LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030421\
Data File : BM028988.D
Acq On : 04 Mar 2021 14:04
Operator : CG/JU
Sample : M1558-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD9

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	19	23	28	rBV	3262	3778	0.81%	0.108%
2	6.234	549	552	554	rBB	464	542	0.12%	0.016%
3	6.951	670	674	683	rBB	11012	16488	3.54%	0.472%
4	7.104	695	700	708	rBB	38357	58178	12.47%	1.664%
5	7.298	727	733	741	rBV	46273	73594	15.78%	2.105%
6	7.763	807	812	820	rBB	36433	54545	11.70%	1.560%
7	8.134	871	875	879	rBB	2385	3325	0.71%	0.095%
8	8.492	932	936	947	rBB	31537	48340	10.37%	1.383%
9	8.940	1006	1012	1021	rBV	53647	83760	17.96%	2.396%
10	9.657	1129	1134	1141	rBB	46449	70835	15.19%	2.026%
11	9.810	1157	1160	1164	rBB	359	602	0.13%	0.017%
12	10.198	1221	1226	1237	rBB	61202	98119	21.04%	2.806%
13	10.563	1282	1288	1295	rBB	45751	73389	15.74%	2.099%
14	10.669	1303	1306	1309	rBB	533	639	0.14%	0.018%
15	10.739	1313	1318	1323	rBB2	3294	5025	1.08%	0.144%
16	11.681	1475	1478	1482	rBB	935	1243	0.27%	0.036%
17	12.128	1549	1554	1558	rBV2	1658	2494	0.53%	0.071%
18	12.163	1558	1560	1563	rVB2	448	492	0.11%	0.014%
19	13.163	1726	1730	1737	rBB2	8218	11912	2.55%	0.341%
20	13.257	1741	1746	1751	rBB	3456	4731	1.01%	0.135%
21	13.480	1780	1784	1790	rBB	2940	4216	0.90%	0.121%
22	13.580	1798	1801	1803	rBB	799	757	0.16%	0.022%
23	13.845	1840	1846	1852	rBV	127340	162840	34.92%	4.657%
24	13.892	1852	1854	1857	rVB	573	674	0.14%	0.019%
25	14.122	1887	1893	1899	rBV	131500	182284	39.09%	5.214%
26	14.427	1940	1945	1951	rBB	63738	88520	18.98%	2.532%
27	14.522	1958	1961	1963	rBB	613	685	0.15%	0.020%
28	14.674	1984	1987	1996	rBB2	7068	11498	2.47%	0.329%
29	14.833	2010	2014	2017	rBB	1597	2032	0.44%	0.058%
30	14.986	2037	2040	2043	rBB	2168	2250	0.48%	0.064%
31	15.033	2046	2048	2050	rBB	673	498	0.11%	0.014%
32	15.063	2050	2053	2057	rBB	3109	3302	0.71%	0.094%
33	15.421	2108	2114	2120	rBV	169270	227325	48.74%	6.502%
34	15.480	2120	2124	2128	rVB	6808	8413	1.80%	0.241%

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Instrument : BNA_M
ClientSampleId : C0AD9

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

35	15.574	2135	2140	2148	rBV2	228985	347897	74.60%	9.950%
36	15.663	2152	2155	2157	rVB	742	763	0.16%	0.022%
37	15.769	2171	2173	2177	rBB	673	886	0.19%	0.025%
38	16.463	2287	2291	2297	rBB2	1507	2733	0.59%	0.078%
39	16.527	2298	2302	2308	rBB	1982	2753	0.59%	0.079%
40	16.627	2316	2319	2322	rBB	692	765	0.16%	0.022%
41	16.827	2348	2353	2365	rBV	350781	466374	100.00%	13.339%
42	16.992	2378	2381	2384	rBB	1394	1527	0.33%	0.044%
43	17.074	2391	2395	2397	rBB	641	773	0.17%	0.022%
44	17.168	2406	2411	2417	rBB	74877	101104	21.68%	2.892%
45	17.268	2422	2428	2437	rBB	197335	262202	56.22%	7.499%
46	17.380	2444	2447	2450	rBB	1182	1334	0.29%	0.038%
47	17.927	2536	2540	2544	rBB2	599	943	0.20%	0.027%
48	18.057	2557	2562	2573	rBV	20097	26145	5.61%	0.748%
49	18.133	2573	2575	2578	rVV	678	606	0.13%	0.017%
50	18.168	2578	2581	2584	rVB2	896	674	0.14%	0.019%
51	18.239	2591	2593	2595	rBV2	646	588	0.13%	0.017%
52	18.533	2640	2643	2644	rBV	1501	1353	0.29%	0.039%
53	18.798	2683	2688	2695	rVB	6679	8799	1.89%	0.252%
54	18.851	2695	2697	2700	rBV2	396	490	0.11%	0.014%
55	18.892	2700	2704	2707	rBV2	1610	2083	0.45%	0.060%
56	18.957	2712	2715	2717	rBV2	572	587	0.13%	0.017%
57	19.198	2752	2756	2759	rBV2	1812	2510	0.54%	0.072%
58	19.262	2764	2767	2768	rBV	495	595	0.13%	0.017%
59	19.339	2775	2780	2787	rVV	12058	15790	3.39%	0.452%
60	19.392	2787	2789	2792	rVB2	802	819	0.18%	0.023%
61	19.421	2792	2794	2795	rBV	792	608	0.13%	0.017%
62	19.445	2795	2798	2802	rVB2	1913	2339	0.50%	0.067%
63	19.486	2802	2805	2806	rBV	934	739	0.16%	0.021%
64	19.504	2806	2808	2809	rVB2	932	486	0.10%	0.014%
65	19.557	2811	2817	2826	rVB	244145	311990	66.90%	8.923%
66	19.680	2835	2838	2839	rBV2	565	511	0.11%	0.015%
67	19.698	2839	2841	2843	rVV3	541	468	0.10%	0.013%
68	19.768	2851	2853	2856	rVV3	767	883	0.19%	0.025%
69	19.809	2856	2860	2861	rVV3	1163	1144	0.25%	0.033%
70	19.839	2861	2865	2867	rVV5	1067	1474	0.32%	0.042%
71	20.004	2891	2893	2894	rBV2	791	474	0.10%	0.014%

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Integration Parameters: LSCINT.P
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Sampling : 1 Min Area: 0.1 % of largest Peak
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Peak separation: 5

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Title : SVOA CALIBRATION

72	20.056	2901	2902	2903	rBV2	930	494	0.11%	0.014%
73	20.280	2938	2940	2942	rBV2	943	756	0.16%	0.022%
74	21.045	3066	3070	3073	rBV2	19310	24049	5.16%	0.688%
75	21.333	3115	3119	3125	rBV	100790	122396	26.24%	3.501%
76	23.392	3463	3469	3477	rVB	197920	342846	73.51%	9.806%
77	23.527	3487	3492	3500	rVB2	70793	126250	27.07%	3.611%

Sum of corrected areas: 3496325

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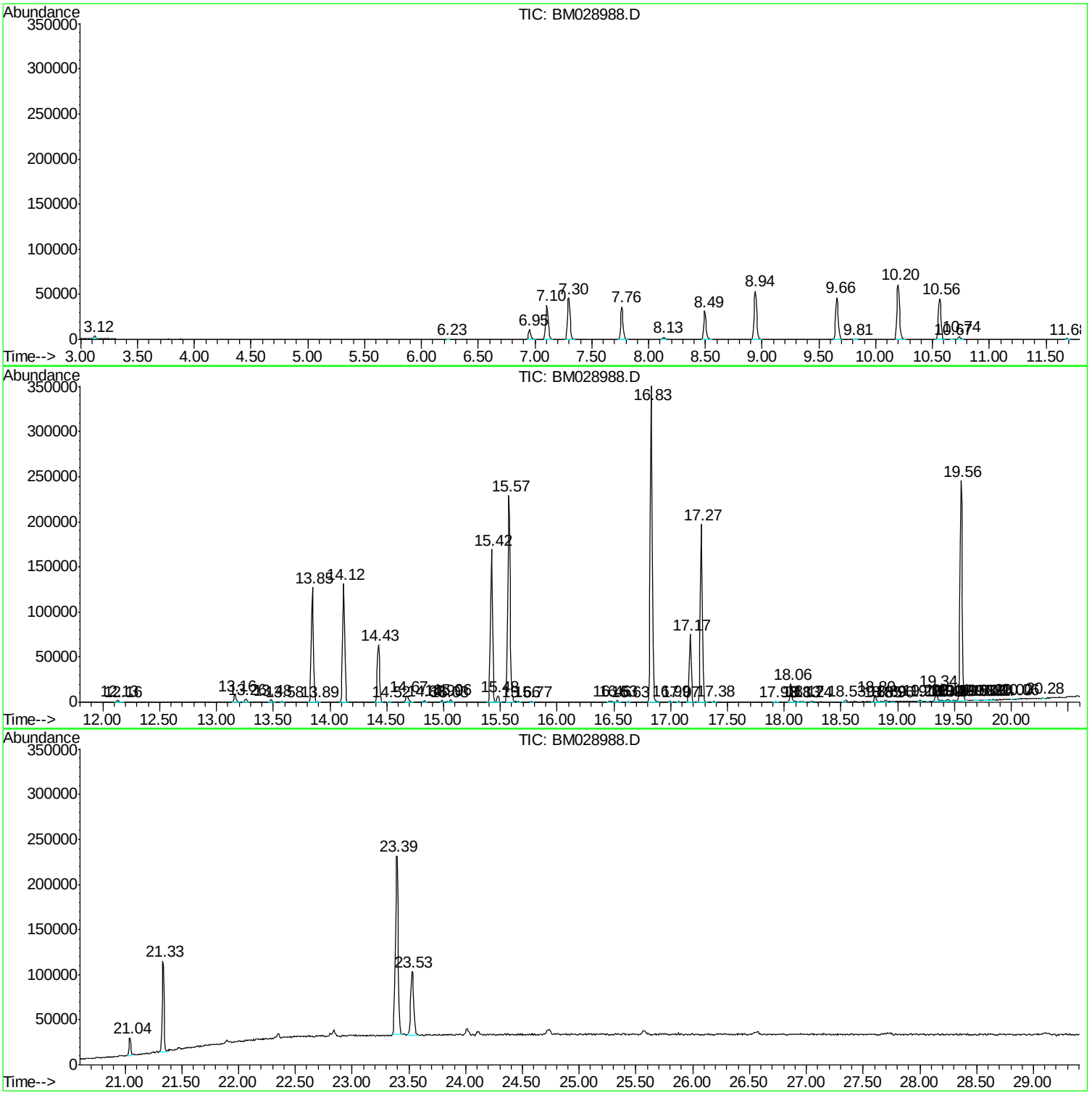
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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TIC Library : C:\DATABASE\NIST11.L
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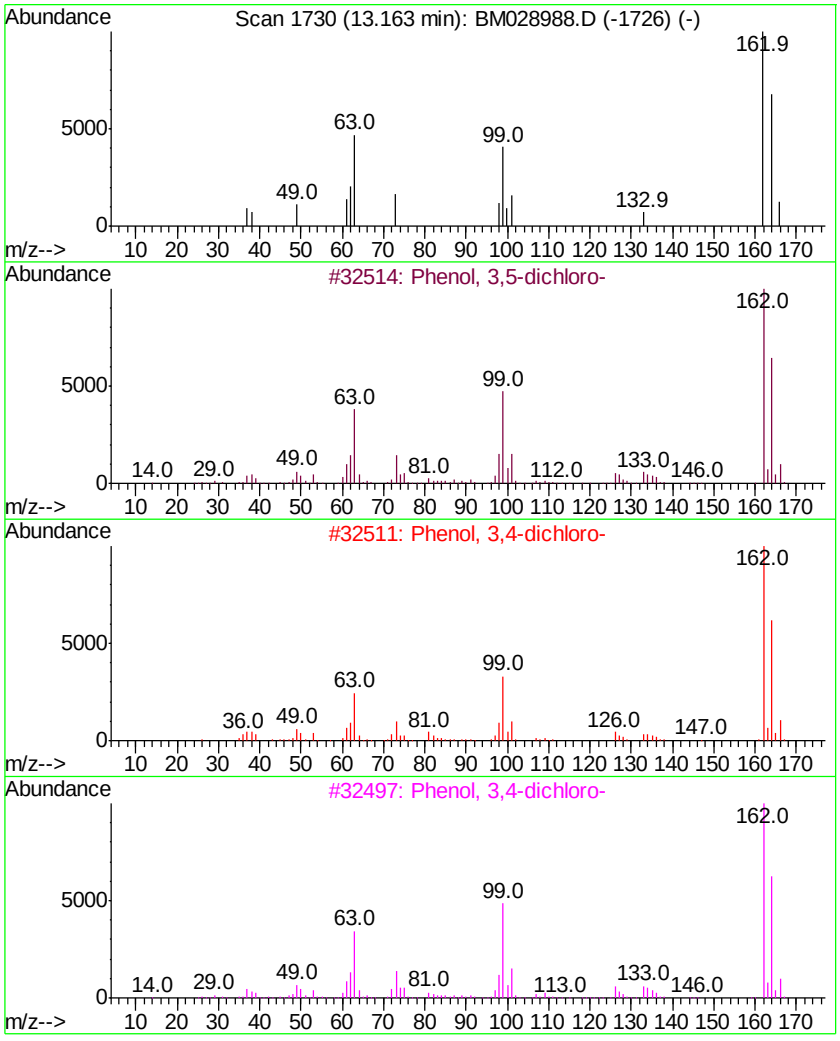
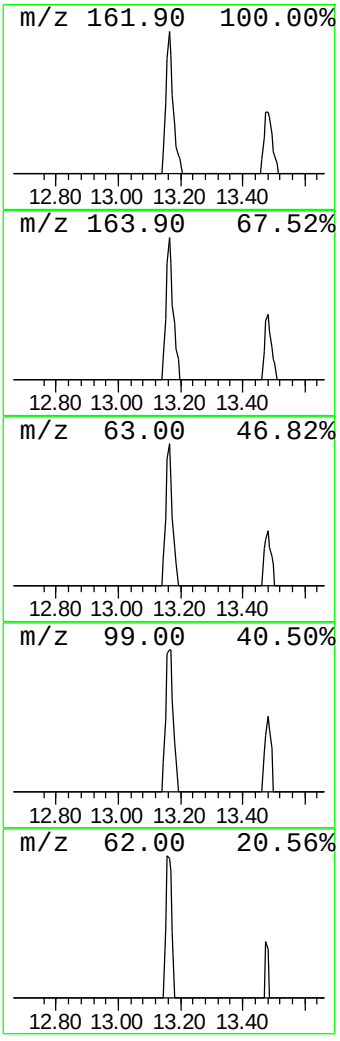
****

Peak Number 1 Phenol, 3,5-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.69 ng/ul	11912	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	94
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	93
3	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	93
4	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	81
5	Phenol, 2,5-dichloro-	162	C6H4Cl2O	000583-78-8	76





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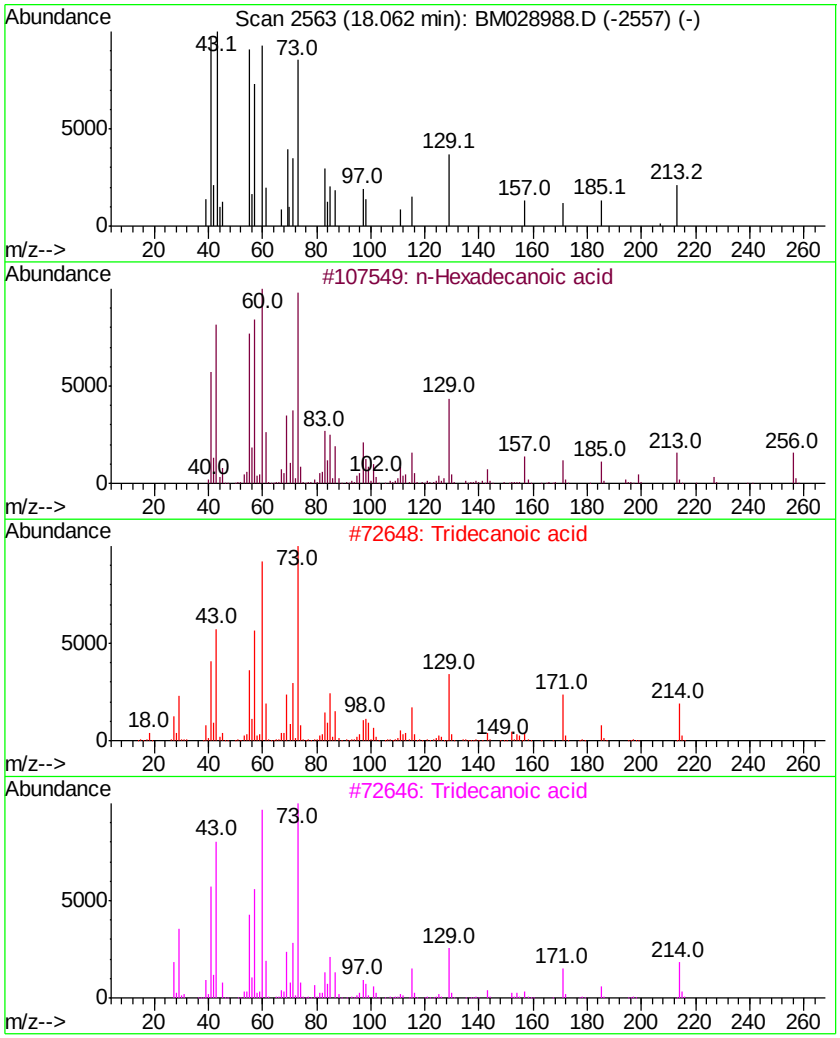
TIC Integration Parameters: LSCINT.P

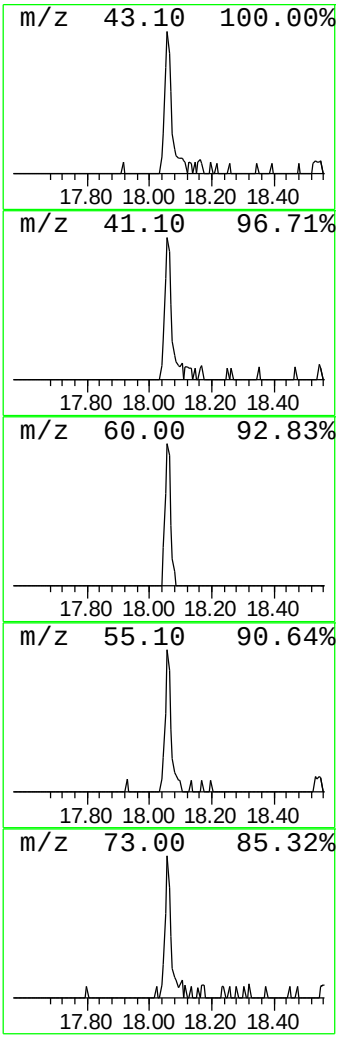
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	5.17 ng/ul	26145	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Instrument : BNA_M
ClientSampleId : C0AD9

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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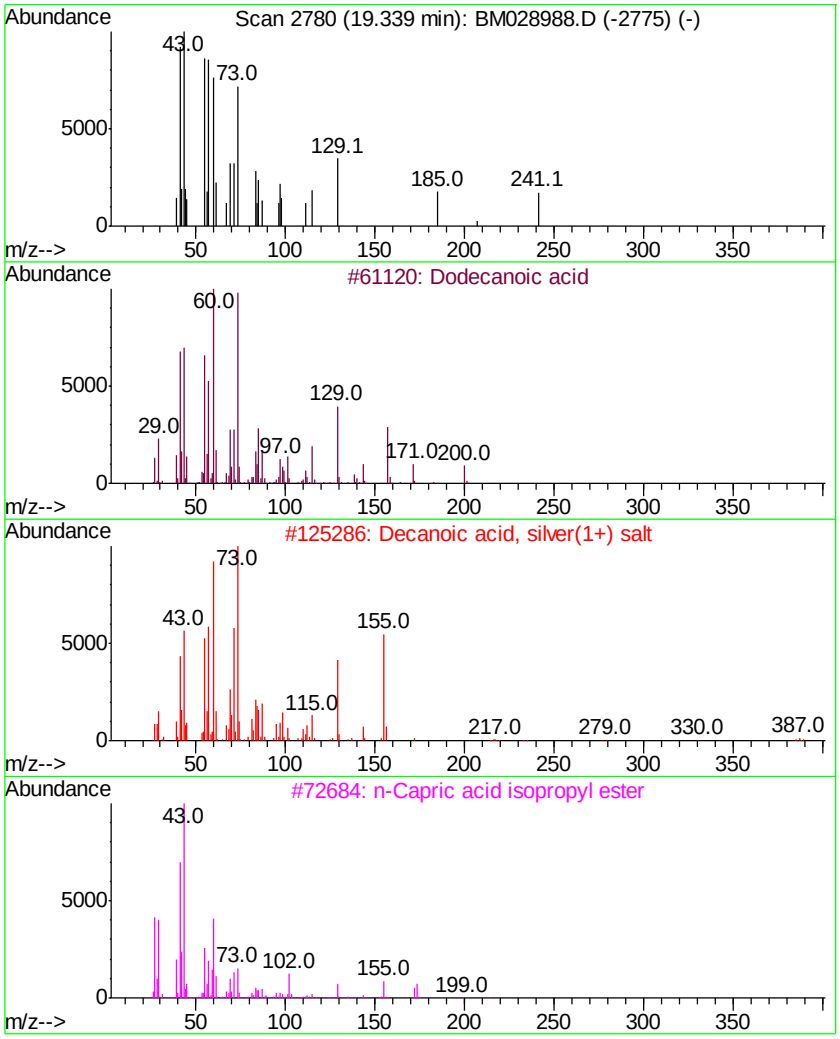
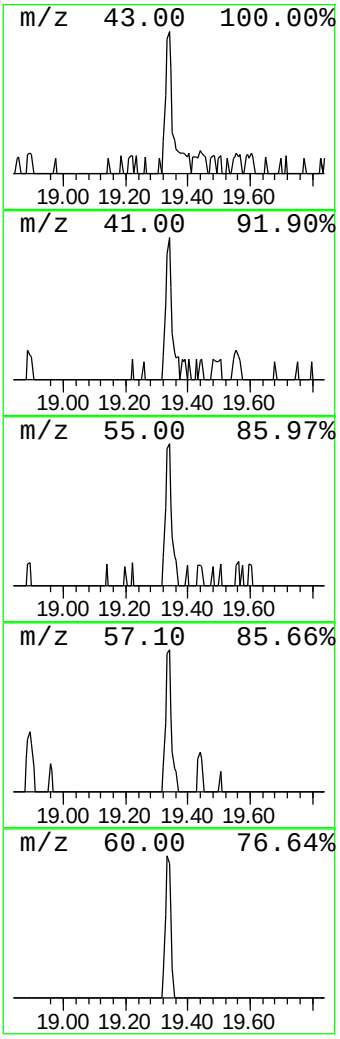
Peak Number 3 Dodecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	2.58 ng/ul	15790	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	50
2	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	47
3	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	43
4	n-Decanoic acid	172	C10H20O2	000334-48-5	43
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





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Quant Title : SVOA CALIBRATION

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

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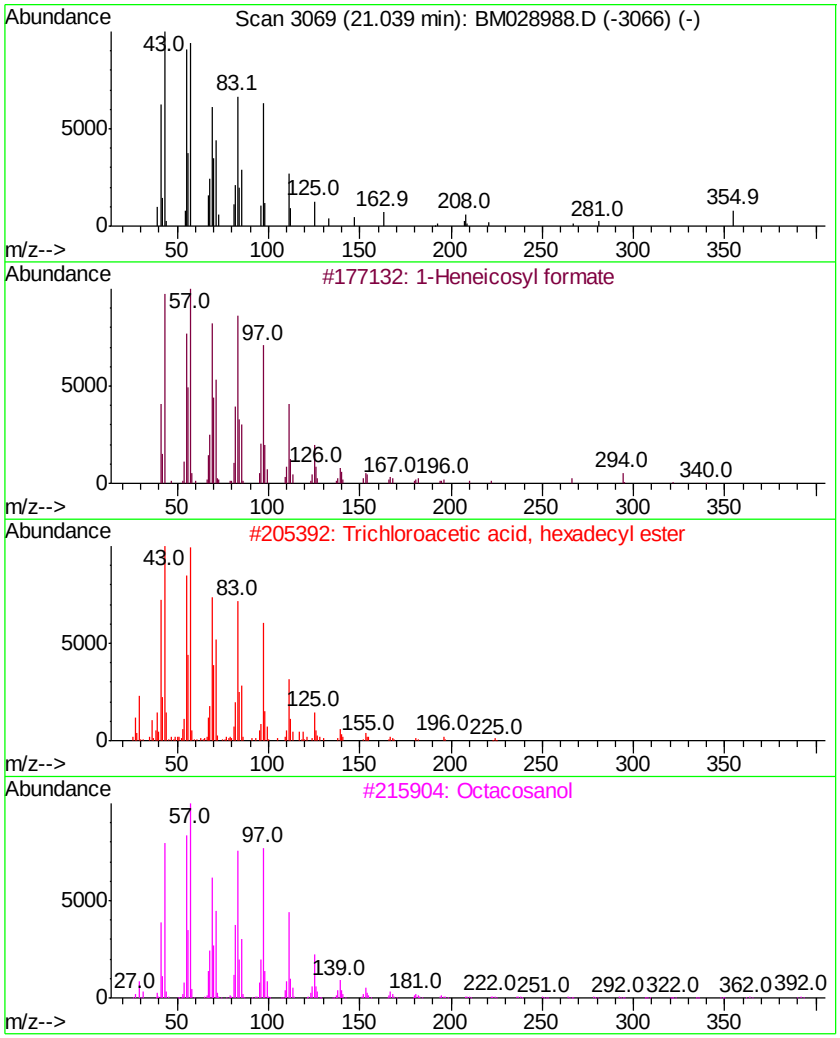
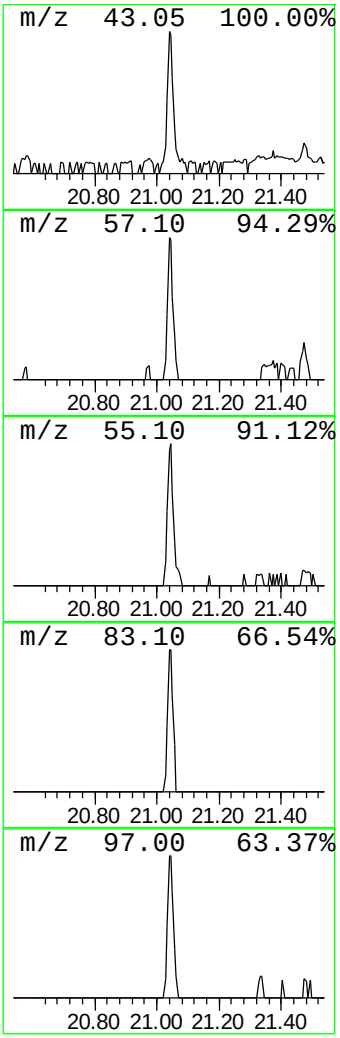
Peak Number 4 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	3.93 ng/ul	24049	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Octacosanol	410	C28H58O	000557-61-9	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





Tentatively Identified Compound (LSC) summary

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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
Phenol, 3,5-dichl...	13.16	2.7	ng/ul	11912	3	14.43	88520	20.0
n-Hexadecanoic acid	18.06	5.2	ng/ul	26145	4	17.17	101104	20.0
Dodecanoic acid	19.34	2.6	ng/ul	15790	5	21.33	122396	20.0
1-Heneicosyl formate	21.04	3.9	ng/ul	24049	5	21.33	122396	20.0