LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030531.D
Acq On : 23 Jun 2021 00:47
Operator : CG/JU
Sample : M2662-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDE6

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: BM030531.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	43	rVB	24367	41200	0.43%	0.099%
2	3.716	104	107	113	rBV	70980	134049	1.40%	0.321%
3	3.922	138	142	149	rVV2	15468	29305	0.31%	0.070%
4	4.016	149	158	166	rVB	66990	118572	1.24%	0.284%
5	4.387	217	221	227	rVB2	25210	36732	0.38%	0.088%
6	4.516	239	243	247	rBV	19676	26917	0.28%	0.065%
7	4.569	247	252	258	rVB	72207	104575	1.09%	0.251%
8	4.928	309	313	321	rVB	16559	25580	0.27%	0.061%
9	5.328	376	381	390	rVB	45759	68247	0.71%	0.164%
10	5.457	398	403	414	rBV	127694	265280	2.77%	0.636%
11	5.828	461	466	475	rBV	65738	99703	1.04%	0.239%
12	6.804	627	632	637	rBV2	7619	12062	0.13%	0.029%
13	6.975	653	661	671	rBV	401795	669188	6.99%	1.605%
14	7.139	683	689	702	rBV	309446	509213	5.32%	1.221%
15	7.234	702	705	712	rVB6	7758	13218	0.14%	0.032%
16	7.339	716	723	734	rBV	410971	668583	6.98%	1.603%
17	7.810	795	803	810	rVV	533551	879152	9.18%	2.108%
18	7.875	810	814	820	rVB	12848	17939	0.19%	0.043%
19	8.034	836	841	849	rBV3	13398	23941	0.25%	0.057%
20	8.345	889	894	897	rBV4	8955	12802	0.13%	0.031%
21	8.510	910	922	936	rBV	482185	804447	8.40%	1.929%
22	8.633	937	943	948	rVB	23371	39991	0.42%	0.096%
23	8.904	983	989	993	rBV	16708	28001	0.29%	0.067%
24	8.963	993	999	1007	rVB	369230	607729	6.35%	1.457%
25	9.122	1024	1026	1033	rVB6	5749	10564	0.11%	0.025%
26	9.380	1065	1070	1075	rBV3	7734	12784	0.13%	0.031%
27	9.680	1115	1121	1134	rBV	292741	500991	5.23%	1.201%
28	10.222	1205	1213	1225	rBV	441149	802703	8.38%	1.925%
29	10.380	1232	1240	1257	rBV	195531	447381	4.67%	1.073%
30	10.598	1269	1277	1284	rBV	762614	1310063	13.68%	3.142%
31	10.733	1293	1300	1315	rBV	331278	601161	6.28%	1.442%
32	11.127	1361	1367	1371	rBV4	9397	17087	0.18%	0.041%
33	11.410	1409	1415	1422	rBV6	3975	10234	0.11%	0.025%
34	11.863	1484	1492	1499	rVB6	4881	11114	0.12%	0.027%
35	12.186	1540	1547	1552	rVB2	8180	12951	0.14%	0.031%
36	13.051	1687	1694	1698	rBV6	8762	14030	0.15%	0.034%

LSC Area Percent Report

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Sample : M2662-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDE6

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

37	13.263	1724	1730	1737	rBV	23526	32962	0.34%	0.079%
38	13.763	1810	1815	1823	rBV8	7130	13141	0.14%	0.032%
39	13.845	1823	1829	1839	rBV	869438	1268665	13.25%	3.042%
40	13.921	1839	1842	1846	rVB4	8881	10091	0.11%	0.024%
41	14.127	1871	1877	1887	rVB	974151	1430234	14.94%	3.430%
42	14.339	1908	1913	1918	rVB	32635	42522	0.44%	0.102%
43	14.439	1922	1930	1938	rBV	1204988	1834135	19.16%	4.398%
44	14.551	1944	1949	1954	rBV2	7969	12454	0.13%	0.030%
45	14.639	1959	1964	1977	rVV	165505	331610	3.46%	0.795%
46	14.857	1995	2001	2010	rVB4	52352	88251	0.92%	0.212%
47	15.286	2071	2074	2079	rVB	24980	29316	0.31%	0.070%
48	15.427	2092	2098	2105	rBV	1368476	1925495	20.11%	4.618%
49	15.545	2113	2118	2123	rBV	280174	412943	4.31%	0.990%
50	15.586	2123	2125	2131	rVV2	49399	69243	0.72%	0.166%
51	15.668	2135	2139	2147	rVB4	17328	31493	0.33%	0.076%
52	15.786	2153	2159	2164	rVB7	6421	11916	0.12%	0.029%
53	15.845	2164	2169	2179	rBV	266877	363739	3.80%	0.872%
54	16.145	2216	2220	2228	rVB4	16974	29628	0.31%	0.071%
55	16.209	2228	2231	2235	rBV4	6511	9791	0.10%	0.023%
56	16.492	2272	2279	2283	rBV9	8586	16906	0.18%	0.041%
57	16.715	2313	2317	2320	rBV5	8577	13623	0.14%	0.033%
58	16.939	2345	2355	2358	rBV2	46356	91525	0.96%	0.219%
59	16.992	2361	2364	2369	rVB6	13539	21057	0.22%	0.050%
60	17.174	2389	2395	2400	rBV	1490780	2149665	22.46%	5.155%
61	17.215	2400	2402	2406	rVV	62005	78933	0.82%	0.189%
62	17.274	2406	2412	2423	rVV	1464236	2162177	22.59%	5.185%
63	17.368	2424	2428	2433	rVV5	28840	43416	0.45%	0.104%
64	17.668	2476	2479	2483	rBV	42051	54372	0.57%	0.130%
65	17.845	2505	2509	2515	rBV2	58816	76087	0.79%	0.182%
66	18.062	2541	2546	2550	rBV2	102017	164271	1.72%	0.394%
67	18.180	2562	2566	2570	rBV2	30383	42563	0.44%	0.102%
68	18.245	2574	2577	2581	rVV2	25847	38952	0.41%	0.093%
69	18.362	2593	2597	2601	rBV	59213	74148	0.77%	0.178%
70	18.498	2615	2620	2626	rBV	515065	704854	7.36%	1.690%
71	18.998	2701	2705	2714	rBV	65545	119740	1.25%	0.287%
72	19.227	2740	2744	2752	rVB	378297	503353	5.26%	1.207%
73	19.562	2795	2801	2814	rBV2	1481900	2340134	24.44%	5.612%
74	20.086	2886	2890	2896	rVB2	80451	149989	1.57%	0.360%
75	20.180	2903	2906	2910	rVB	62128	76613	0.80%	0.184%
76	20.556	2965	2970	2974	rBV	8767232	9573095	100.00%	22.957%

LSC Area Percent Report

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Operator : CG/JU
Sample : M2662-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDE6

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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Peak separation: 5

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

77	21.056	3052	3055	3058	rBV2	100320	117914	1.23%	0.283%
78	21.256	3085	3089	3094	rVB	299123	341357	3.57%	0.819%
79	21.339	3097	3103	3107	rBV2	1617639	2414272	25.22%	5.790%
80	21.374	3107	3109	3117	rVB	178288	258201	2.70%	0.619%
81	22.191	3245	3248	3255	rVB	202801	232189	2.43%	0.557%
82	23.462	3459	3464	3478	rVB	520255	1201723	12.55%	2.882%
83	23.609	3483	3489	3497	rVB2	892745	1703044	17.79%	4.084%

Sum of corrected areas: 41699291

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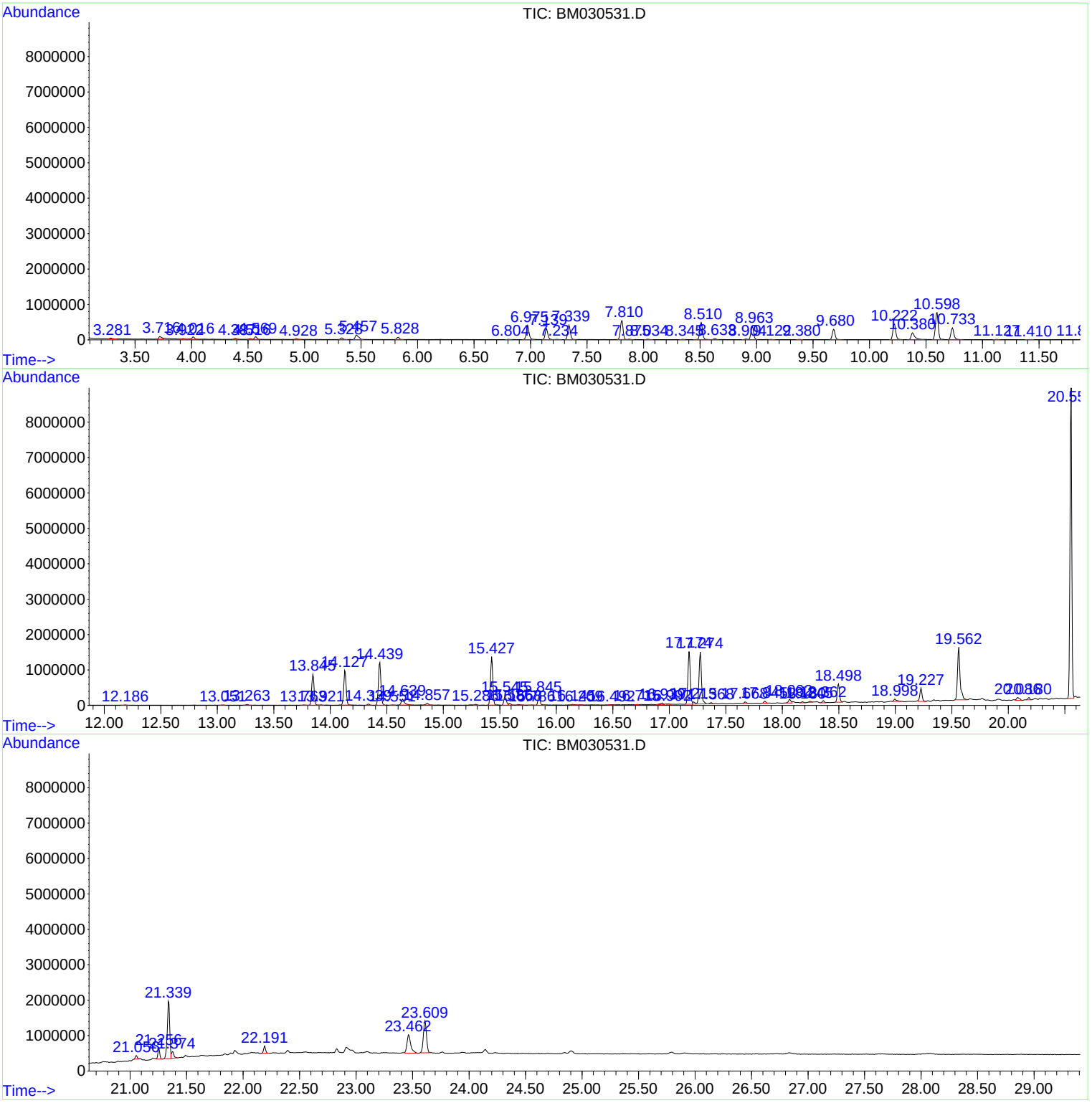
Instrument :
BNA_M
ClientSampleId :
BGDE6

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030531.D
Acq On : 23 Jun 2021 00:47
Operator : CG/JU
Sample : M2662-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

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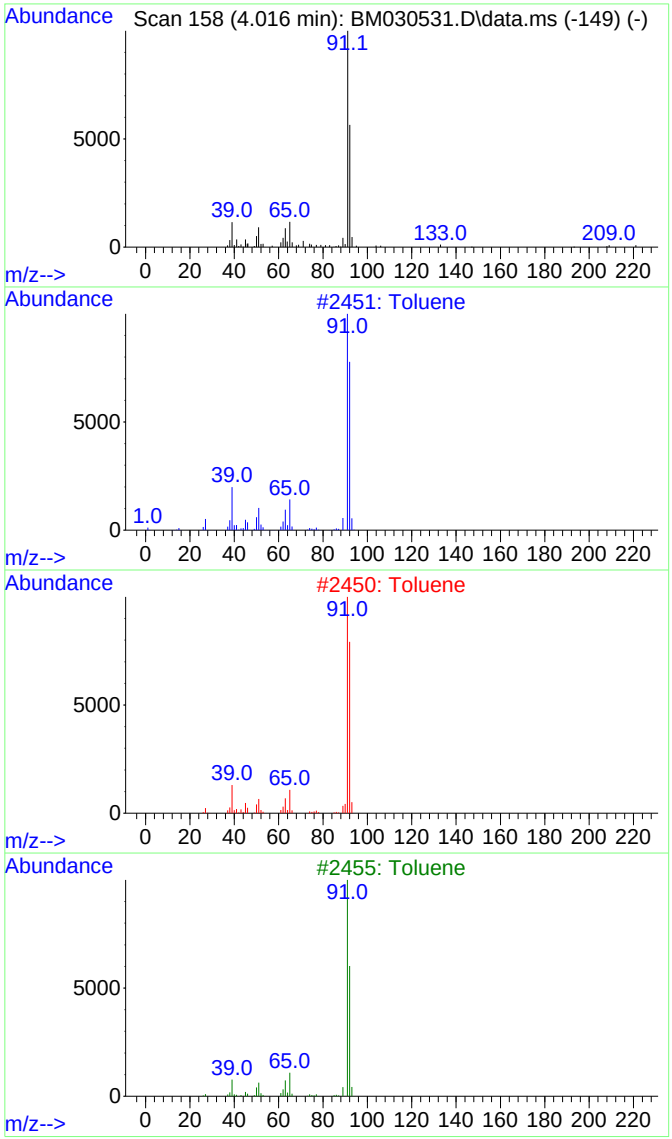
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

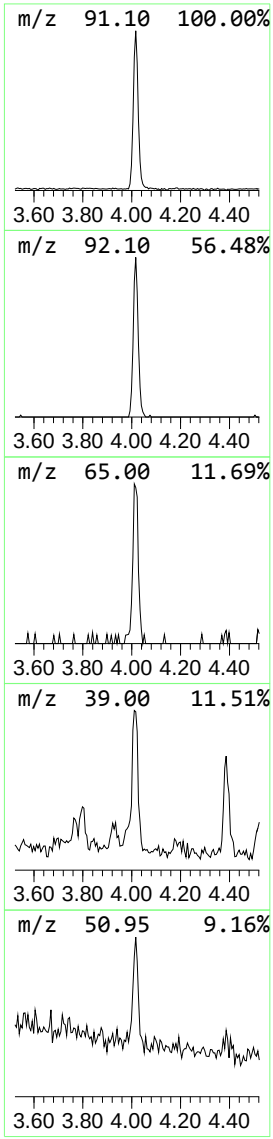
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Toluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.020	2.70 ng/ul	118572	1,4-Dichlorobenzene-d4	7.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	97
2	Toluene	92	C7H8	000108-88-3	91
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	91





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Data File : BM030531.D
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Operator : CG/JU
Sample : M2662-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDE6

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

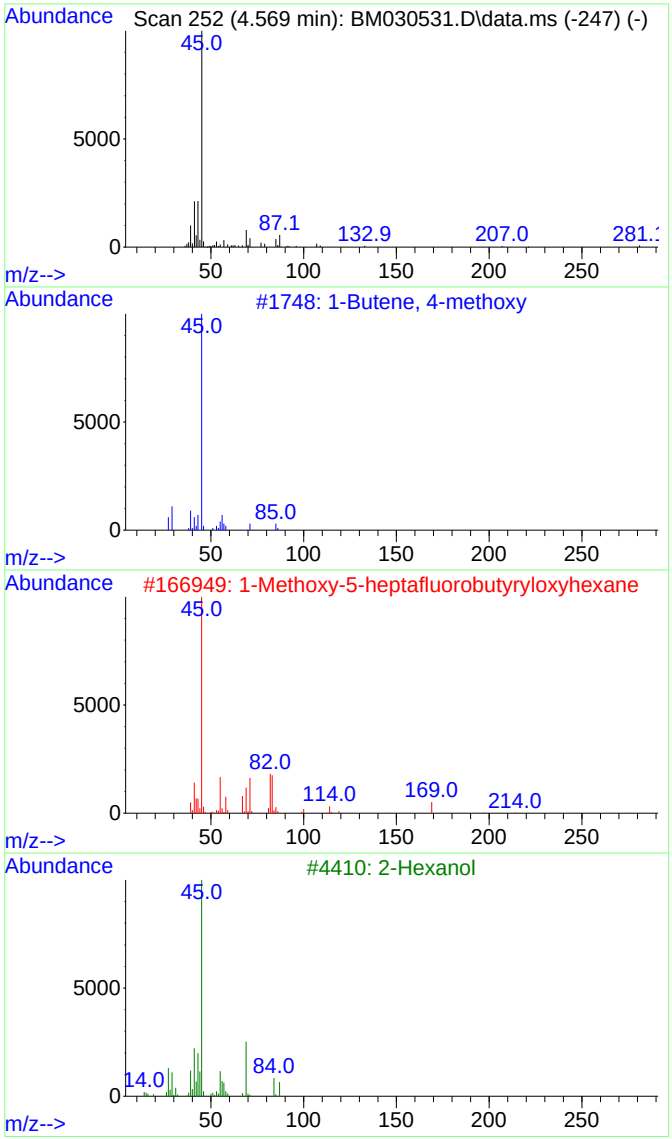
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

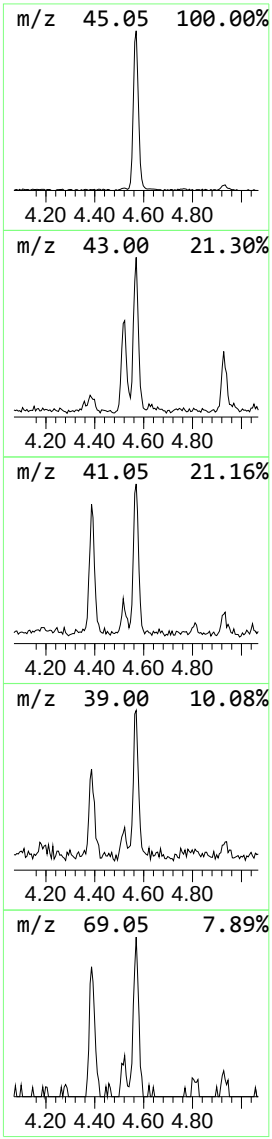
****

Peak Number 2 1-Butene, 4-methoxy Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.570	2.38 ng/ul	104575	1,4-Dichlorobenzene-d4	7.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	64
2	1-Methoxy-5-heptafluorobutyrylox...	328	C11H15F7O3	1000216-63-3	40
3	2-Hexanol	102	C6H14O	000626-93-7	39
4	4-Penten-2-ol	86	C5H10O	000625-31-0	39
5	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
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Sample : M2662-17
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ALS Vial : 23 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

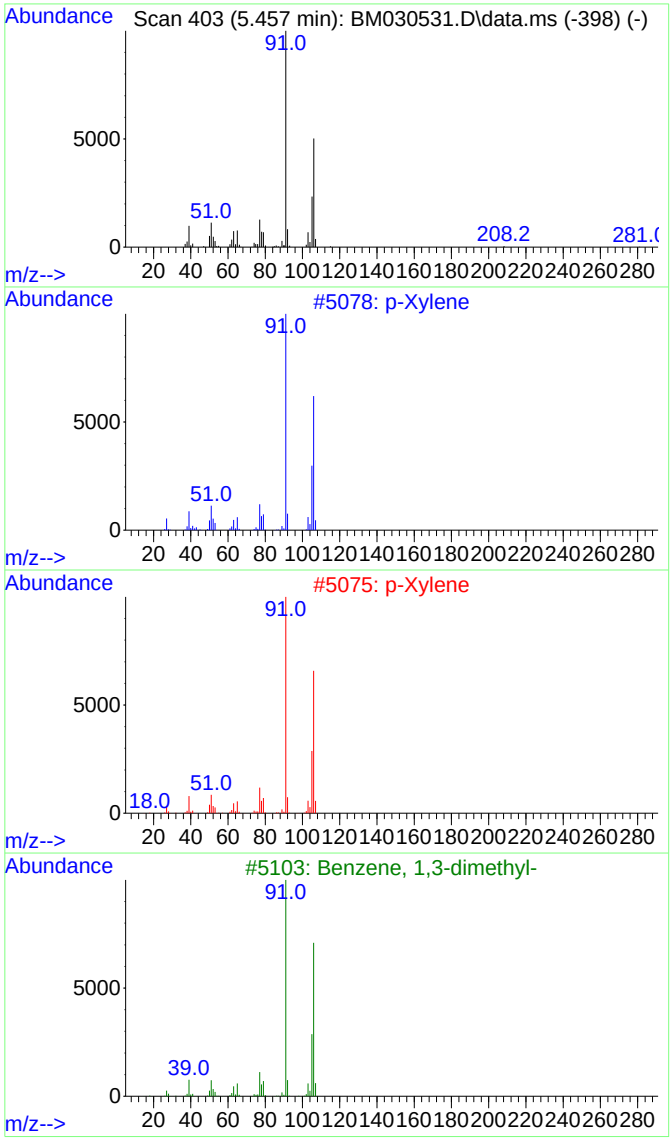
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

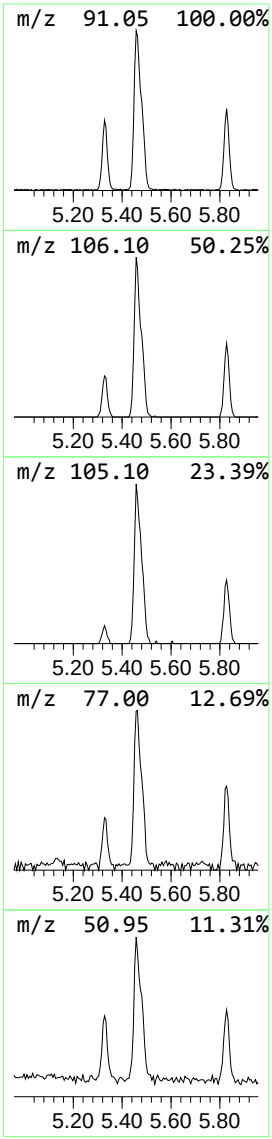
****

Peak Number 3 p-Xylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.460	6.03 ng/ul	265280	1,4-Dichlorobenzene-d4	7.810

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
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ALS Vial : 23 Sample Multiplier: 1

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

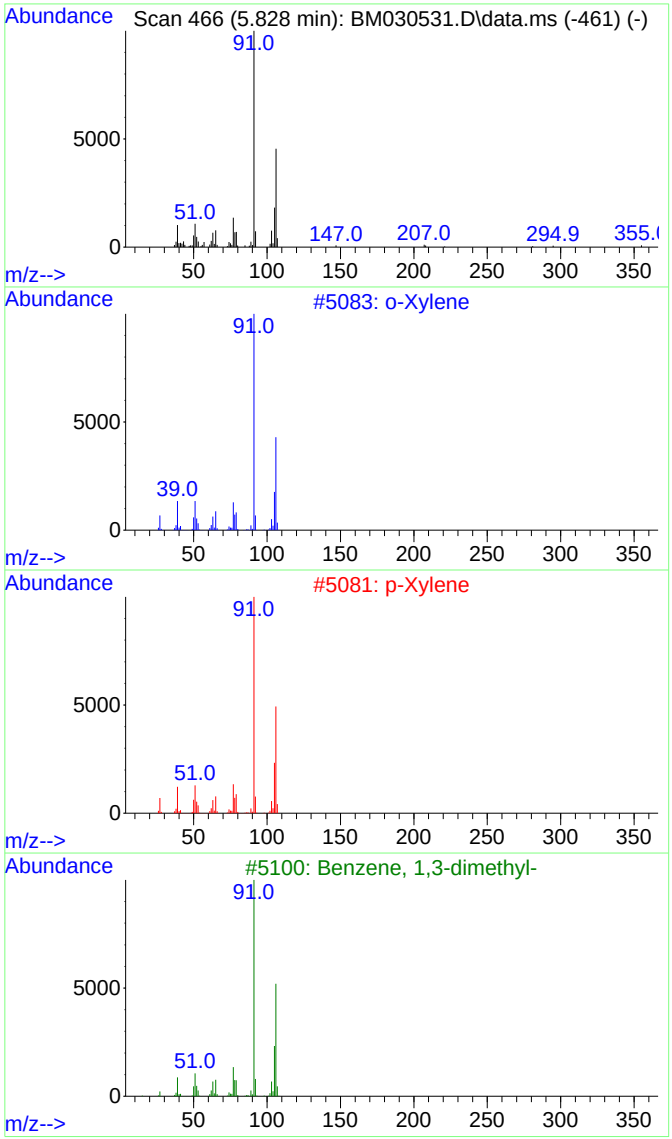
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

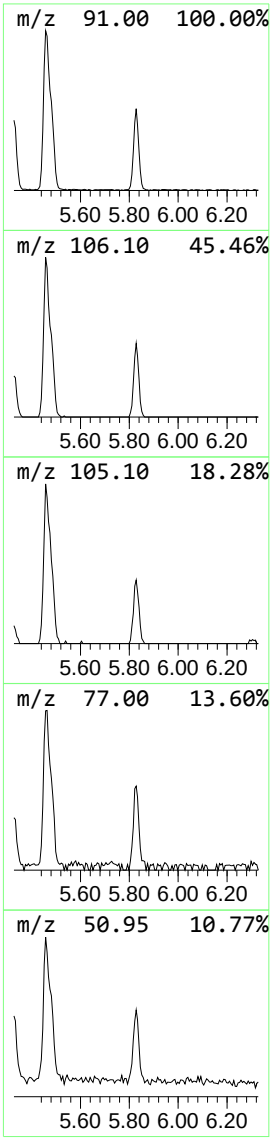
****

Peak Number 4 o-Xylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.830	2.27 ng/ul	99703	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	p-Xylene	106	C8H10	000106-42-3	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	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030531.D
Acq On : 23 Jun 2021 00:47
Operator : CG/JU
Sample : M2662-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDE6

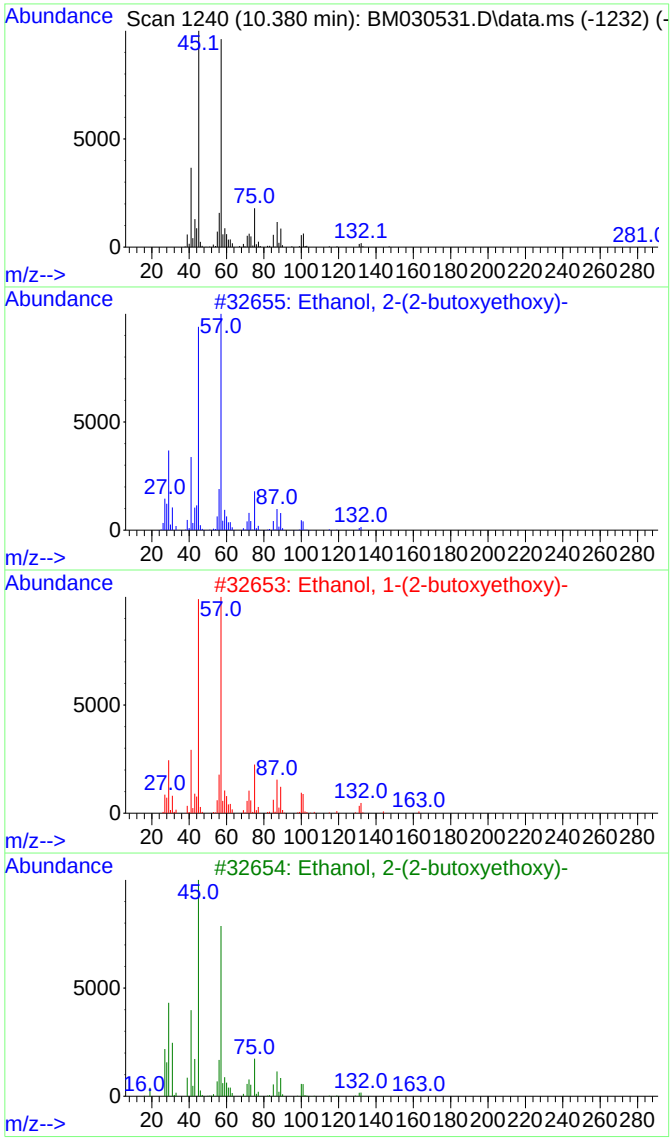
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

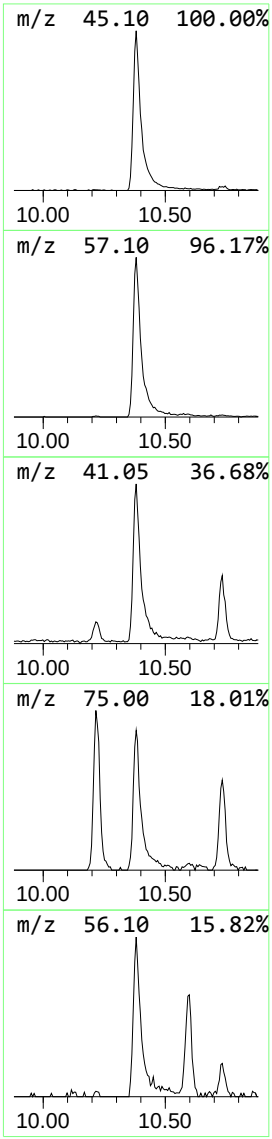
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.380	6.83 ng/ul	447381	Naphthalene-d8	10.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
5	Di-sec-butyl ether	130	C8H18O	006863-58-7	59





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Data File : BM030531.D
Acq On : 23 Jun 2021 00:47
Operator : CG/JU
Sample : M2662-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDE6

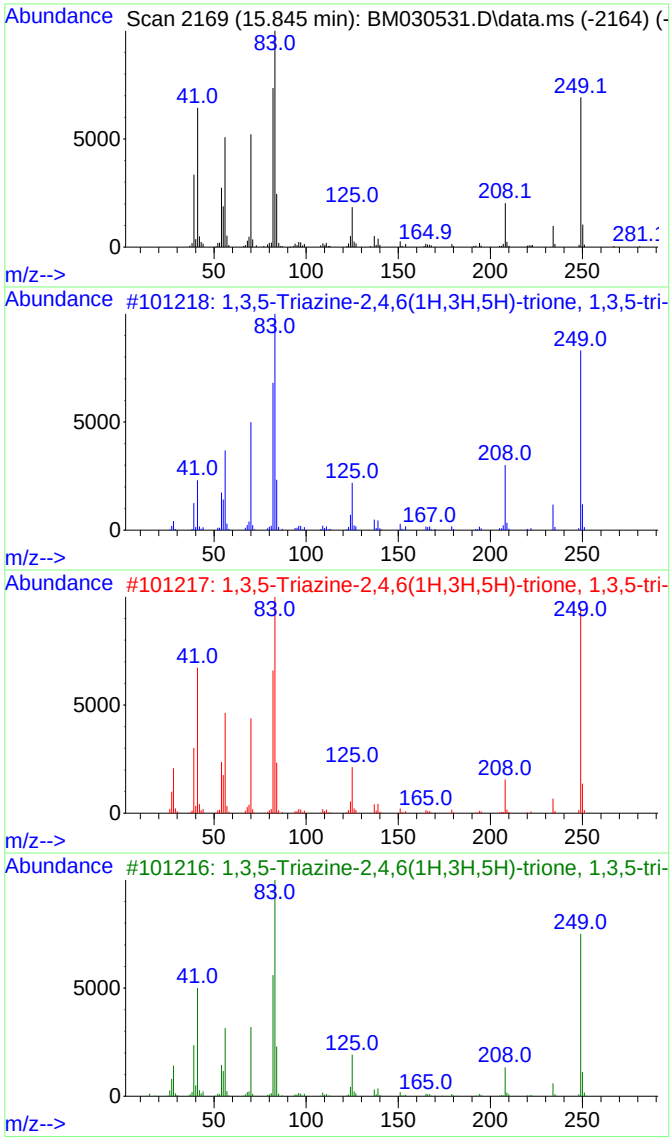
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

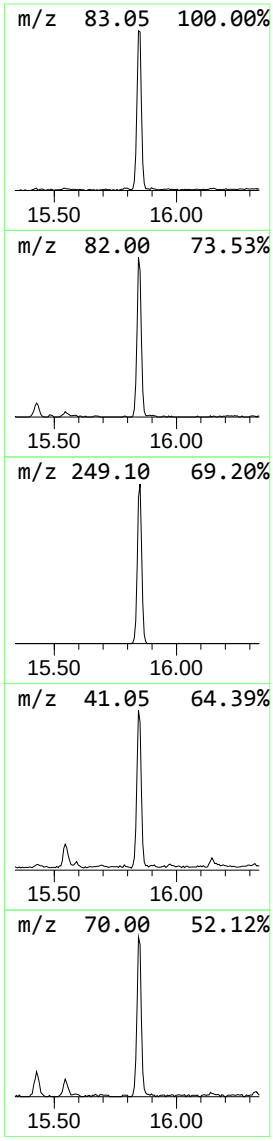
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.840	3.38 ng/ul	363739	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	96
3	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	93
4	4H-1-Benzopyran-2-carboxylic aci...	249	C12H11NO5	032142-43-1	43
5	Hexane, 1,6-dicyclohexyl-	250	C18H34	001610-23-7	32





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Data File : BM030531.D
Acq On : 23 Jun 2021 00:47
Operator : CG/JU
Sample : M2662-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDE6

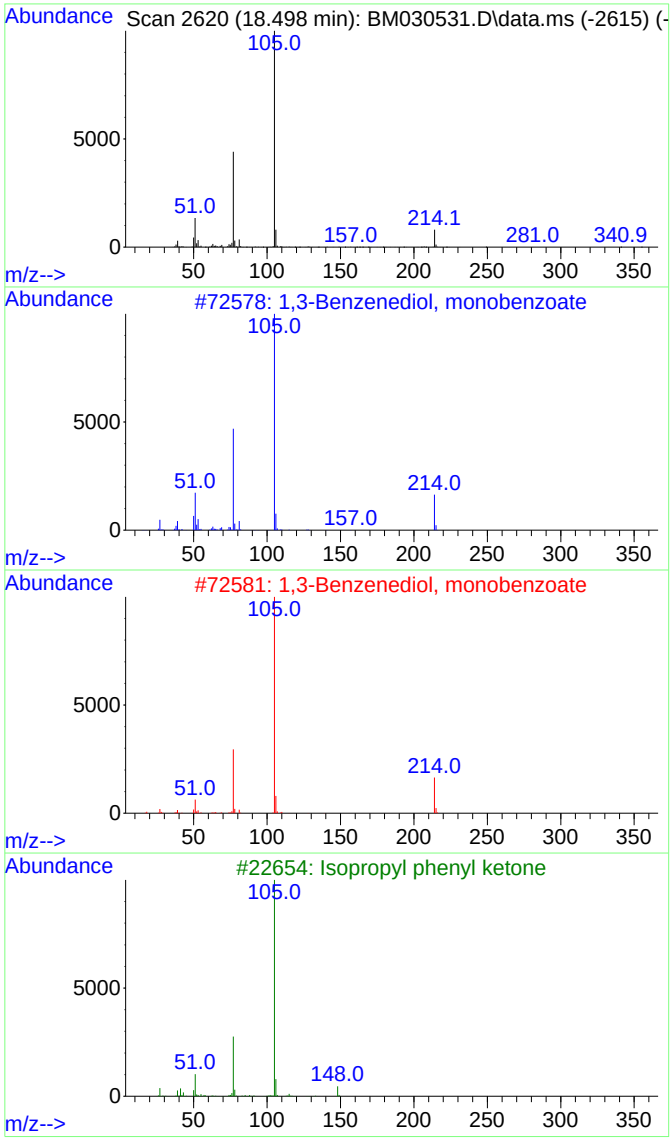
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

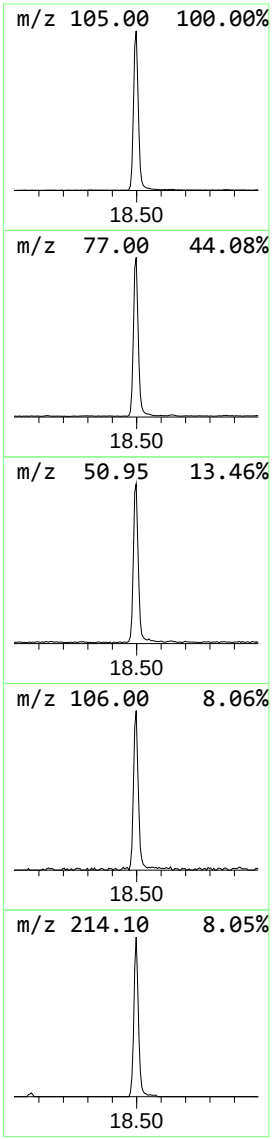
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,3-Benzenediol, monobenzoate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.500	6.56 ng/ul	704854	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	Isopropyl phenyl ketone	148	C10H12O	000611-70-1	72
4	Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	72
5	Ethanone, 2-(acetyloxy)-1-phenyl-	178	C10H10O3	002243-35-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030531.D
Acq On : 23 Jun 2021 00:47
Operator : CG/JU
Sample : M2662-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDE6

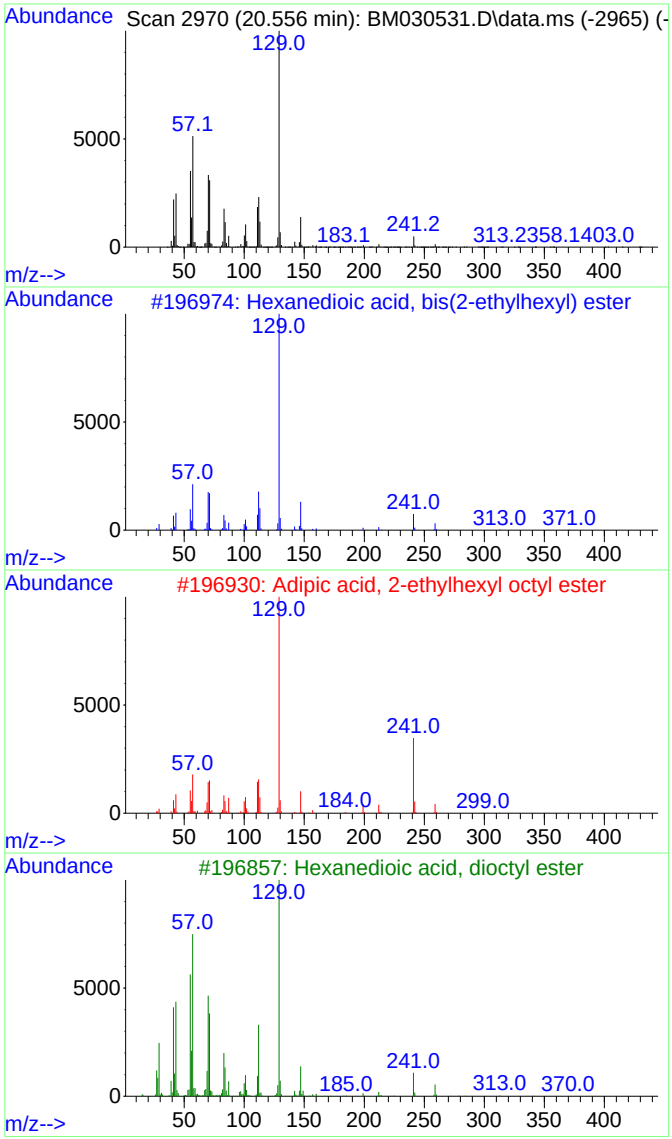
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

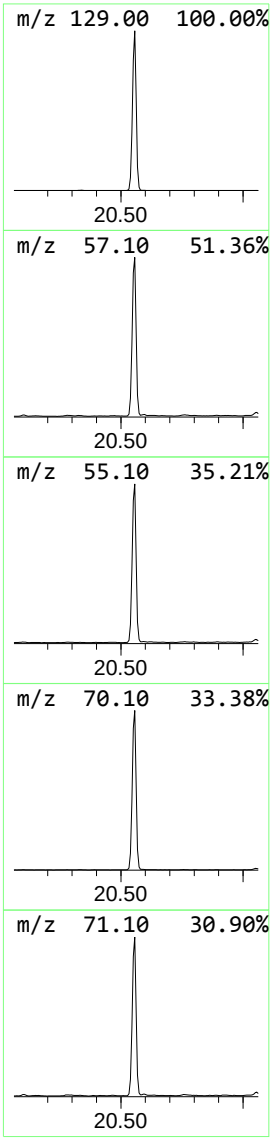
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Hexanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.560	79.30 ng/ul	9573100	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	91
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	90
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	81
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030531.D
Acq On : 23 Jun 2021 00:47
Operator : CG/JU
Sample : M2662-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDE6

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	2.7	ng/ul	118572	1	7.810	879152	20.0
1-Butene, 4-met...	4.570	2.4	ng/ul	104575	1	7.810	879152	20.0
p-Xylene	5.460	6.0	ng/ul	265280	1	7.810	879152	20.0
o-Xylene	5.830	2.3	ng/ul	99703	1	7.810	879152	20.0
Ethanol, 2-(2-b...	10.380	6.8	ng/ul	447381	2	10.598	1310060	20.0
1,3,5-Triazine-...	15.840	3.4	ng/ul	363739	4	17.174	2149670	20.0
1,3-Benzenediol...	18.500	6.6	ng/ul	704854	4	17.174	2149670	20.0
Hexanedioic aci...	20.560	79.3	ng/ul	9573100	5	21.339	2414270	20.0