LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030529.D
Acq On : 22 Jun 2021 23:35
Operator : CG/JU
Sample : M2662-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB4

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: BM030529.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	38	rBV	23816	30998	1.42%	0.102%
2	3.716	99	107	114	rBV	86514	179761	8.21%	0.589%
3	3.793	118	120	125	rVB2	20320	29622	1.35%	0.097%
4	3.922	138	142	147	rVV2	20419	34163	1.56%	0.112%
5	3.981	149	152	153	rVV3	8093	8627	0.39%	0.028%
6	4.016	153	158	168	rVB	74865	118584	5.42%	0.388%
7	4.116	172	175	182	rVB5	9655	16038	0.73%	0.053%
8	4.181	182	186	190	rBV8	5652	10744	0.49%	0.035%
9	4.240	192	196	201	rVB6	7071	11561	0.53%	0.038%
10	4.387	214	221	229	rBV	31703	48852	2.23%	0.160%
11	4.516	238	243	247	rBV	26820	40399	1.85%	0.132%
12	4.569	247	252	260	rVV	98943	145883	6.66%	0.478%
13	4.645	262	265	272	rVB5	4561	7898	0.36%	0.026%
14	4.928	309	313	323	rVB	22101	37868	1.73%	0.124%
15	5.045	326	333	334	rBV5	3930	6632	0.30%	0.022%
16	5.198	356	359	367	rVB8	3090	5618	0.26%	0.018%
17	5.328	375	381	386	rBV	58921	84353	3.85%	0.276%
18	5.457	398	403	414	rVV	169616	347550	15.87%	1.138%
19	5.534	414	416	422	rVB7	3800	5136	0.23%	0.017%
20	5.828	459	466	478	rBV	82414	136388	6.23%	0.447%
21	5.922	478	482	487	rVV5	4165	8773	0.40%	0.029%
22	6.204	525	530	535	rVB2	8170	12066	0.55%	0.040%
23	6.804	628	632	636	rBV3	6121	10592	0.48%	0.035%
24	6.975	651	661	672	rBV	386075	666748	30.45%	2.184%
25	7.139	683	689	700	rBV	313141	501348	22.90%	1.642%
26	7.239	701	706	712	rVB4	9768	17781	0.81%	0.058%
27	7.339	716	723	734	rBV	394971	654071	29.87%	2.142%
28	7.645	771	775	779	rBV6	2467	4661	0.21%	0.015%
29	7.751	789	793	796	rBV6	3915	6003	0.27%	0.020%
30	7.810	796	803	810	rVV	565945	917559	41.90%	3.006%
31	7.869	810	813	819	rVB4	6170	9343	0.43%	0.031%
32	7.939	821	825	829	rVB3	3740	5655	0.26%	0.019%
33	8.039	837	842	854	rVB3	13334	28409	1.30%	0.093%
34	8.286	880	884	890	rBV6	3397	6207	0.28%	0.020%
35	8.345	890	894	898	rBV	9112	14759	0.67%	0.048%
36	8.510	910	922	933	rBV	382863	644704	29.44%	2.112%

LSC Area Percent Report

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Sample : M2662-10
Misc :
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Instrument : BNA_M
ClientSampleId : BGDB4

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	8.633	936	943	948	rVV2	25157	46315	2.12%	0.152%
38	8.692	951	953	955	rVV4	5331	5381	0.25%	0.018%
39	8.910	985	990	993	rBV2	19418	30915	1.41%	0.101%
40	8.963	993	999	1009	rVB	363609	598940	27.35%	1.962%
41	9.086	1015	1020	1021	rBV4	4775	5378	0.25%	0.018%
42	9.128	1024	1027	1033	rVB7	5643	9554	0.44%	0.031%
43	9.380	1064	1070	1075	rBV4	7905	12536	0.57%	0.041%
44	9.492	1082	1089	1093	rVB5	3645	7387	0.34%	0.024%
45	9.680	1114	1121	1133	rBV	270523	477052	21.79%	1.563%
46	10.010	1171	1177	1180	rBV7	2339	4657	0.21%	0.015%
47	10.222	1203	1213	1227	rBV	410419	726964	33.20%	2.381%
48	10.433	1243	1249	1256	rBV8	8378	25008	1.14%	0.082%
49	10.598	1269	1277	1290	rVB	775501	1307753	59.72%	4.284%
50	10.733	1290	1300	1321	rBV	308068	603981	27.58%	1.978%
51	11.869	1484	1493	1499	rVB8	5113	13390	0.61%	0.044%
52	12.027	1512	1520	1525	rVB7	2687	6978	0.32%	0.023%
53	12.186	1542	1547	1553	rVB2	7430	11470	0.52%	0.038%
54	12.980	1675	1682	1686	rBV5	4942	8661	0.40%	0.028%
55	13.268	1724	1731	1736	rBV	19409	29337	1.34%	0.096%
56	13.768	1810	1816	1823	rBV5	9692	17367	0.79%	0.057%
57	13.845	1823	1829	1837	rBV	746034	1078929	49.27%	3.534%
58	13.921	1839	1842	1846	rVB3	7229	10156	0.46%	0.033%
59	13.963	1846	1849	1856	rVB6	6120	8640	0.39%	0.028%
60	14.133	1866	1878	1887	rBV	901961	1344103	61.38%	4.403%
61	14.339	1908	1913	1917	rBV	30766	39699	1.81%	0.130%
62	14.439	1921	1930	1939	rBV	1148304	1705757	77.90%	5.587%
63	14.557	1945	1950	1954	rVB	13371	18053	0.82%	0.059%
64	14.645	1954	1965	1982	rBV	97616	240763	11.00%	0.789%
65	14.862	1995	2002	2011	rVV2	78786	135699	6.20%	0.444%
66	14.957	2014	2018	2023	rVB6	5590	11416	0.52%	0.037%
67	15.239	2061	2066	2067	rBV4	3757	4416	0.20%	0.014%
68	15.286	2071	2074	2079	rVB	20231	27452	1.25%	0.090%
69	15.427	2091	2098	2105	rBV	1165320	1682834	76.85%	5.512%
70	15.551	2113	2119	2123	rBV	166961	279620	12.77%	0.916%
71	15.592	2123	2126	2134	rVV	57450	87127	3.98%	0.285%
72	15.668	2134	2139	2146	rVB5	14647	27015	1.23%	0.088%
73	15.786	2155	2159	2164	rBV6	3445	5624	0.26%	0.018%
74	15.851	2164	2170	2176	rVV	262224	336168	15.35%	1.101%
75	15.915	2176	2181	2183	rVB4	3116	5029	0.23%	0.016%
76	16.109	2211	2214	2217	rBV5	5381	8357	0.38%	0.027%

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Sample : M2662-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB4

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

77	16.145	2217	2220	2225	rVV4	14562	23109	1.06%	0.076%
78	16.209	2228	2231	2235	rVV6	3998	6621	0.30%	0.022%
79	16.492	2273	2279	2282	rBV9	6423	12281	0.56%	0.040%
80	16.651	2304	2306	2309	rBV4	3694	4893	0.22%	0.016%
81	16.721	2315	2318	2321	rBV3	12150	15005	0.69%	0.049%
82	16.939	2347	2355	2359	rBV3	34227	67371	3.08%	0.221%
83	17.174	2389	2395	2401	rBV	1250554	1823562	83.28%	5.973%
84	17.274	2406	2412	2424	rVV	1218161	1748401	79.85%	5.727%
85	17.374	2424	2429	2432	rVV4	30768	42257	1.93%	0.138%
86	17.674	2476	2480	2484	rBV	40775	52275	2.39%	0.171%
87	17.845	2506	2509	2516	rVB4	24234	40343	1.84%	0.132%
88	18.068	2543	2547	2551	rBV3	36575	55881	2.55%	0.183%
89	18.309	2585	2588	2594	rVB3	20385	28921	1.32%	0.095%
90	18.362	2594	2597	2603	rBV	52215	63650	2.91%	0.208%
91	18.503	2617	2621	2627	rBV	64979	89629	4.09%	0.294%
92	18.998	2701	2705	2712	rBV3	59777	106514	4.86%	0.349%
93	19.227	2742	2744	2751	rVB	47187	66060	3.02%	0.216%
94	19.562	2796	2801	2816	rVB	1520108	2102869	96.04%	6.888%
95	20.556	2965	2970	2974	rBV	2013699	2189638	100.00%	7.172%
96	21.256	3085	3089	3093	rVB	291835	316883	14.47%	1.038%
97	21.344	3098	3104	3110	rBV	1290745	1810427	82.68%	5.930%
98	22.191	3245	3248	3253	rVB2	179810	214780	9.81%	0.704%
99	23.468	3459	3465	3479	rVB2	977647	2038648	93.10%	6.678%
100	23.609	3483	3489	3497	rVB2	952872	1788074	81.66%	5.857%

Sum of corrected areas: 30529327

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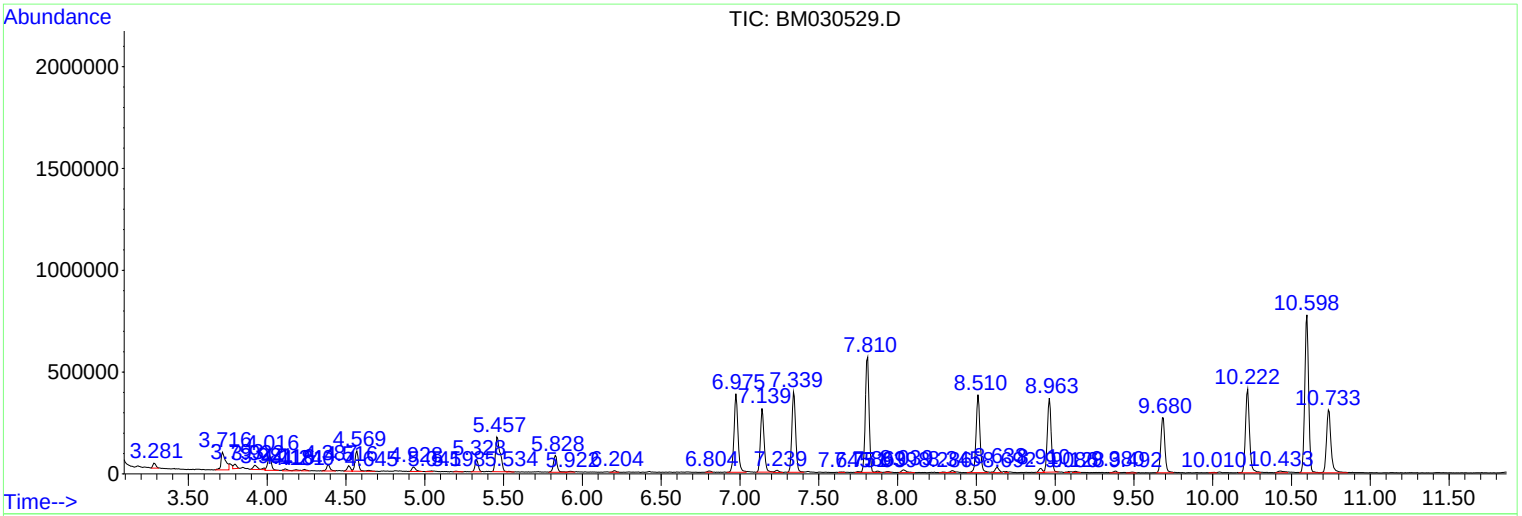
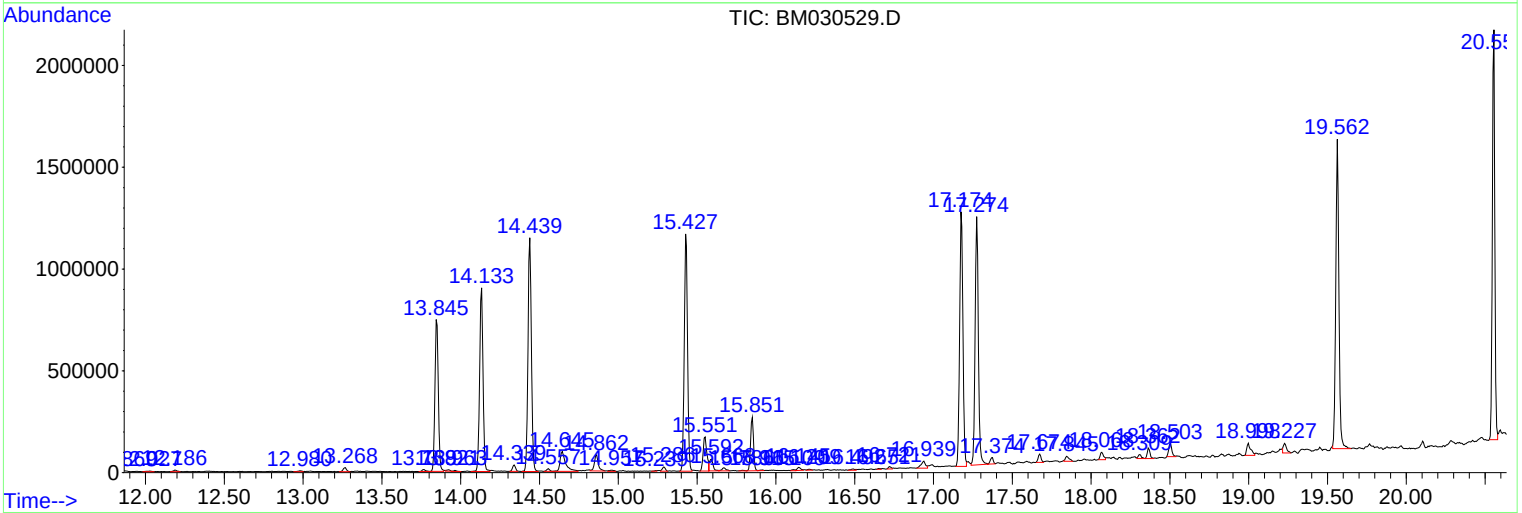
ALS Vial : 21 Sample Multiplier: 1

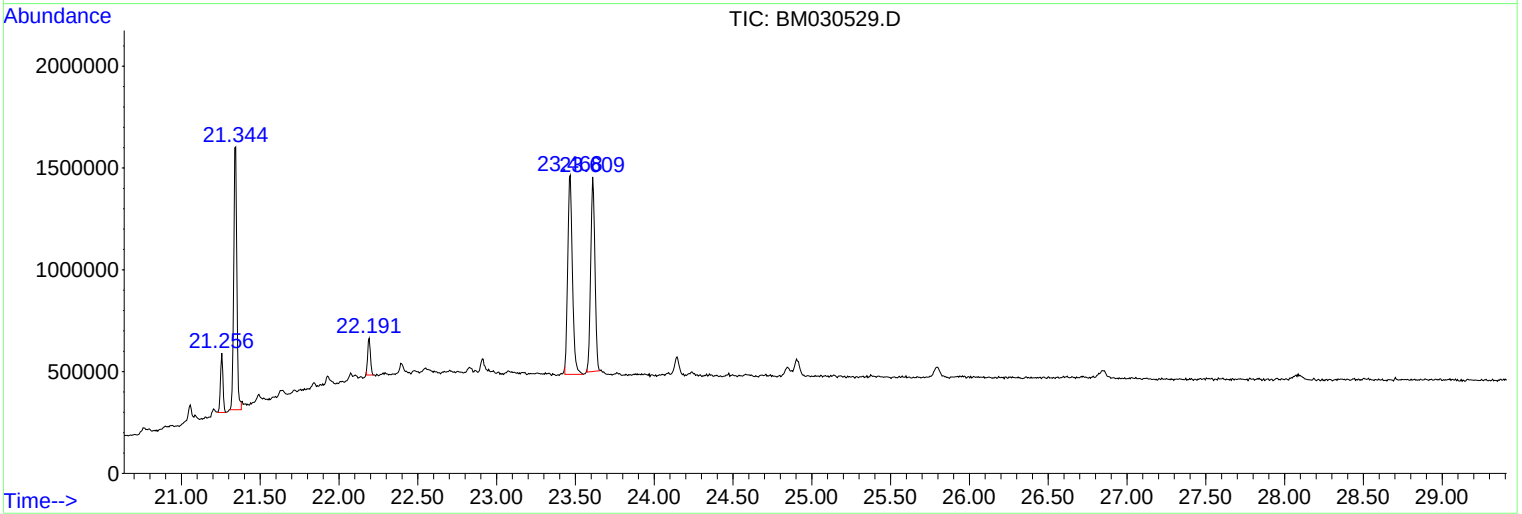
Instrument :
BNA_M
ClientSampleId :
BGDB4

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

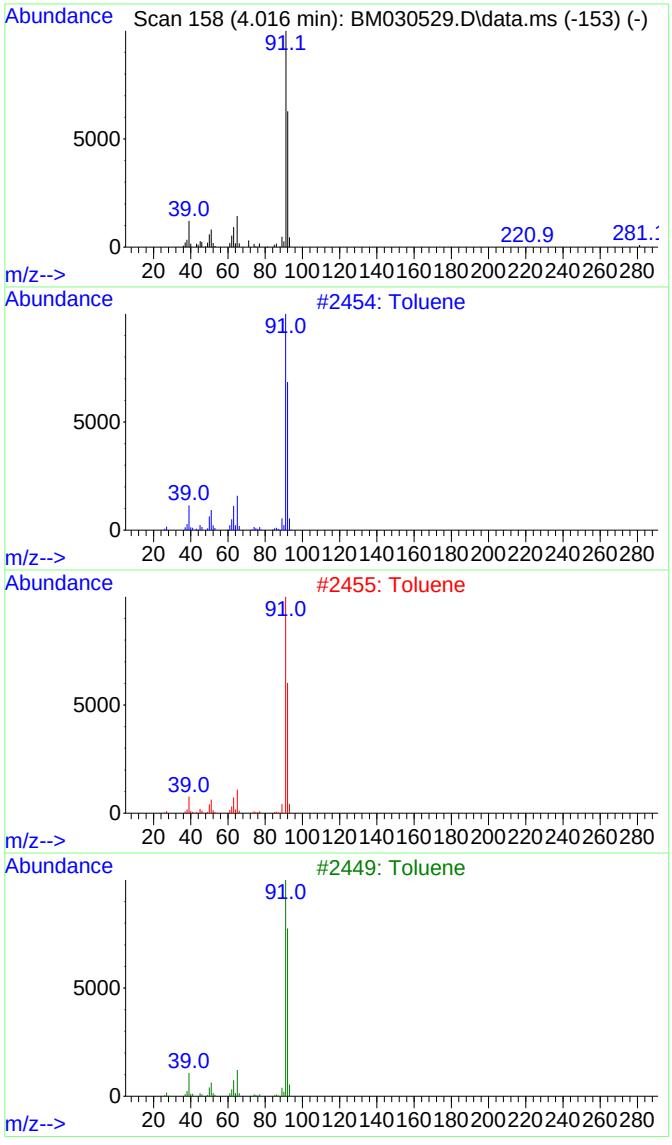
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

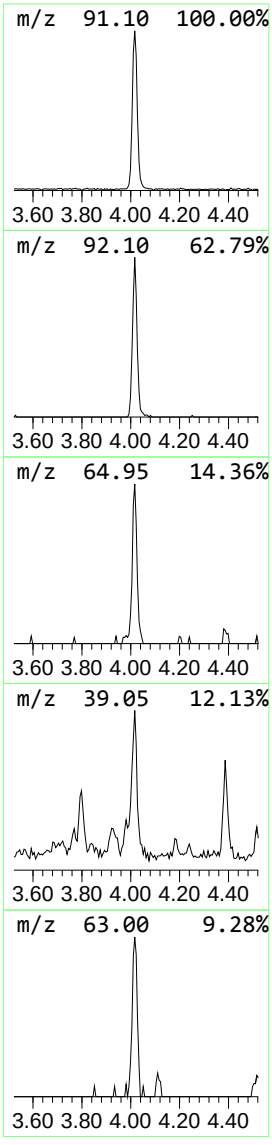
****

Peak Number 1 Toluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.020	2.58 ng/ul	118584	1,4-Dichlorobenzene-d4	7.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	Toluene	92	C7H8	000108-88-3	93
3	Toluene	92	C7H8	000108-88-3	90
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
5	Toluene	92	C7H8	000108-88-3	90





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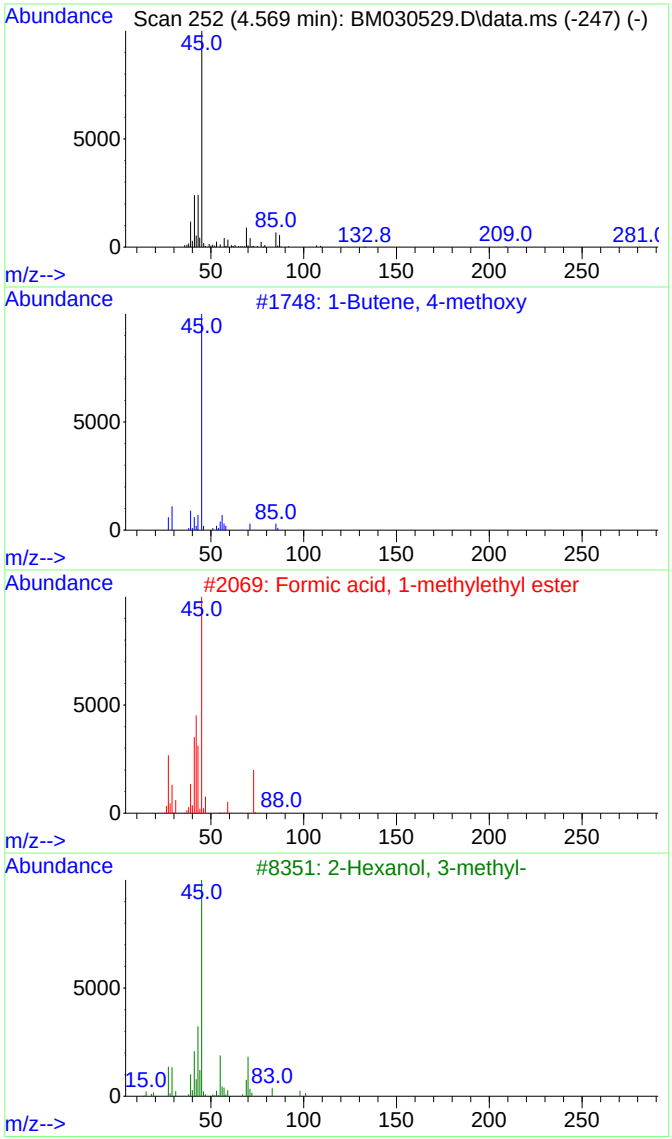
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

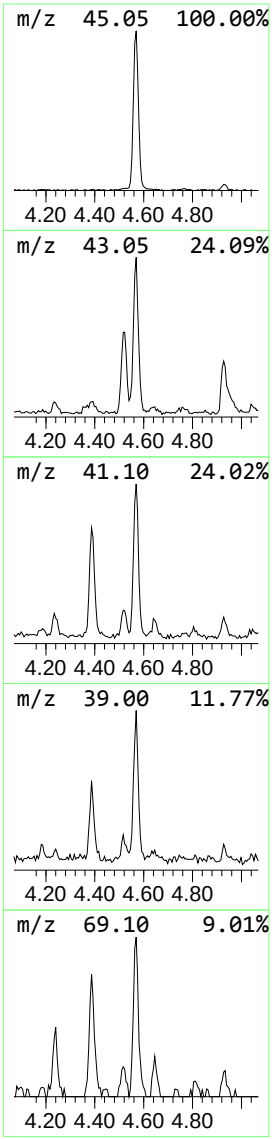
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.570	3.18 ng/ul	145883	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	59
2	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	42
3	2-Hexanol, 3-methyl-	116	C7H16O	002313-65-7	40
4	3-Ethyl-2-pentanol	116	C7H16O	000609-27-8	39
5	2-Hexanol, 3-methyl-	116	C7H16O	002313-65-7	39





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Quant Title : SVOA CALIBRATION

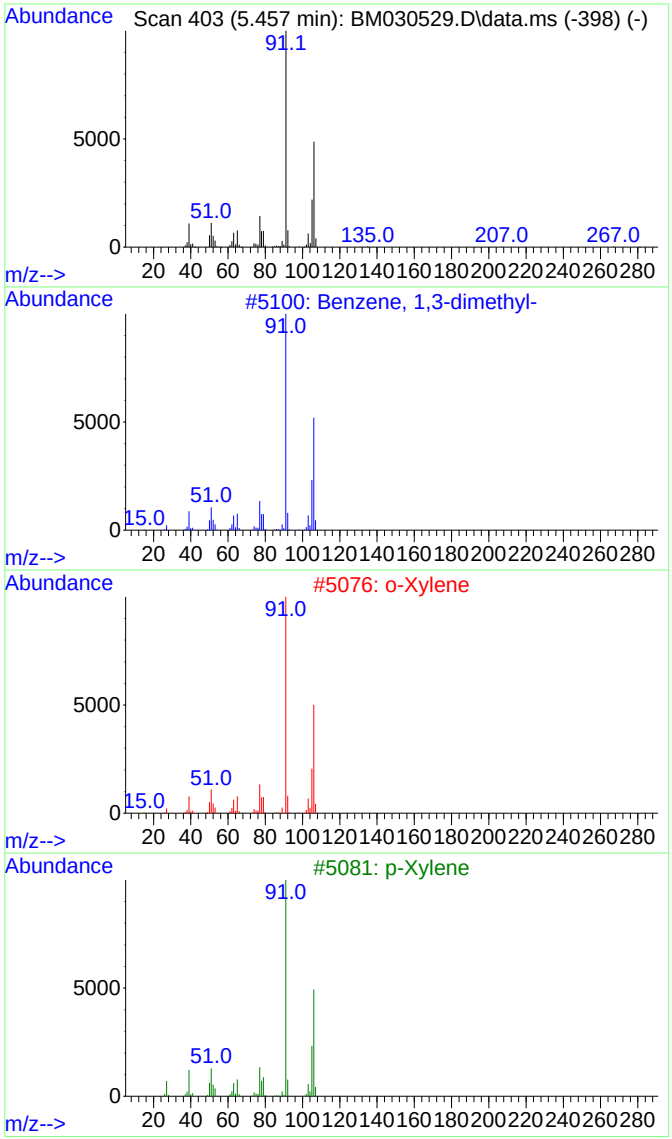
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

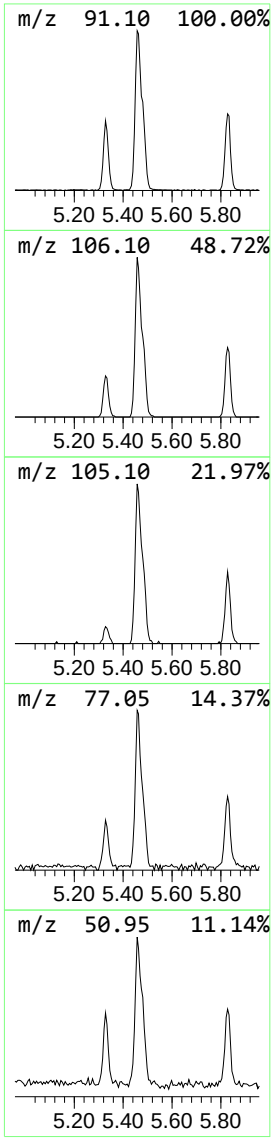
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.460	7.58 ng/ul	347550	1,4-Dichlorobenzene-d4	7.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	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	95





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

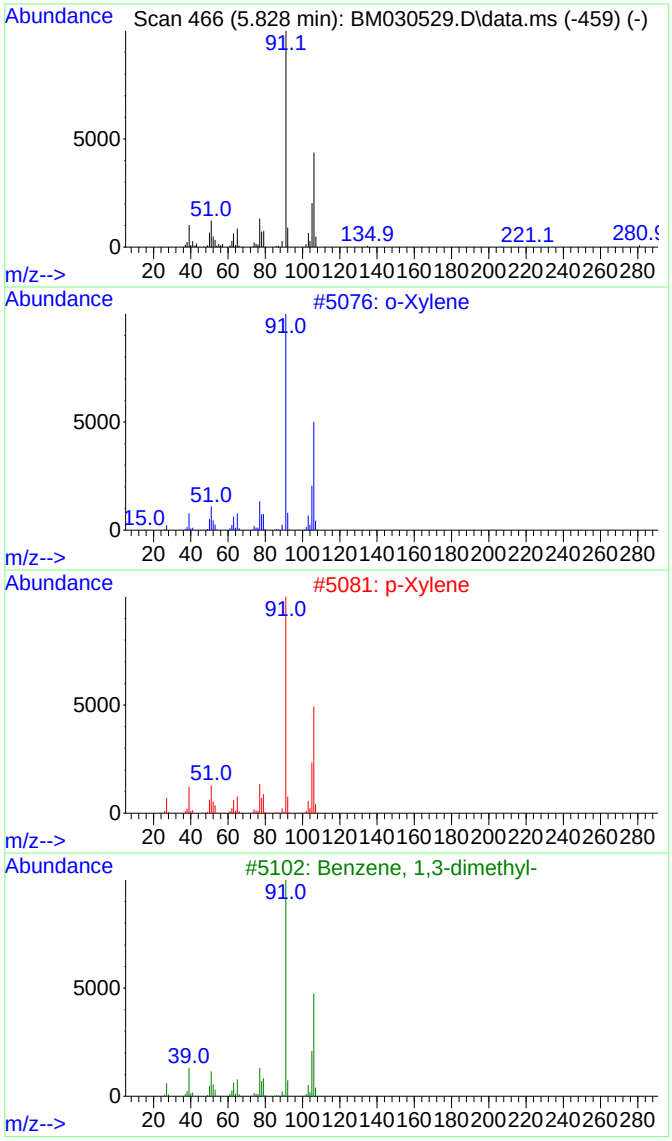
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

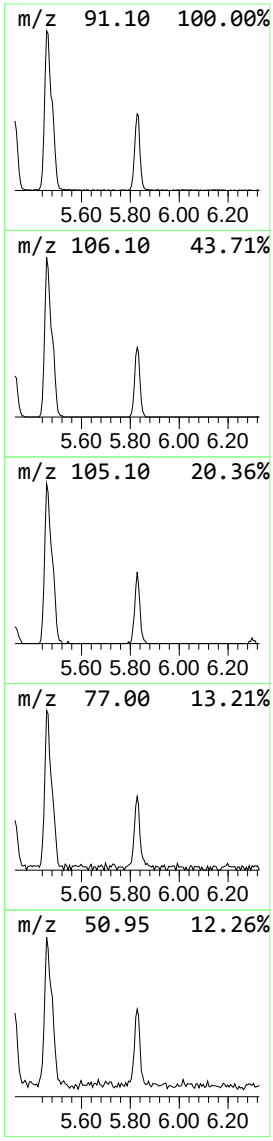
****

Peak Number 4 o-Xylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.830	2.97 ng/ul	136388	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





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Data File : BM030529.D
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Sample : M2662-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

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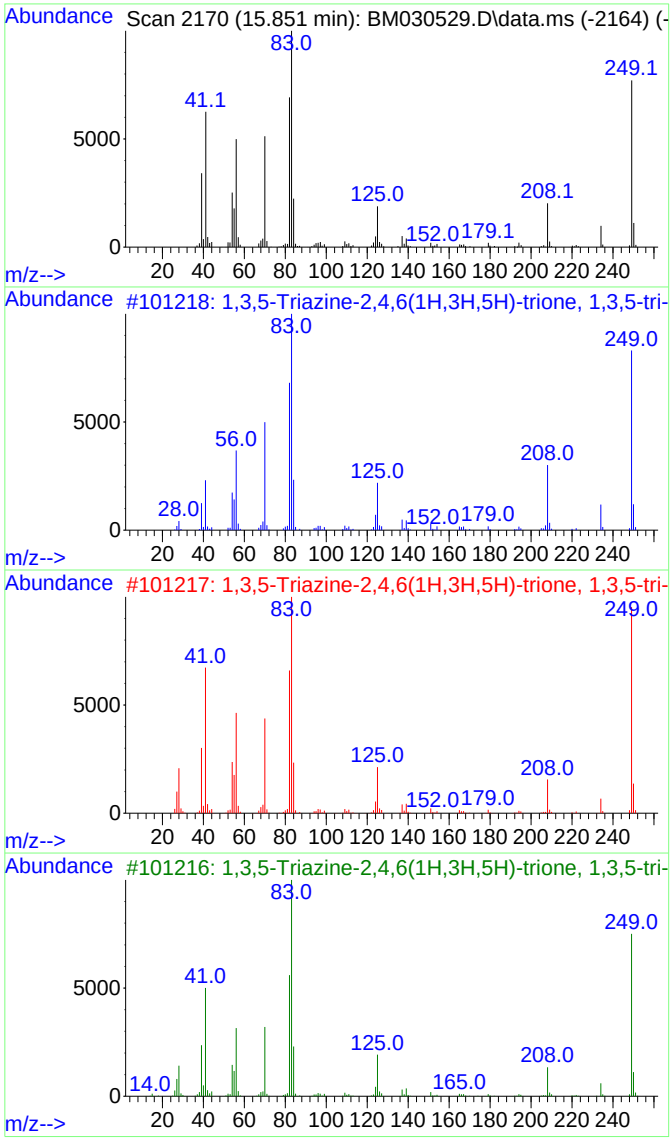
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

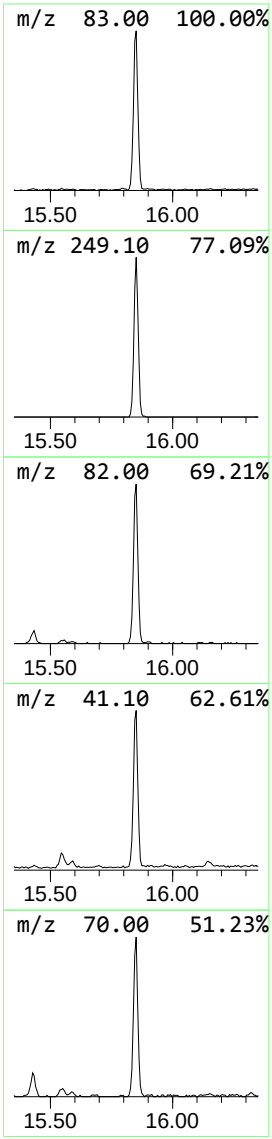
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.850	3.69 ng/ul	336168	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	93
4	n-Nonylcyclohexane	210	C15H30	002883-02-5	22
5	12-Octadecenal	266	C18H34O	056554-91-7	22





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Data File : BM030529.D
Acq On : 22 Jun 2021 23:35
Operator : CG/JU
Sample : M2662-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB4

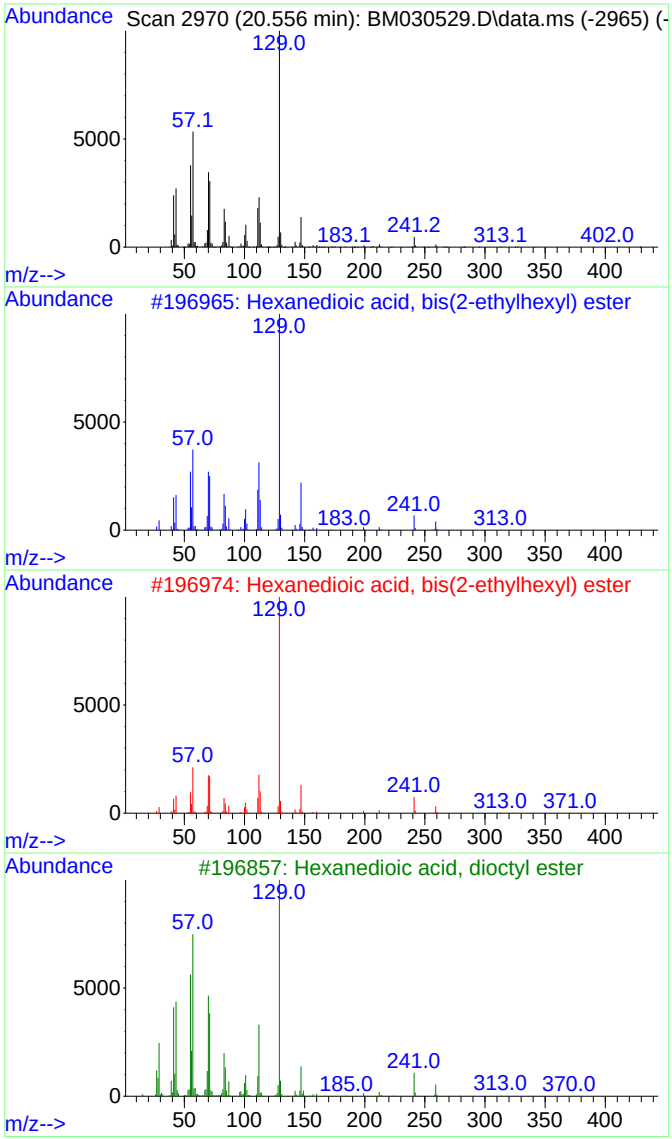
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

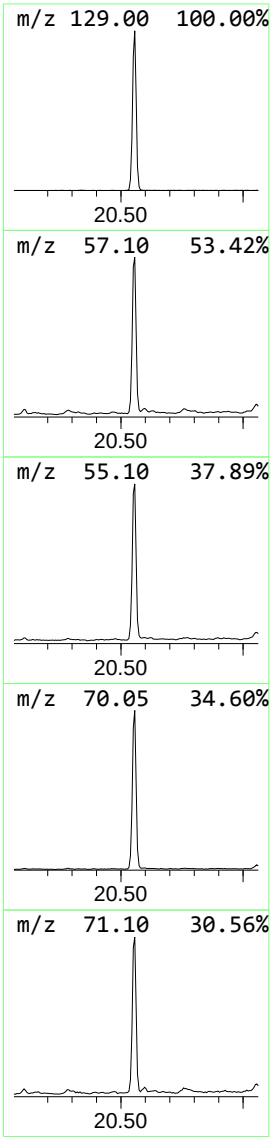
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.560	24.19 ng/ul	2189640	Chrysene-d12	21.344

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030529.D
Acq On : 22 Jun 2021 23:35
Operator : CG/JU
Sample : M2662-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB4

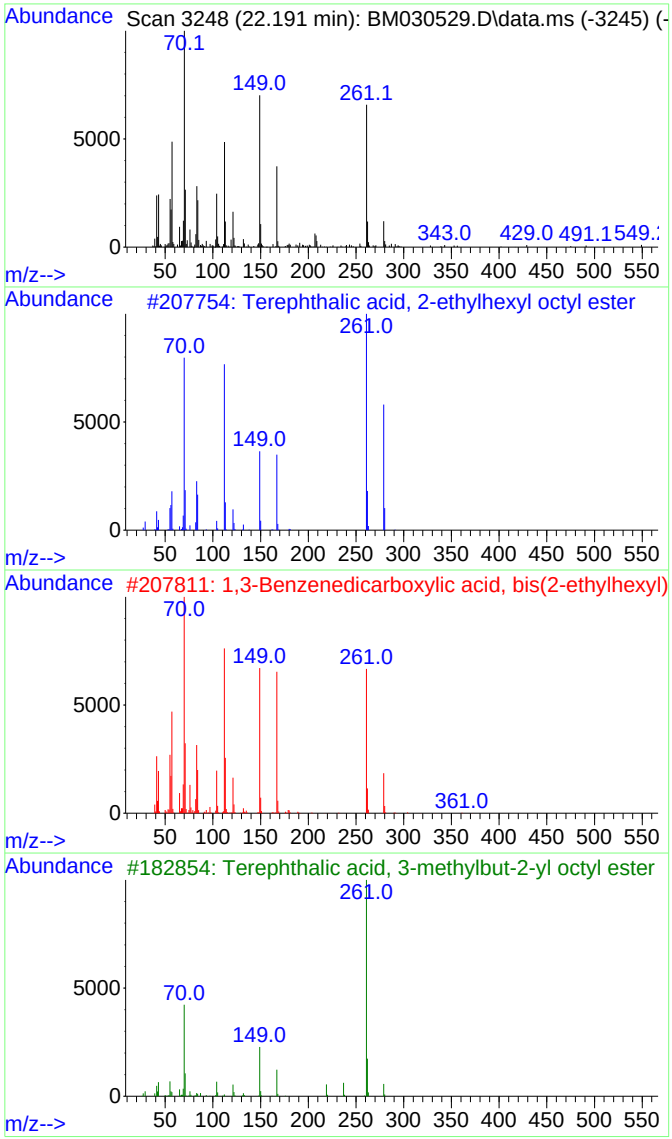
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

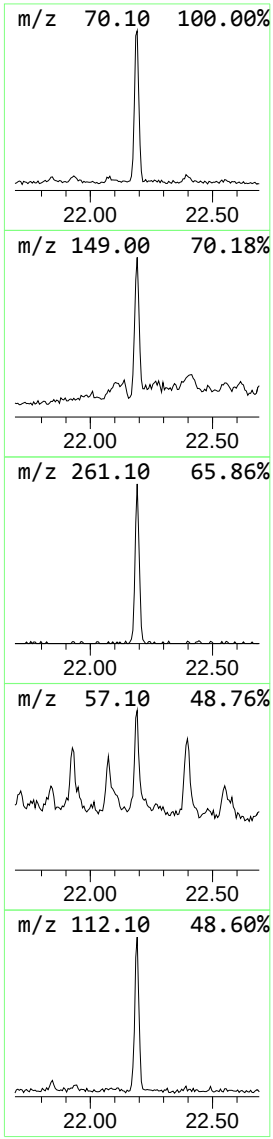
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Terephthalic acid, 2-ethylh... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.190	2.37 ng/ul	214780	Chrysene-d12	21.344

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	58
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	47
3	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	46
4	Terephthalic acid, 4-octyl octyl...	390	C24H38O4	1000323-73-7	38
5	Terephthalic acid, 3-hexyl octyl...	362	C22H34O4	1000356-23-1	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030529.D
Acq On : 22 Jun 2021 23:35
Operator : CG/JU
Sample : M2662-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB4

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	2.6	ng/ul	118584	1	7.810	917559	20.0
1-Butene, 4-met...	4.570	3.2	ng/ul	145883	1	7.810	917559	20.0
Benzene, 1,3-di...	5.460	7.6	ng/ul	347550	1	7.810	917559	20.0
o-Xylene	5.830	3.0	ng/ul	136388	1	7.810	917559	20.0
1,3,5-Triazine-...	15.850	3.7	ng/ul	336168	4	17.174	1823560	20.0
Hexanedioic aci...	20.560	24.2	ng/ul	2189640	5	21.344	1810430	20.0
Terephthalic ac...	22.190	2.4	ng/ul	214780	5	21.344	1810430	20.0