LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030528.D
Acq On : 22 Jun 2021 22:58
Operator : CG/JU
Sample : M2662-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDH5

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: BM030528.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.287	30	34	40	rVB	20062	30558	0.37%	0.087%
2	3.722	105	108	114	rBV	53770	105769	1.27%	0.302%
3	3.846	126	129	138	rVB9	8193	15702	0.19%	0.045%
4	3.922	138	142	148	rVV2	17525	33225	0.40%	0.095%
5	3.975	148	151	153	rVV4	8115	10534	0.13%	0.030%
6	4.016	153	158	165	rVB	74948	113599	1.37%	0.324%
7	4.116	171	175	182	rVB7	6773	12989	0.16%	0.037%
8	4.181	184	186	194	rVB7	5977	9199	0.11%	0.026%
9	4.387	216	221	227	rVB	29024	41721	0.50%	0.119%
10	4.516	239	243	247	rBV	22918	31212	0.38%	0.089%
11	4.569	247	252	260	rVB	87004	125246	1.51%	0.358%
12	4.928	309	313	326	rVB	23163	43462	0.52%	0.124%
13	5.328	377	381	388	rVB	50349	75219	0.91%	0.215%
14	5.458	397	403	412	rBV	147324	312184	3.76%	0.892%
15	5.828	461	466	476	rBV	75981	113015	1.36%	0.323%
16	5.928	478	483	490	rBV4	4442	10931	0.13%	0.031%
17	6.205	527	530	536	rVB4	5871	8892	0.11%	0.025%
18	6.804	628	632	638	rVB3	5781	9750	0.12%	0.028%
19	6.975	651	661	678	rBV	318931	547263	6.59%	1.563%
20	7.140	682	689	701	rBV	257590	431226	5.19%	1.232%
21	7.240	701	706	713	rVB6	7444	15217	0.18%	0.043%
22	7.340	717	723	731	rBV	335730	556428	6.70%	1.589%
23	7.810	796	803	810	rVV	584145	935449	11.26%	2.672%
24	7.875	810	814	819	rVB3	11823	18757	0.23%	0.054%
25	8.040	837	842	850	rVB3	10810	23371	0.28%	0.067%
26	8.351	888	895	901	rBV3	6876	13571	0.16%	0.039%
27	8.510	914	922	937	rBV	381756	640498	7.71%	1.829%
28	8.634	937	943	949	rVV	21829	34096	0.41%	0.097%
29	8.910	984	990	993	rBV	19611	32724	0.39%	0.093%
30	8.963	993	999	1009	rVB	300766	507955	6.12%	1.451%
31	9.128	1019	1027	1035	rVB9	4067	11684	0.14%	0.033%
32	9.375	1063	1069	1075	rBV5	6250	11221	0.14%	0.032%
33	9.687	1115	1122	1136	rBV	230138	405860	4.89%	1.159%
34	10.222	1204	1213	1226	rBV	353118	643481	7.75%	1.838%
35	10.410	1239	1245	1251	rBV3	19774	50870	0.61%	0.145%
36	10.598	1268	1277	1290	rVB	822812	1376433	16.57%	3.931%

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Instrument : BNA_M
ClientSampleId : BGDH5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Title : SVOA CALIBRATION

37	10.734	1293	1300	1316	rBV	257055	498916	6.01%	1.425%
38	12.192	1540	1548	1553	rVB2	6747	11909	0.14%	0.034%
39	13.263	1724	1730	1735	rBV	20585	32109	0.39%	0.092%
40	13.757	1809	1814	1818	rBV4	5478	10044	0.12%	0.029%
41	13.845	1823	1829	1839	rVV	683772	996114	11.99%	2.845%
42	13.922	1839	1842	1846	rVB5	6524	9239	0.11%	0.026%
43	14.133	1866	1878	1895	rBV	760527	1185056	14.27%	3.384%
44	14.339	1908	1913	1919	rBV2	31589	42702	0.51%	0.122%
45	14.439	1921	1930	1938	rVV	1289127	1888371	22.74%	5.393%
46	14.504	1938	1941	1947	rVB2	9427	13750	0.17%	0.039%
47	14.645	1959	1965	1980	rBV	116129	263950	3.18%	0.754%
48	14.804	1986	1992	1995	rBV7	5785	10770	0.13%	0.031%
49	14.863	1995	2002	2013	rVB2	61084	107069	1.29%	0.306%
50	15.257	2062	2069	2071	rBV6	4765	10089	0.12%	0.029%
51	15.286	2071	2074	2080	rVB	21047	27108	0.33%	0.077%
52	15.427	2092	2098	2112	rBV	1064751	1548502	18.65%	4.422%
53	15.545	2113	2118	2124	rBV2	176233	313434	3.77%	0.895%
54	15.675	2133	2140	2147	rVB7	13822	26820	0.32%	0.077%
55	15.786	2155	2159	2163	rBV7	4429	8359	0.10%	0.024%
56	15.851	2164	2170	2177	rBV	274637	363775	4.38%	1.039%
57	16.145	2217	2220	2228	rVV3	13916	22091	0.27%	0.063%
58	16.669	2302	2309	2312	rBV7	5454	13580	0.16%	0.039%
59	16.939	2348	2355	2358	rBV	36005	60497	0.73%	0.173%
60	17.174	2389	2395	2401	rBV	1458123	2154041	25.94%	6.152%
61	17.274	2406	2412	2423	rVV	1141061	1632926	19.66%	4.663%
62	17.369	2425	2428	2433	rVB5	25148	35918	0.43%	0.103%
63	17.674	2476	2480	2484	rBV	41993	53442	0.64%	0.153%
64	17.845	2506	2509	2515	rVB2	34410	43814	0.53%	0.125%
65	18.063	2543	2546	2551	rBV2	52007	79706	0.96%	0.228%
66	18.304	2585	2587	2593	rVB3	26339	34847	0.42%	0.100%
67	18.363	2594	2597	2601	rVV	50610	58784	0.71%	0.168%
68	18.498	2615	2620	2627	rBV	574011	795556	9.58%	2.272%
69	18.998	2701	2705	2712	rBV	62649	117415	1.41%	0.335%
70	19.227	2741	2744	2748	rVB	50306	64705	0.78%	0.185%
71	19.562	2796	2801	2810	rVB2	1075702	1561775	18.81%	4.460%
72	20.557	2965	2970	2975	rBV	7819699	8304743	100.00%	23.718%
73	21.057	3052	3055	3058	rBV	63070	71751	0.86%	0.205%
74	21.256	3085	3089	3094	rVB	295986	317697	3.83%	0.907%
75	21.345	3099	3104	3113	rVV	1467103	1998620	24.07%	5.708%
76	22.192	3245	3248	3258	rVB	188604	218729	2.63%	0.625%

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77	23.468	3460	3465	3475	rVB2	426683	896671	10.80%	2.561%
78	23.609	3484	3489	3498	rVB2	945675	1750478	21.08%	4.999%

Sum of corrected areas: 35015183

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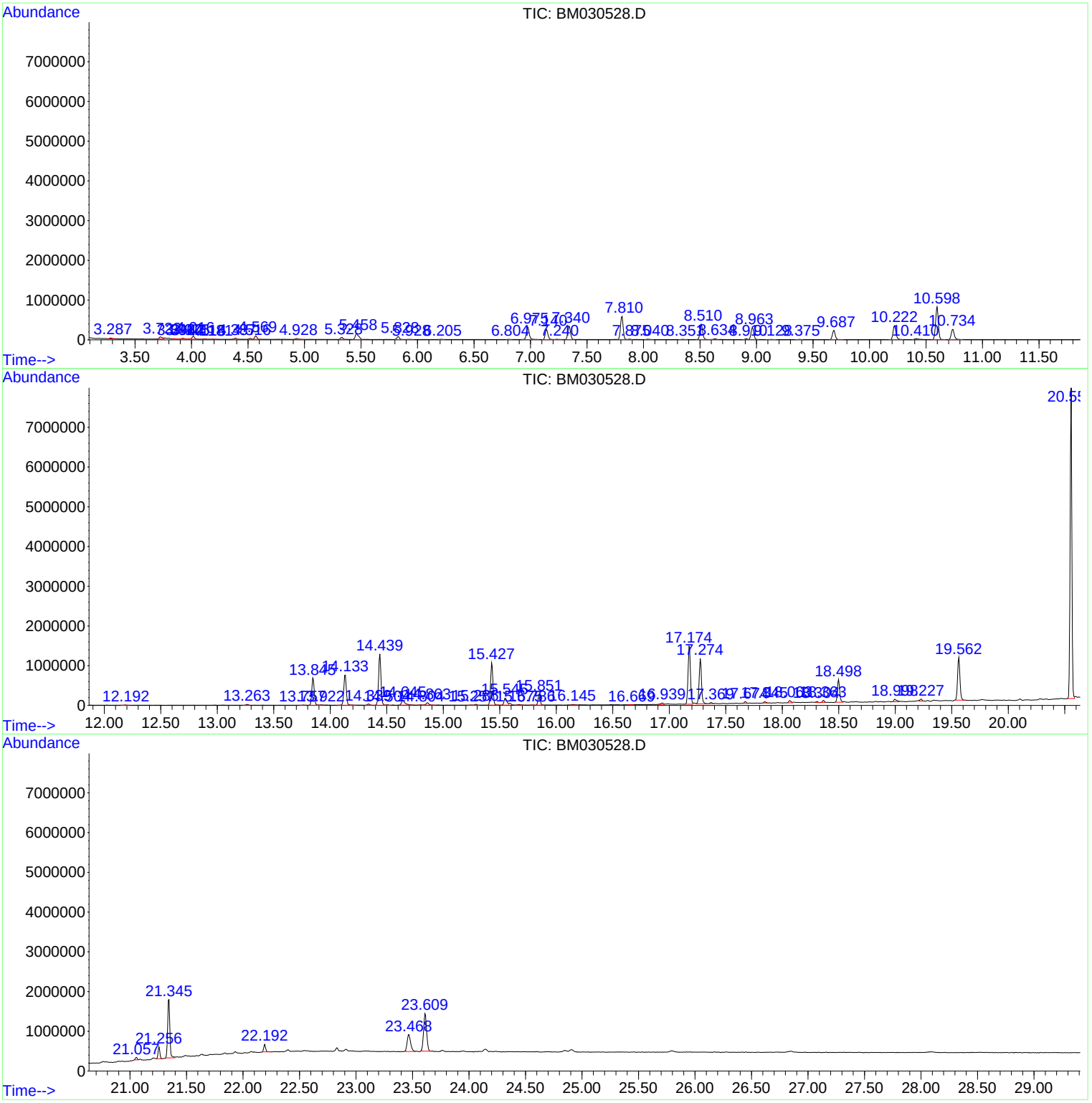
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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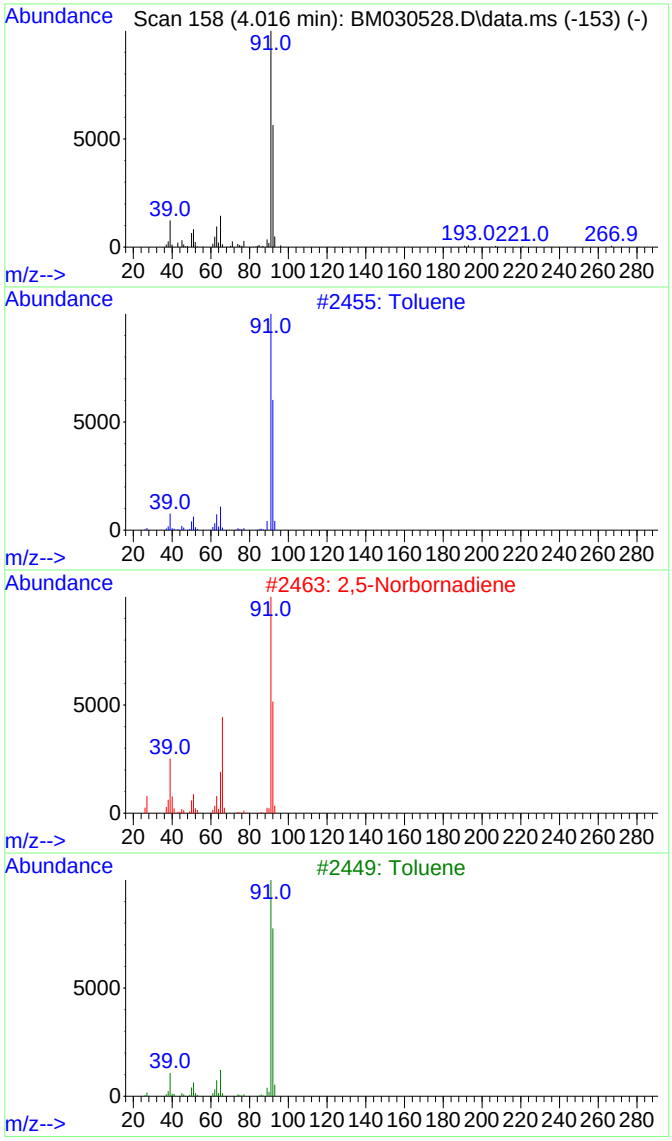
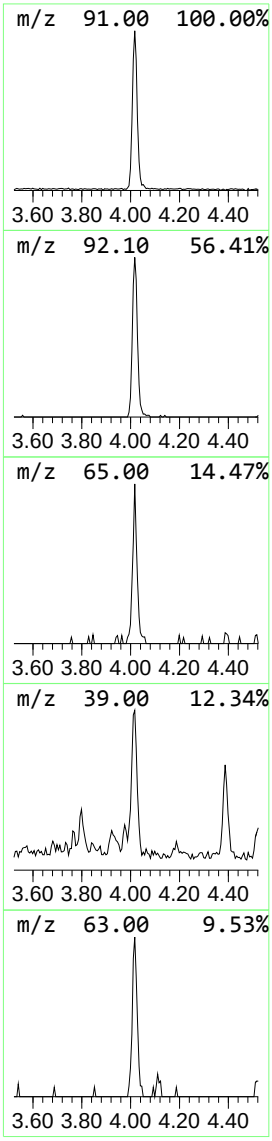
Peak Number 1 Toluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.020	2.43 ng/ul	113599	1,4-Dichlorobenzene-d4	7.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	91
2	2,5-Norbornadiene	92	C7H8	000121-46-0	91
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	90
5	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	87





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Quant Title : SVOA CALIBRATION

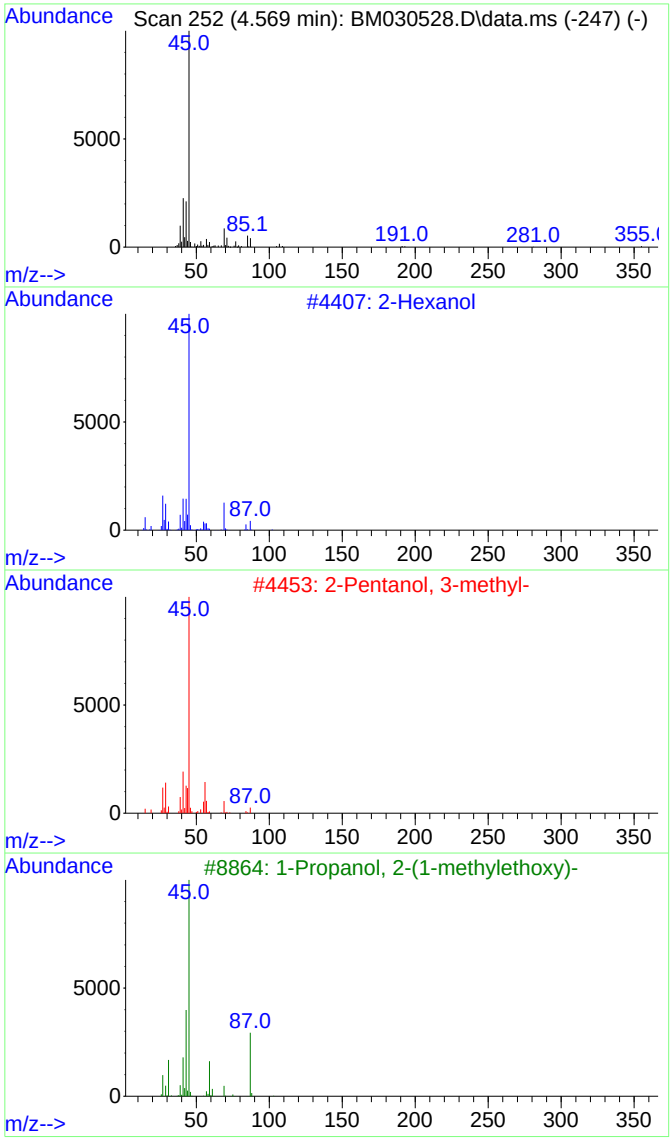
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

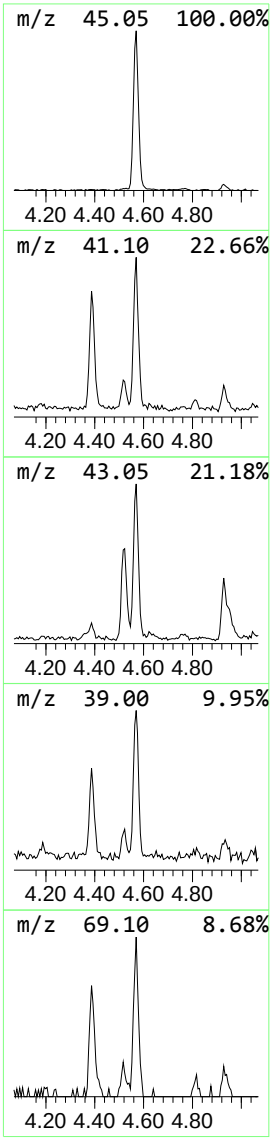
****

Peak Number 2 2-Hexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.570	2.68 ng/ul	125246	1,4-Dichlorobenzene-d4	7.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	50
2	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	50
3	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	50
4	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	42
5	2-Heptanol, 4-methyl-	130	C8H18O	056298-90-9	40





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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

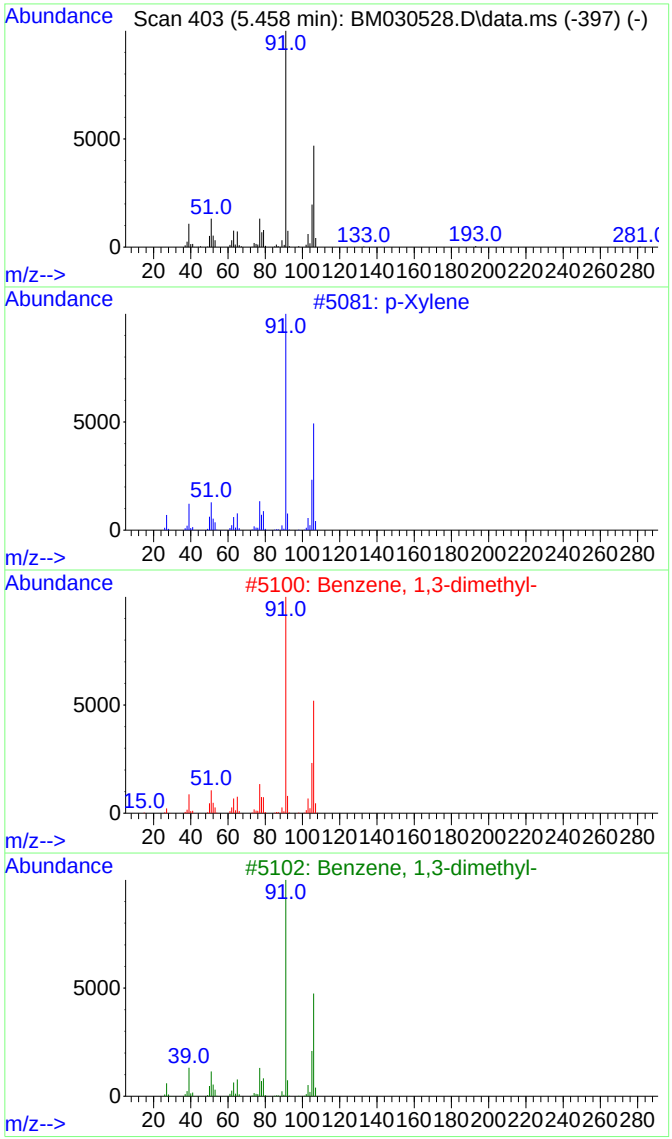
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

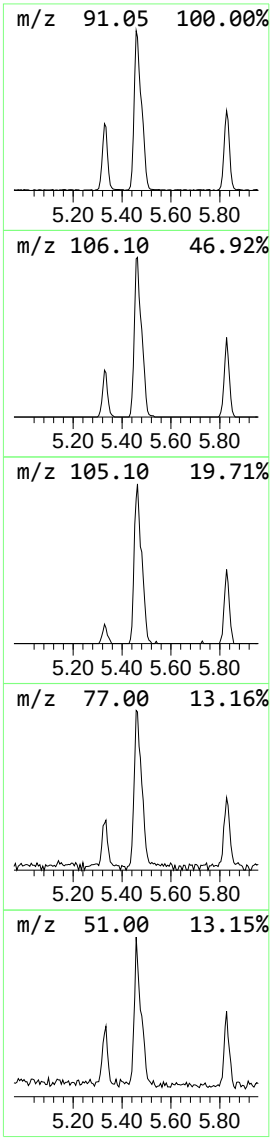
****

Peak Number 3 p-Xylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.460	6.67 ng/ul	312184	1,4-Dichlorobenzene-d4	7.810

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





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Quant Title : SVOA CALIBRATION

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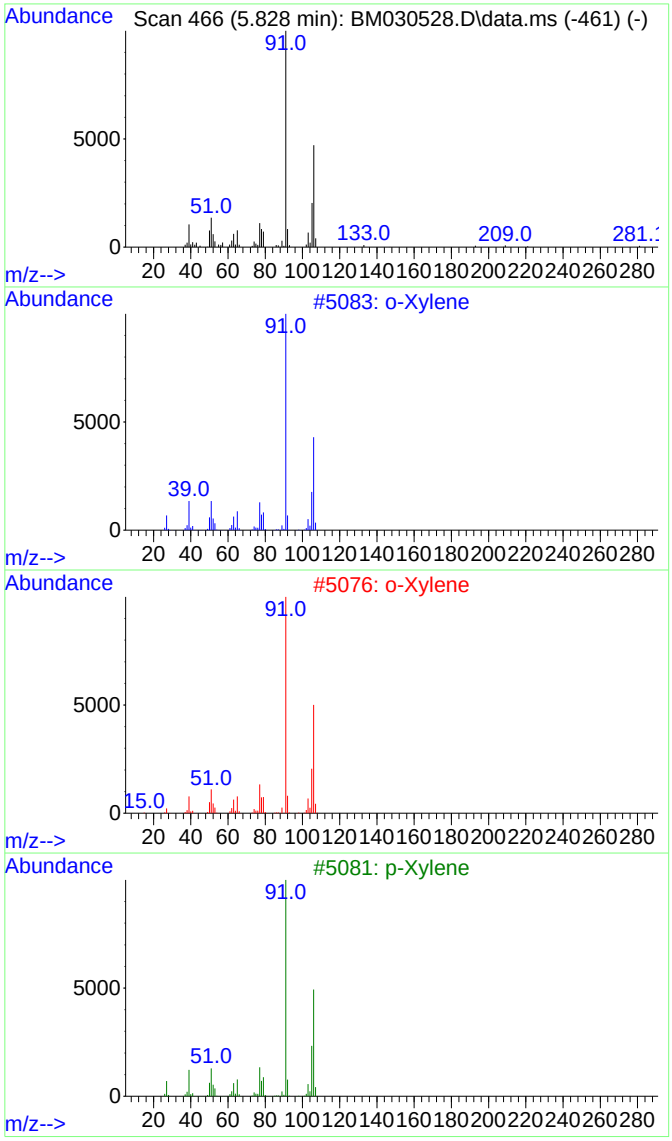
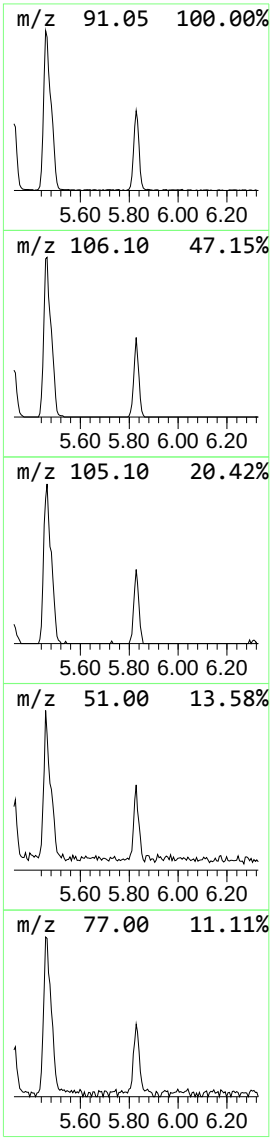
****

Peak Number 4 o-Xylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.830	2.42 ng/ul	113015	1,4-Dichlorobenzene-d4	7.810

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	p-Xylene	106	C8H10	000106-42-3	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97





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Instrument : BNA_M
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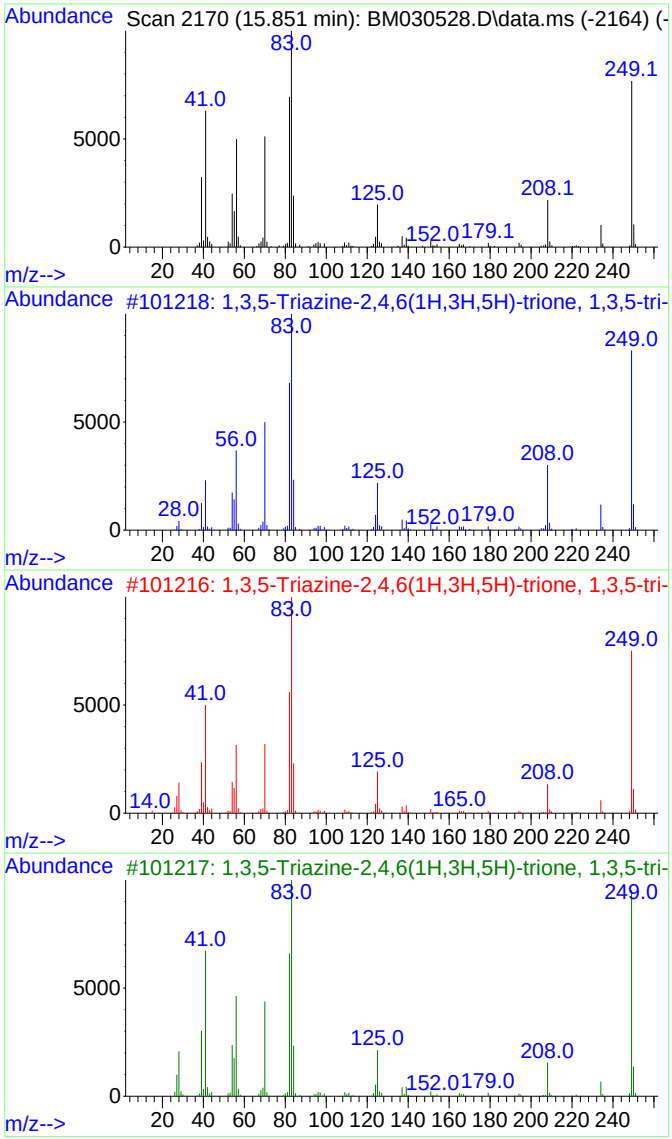
Quant Title : SVOA CALIBRATION

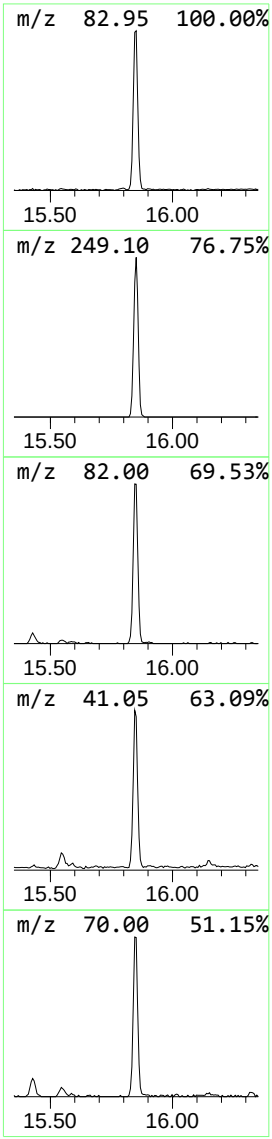
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.850	3.38 ng/ul	363775	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	98
2	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	96
3	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	95
4	Azetidine, 2-methyl-1-[3,3,3-tri...	249	C8H9F6NO	050837-79-1	25
5	N-Carboxy-1-[4-chlorophenyl]-2-[...	295	C15H18ClNO3	058158-38-6	17





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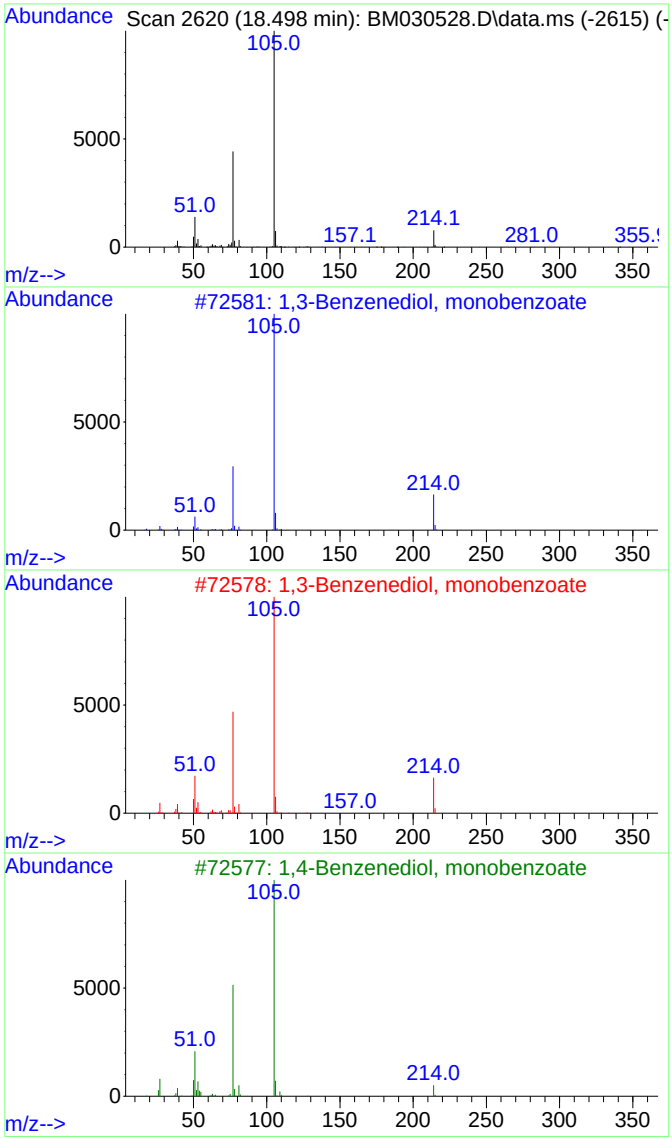
Quant Title : SVOA CALIBRATION

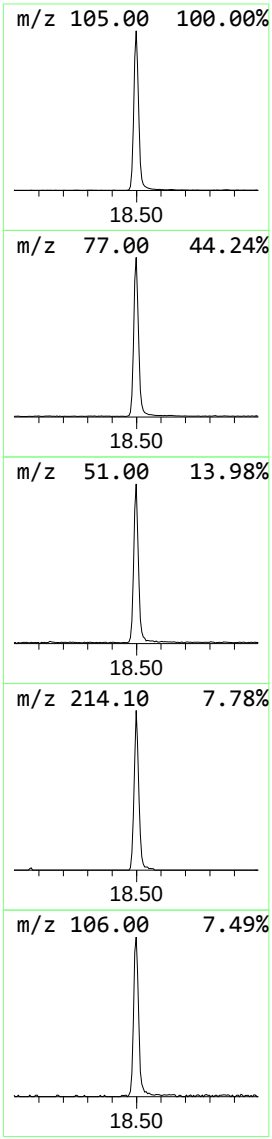
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,3-Benzenediol, monobenzoate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.500	7.39 ng/ul	795556	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	91
2	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	91
3	1,4-Benzenediol, monobenzoate	214	C13H10O3	002444-19-1	90
4	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	87
5	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	80





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Sample : M2662-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDH5

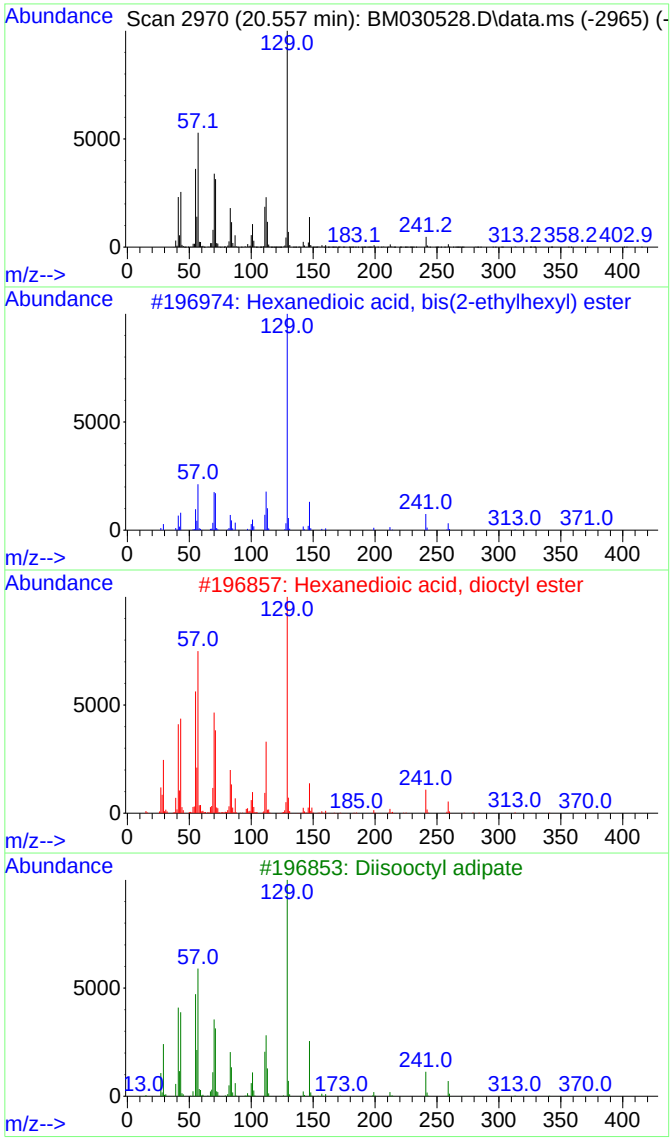
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

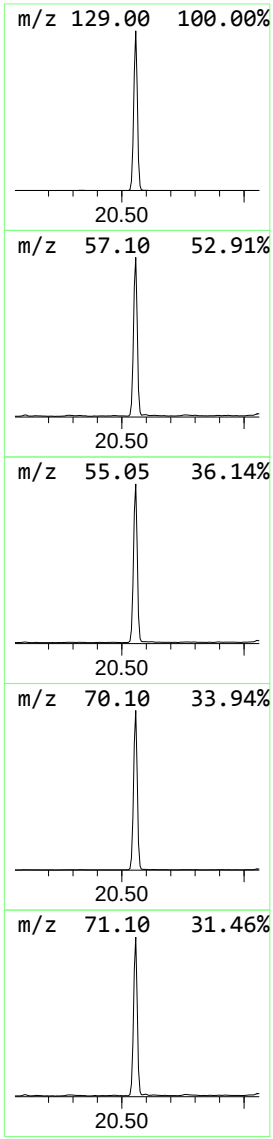
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.560	83.10 ng/ul	8304740	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	90
3	Diisooctyl adipate	370	C22H42O4	001330-86-5	86
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030528.D
Acq On : 22 Jun 2021 22:58
Operator : CG/JU
Sample : M2662-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDH5

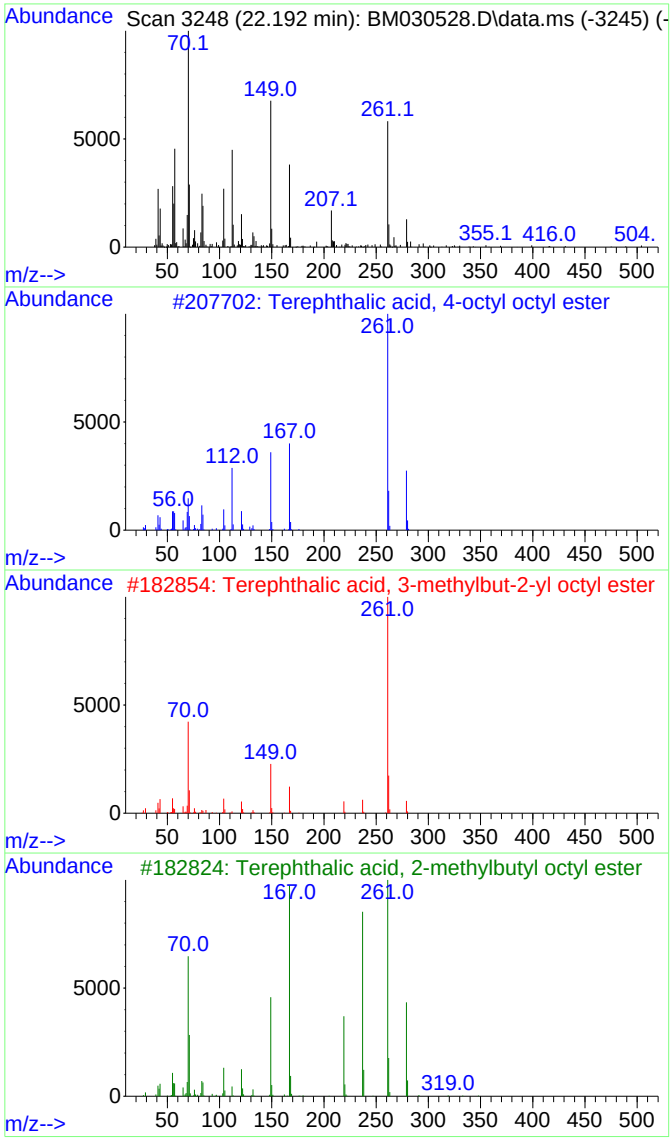
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

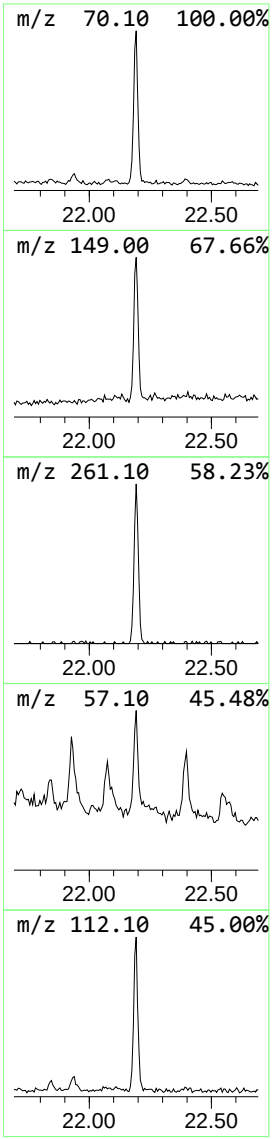
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Terephthalic acid, 4-octyl ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.190	2.19 ng/ul	218729	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Terephthalic acid, 4-octyl octyl...	390	C24H38O4	1000323-73-7	53
2	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	49
3	Terephthalic acid, 2-methylbutyl...	348	C21H32O4	1000323-90-4	47
4	Diisooctyl phthalate	390	C24H38O4	000131-20-4	43
5	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030528.D
Acq On : 22 Jun 2021 22:58
Operator : CG/JU
Sample : M2662-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDH5

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	2.4	ng/ul	113599	1	7.810	935449	20.0
2-Hexanol	4.570	2.7	ng/ul	125246	1	7.810	935449	20.0
p-Xylene	5.460	6.7	ng/ul	312184	1	7.810	935449	20.0
o-Xylene	5.830	2.4	ng/ul	113015	1	7.810	935449	20.0
1,3,5-Triazine-...	15.850	3.4	ng/ul	363775	4	17.174	2154040	20.0
1,3-Benzenediol...	18.500	7.4	ng/ul	795556	4	17.174	2154040	20.0
Hexanedioic aci...	20.560	83.1	ng/ul	8304740	5	21.345	1998620	20.0
Terephthalic ac...	22.190	2.2	ng/ul	218729	5	21.345	1998620	20.0