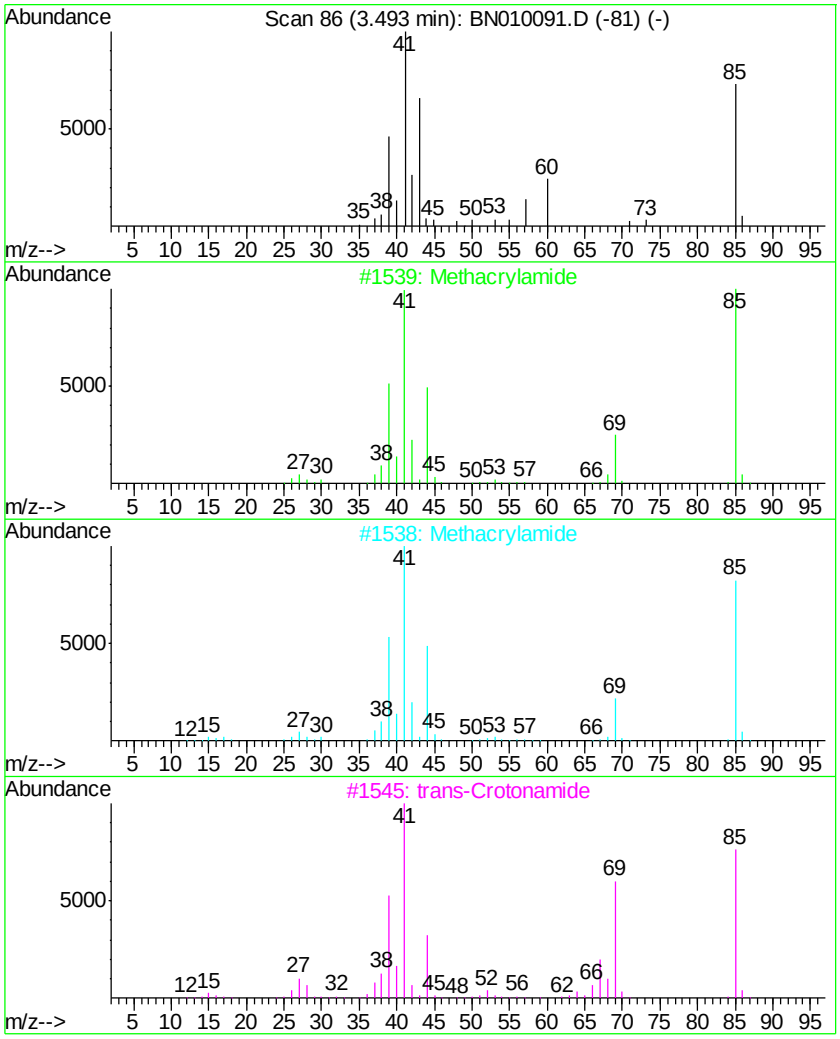
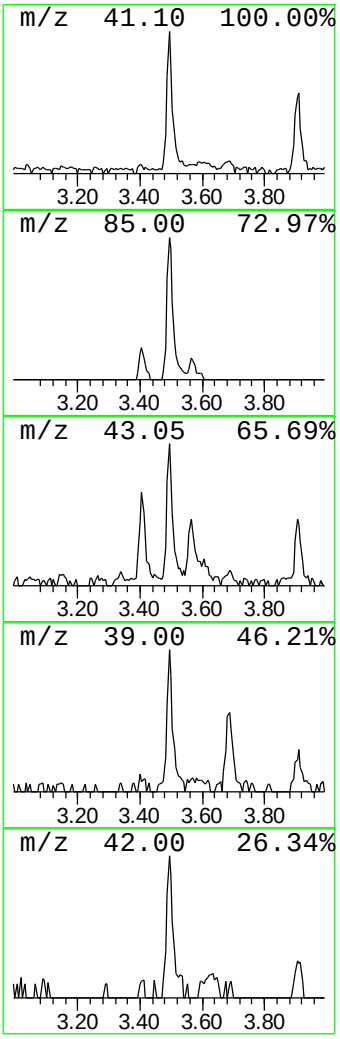
Peak Number 1 Methacrylamide Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.49	2.44 ng/ul	68994	1,4-Dichlorobenzene-d4	7.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	50
2	Methacrylamide	85	C4H7NO	000079-39-0	50
3	trans-Crotonamide	85	C4H7NO	000625-37-6	33
4	Methacrylamide	85	C4H7NO	000079-39-0	25
5	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	25





Library Search Compound Report

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Data File : BN010091.D
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Operator : CG/JU
Sample : L1641-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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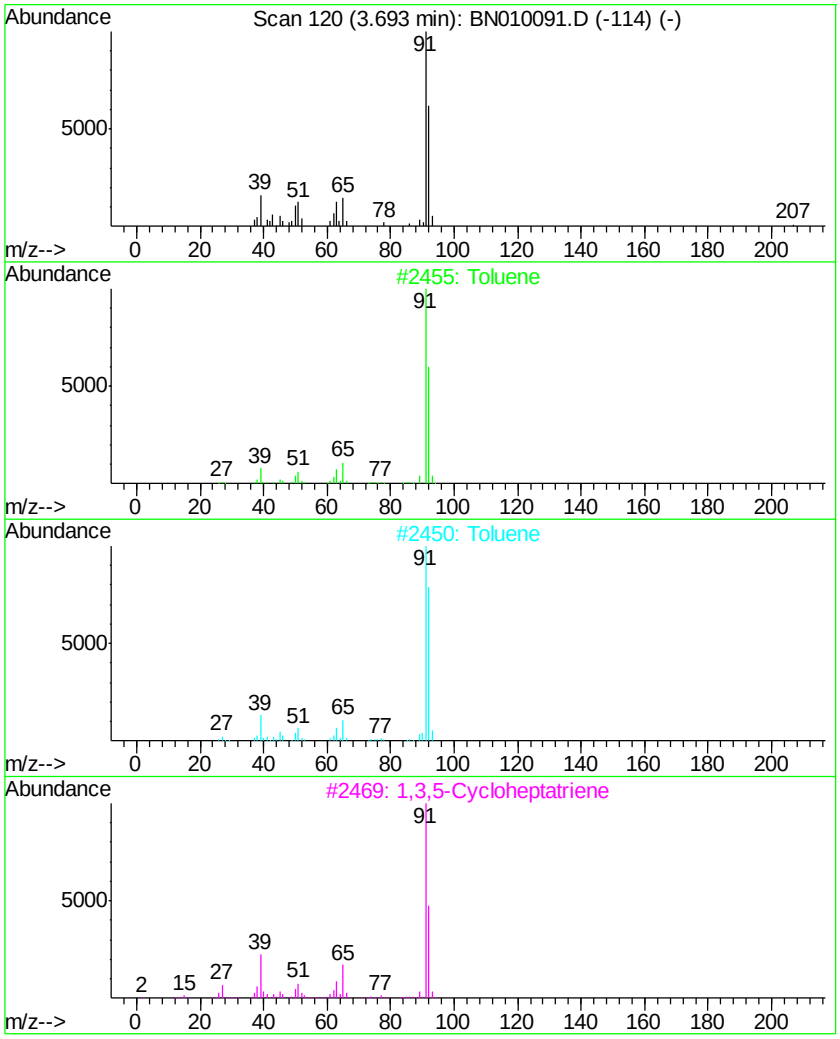
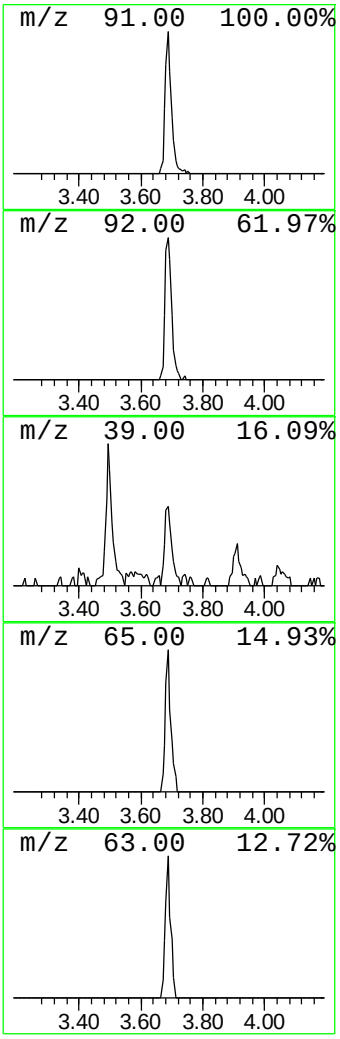
Peak Number 2 Toluene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.69	2.66 ng/ul	75150	1,4-Dichlorobenzene-d4	7.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	91
2	Toluene	92	C7H8	000108-88-3	91
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	91
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	91
5	Toluene	92	C7H8	000108-88-3	91





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Instrument : BNA_N
ClientSampleId : CB6Y4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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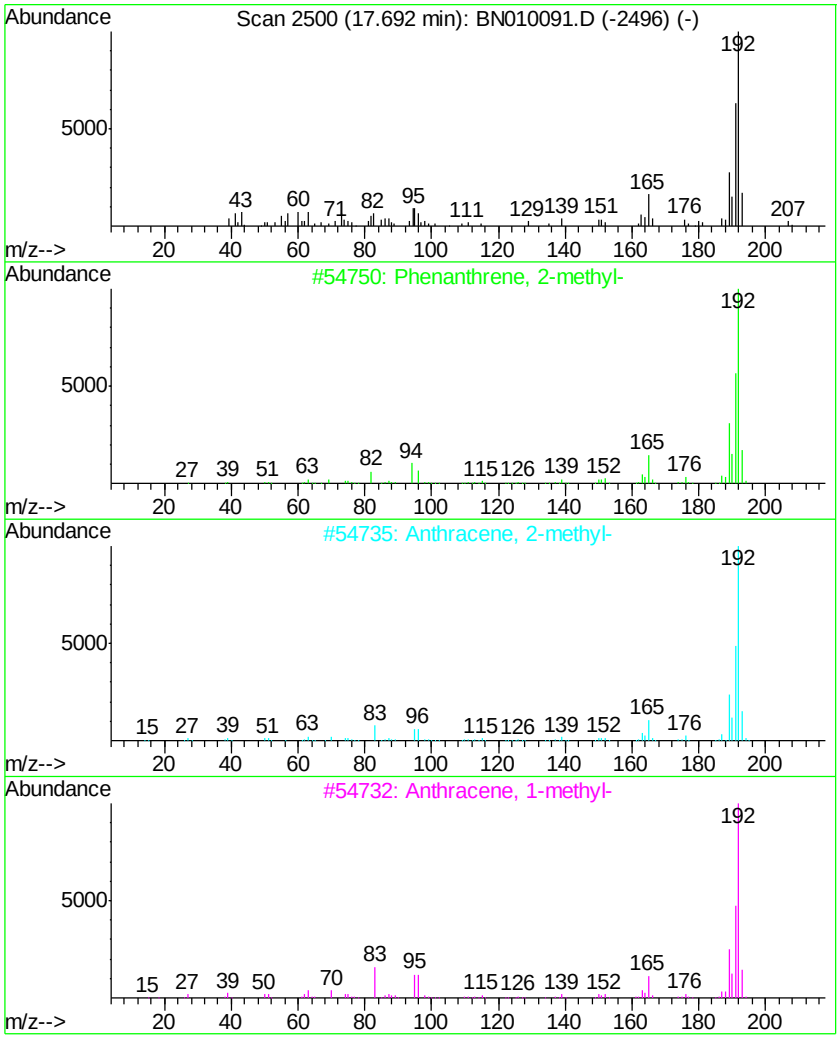
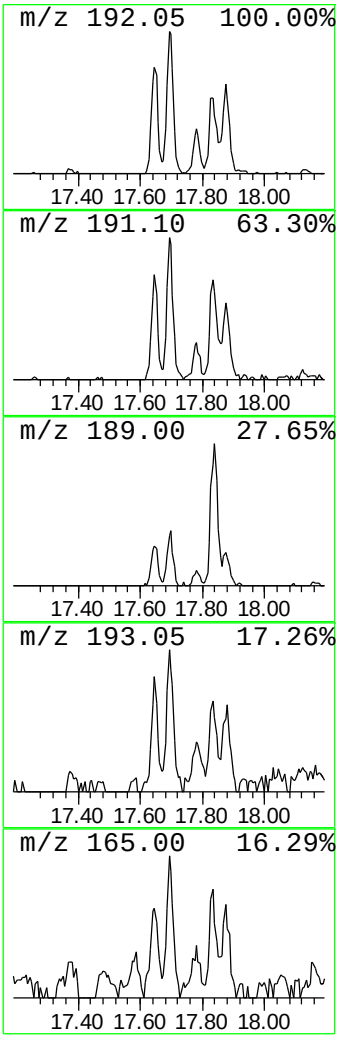
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	2.85 ng/ul	176638	Phenanthrene-d10	16.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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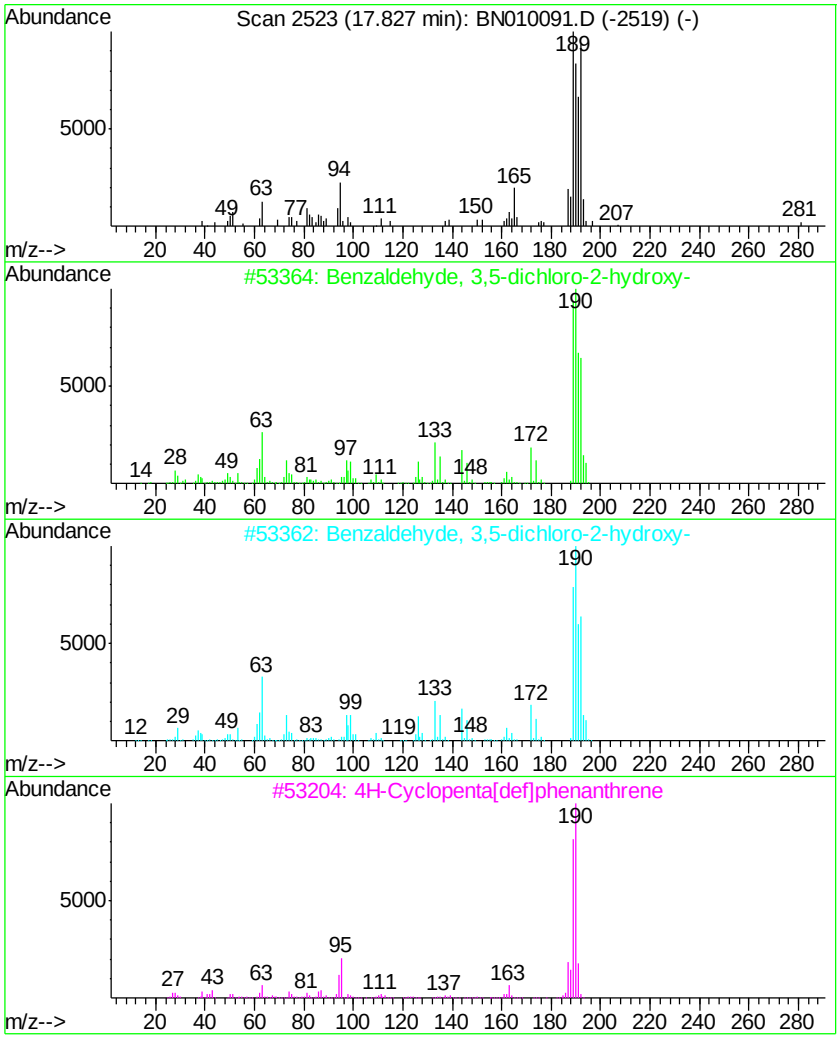
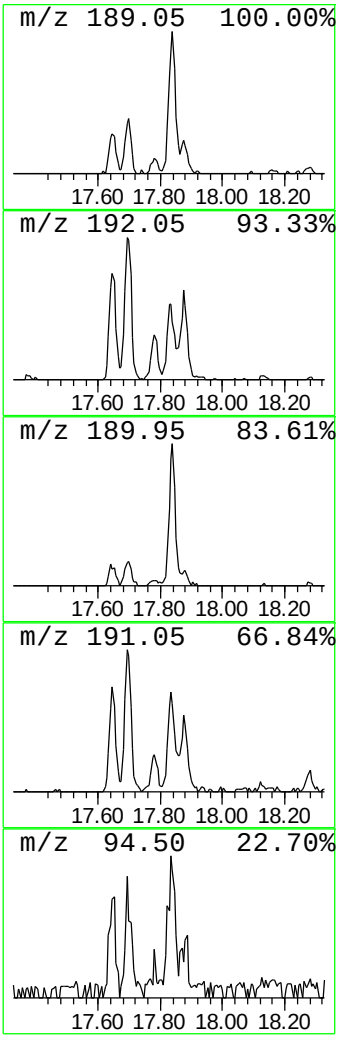
Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.76 ng/ul	171055	Phenanthrene-d10	16.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
5	Methyl diselenide	190	C2H6Se2	007101-31-7	45





Library Search Compound Report

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Data File : BN010091.D
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Sample : L1641-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

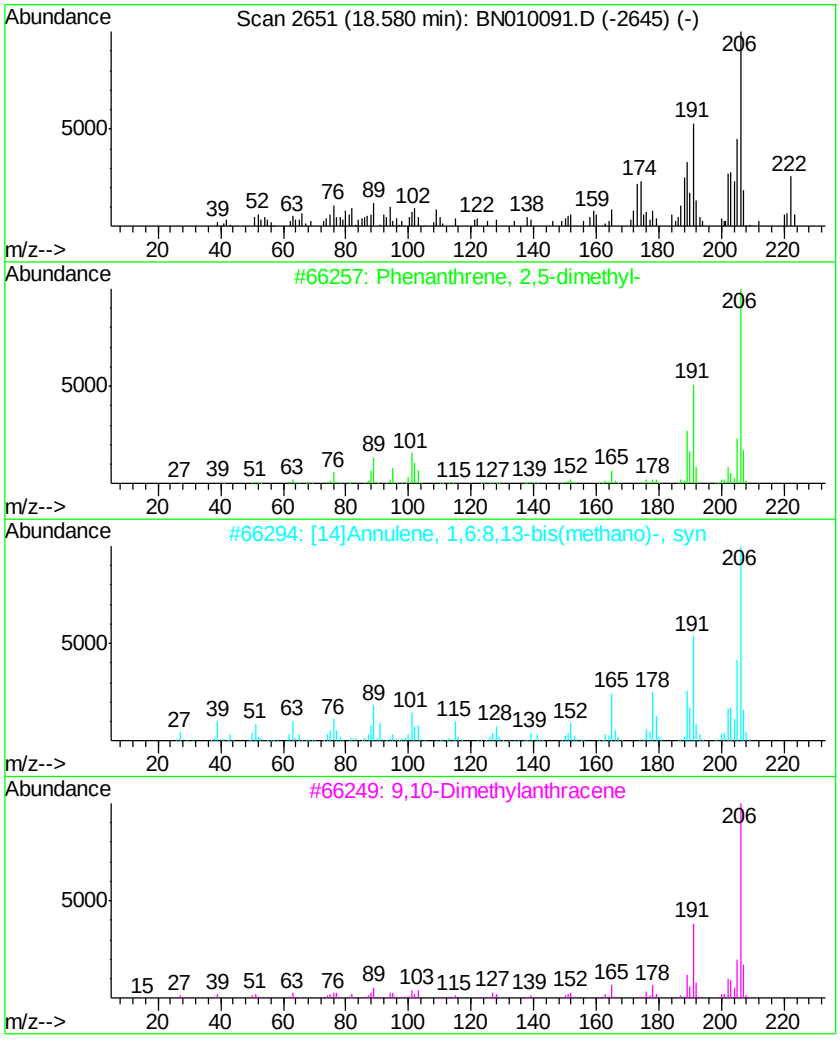
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

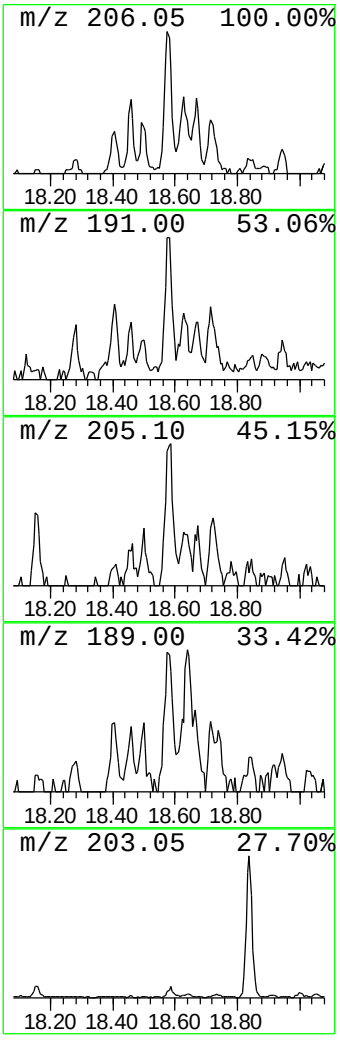
****

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	2.99 ng/ul	184964	Phenanthrene-d10	16.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	62
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	60
4	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	60
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55





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Sample : L1641-01
Misc :
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ClientSampleId : CB6Y4

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Quant Title : SVOA CALIBRATION

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

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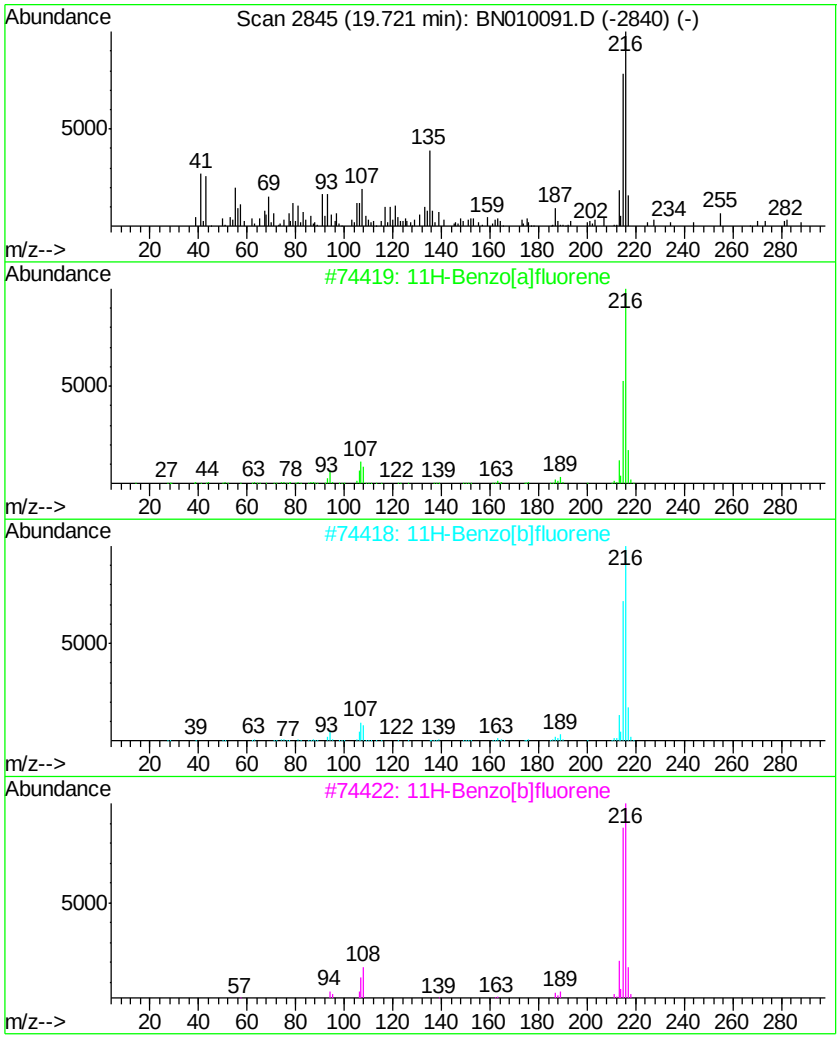
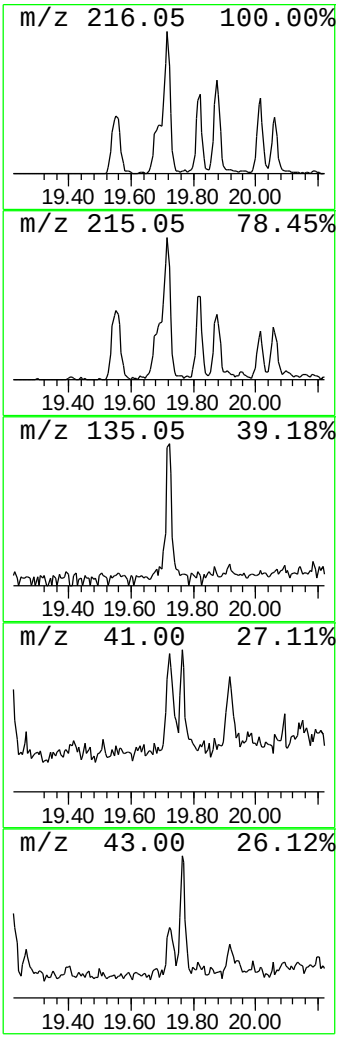
Peak Number 6 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	2.29 ng/ul	260188	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74





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Quant Title : SVOA CALIBRATION

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

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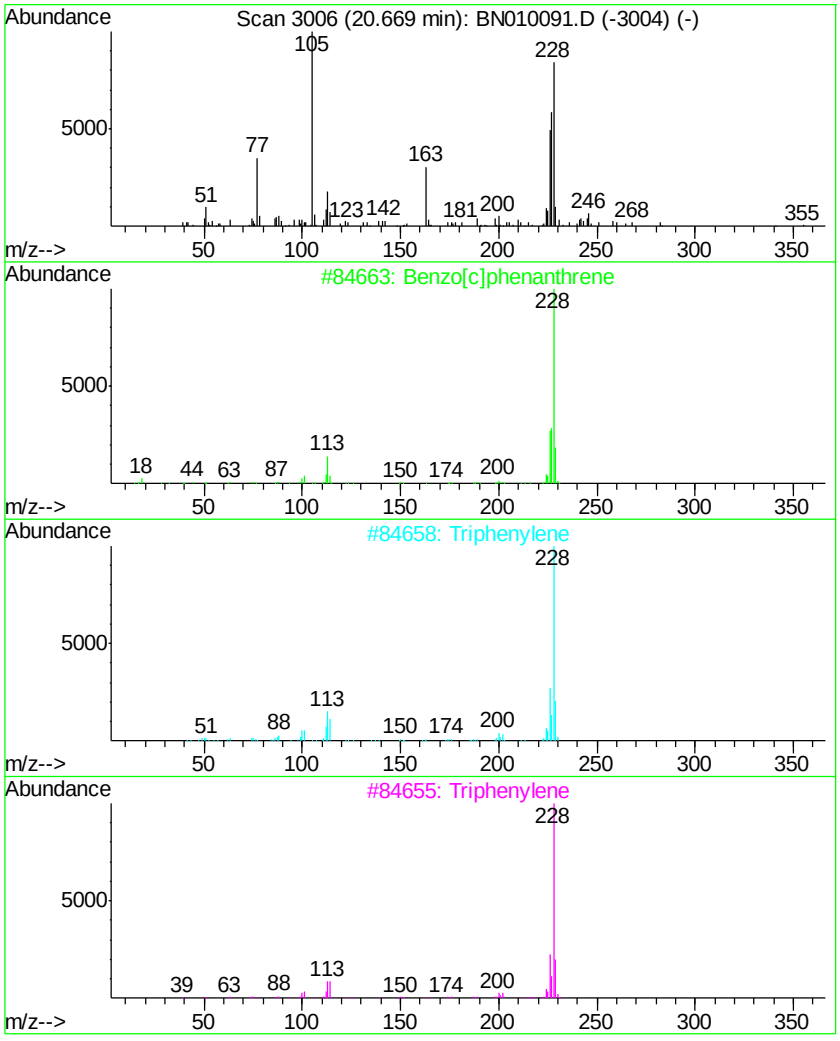
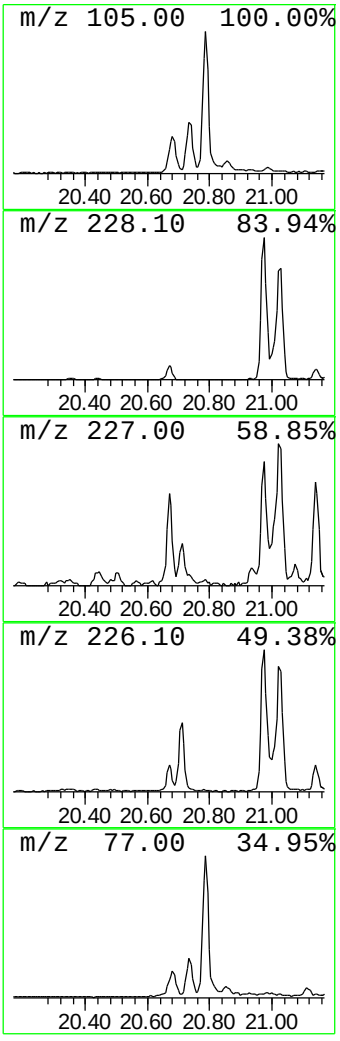
Peak Number 7 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	2.06 ng/ul	233105	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	27
2	Triphenylene	228	C18H12	000217-59-4	27
3	Triphenylene	228	C18H12	000217-59-4	27
4	N,N-Bis(2-cyanoethyl)benzamide	227	C13H13N3O	003232-12-0	18
5	3-Benzoylbicyclo[3.3.1]non-6-ene	226	C16H18O	110013-24-6	18





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Quant Title : SVOA CALIBRATION

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

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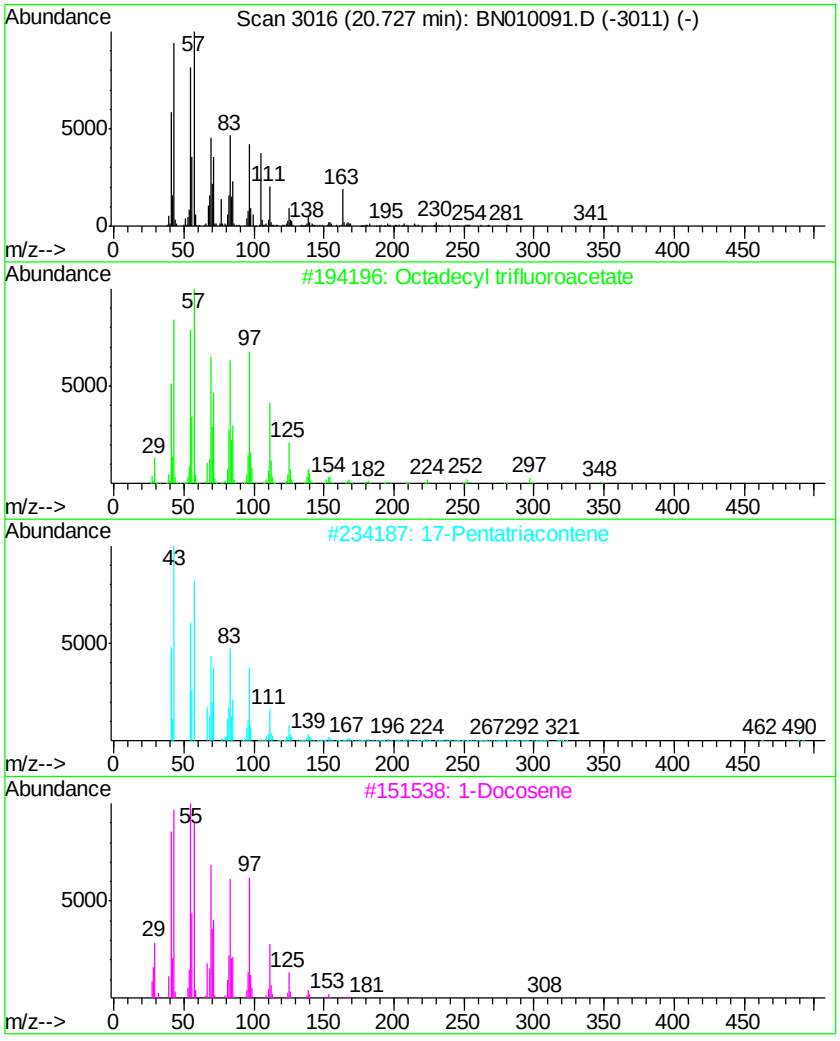
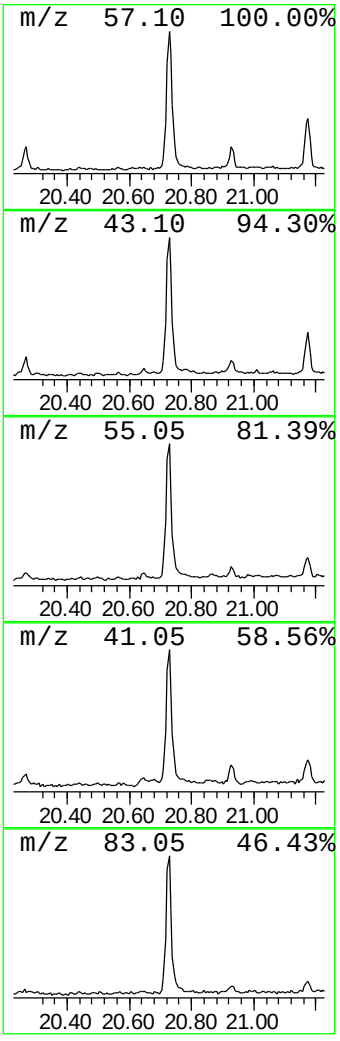
Peak Number 8 Octadecyl trifluoroacetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	8.94 ng/ul	1013440	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	81
2	17-Pentatriacontene	491	C35H70	006971-40-0	81
3	1-Docosene	308	C22H44	001599-67-3	76
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	76
5	Cyclotetracosane	336	C24H48	000297-03-0	76





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y4

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Quant Title : SVOA CALIBRATION

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

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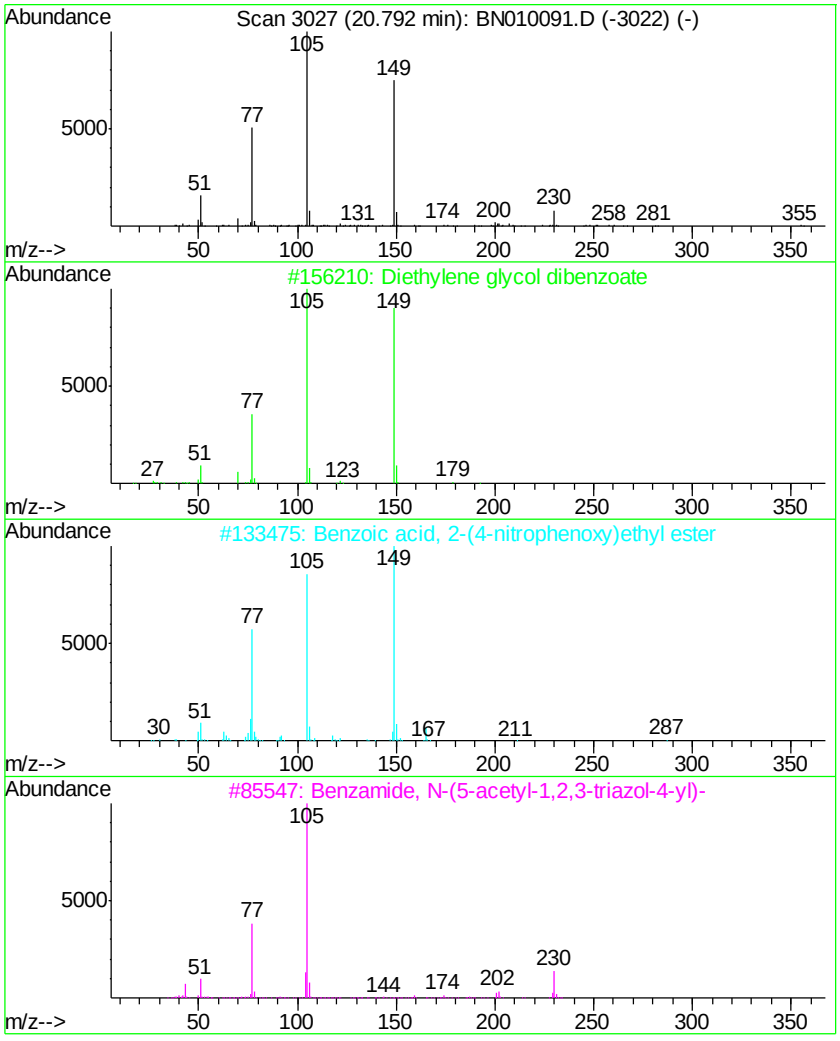
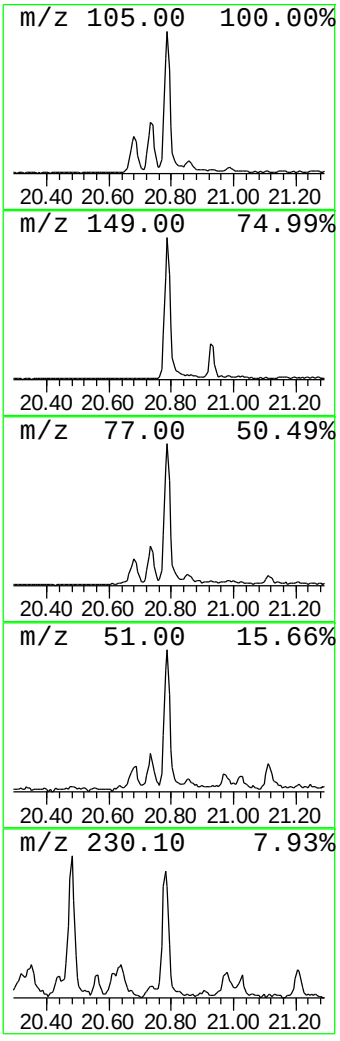
Peak Number 9 Diethylene glycol dibenzoate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	5.15 ng/ul	584441	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	72
2	Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	64
3	Benzamide, N-(5-acetyl-1,2,3-tri...	230	C11H10N4O2	129959-33-7	53
4	Vinyl benzoate	148	C9H8O2	000769-78-8	49
5	4'-Chlorobenzanilide	231	C13H10ClNO	002866-82-2	46





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ClientSampleId : CB6Y4

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Quant Title : SVOA CALIBRATION

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

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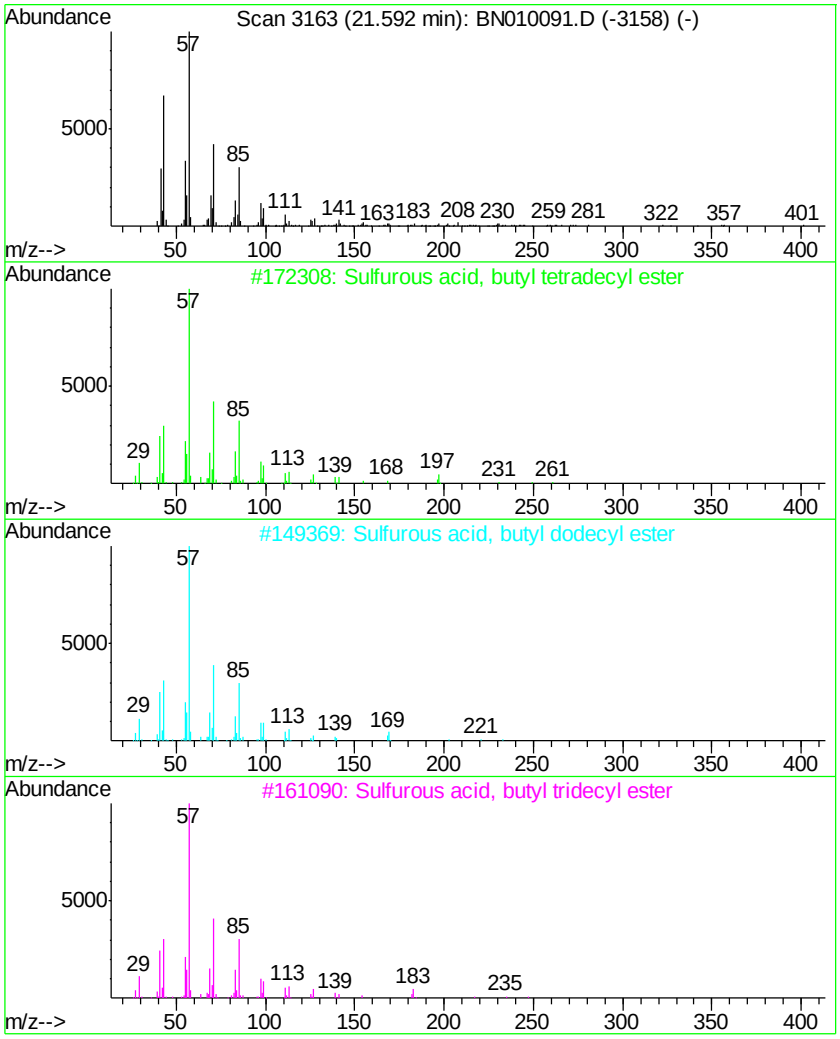
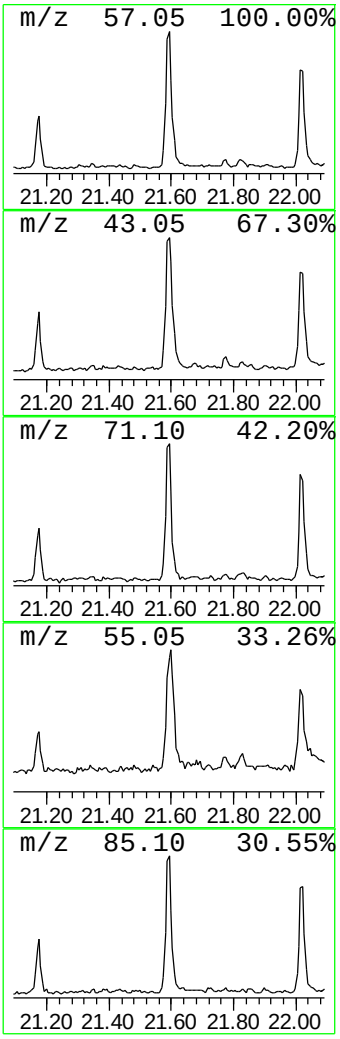
Peak Number 10 Sulfurous acid, butyl tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	5.11 ng/ul	579578	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	87
2	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	87
3	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	87
4	Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	86
5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	86





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y4

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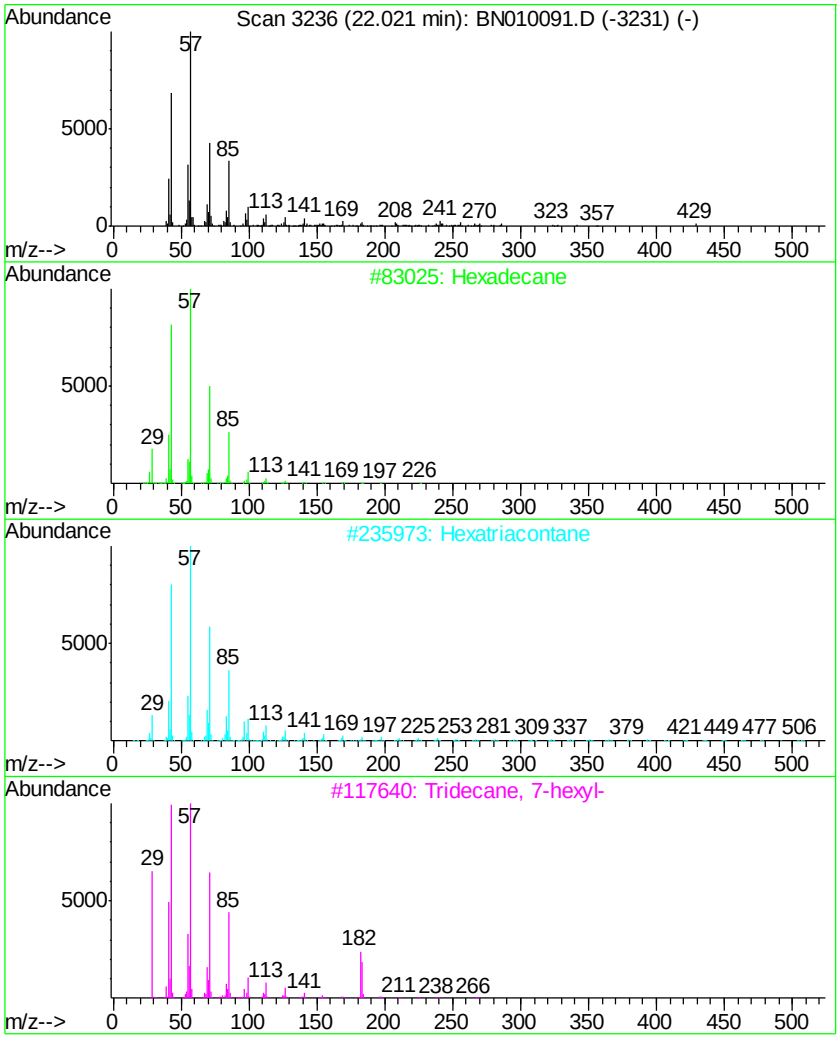
Quant Title : SVOA CALIBRATION

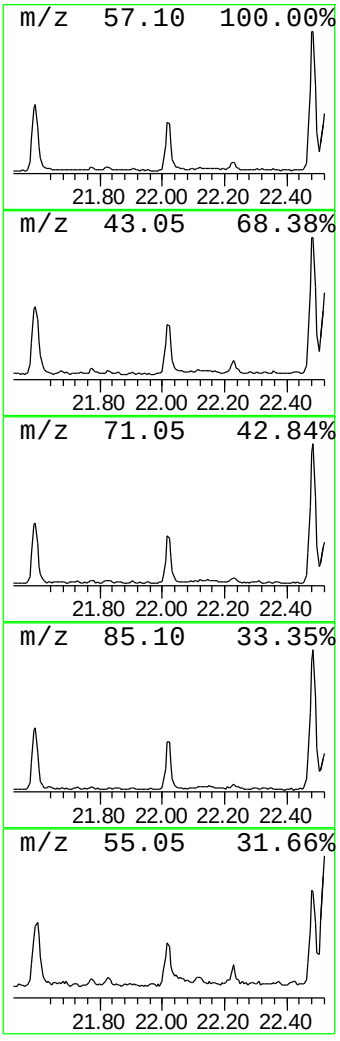
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.02	3.21 ng/ul	364465	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Hexatriacontane	507	C36H74	000630-06-8	74
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	74
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74
5	Tetracosane	338	C24H50	000646-31-1	74





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Sample : L1641-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y4

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Quant Title : SVOA CALIBRATION

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

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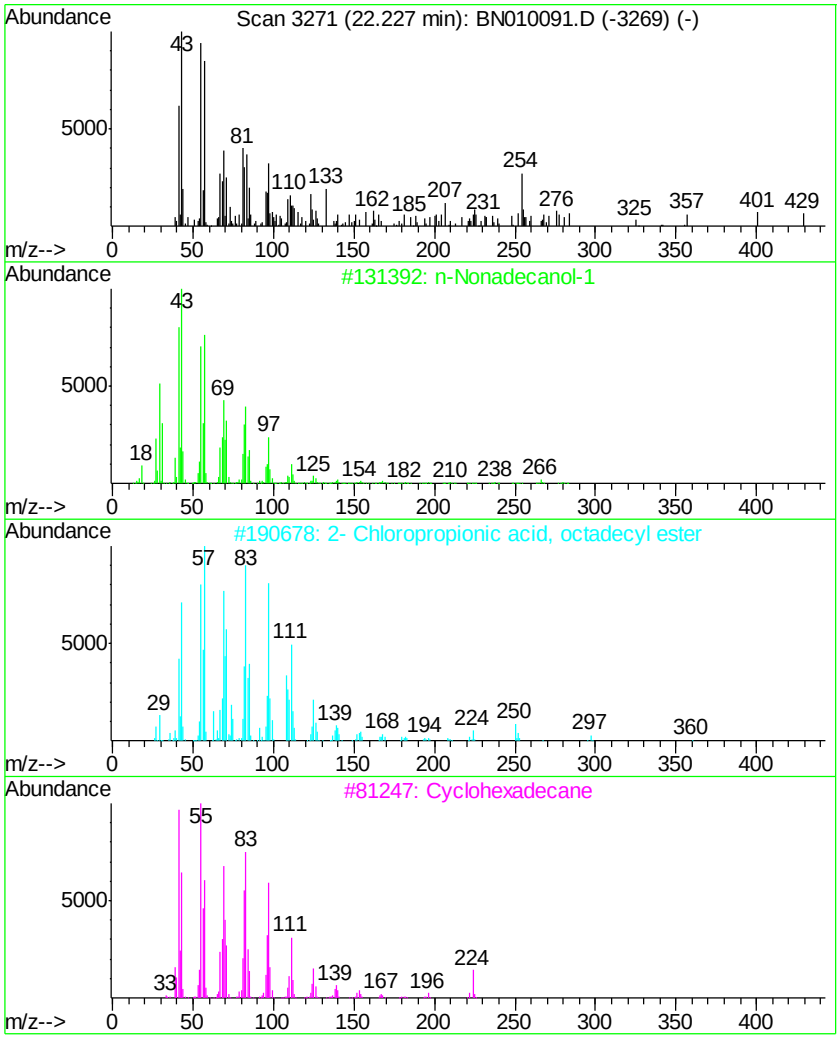
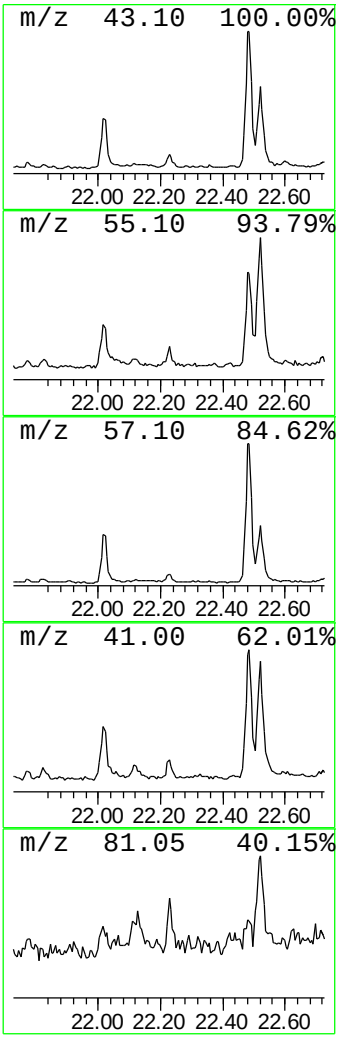
Peak Number 12 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	2.31 ng/ul	132727	Perylene-d12	23.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	22
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	22
3	Cyclohexadecane	224	C16H32	000295-65-8	15
4	Z-(13,14-Epoxy)tetradec-11-en-1-...	268	C16H28O3	1000131-33-2	15
5	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	10





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Quant Title : SVOA CALIBRATION

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

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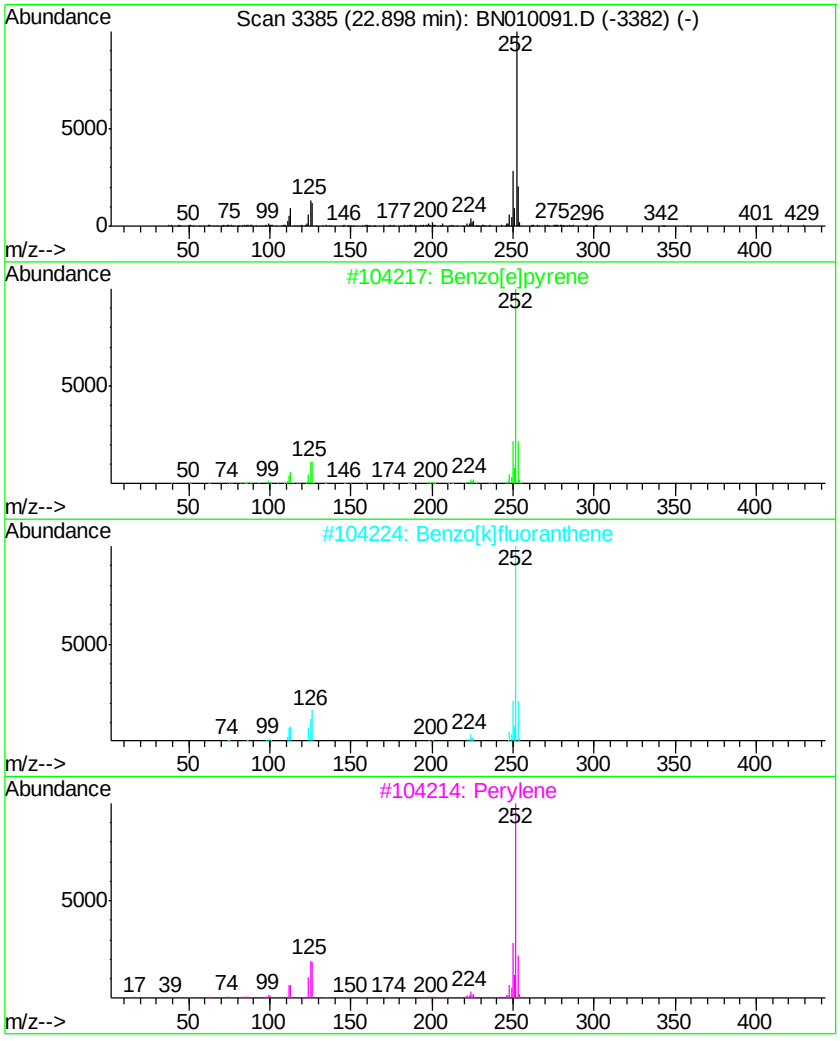
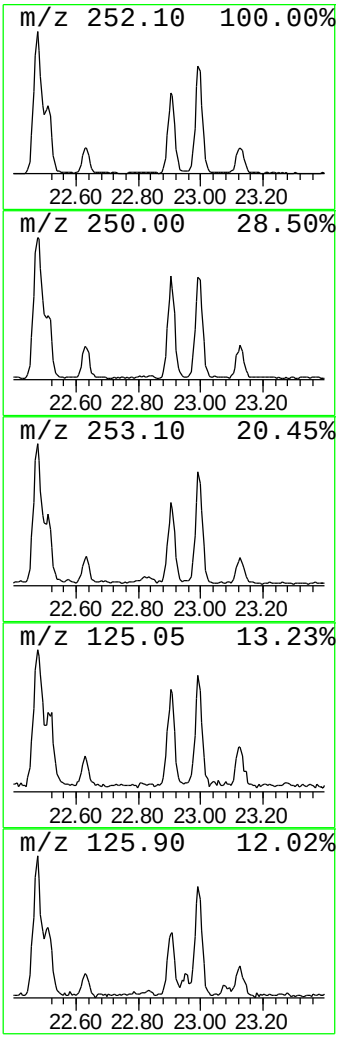
Peak Number 13 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	7.66 ng/ul	440610	Perylene-d12	23.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





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Quant Title : SVOA CALIBRATION

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

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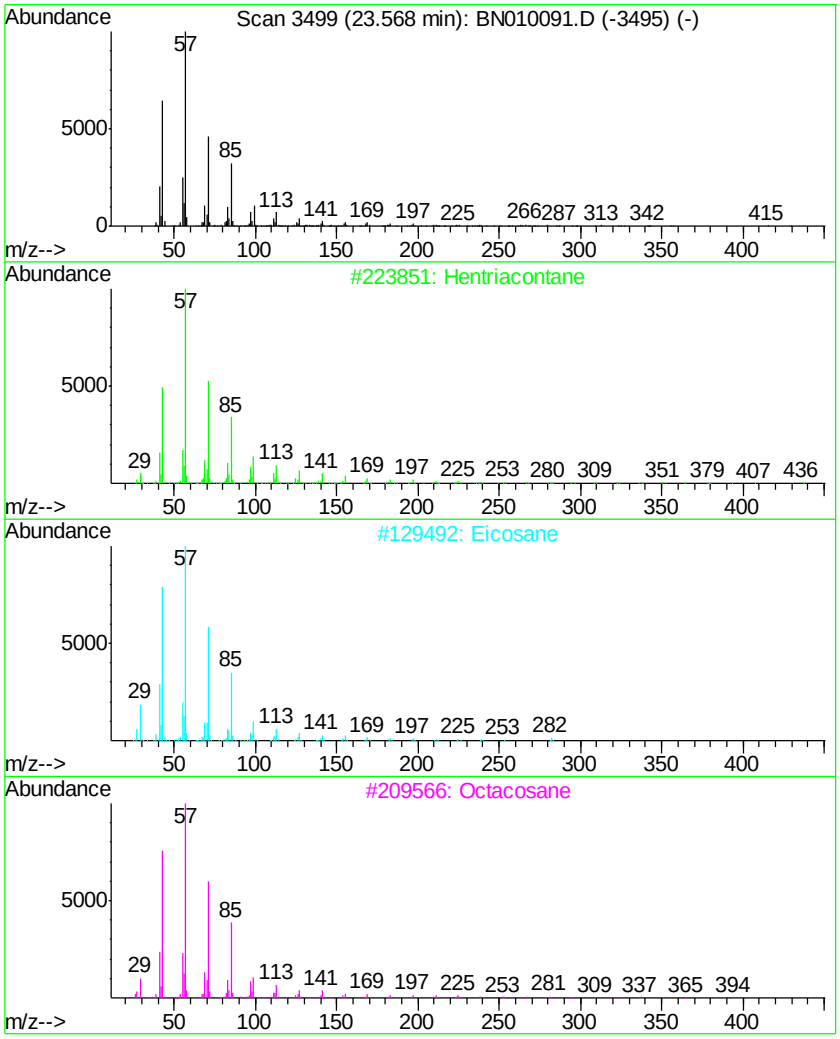
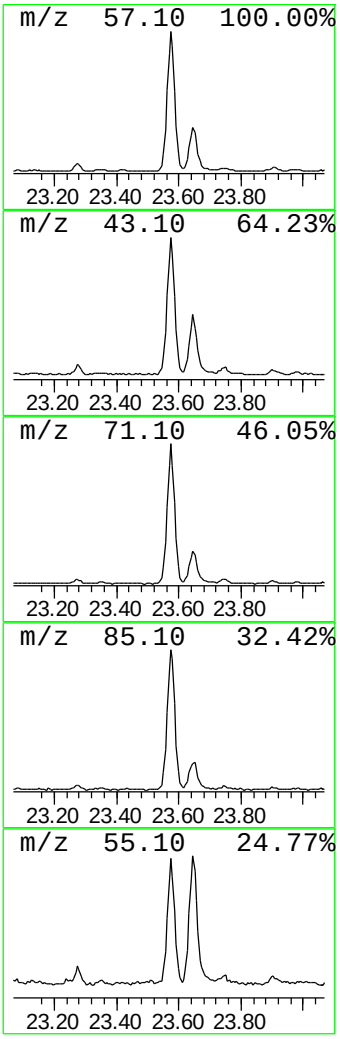
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.57	24.06 ng/ul	1382850	Perylene-d12	23.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	90
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87





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Quant Title : SVOA CALIBRATION

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

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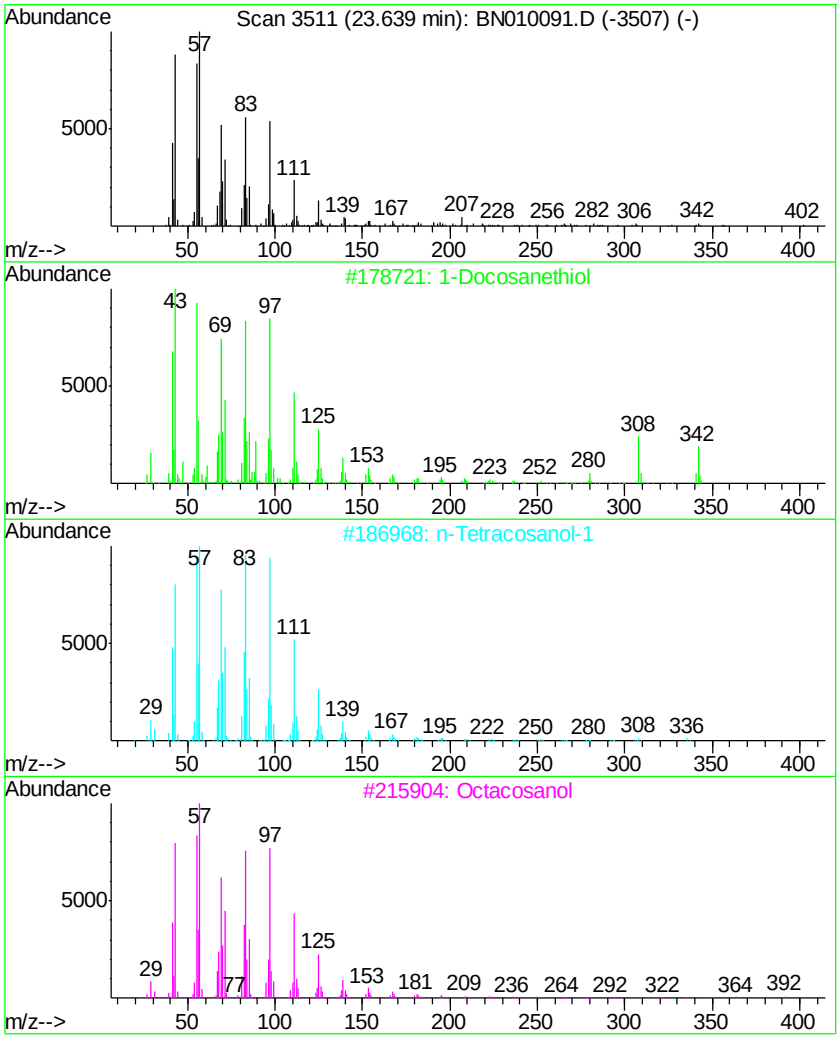
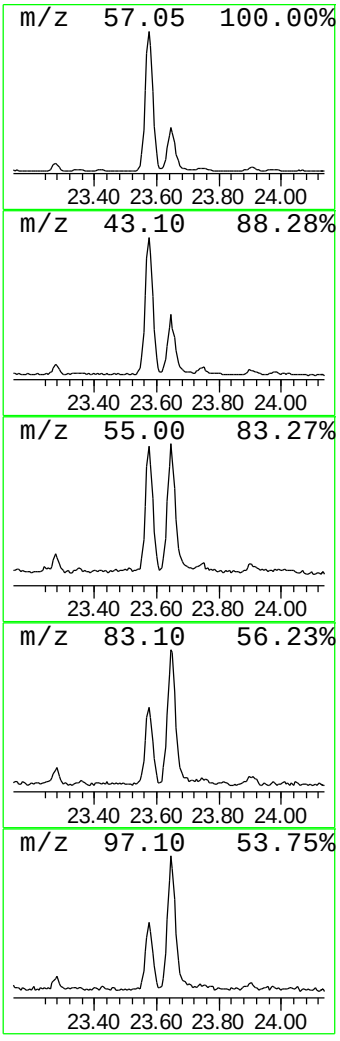
Peak Number 15 1-Docosanethiol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.64	15.02 ng/ul	863574	Perylene-d12	23.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosanethiol	342	C22H46S	007773-83-3	96
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	Octacosanol	410	C28H58O	000557-61-9	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91





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Quant Title : SVOA CALIBRATION

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

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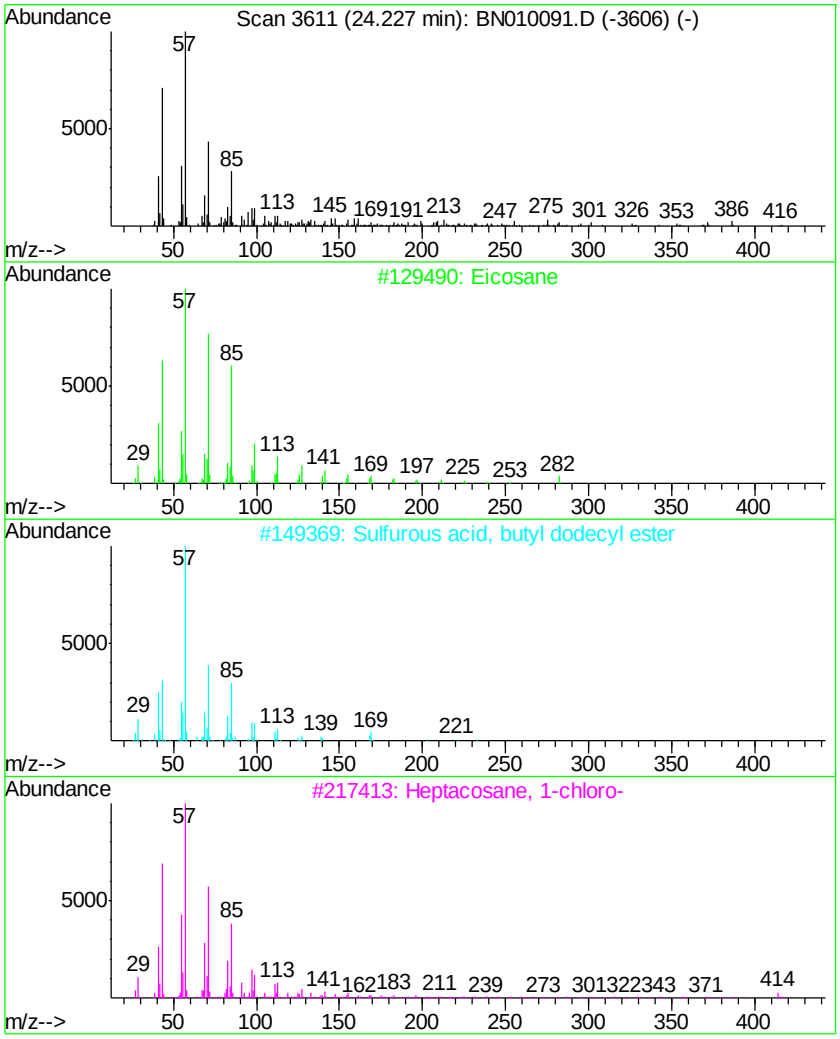
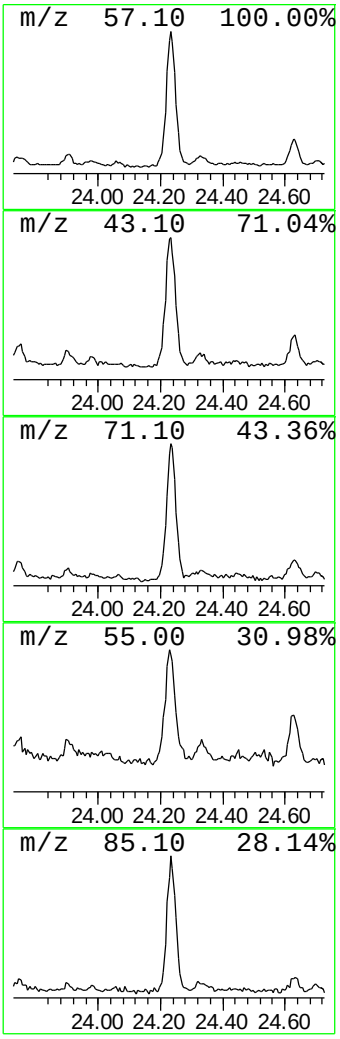
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	13.71 ng/ul	788247	Perylene-d12	23.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	83
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	81
4	Tetratetracontane	619	C44H90	007098-22-8	76
5	2-methyloctacosane	408	C29H60	1000376-72-8	68





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y4

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Quant Title : SVOA CALIBRATION

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

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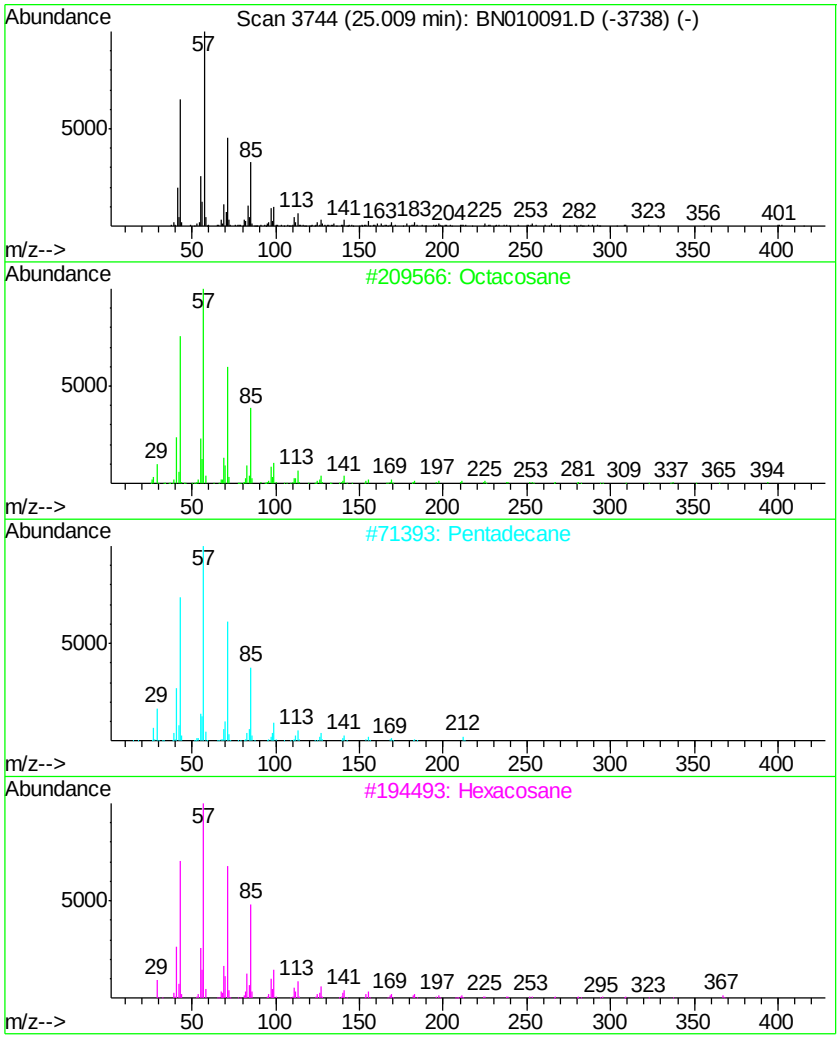
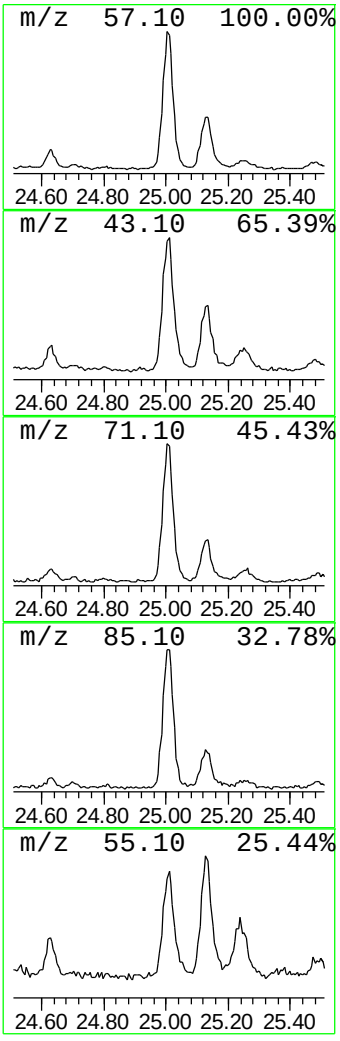
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.01	16.18 ng/ul	930088	Perylene-d12	23.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Pentadecane	212	C15H32	000629-62-9	87
3	Hexacosane	366	C26H54	000630-01-3	83
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83





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Acq On : 04 Mar 2020 22:50
Operator : CG/JU
Sample : L1641-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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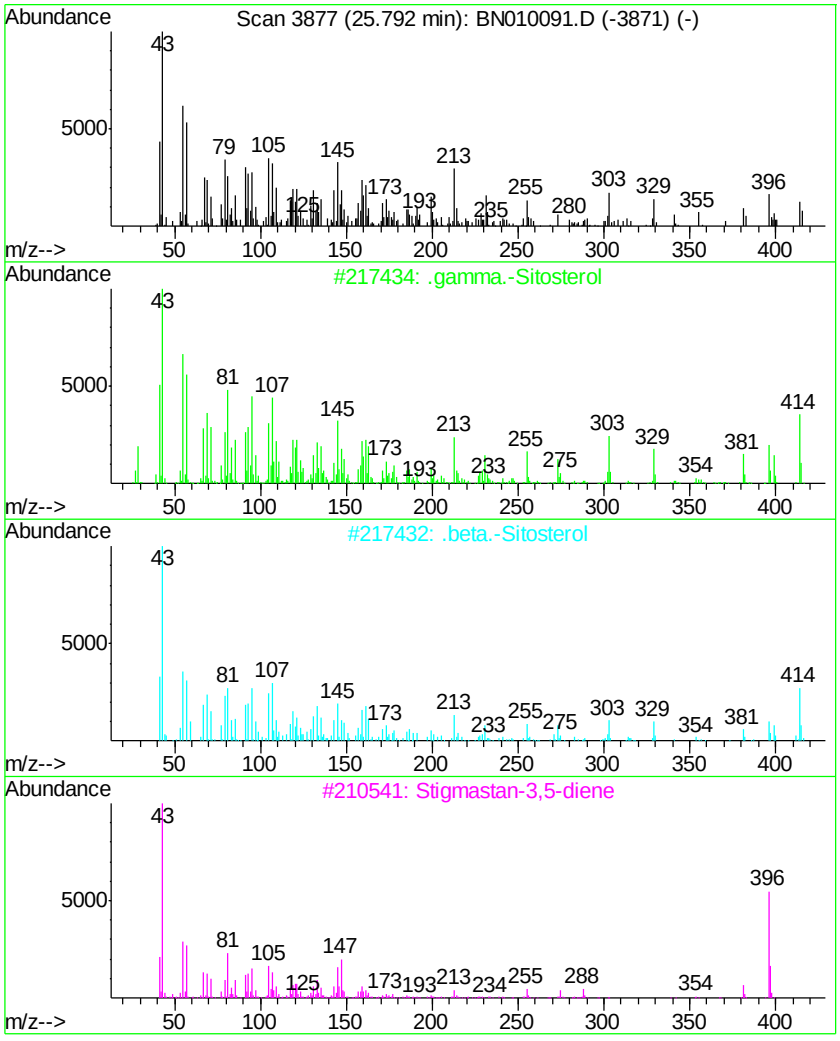
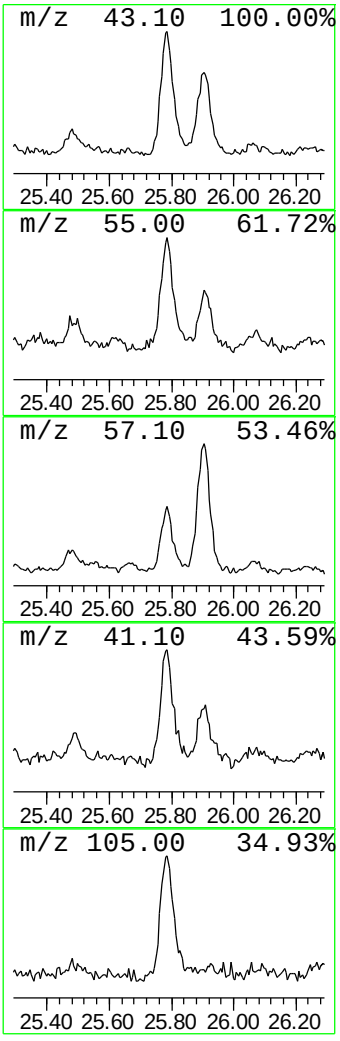
Peak Number 18 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.79	15.17 ng/ul	871933	Perylene-d12	23.08

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	46
3	Stigmastan-3,5-diene	396	C29H48	1000214-16-4	22
4	22,23-Bisnor-5-cholenic acid, 3....	388	C24H36O4	1000127-30-8	18
5	.beta.-Sitosterol	414	C29H50O	000083-46-5	18





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Data File : BN010091.D
Acq On : 04 Mar 2020 22:50
Operator : CG/JU
Sample : L1641-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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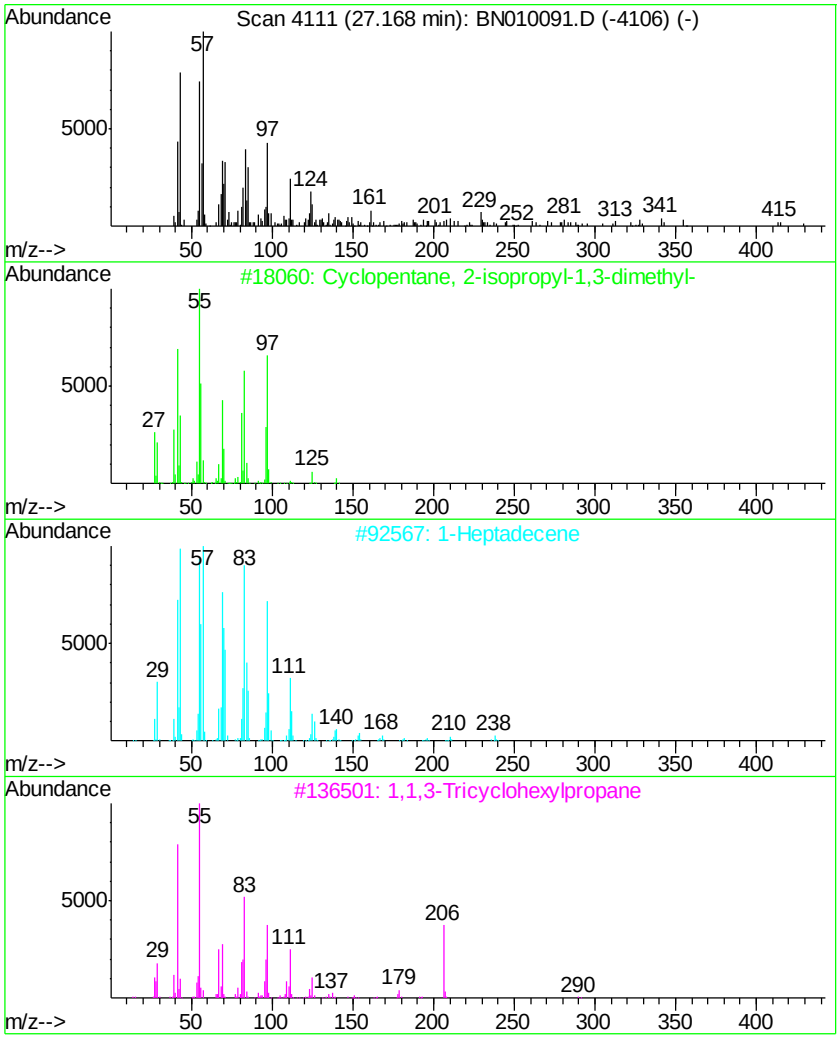
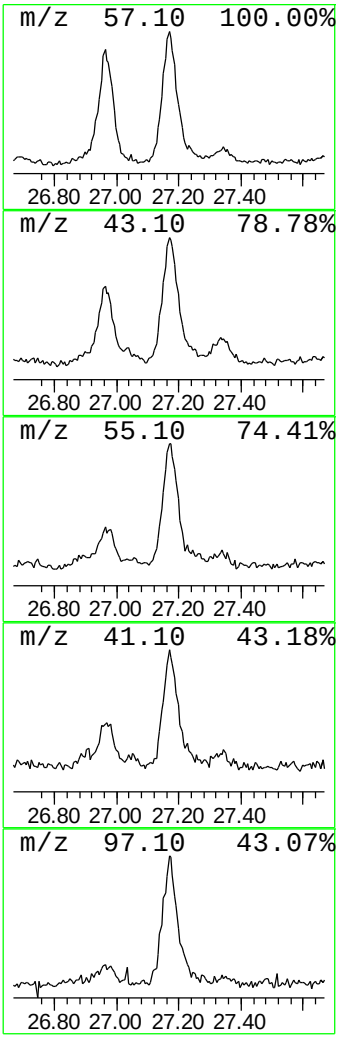
Peak Number 19 (DEL) Alkane: Cyclic27.17 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.17	10.30 ng/ul	592356	Perylene-d12	23.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	64
2	1-Heptadecene	238	C17H34	006765-39-5	62
3	1,1,3-Tricyclohexylpropane	290	C21H38	055682-89-8	60
4	Heptadecane, 9-(2-cyclohexylethyl)-	350	C25H50	025446-35-9	58
5	1-Dodecanol, 2-octyl-, acetate	340	C22H44O2	074051-84-6	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030420\
Data File : BN010091.D
Acq On : 04 Mar 2020 22:50
Operator : CG/JU
Sample : L1641-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Y4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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
Methacrylamide	3.49	2.4	ng/ul	68994	1	7.36	565062	20.0
Toluene	3.69	2.7	ng/ul	75150	1	7.36	565062	20.0
Phenanthrene, 2-m...	17.69	2.9	ng/ul	176638	4	16.76	1238990	20.0
Benzaldehyde, 3,5...	17.83	2.8	ng/ul	171055	4	16.76	1238990	20.0
Phenanthrene, 2,5...	18.58	3.0	ng/ul	184964	4	16.76	1238990	20.0
11H-Benzo[a]fluorene	19.72	2.3	ng/ul	260188	5	20.99	2268230	20.0
unknown-01	20.67	2.1	ng/ul	233105	5	20.99	2268230	20.0
Octadecyl trifluo...	20.73	8.9	ng/ul	1013440	5	20.99	2268230	20.0
Diethylene glycol...	20.79	5.2	ng/ul	584441	5	20.99	2268230	20.0
Sulfurous acid, b...	21.59	5.1	ng/ul	579578	5	20.99	2268230	20.0
(DEL) Alkane: Str...	22.02	3.2	ng/ul	364465	5	20.99	2268230	20.0
unknown-02	22.23	2.3	ng/ul	132727	6	23.08	1149710	20.0
Benzo[e]pyrene	22.90	7.7	ng/ul	440610	6	23.08	1149710	20.0
(DEL) Alkane: Str...	23.57	24.1	ng/ul	1382850	6	23.08	1149710	20.0
1-Docosanethiol	23.64	15.0	ng/ul	863574	6	23.08	1149710	20.0
(DEL) Alkane: Str...	24.23	13.7	ng/ul	788247	6	23.08	1149710	20.0
(DEL) Alkane: Str...	25.01	16.2	ng/ul	930088	6	23.08	1149710	20.0
.gamma.-Sitosterol	25.79	15.2	ng/ul	871933	6	23.08	1149710	20.0
(DEL) Alkane: Cyc...	27.17	10.3	ng/ul	592356	6	23.08	1149710	20.0