LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
Data File : BM028948.D
Acq On : 27 Feb 2021 09:17
Operator : CG/JU
Sample : M1498-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H0

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-BM022721MA.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	3.122	20	23	27	rVV	3596	4200	0.97%	0.095%
2	3.158	27	29	34	rVB2	2139	2402	0.55%	0.054%
3	4.134	192	195	199	rBB	2077	2552	0.59%	0.058%
4	4.269	215	218	221	rBB	707	801	0.18%	0.018%
5	5.046	345	350	355	rBB	7618	11239	2.59%	0.255%
6	5.316	392	396	401	rBB	3213	3863	0.89%	0.088%
7	6.104	528	530	534	rBB	687	776	0.18%	0.018%
8	6.234	549	552	555	rBV	528	728	0.17%	0.017%
9	6.957	670	675	684	rBB	19292	30566	7.05%	0.693%
10	7.110	695	701	709	rBB	67832	100550	23.19%	2.280%
11	7.304	728	734	743	rBB	79677	122774	28.32%	2.784%
12	7.769	808	813	822	rBB	58643	88182	20.34%	2.000%
13	8.140	872	876	880	rBB	2823	3680	0.85%	0.083%
14	8.257	893	896	899	rBB	755	844	0.19%	0.019%
15	8.504	932	938	947	rBB	57490	87602	20.20%	1.987%
16	8.869	996	1000	1004	rBB2	2938	3628	0.84%	0.082%
17	8.945	1007	1013	1021	rBV	90866	143286	33.05%	3.249%
18	9.310	1071	1075	1079	rBB	2270	3074	0.71%	0.070%
19	9.398	1086	1090	1093	rBB	1549	2018	0.47%	0.046%
20	9.663	1129	1135	1143	rBB	77970	125962	29.05%	2.856%
21	10.204	1221	1227	1239	rBB	107843	175361	40.45%	3.977%
22	10.569	1283	1289	1298	rBB	78272	126288	29.13%	2.864%
23	10.728	1312	1316	1324	rBB	8484	12797	2.95%	0.290%
24	11.292	1409	1412	1415	rBB2	655	709	0.16%	0.016%
25	11.798	1495	1498	1502	rBB2	1127	1469	0.34%	0.033%
26	11.928	1517	1520	1524	rBB	863	1103	0.25%	0.025%
27	12.169	1557	1561	1564	rBB	1220	1405	0.32%	0.032%
28	12.245	1570	1574	1577	rBB	882	1046	0.24%	0.024%
29	12.457	1607	1610	1615	rBB	2511	3869	0.89%	0.088%
30	12.775	1661	1664	1666	rBB	713	696	0.16%	0.016%
31	13.322	1753	1757	1760	rBB	670	757	0.17%	0.017%
32	13.392	1766	1769	1772	rBB	923	872	0.20%	0.020%
33	13.751	1827	1830	1834	rBB2	528	805	0.19%	0.018%
34	13.851	1841	1847	1852	rBV	196619	259299	59.81%	5.880%

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Title : SVOA CALIBRATION

35	13.898	1852	1855	1859	rVB	7821	8719	2.01%	0.198%
36	14.075	1882	1885	1888	rBV2	2071	2973	0.69%	0.067%
37	14.127	1888	1894	1900	rVB	225813	317261	73.17%	7.195%
38	14.316	1922	1926	1930	rBB	924	1256	0.29%	0.028%
39	14.433	1940	1946	1952	rBB	113441	161725	37.30%	3.667%
40	14.498	1953	1957	1960	rBB	988	1165	0.27%	0.026%
41	14.680	1984	1988	1999	rBB	11757	19789	4.56%	0.449%
42	15.222	2077	2080	2084	rBB2	1579	2027	0.47%	0.046%
43	15.274	2084	2089	2090	rBV2	1274	1795	0.41%	0.041%
44	15.427	2109	2115	2121	rVB	273354	375934	86.71%	8.525%
45	15.486	2122	2125	2129	rBB2	732	928	0.21%	0.021%
46	15.574	2135	2140	2147	rBV	95859	128706	29.69%	2.919%
47	15.657	2150	2154	2159	rVB2	4990	7075	1.63%	0.160%
48	15.792	2173	2177	2180	rBB	780	786	0.18%	0.018%
49	15.951	2197	2204	2210	rBB	21071	26826	6.19%	0.608%
50	16.086	2225	2227	2232	rBV2	803	1202	0.28%	0.027%
51	16.151	2232	2238	2241	rVV4	2485	4167	0.96%	0.094%
52	16.204	2244	2247	2250	rVB2	1083	1230	0.28%	0.028%
53	16.316	2263	2266	2271	rBB2	559	736	0.17%	0.017%
54	16.392	2272	2279	2287	rBB	2457	3616	0.83%	0.082%
55	16.463	2287	2291	2298	rBV	11120	15125	3.49%	0.343%
56	16.539	2302	2304	2307	rBV2	642	697	0.16%	0.016%
57	16.921	2366	2369	2373	rVB2	667	903	0.21%	0.020%
58	16.968	2373	2377	2380	rBV	760	1056	0.24%	0.024%
59	17.086	2394	2397	2401	rVB	1277	1575	0.36%	0.036%
60	17.174	2407	2412	2417	rBV	129615	173702	40.06%	3.939%
61	17.221	2417	2420	2423	rVV2	2129	2715	0.63%	0.062%
62	17.274	2423	2429	2438	rVV2	291487	394310	90.95%	8.942%
63	17.463	2457	2461	2464	rBV3	1254	2114	0.49%	0.048%
64	17.651	2490	2493	2496	rBV2	531	701	0.16%	0.016%
65	17.698	2498	2501	2503	rBV2	777	959	0.22%	0.022%
66	17.833	2520	2524	2527	rVB2	570	827	0.19%	0.019%
67	17.880	2529	2532	2534	rVB3	729	765	0.18%	0.017%
68	17.939	2534	2542	2546	rBV3	2218	4421	1.02%	0.100%
69	18.015	2552	2555	2557	rVV	765	959	0.22%	0.022%
70	18.063	2557	2563	2569	rVV	23517	31813	7.34%	0.721%
71	18.139	2572	2576	2581	rVV2	1372	2457	0.57%	0.056%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Title : SVOA CALIBRATION

72	18.210	2584	2588	2590	rVV4	2619	3142	0.72%	0.071%
73	18.227	2590	2591	2593	rVV	1603	1435	0.33%	0.033%
74	18.392	2615	2619	2620	rVV2	746	725	0.17%	0.016%
75	18.404	2620	2621	2626	rVB3	874	1093	0.25%	0.025%
76	18.545	2640	2645	2650	rVB2	5465	8248	1.90%	0.187%
77	18.639	2657	2661	2664	rVB5	1281	1731	0.40%	0.039%
78	18.674	2664	2667	2673	rVB4	1250	2048	0.47%	0.046%
79	18.810	2684	2690	2694	rBV	33833	42914	9.90%	0.973%
80	18.898	2700	2705	2711	rBV2	8948	12421	2.86%	0.282%
81	18.962	2711	2716	2722	rVV4	3730	5878	1.36%	0.133%
82	19.198	2752	2756	2758	rBV2	3066	3815	0.88%	0.087%
83	19.227	2758	2761	2765	rVB2	3245	4632	1.07%	0.105%
84	19.339	2776	2780	2784	rBV2	10386	12673	2.92%	0.287%
85	19.445	2794	2798	2803	rBV2	9257	11706	2.70%	0.265%
86	19.509	2805	2809	2812	rVV2	2679	3372	0.78%	0.076%
87	19.562	2812	2818	2823	rVV	328321	433569	100.00%	9.832%
88	19.615	2823	2827	2833	rVB	8950	12916	2.98%	0.293%
89	19.845	2863	2866	2867	rBV3	1390	1291	0.30%	0.029%
90	19.974	2884	2888	2893	rBV2	3113	5293	1.22%	0.120%
91	20.186	2920	2924	2926	rBV4	2297	3365	0.78%	0.076%
92	20.404	2959	2961	2963	rVB3	1773	1096	0.25%	0.025%
93	20.451	2967	2969	2974	rVB3	4116	4602	1.06%	0.104%
94	20.580	2988	2991	2996	rBV6	4085	5713	1.32%	0.130%
95	20.662	3001	3005	3010	rVV	8949	10900	2.51%	0.247%
96	20.704	3010	3012	3015	rVV4	2450	2634	0.61%	0.060%
97	21.045	3066	3070	3076	rBV	35667	42031	9.69%	0.953%
98	21.339	3115	3120	3125	rBV	153922	176356	40.68%	3.999%
99	23.397	3464	3470	3481	rVB	230125	401907	92.70%	9.114%
100	23.539	3488	3494	3501	rVB	95931	163959	37.82%	3.718%

Sum of corrected areas: 4409683

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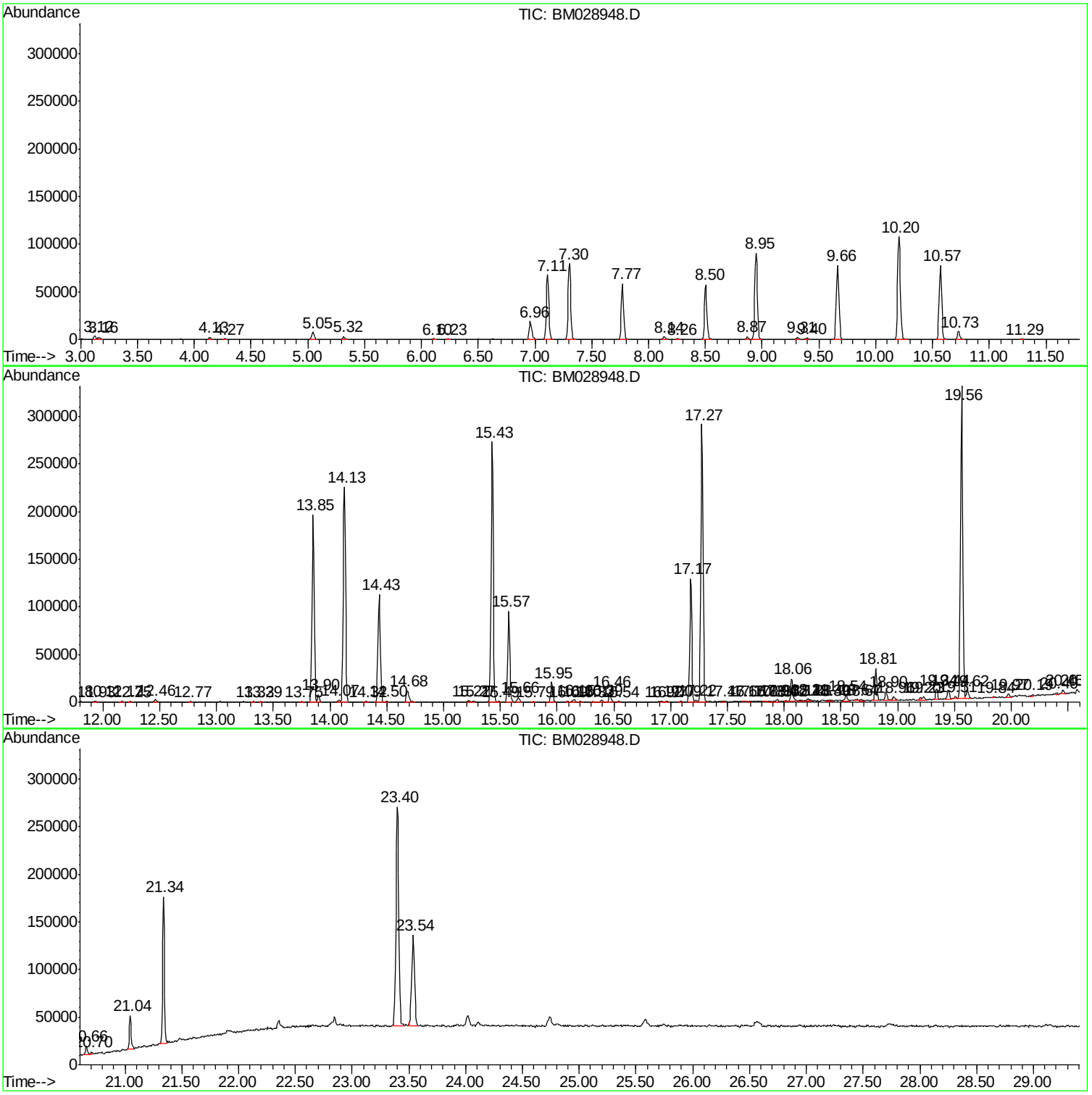
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION

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



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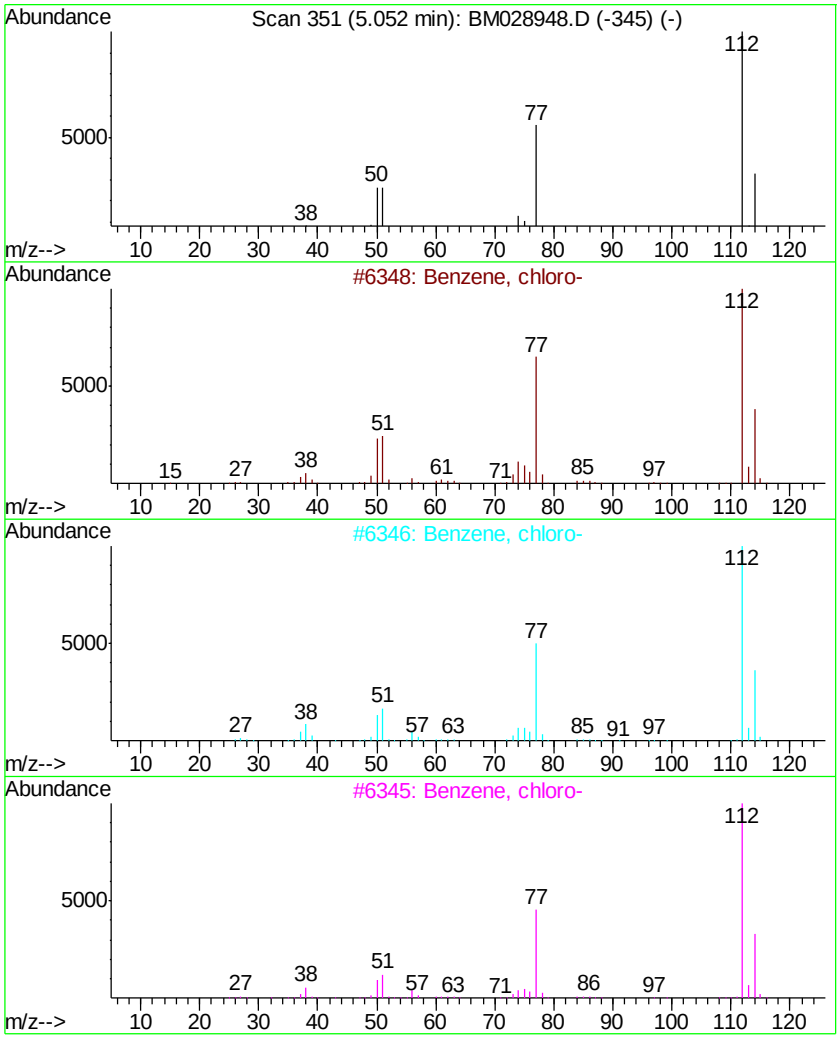
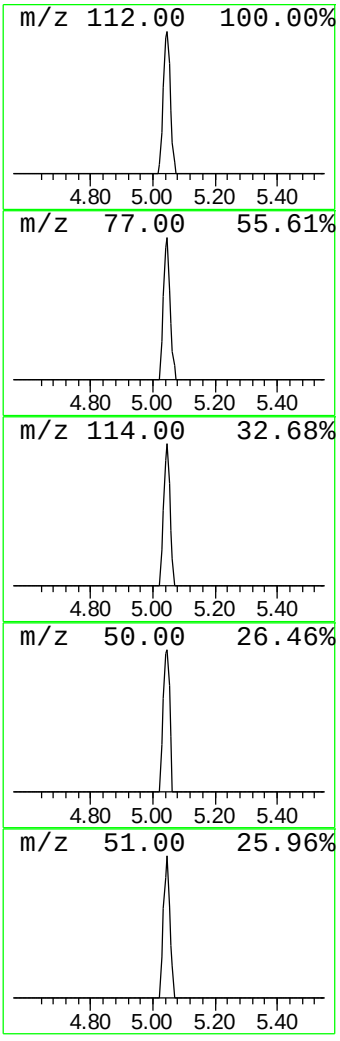
****

Peak Number 1 Benzene, chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	2.55 ng/ul	11239	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	90
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	83
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	74
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	72
5	1,5-Hexadiyne	78	C6H6	000628-16-0	17





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Quant Title : SVOA CALIBRATION

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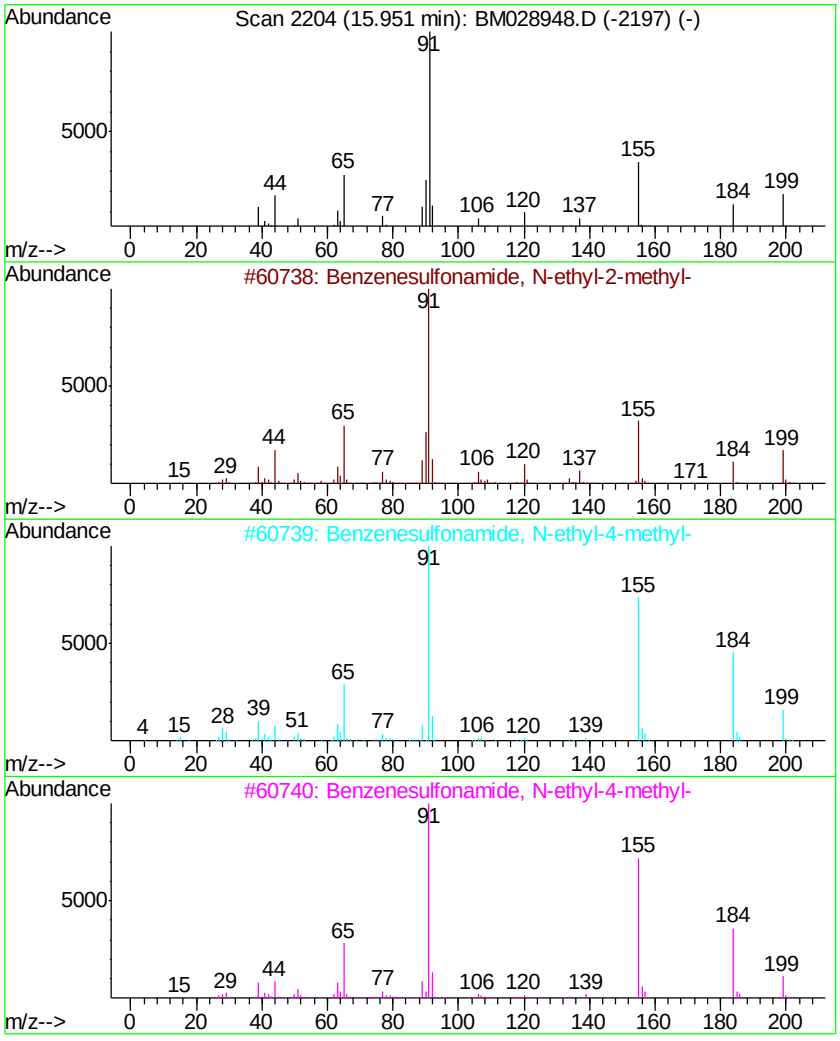
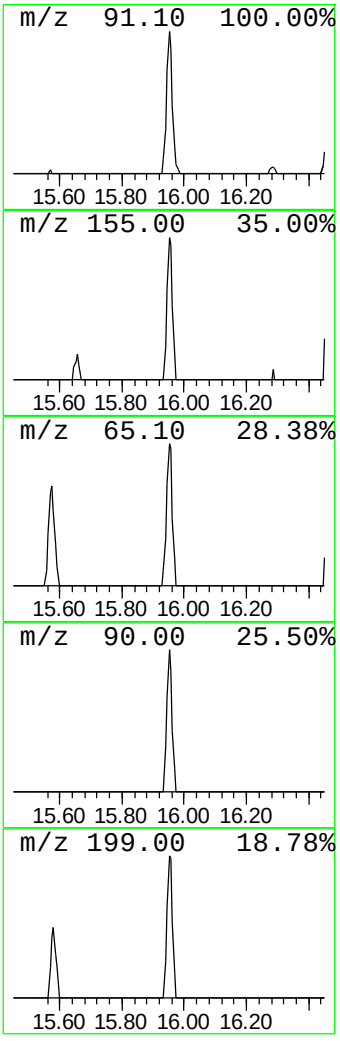
Peak Number 2 Benzenesulfonamide, N-ethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	3.09 ng/ul	26826	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	98
2	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	59
3	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	59
4	4-Methyl-N-[2-(3-nitro-[1,2,4]tr...	311	C11H13N5O4S	1000301-03-5	50
5	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	50





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Quant Title : SVOA CALIBRATION

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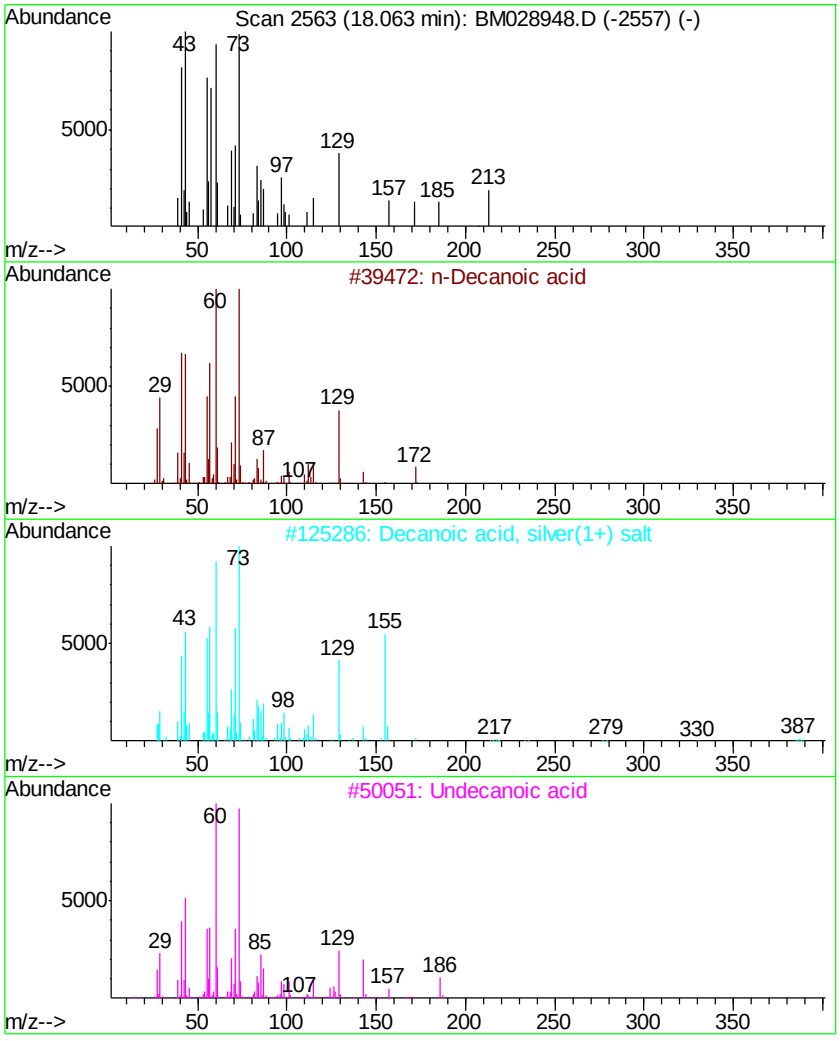
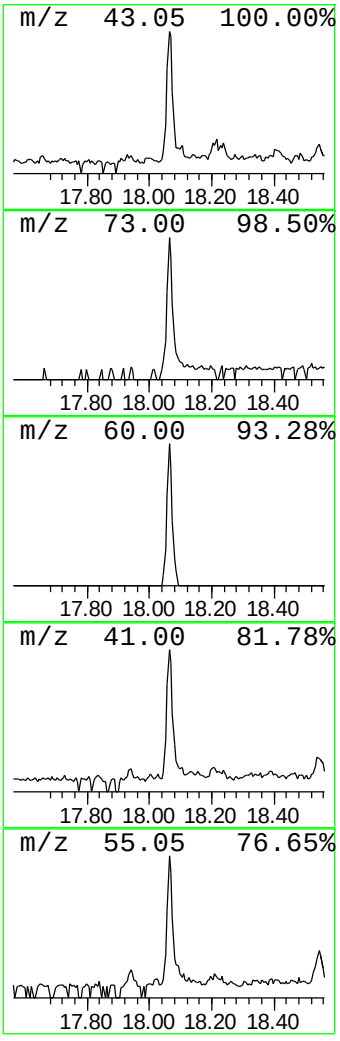
Peak Number 3 n-Decanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	3.66 ng/ul	31813	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	59
2	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	59
3	Undecanoic acid	186	C11H22O2	000112-37-8	53
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Oxalic acid, cyclobutyl dodecyl ...	312	C18H32O4	1000309-70-3	14





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Quant Title : SVOA CALIBRATION

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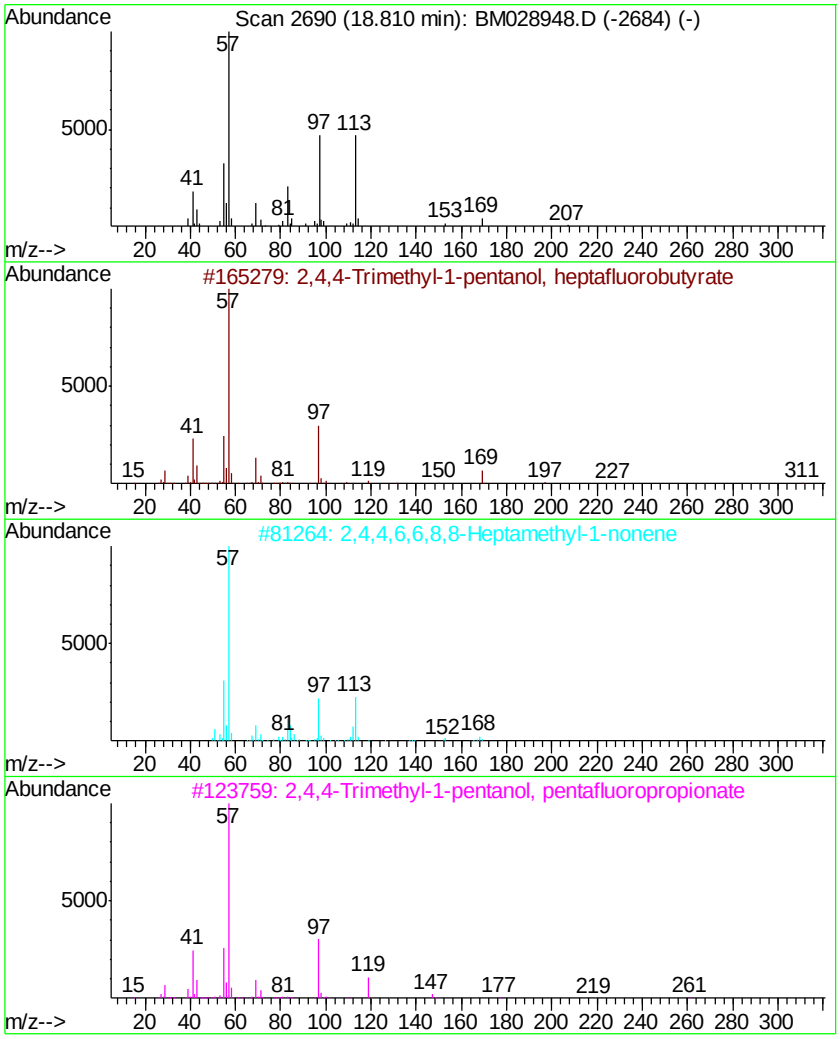
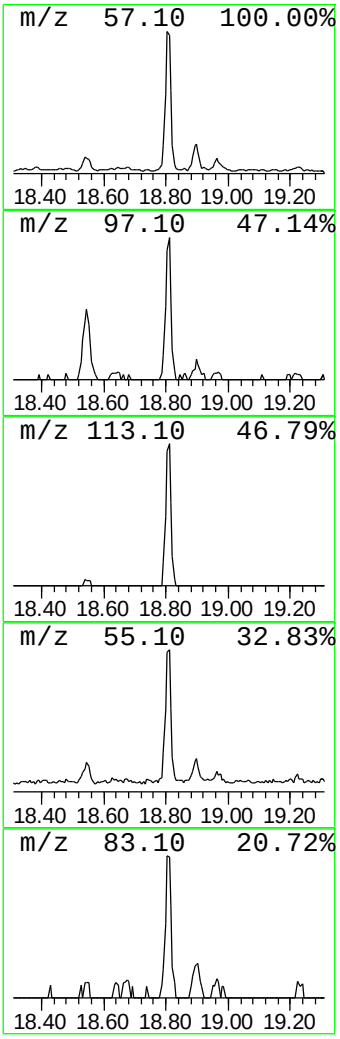
Peak Number 4 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	4.94 ng/ul	42914	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	38
2	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	37
3	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	35
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	32
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	32





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Quant Title : SVOA CALIBRATION

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

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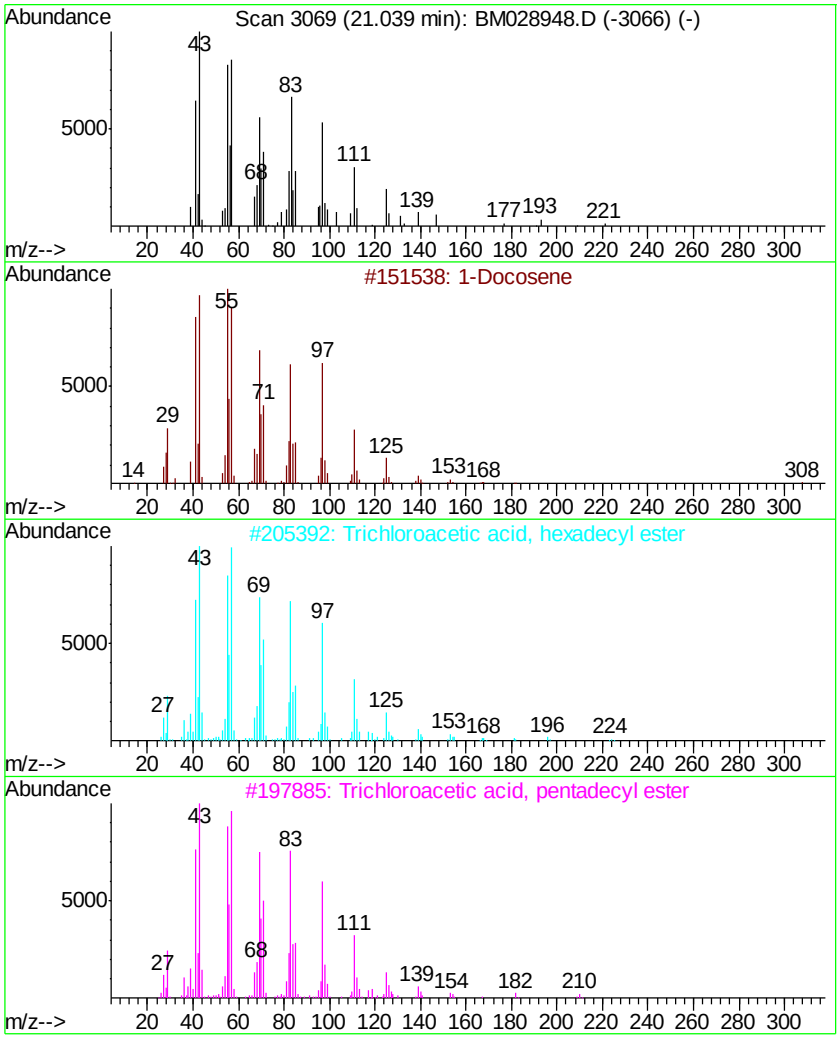
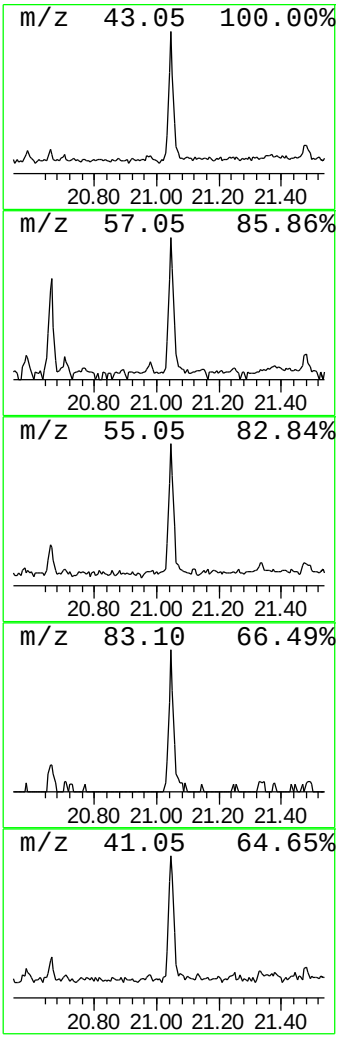
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	4.77 ng/ul	42031	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022721\
Data File : BM028948.D
Acq On : 27 Feb 2021 09:17
Operator : CG/JU
Sample : M1498-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.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
Benzene, chloro-	5.05	2.5	ng/ul	11239	1	7.77	88182	20.0
Benzenesulfonamid...	15.95	3.1	ng/ul	26826	4	17.17	173702	20.0
n-Decanoic acid	18.06	3.7	ng/ul	31813	4	17.17	173702	20.0
unknown-01	18.81	4.9	ng/ul	42914	4	17.17	173702	20.0
(DEL) Alkane: Str...	21.04	4.8	ng/ul	42031	5	21.34	176356	20.0