LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030533.D
Acq On : 23 Jun 2021 02:00
Operator : CG/JU
Sample : M2662-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGD92

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\SFAM-EPA-BM062221.M
Title : SVOA CALIBRATION

Signal : TIC: BM030533.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.281	30	33	41	rVB	19905	27834	1.32%	0.113%
2	3.722	105	108	118	rBV	48302	119058	5.63%	0.484%
3	3.922	138	142	148	rVV	17298	28787	1.36%	0.117%
4	3.975	149	151	153	rVV3	6624	7344	0.35%	0.030%
5	4.017	153	158	164	rVB	61995	96646	4.57%	0.393%
6	4.111	172	174	179	rVB5	5150	6691	0.32%	0.027%
7	4.387	217	221	225	rVV	26214	35535	1.68%	0.145%
8	4.464	231	234	240	rBV2	15557	26986	1.28%	0.110%
9	4.517	240	243	247	rVV2	22258	30746	1.45%	0.125%
10	4.569	247	252	258	rVB	85057	125966	5.96%	0.513%
11	4.769	280	286	289	rVB8	3077	5840	0.28%	0.024%
12	4.811	289	293	296	rBV5	4209	4736	0.22%	0.019%
13	4.928	308	313	322	rVV	18110	31465	1.49%	0.128%
14	5.052	330	334	340	rVB7	3173	6274	0.30%	0.026%
15	5.199	358	359	365	rVB6	3387	4414	0.21%	0.018%
16	5.328	377	381	390	rVB	48538	68231	3.23%	0.278%
17	5.458	397	403	412	rBV	142314	290982	13.76%	1.184%
18	5.534	414	416	423	rVB8	3569	4750	0.22%	0.019%
19	5.828	459	466	473	rVB	67831	104810	4.96%	0.427%
20	5.928	478	483	487	rBV6	3330	6483	0.31%	0.026%
21	6.199	527	529	534	rVB3	6919	9046	0.43%	0.037%
22	6.358	551	556	557	rBV5	3675	5171	0.24%	0.021%
23	6.428	563	568	572	rVB5	2206	3909	0.18%	0.016%
24	6.805	628	632	637	rBV4	5746	9200	0.44%	0.037%
25	6.975	653	661	678	rVB	269412	472846	22.37%	1.924%
26	7.140	683	689	698	rVV	221253	360852	17.07%	1.468%
27	7.234	701	705	710	rVB4	7277	12370	0.59%	0.050%
28	7.340	717	723	732	rVV	292973	465900	22.04%	1.896%
29	7.434	734	739	742	rVB7	4682	7141	0.34%	0.029%
30	7.705	783	785	789	rVV5	2646	3937	0.19%	0.016%
31	7.752	789	793	796	rVV5	4383	7946	0.38%	0.032%
32	7.805	796	802	810	rVV	575722	939403	44.44%	3.823%
33	7.875	810	814	819	rVB5	4990	10158	0.48%	0.041%
34	7.940	820	825	831	rVB4	4404	7545	0.36%	0.031%
35	8.034	837	841	849	rVB3	9334	17896	0.85%	0.073%
36	8.216	867	872	876	rBV6	2467	4066	0.19%	0.017%

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Title : SVOA CALIBRATION

37	8.293	881	885	890	rVB5	2681	4656	0.22%	0.019%
38	8.346	890	894	898	rBV3	6281	10409	0.49%	0.042%
39	8.510	911	922	934	rBV	323723	554331	26.22%	2.256%
40	8.628	938	942	948	rVV	22065	34161	1.62%	0.139%
41	8.716	953	957	961	rVB4	5152	7672	0.36%	0.031%
42	8.904	984	989	993	rVV	18187	29038	1.37%	0.118%
43	8.963	993	999	1010	rVB	254128	431924	20.43%	1.758%
44	9.128	1023	1027	1030	rBV5	3923	6417	0.30%	0.026%
45	9.381	1065	1070	1076	rVV4	5700	8420	0.40%	0.034%
46	9.487	1084	1088	1091	rVV4	3728	5955	0.28%	0.024%
47	9.681	1111	1121	1134	rBV	200095	344044	16.27%	1.400%
48	10.222	1204	1213	1225	rBV	285724	545345	25.80%	2.219%
49	10.416	1241	1246	1255	rBV4	13593	38421	1.82%	0.156%
50	10.598	1269	1277	1288	rVB	793057	1377384	65.15%	5.605%
51	10.734	1292	1300	1316	rBV	183815	371404	17.57%	1.511%
52	11.128	1361	1367	1371	rBV3	4849	8454	0.40%	0.034%
53	11.863	1489	1492	1499	rVB4	5367	9992	0.47%	0.041%
54	12.187	1542	1547	1552	rBV3	5702	8276	0.39%	0.034%
55	12.975	1676	1681	1686	rBV7	2536	5219	0.25%	0.021%
56	13.051	1689	1694	1699	rVB8	2747	5377	0.25%	0.022%
57	13.263	1724	1730	1737	rBV	18223	26600	1.26%	0.108%
58	13.769	1811	1816	1819	rBV5	4298	6285	0.30%	0.026%
59	13.845	1822	1829	1839	rBV	596611	844427	39.94%	3.436%
60	13.922	1839	1842	1846	rVB6	7064	9495	0.45%	0.039%
61	13.963	1846	1849	1855	rVB5	4524	7933	0.38%	0.032%
62	14.039	1857	1862	1865	rVB7	3452	4815	0.23%	0.020%
63	14.128	1865	1877	1884	rBV	675803	1003157	47.45%	4.082%
64	14.339	1908	1913	1917	rVB	28541	35602	1.68%	0.145%
65	14.439	1923	1930	1940	rVB	1230069	1896813	89.73%	7.719%
66	14.551	1946	1949	1955	rVB4	5552	8079	0.38%	0.033%
67	14.645	1955	1965	1979	rBV	85666	215082	10.17%	0.875%
68	14.863	1996	2002	2012	rVB	55726	93313	4.41%	0.380%
69	14.951	2015	2017	2024	rVB7	4784	8935	0.42%	0.036%
70	15.257	2066	2069	2071	rVV5	4349	5521	0.26%	0.022%
71	15.286	2071	2074	2081	rVB2	18229	25463	1.20%	0.104%
72	15.428	2091	2098	2106	rBV	919232	1308213	61.88%	5.324%
73	15.545	2113	2118	2124	rBV2	134802	249004	11.78%	1.013%
74	15.669	2135	2139	2146	rVB5	12041	21204	1.00%	0.086%
75	15.845	2164	2169	2174	rVV	260701	327760	15.50%	1.334%
76	15.904	2177	2179	2183	rVB4	3162	3824	0.18%	0.016%

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77	16.110	2211	2214	2216	rBV4	3765	4717	0.22%	0.019%
78	16.145	2216	2220	2225	rVV2	10947	14805	0.70%	0.060%
79	16.475	2273	2276	2277	rBV3	3911	4387	0.21%	0.018%
80	16.492	2277	2279	2282	rVB4	3559	4575	0.22%	0.019%
81	16.657	2304	2307	2309	rBV3	4026	4801	0.23%	0.020%
82	16.939	2348	2355	2358	rBV	31677	56850	2.69%	0.231%
83	17.175	2389	2395	2402	rBV	1544932	2114019	100.00%	8.603%
84	17.275	2406	2412	2421	rVV	943251	1395377	66.01%	5.678%
85	17.369	2424	2428	2432	rVV6	21397	30916	1.46%	0.126%
86	17.674	2476	2480	2484	rBV	43576	52939	2.50%	0.215%
87	17.845	2506	2509	2514	rVB5	19251	27875	1.32%	0.113%
88	18.069	2543	2547	2551	rBV	41039	61635	2.92%	0.251%
89	18.304	2585	2587	2593	rVB2	23940	30841	1.46%	0.126%
90	18.363	2593	2597	2607	rBV	50495	76577	3.62%	0.312%
91	18.504	2618	2621	2627	rVB	26736	36667	1.73%	0.149%
92	18.992	2701	2704	2711	rBV2	60508	104636	4.95%	0.426%
93	19.563	2795	2801	2808	rBV	867162	1298699	61.43%	5.285%
94	20.551	2965	2969	2973	rBV	790358	863799	40.86%	3.515%
95	21.057	3051	3055	3058	rBV2	151346	192637	9.11%	0.784%
96	21.257	3085	3089	3095	rVB	244235	286583	13.56%	1.166%
97	21.339	3098	3103	3111	rBV	1448224	1890239	89.41%	7.692%
98	22.186	3245	3247	3253	rVB	158941	199231	9.42%	0.811%
99	23.462	3460	3464	3473	rVB3	330223	722271	34.17%	2.939%
100	23.609	3483	3489	3502	rVB2	945837	1819220	86.06%	7.403%

Sum of corrected areas: 24573684

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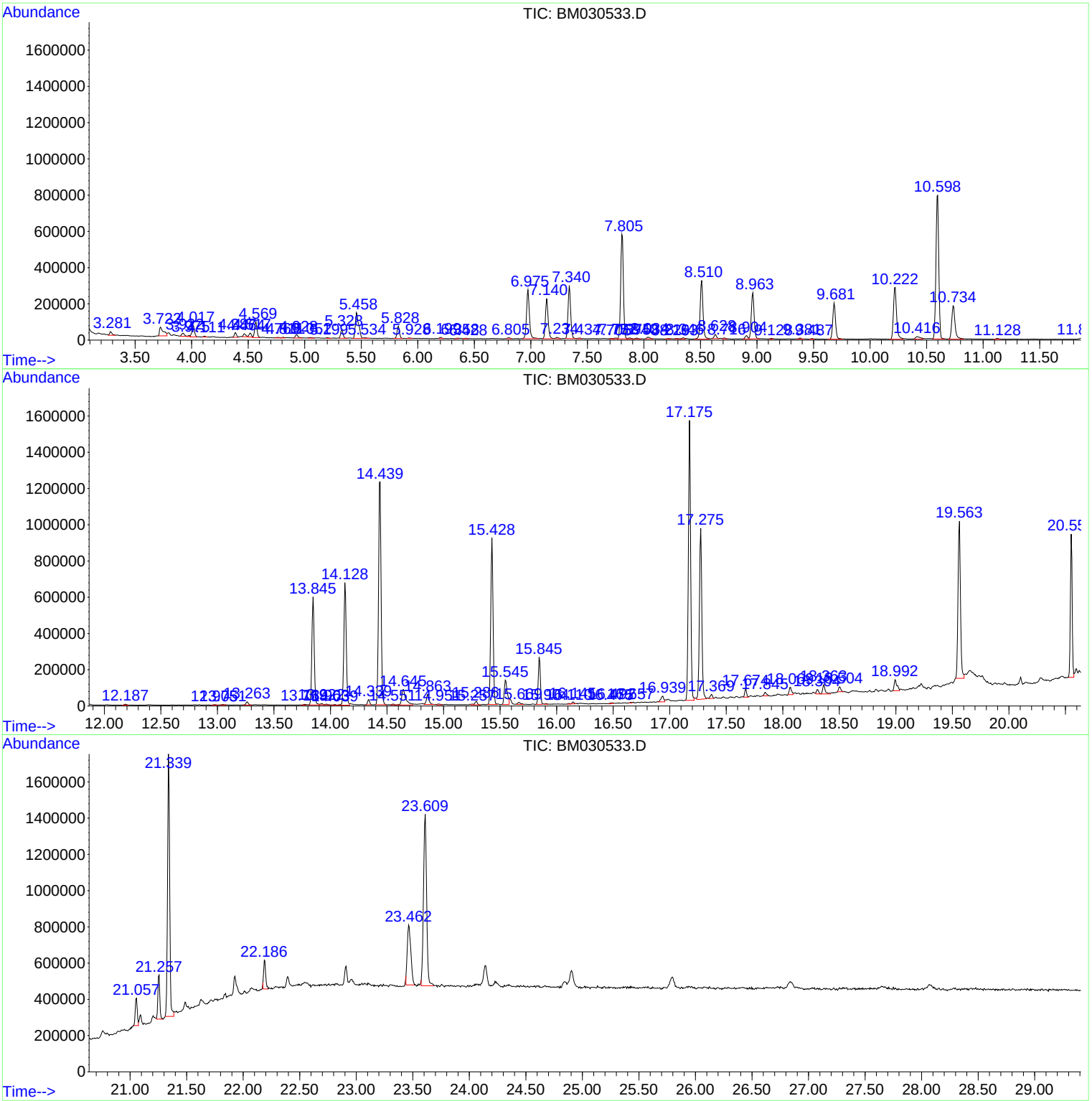
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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



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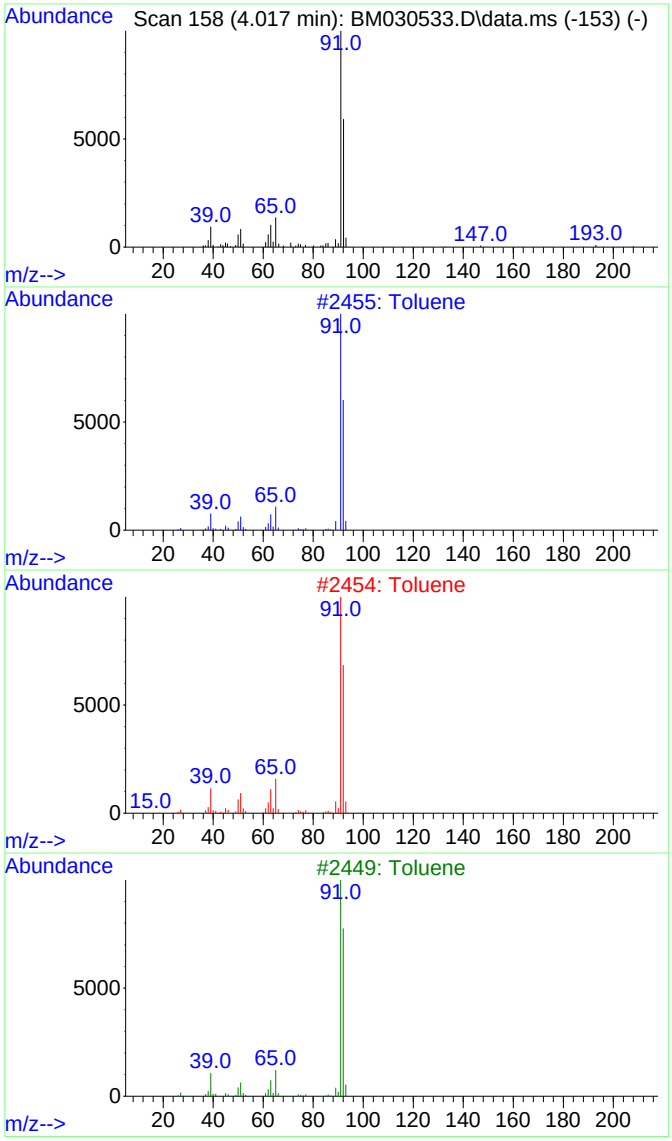
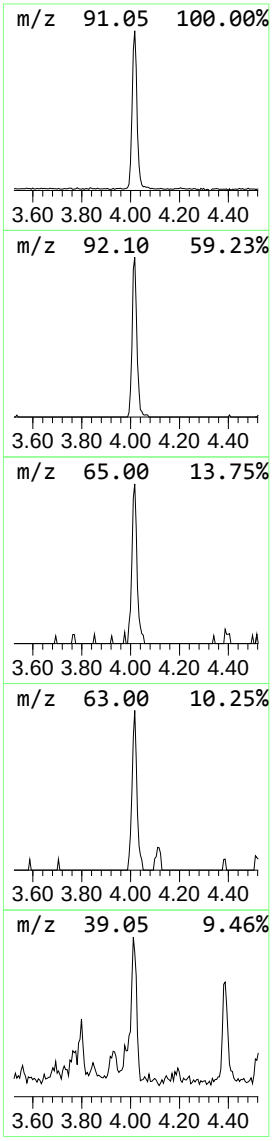
****
Peak Number 1 Toluene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.020	2.06 ng/ul	96646	1,4-Dichlorobenzene-d4	7.805

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	Toluene	92	C7H8	000108-88-3	90
3	Toluene	92	C7H8	000108-88-3	90
4	Toluene	92	C7H8	000108-88-3	90
5	Toluene	92	C7H8	000108-88-3	87





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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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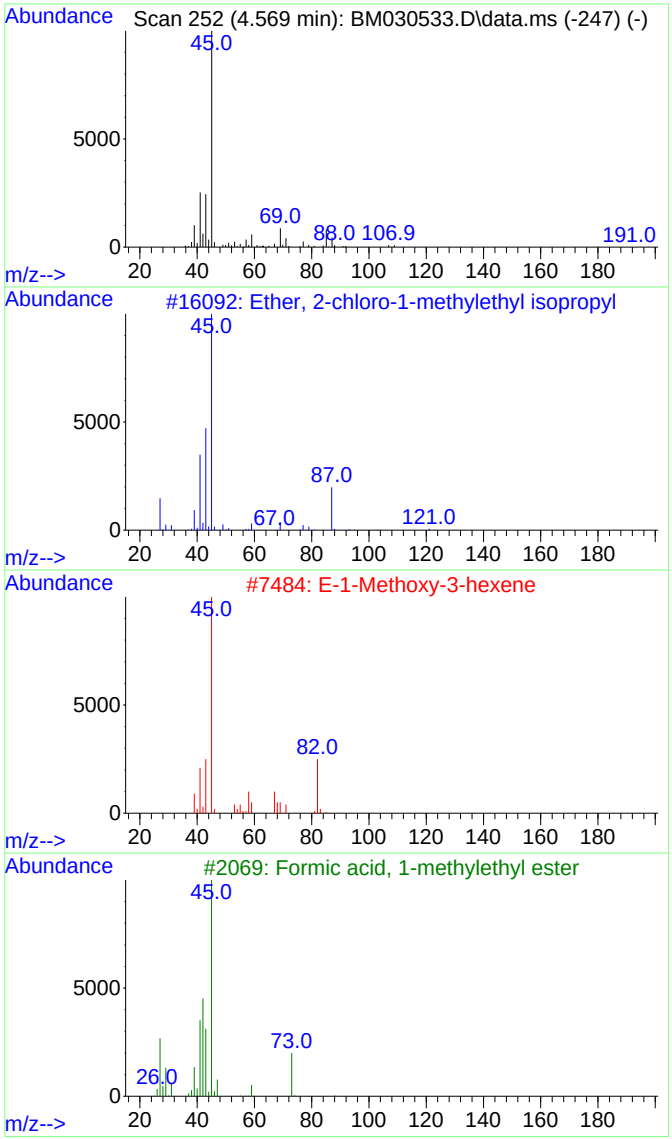
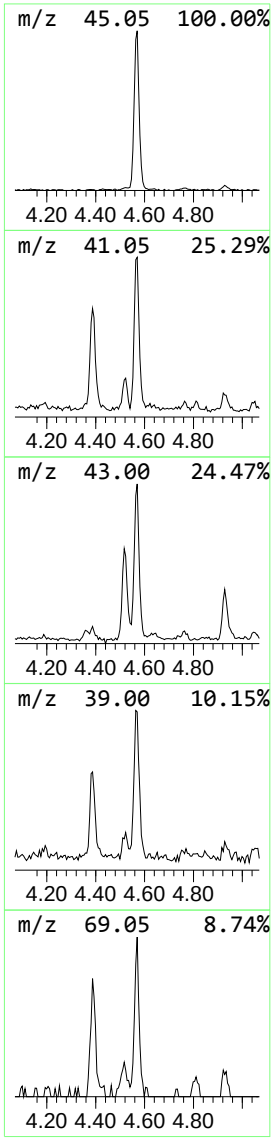
****
Peak Number 2 Ether, 2-chloro-1-methyleth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.570	2.68 ng/ul	125966	1,4-Dichlorobenzene-d4	7.805

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, 2-chloro-1-methylethyl is...	136	C6H13ClO	098277-76-0	50
2	E-1-Methoxy-3-hexene	114	C7H14O	121441-40-5	50
3	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	45
4	Propanal, 3-methoxy-	88	C4H8O2	002806-84-0	45
5	3-Ethyl-2-pentanol	116	C7H16O	000609-27-8	40





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TIC Library : C:\DATABASE\NIST11.L
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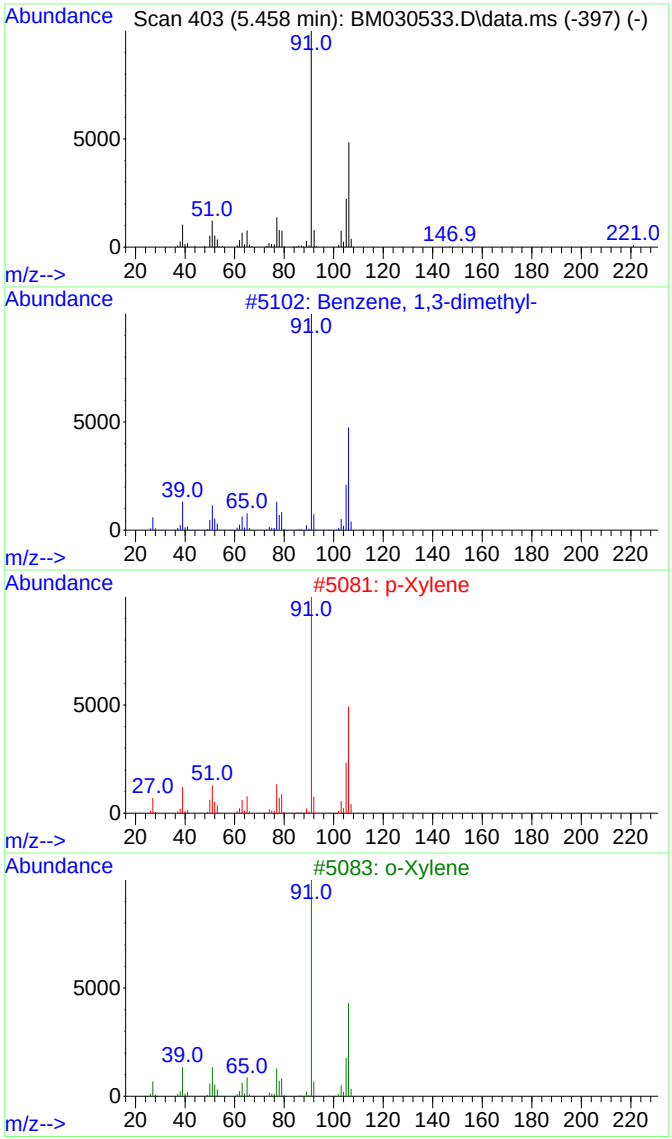
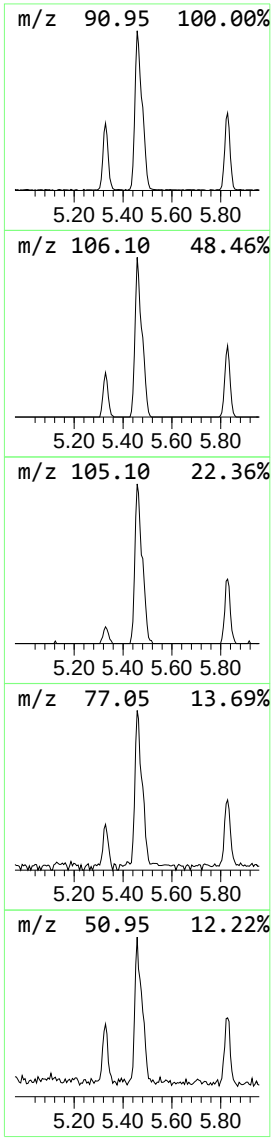
****
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.460	6.20 ng/ul	290982	1,4-Dichlorobenzene-d4	7.805

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	p-Xylene	106	C8H10	000106-42-3	95





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Quant Title : SVOA CALIBRATION

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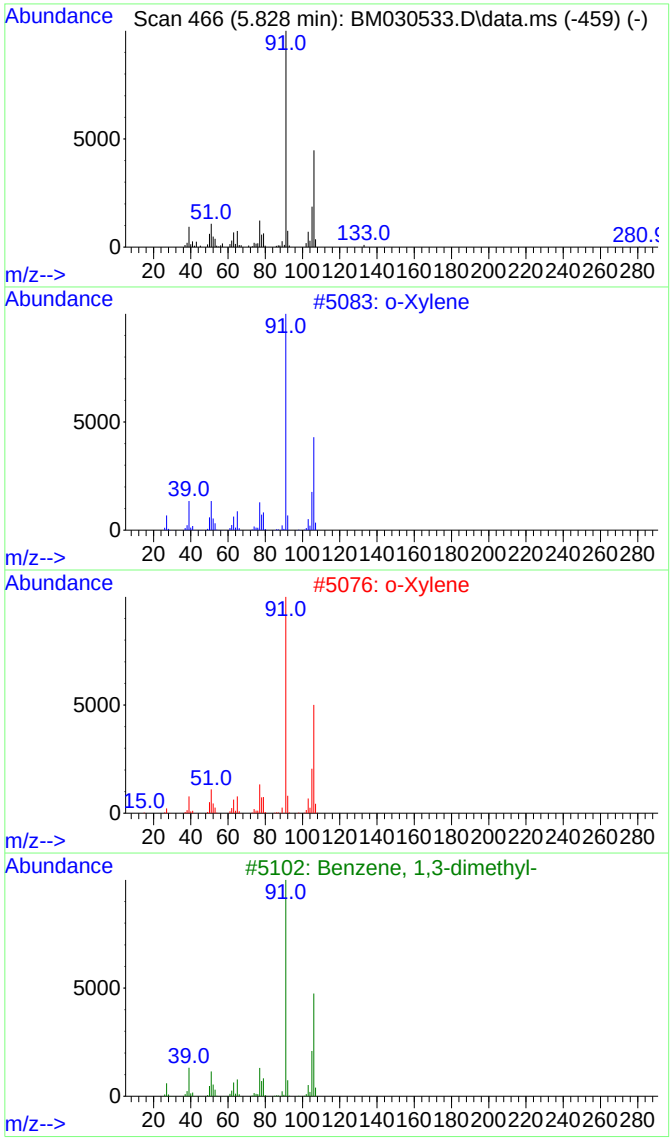
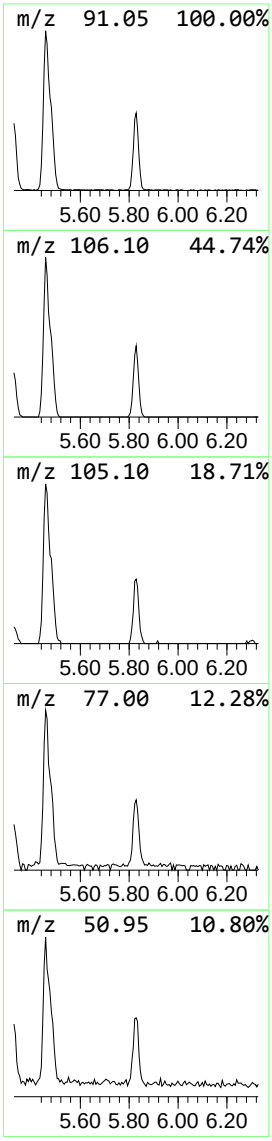
****

Peak Number 4 o-Xylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.830	2.23 ng/ul	104810	1,4-Dichlorobenzene-d4	7.805

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	o-Xylene	106	C8H10	000095-47-6	94





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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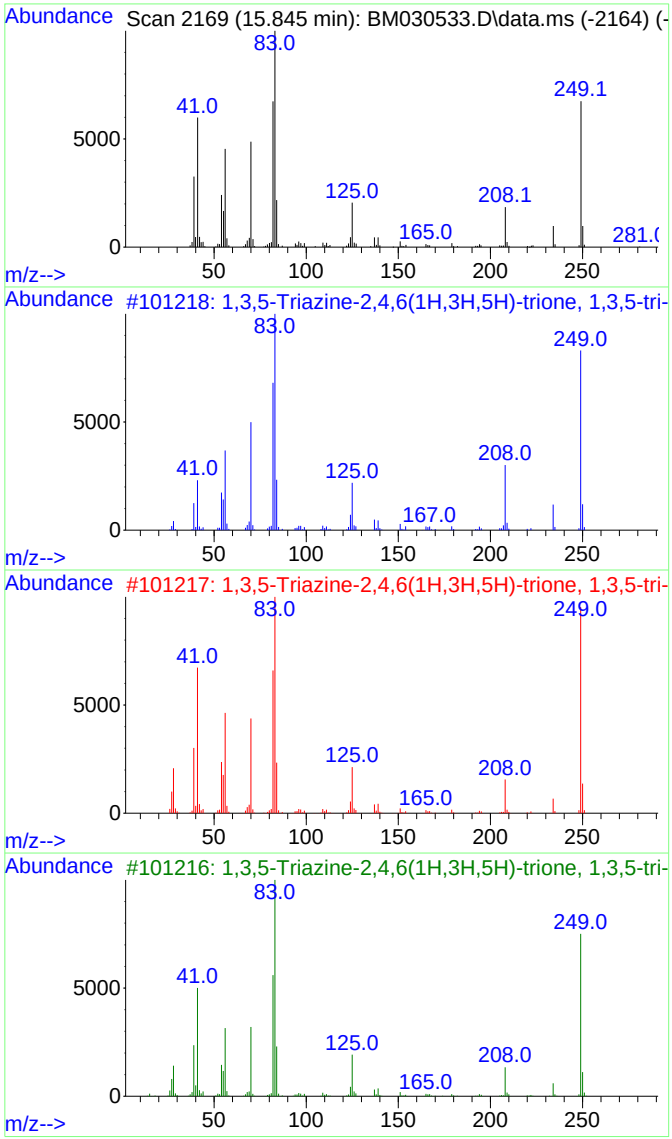
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

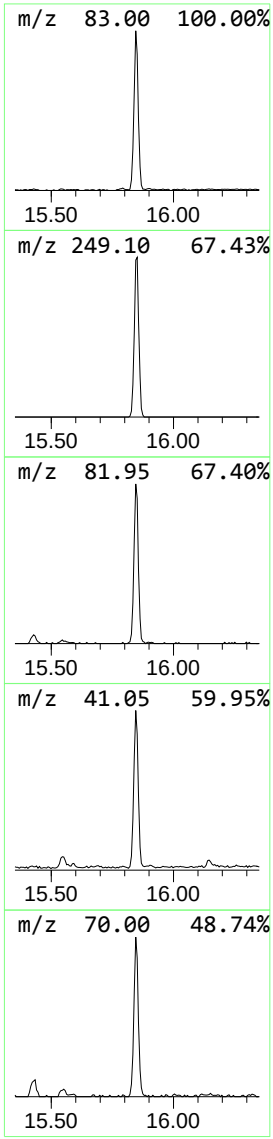
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,3,5-Triazine-2,4,6(1H,3H,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.850	3.10 ng/ul	327760	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	99
2	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	97
3	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	95
4	4H-1-Benzopyran-2-carboxylic aci...	249	C12H11NO5	032142-43-1	43
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030533.D
Acq On : 23 Jun 2021 02:00
Operator : CG/JU
Sample : M2662-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGD92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

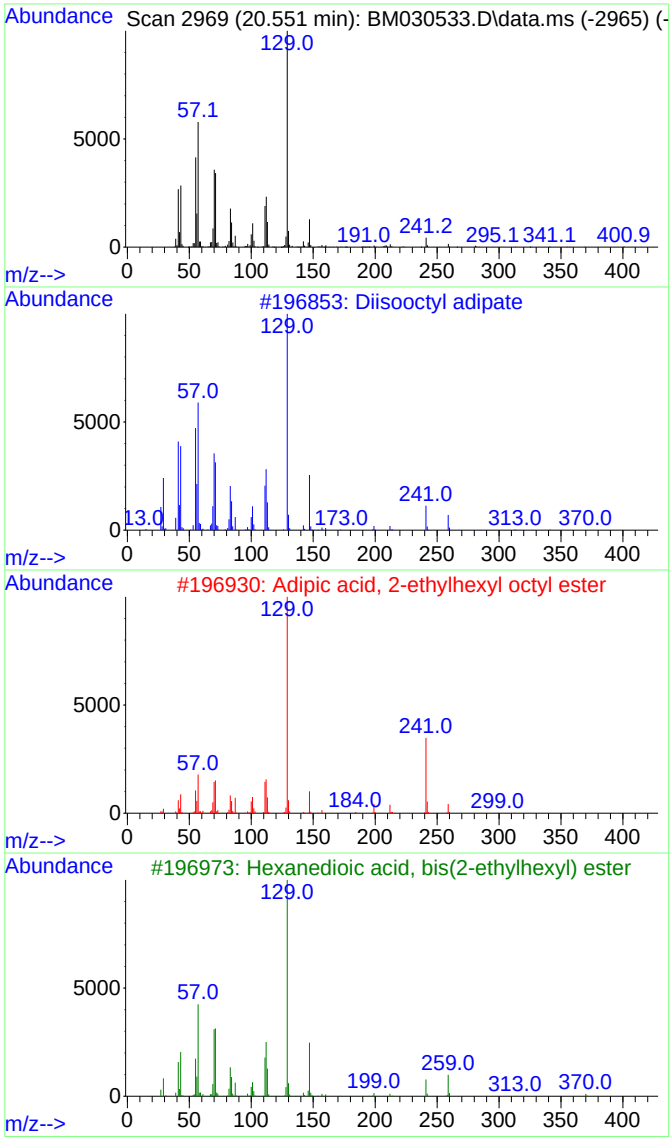
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

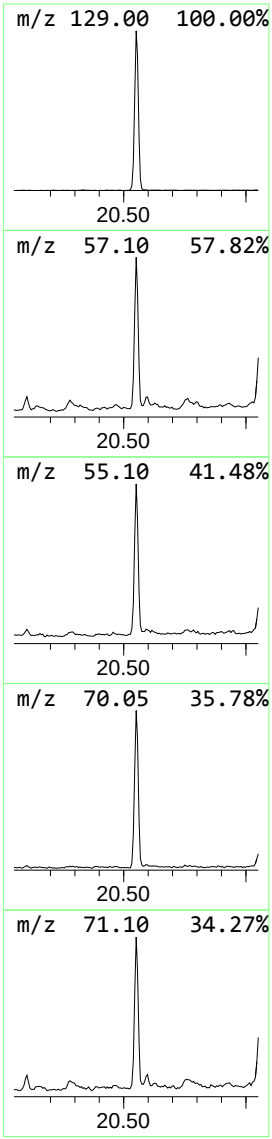
****

Peak Number 6 Diisooctyl adipate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.550	9.14 ng/ul	863799	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisooctyl adipate	370	C22H42O4	001330-86-5	87
2	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	80
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	78
4	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	64
5	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030533.D
Acq On : 23 Jun 2021 02:00
Operator : CG/JU
Sample : M2662-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGD92

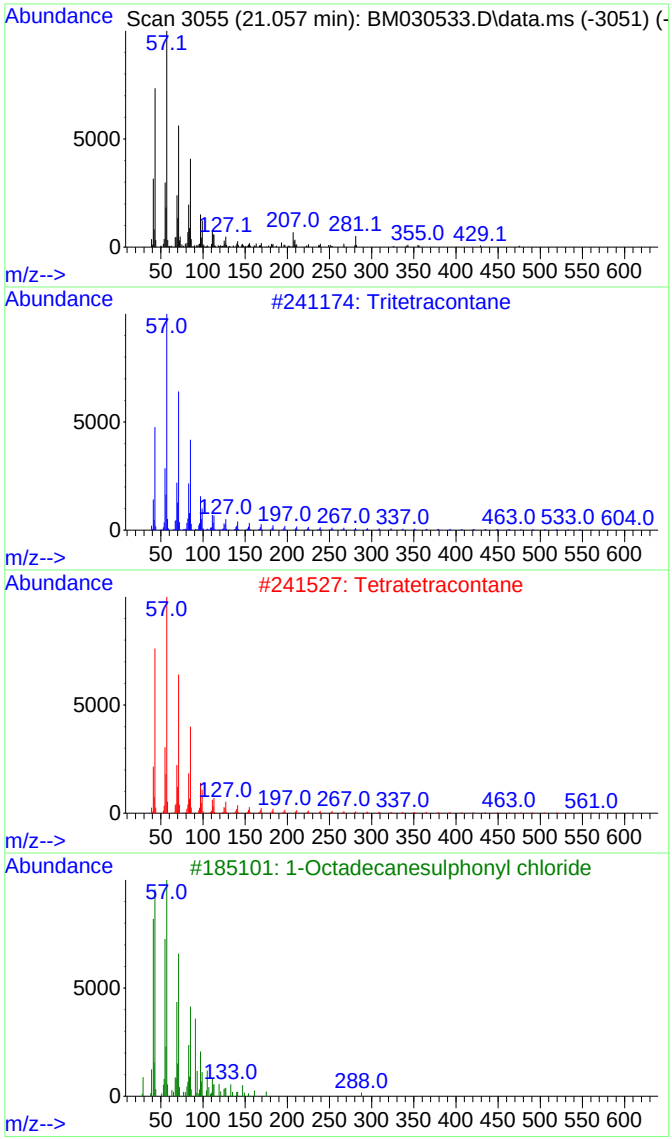
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

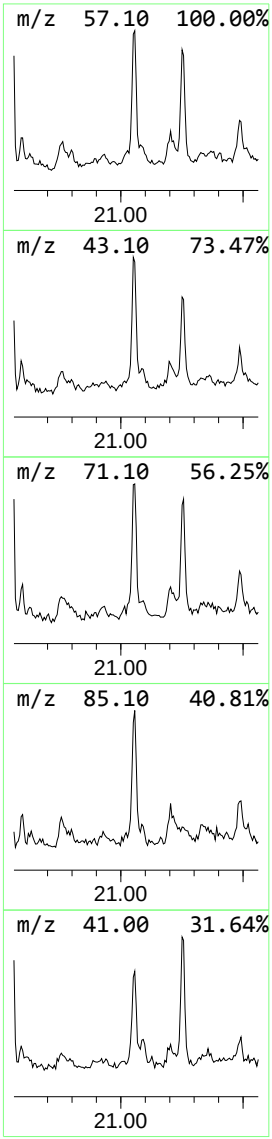
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.060	2.04 ng/ul	192637	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	90
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	87
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
5	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030533.D
Acq On : 23 Jun 2021 02:00
Operator : CG/JU
Sample : M2662-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGD92

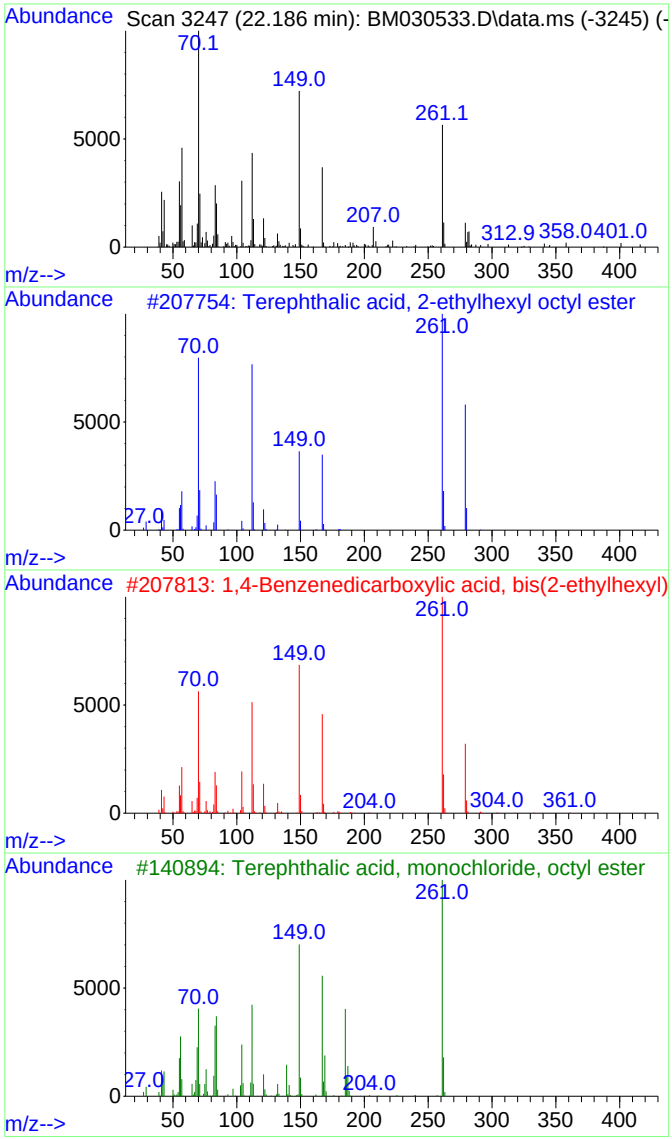
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

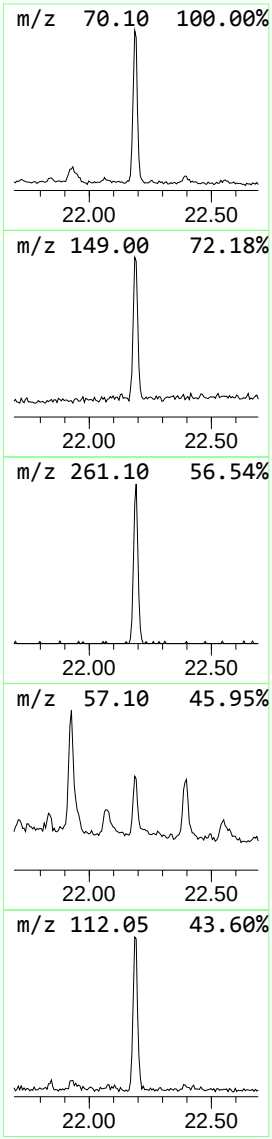
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Terephthalic acid, 2-ethylh... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.190	2.11 ng/ul	199231	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	64
2	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	59
3	Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	47
4	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	47
5	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030533.D
Acq On : 23 Jun 2021 02:00
Operator : CG/JU
Sample : M2662-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGD92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.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	4.020	2.1	ng/ul	96646	1	7.805	939403	20.0
Ether, 2-chloro...	4.570	2.7	ng/ul	125966	1	7.805	939403	20.0
Benzene, 1,3-di...	5.460	6.2	ng/ul	290982	1	7.805	939403	20.0
o-Xylene	5.830	2.2	ng/ul	104810	1	7.805	939403	20.0
1,3,5-Triazine-...	15.850	3.1	ng/ul	327760	4	17.174	2114020	20.0
Diisooctyl adipate	20.550	9.1	ng/ul	863799	5	21.339	1890240	20.0
(DEL) Alkane: S...	21.060	2.0	ng/ul	192637	5	21.339	1890240	20.0
Terephthalic ac...	22.190	2.1	ng/ul	199231	5	21.339	1890240	20.0