LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033378.D
Acq On : 10 Dec 2021 04:10
Operator : CG/JU
Sample : M4985-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW5Q0

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-BM120921.M
Title : SVOA CALIBRATION

Signal : TIC: BM033378.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.790	92	94	101	rVB3	49143	75581	1.97%	0.361%
2	5.419	367	371	376	rVB	29230	42855	1.12%	0.205%
3	5.548	388	393	404	rVB	91493	194847	5.07%	0.932%
4	5.919	451	456	467	rVB2	44608	73089	1.90%	0.350%
5	7.078	648	653	665	rVB2	52842	103882	2.70%	0.497%
6	7.237	674	680	689	rBV	190742	321013	8.35%	1.535%
7	7.325	693	695	701	rVB5	6096	9678	0.25%	0.046%
8	7.442	709	715	726	rVB	198148	330850	8.61%	1.582%
9	7.907	786	794	801	rBV	211581	349827	9.10%	1.673%
10	8.613	909	914	926	rVB	134694	234995	6.11%	1.124%
11	8.742	931	936	941	rVV3	8168	17116	0.45%	0.082%
12	9.007	977	981	985	rBV4	9097	14967	0.39%	0.072%
13	9.066	985	991	1000	rVB	263024	444353	11.56%	2.125%
14	9.454	1054	1057	1062	rVB3	7036	9724	0.25%	0.047%
15	9.789	1106	1114	1123	rBV	208560	360523	9.38%	1.724%
16	10.330	1199	1206	1224	rBV	233334	465092	12.10%	2.224%
17	10.507	1231	1236	1240	rBV5	4939	9448	0.25%	0.045%
18	10.701	1261	1269	1278	rBV	268074	469328	12.21%	2.245%
19	10.842	1287	1293	1307	rBV	178256	358995	9.34%	1.717%
20	12.107	1503	1508	1512	rVV4	2749	4470	0.12%	0.021%
21	12.289	1535	1539	1542	rBV3	3999	6153	0.16%	0.029%
22	13.060	1664	1670	1673	rVB5	3250	4196	0.11%	0.020%
23	13.142	1680	1684	1687	rBV5	3007	4034	0.10%	0.019%
24	13.348	1714	1719	1722	rBV	14260	20396	0.53%	0.098%
25	13.942	1812	1820	1828	rBV	529562	761956	19.83%	3.644%
26	14.054	1835	1839	1842	rVB6	3302	4537	0.12%	0.022%
27	14.171	1855	1859	1862	rBV5	8319	12783	0.33%	0.061%
28	14.224	1862	1868	1880	rVB	593551	876818	22.82%	4.194%
29	14.418	1896	1901	1906	rVB	18730	24697	0.64%	0.118%
30	14.530	1913	1920	1927	rBV	406654	593975	15.46%	2.841%
31	14.765	1953	1960	1970	rVV5	18750	56796	1.48%	0.272%
32	14.848	1972	1974	1981	rVV6	5094	10463	0.27%	0.050%
33	14.913	1983	1985	1988	rVV3	3971	4833	0.13%	0.023%
34	14.960	1988	1993	1999	rVB6	18136	32613	0.85%	0.156%
35	15.042	2003	2007	2011	rVB5	3273	5343	0.14%	0.026%
36	15.318	2049	2054	2057	rVV2	8121	12031	0.31%	0.058%

LSC Area Percent Report

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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-BM120921.M
Title : SVOA CALIBRATION

37	15.365	2057	2062	2066	rVB2	13500	21532	0.56%	0.103%
38	15.524	2081	2089	2096	rBV	733068	1110906	28.91%	5.313%
39	15.636	2103	2108	2123	rVV	225635	363083	9.45%	1.737%
40	15.760	2123	2129	2134	rVB8	4843	9748	0.25%	0.047%
41	15.877	2144	2149	2153	rVB8	4116	7966	0.21%	0.038%
42	15.936	2153	2159	2165	rBV	178492	226679	5.90%	1.084%
43	16.059	2175	2180	2183	rBV4	4371	5465	0.14%	0.026%
44	16.224	2205	2208	2216	rVV3	10118	21145	0.55%	0.101%
45	16.407	2236	2239	2243	rVB5	3744	5482	0.14%	0.026%
46	16.571	2259	2267	2268	rBV5	5817	9294	0.24%	0.044%
47	16.630	2273	2277	2279	rVB5	3528	4735	0.12%	0.023%
48	16.742	2291	2296	2297	rBV4	4416	6475	0.17%	0.031%
49	17.018	2337	2343	2347	rBV	28011	44565	1.16%	0.213%
50	17.071	2347	2352	2355	rVV6	7960	14050	0.37%	0.067%
51	17.177	2365	2370	2375	rBV6	14901	24858	0.65%	0.119%
52	17.271	2380	2386	2391	rBV	507787	716343	18.64%	3.426%
53	17.371	2397	2403	2413	rVB	874864	1307140	34.01%	6.252%
54	17.554	2430	2434	2437	rBV5	9997	16351	0.43%	0.078%
55	17.754	2464	2468	2472	rVB	29491	33890	0.88%	0.162%
56	17.924	2494	2497	2502	rBV7	11011	15622	0.41%	0.075%
57	18.153	2532	2536	2540	rVB5	16501	21648	0.56%	0.104%
58	18.389	2574	2576	2581	rVB5	19816	20133	0.52%	0.096%
59	18.442	2581	2585	2590	rBV	36902	49444	1.29%	0.236%
60	19.071	2689	2692	2696	rBV2	47939	64007	1.67%	0.306%
61	19.295	2726	2730	2731	rBV	25012	31021	0.81%	0.148%
62	19.653	2785	2791	2805	rVB	1272039	1796618	46.75%	8.593%
63	20.177	2878	2880	2884	rVB2	33186	36847	0.96%	0.176%
64	20.630	2954	2957	2961	rBV	101705	115453	3.00%	0.552%
65	21.130	3040	3042	3046	rBV3	32734	31787	0.83%	0.152%
66	21.336	3073	3077	3082	rVB	292775	313388	8.15%	1.499%
67	21.430	3088	3093	3099	rBV	665896	919871	23.94%	4.400%
68	22.283	3235	3238	3244	rBV	217812	284844	7.41%	1.362%
69	22.571	3283	3287	3294	rVB	285939	371402	9.66%	1.776%
70	23.606	3456	3463	3474	rVB2	931105	1823728	47.46%	8.723%
71	23.753	3482	3488	3502	rVB2	440600	897430	23.35%	4.292%
72	27.423	4101	4112	4129	rVB	1205782	3842948	100.00%	18.380%

Sum of corrected areas: 20908155

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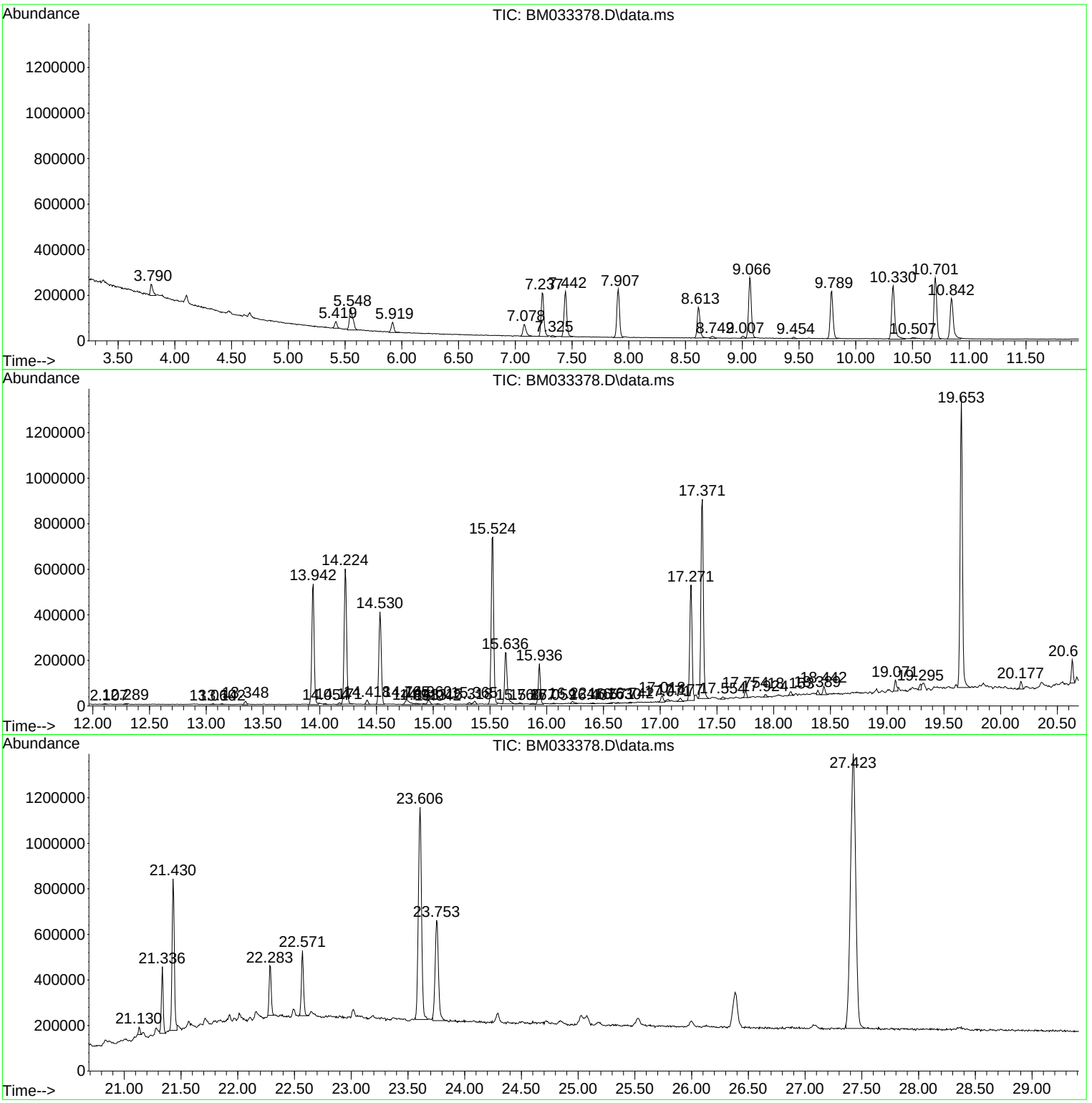
ClientSampleId :
EW5Q0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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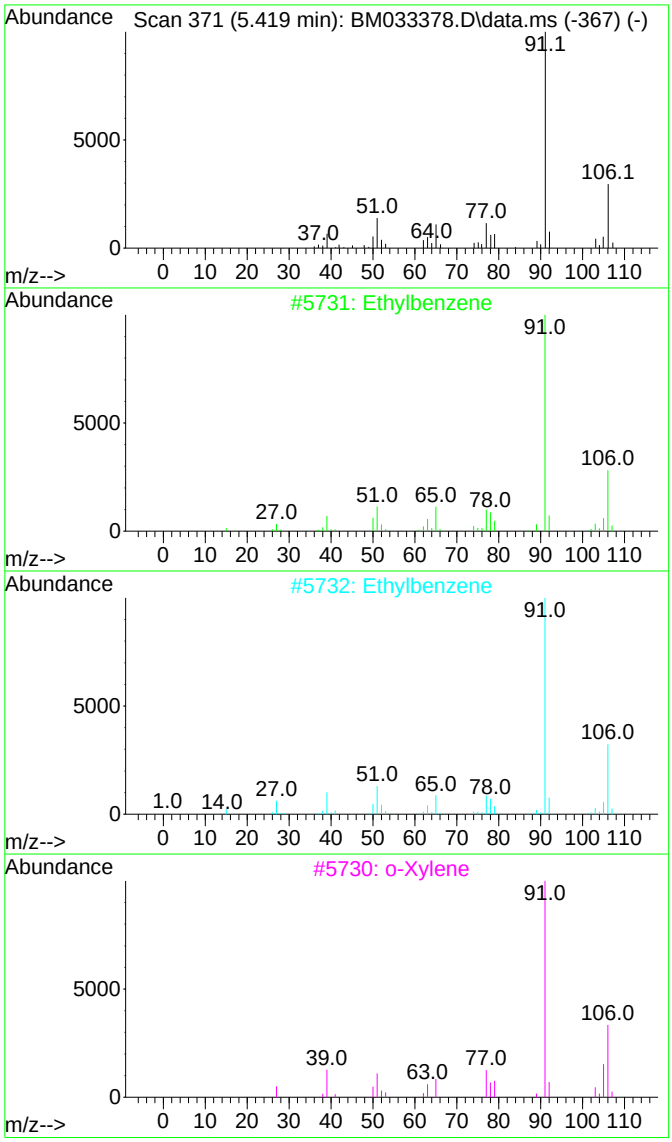
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

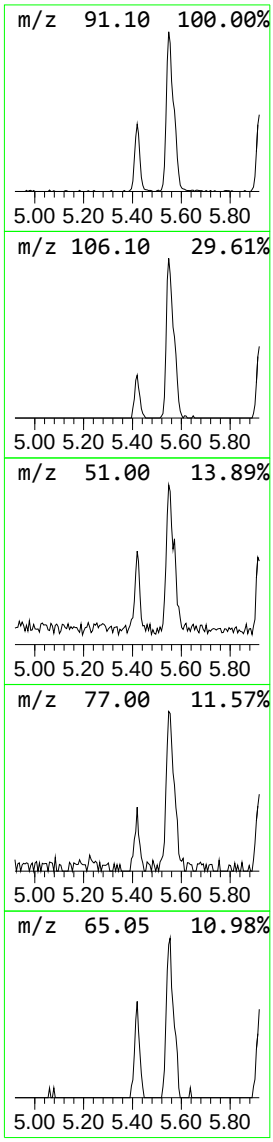
****

Peak Number 1 Ethylbenzene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.419	2.45 ng/ul	42855	1,4-Dichlorobenzene-d4	7.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	93
2	Ethylbenzene	106	C8H10	000100-41-4	91
3	o-Xylene	106	C8H10	000095-47-6	91
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	p-Xylene	106	C8H10	000106-42-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033378.D
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Operator : CG/JU
Sample : M4985-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5Q0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

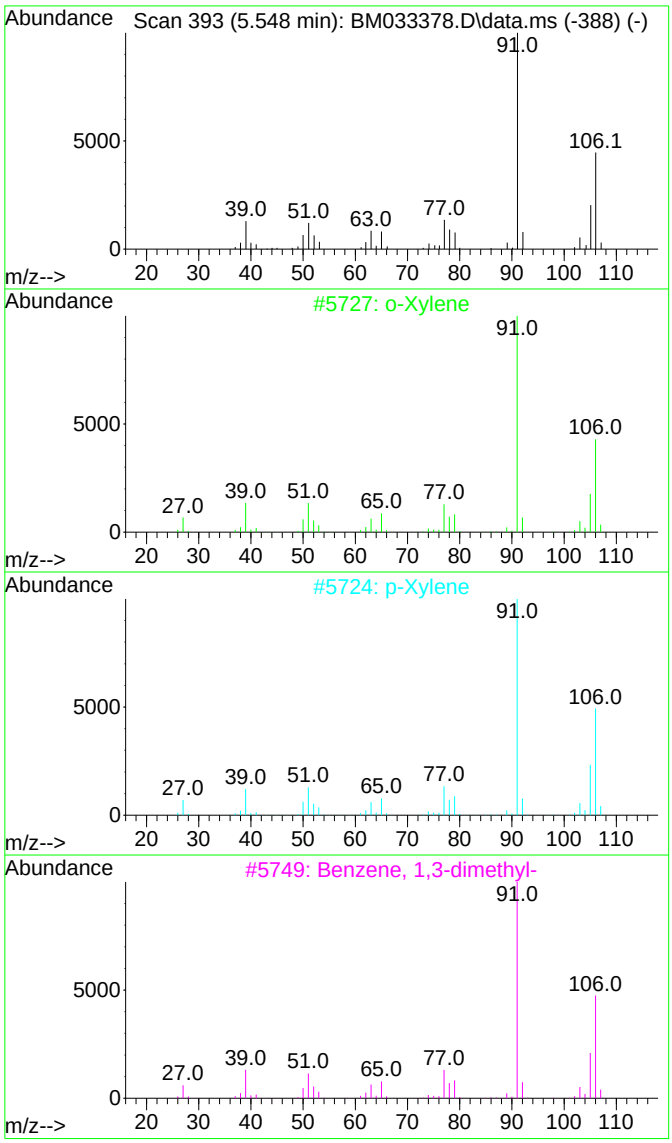
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

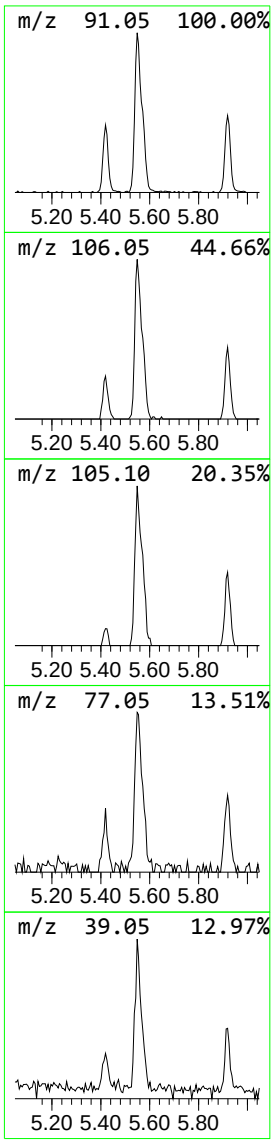
****

Peak Number 2 o-Xylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.548	11.14 ng/ul	194847	1,4-Dichlorobenzene-d4	7.907

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	o-Xylene	106	C8H10	000095-47-6	95
5	o-Xylene	106	C8H10	000095-47-6	95





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Operator : CG/JU
Sample : M4985-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5Q0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

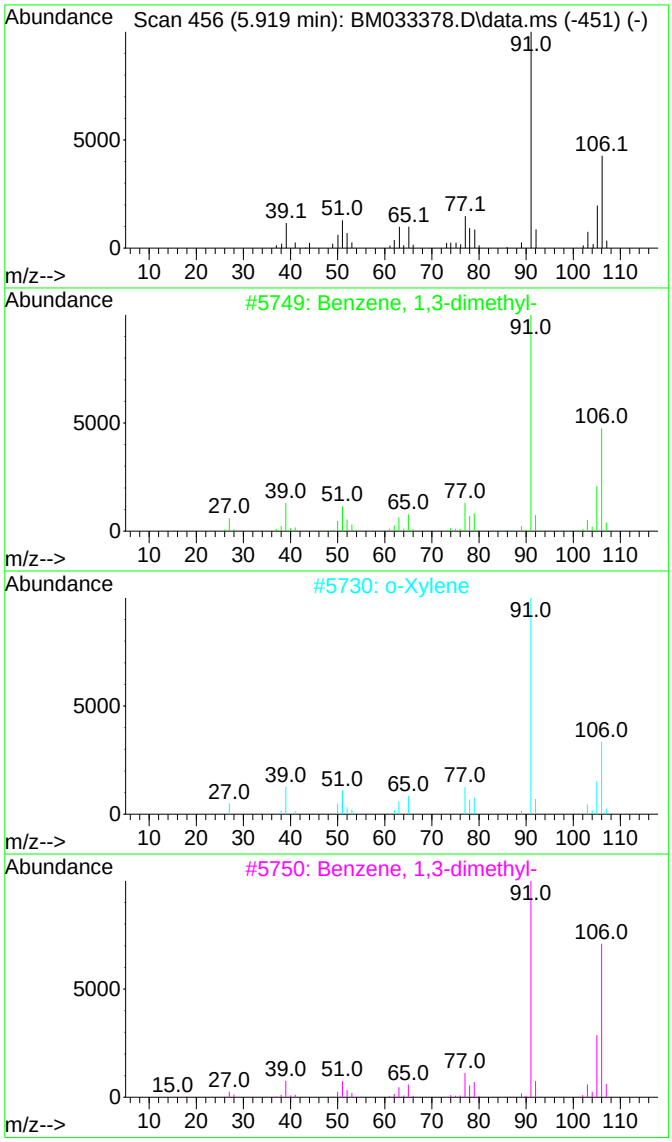
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

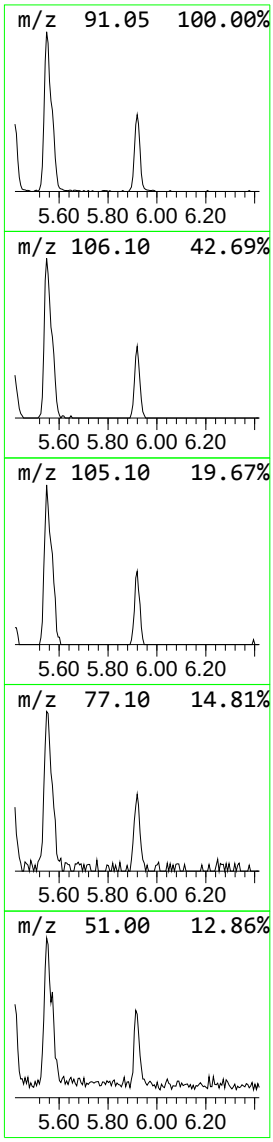
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.919	4.18 ng/ul	73089	1,4-Dichlorobenzene-d4	7.907

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	95
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
4	p-Xylene	106	C8H10	000106-42-3	95
5	p-Xylene	106	C8H10	000106-42-3	95





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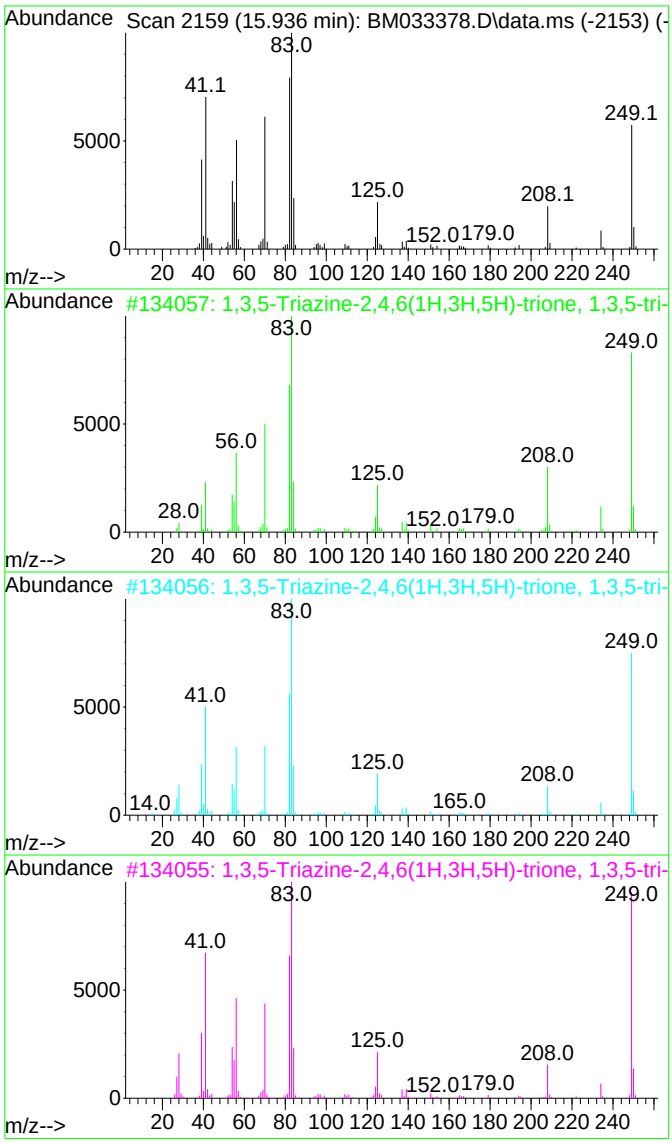
Quant Title : SVOA CALIBRATION

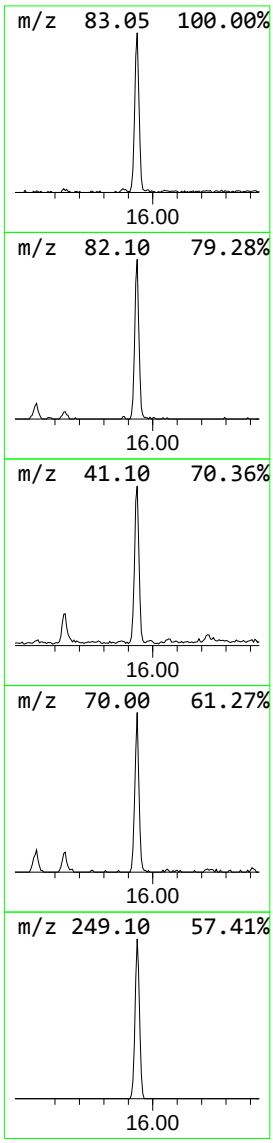
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.936	6.33 ng/ul	226679	Phenanthrene-d10	17.271

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	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	95
5	12-Octadecenal	266	C18H34O	056554-91-7	38





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BNA_M
ClientSampleId :
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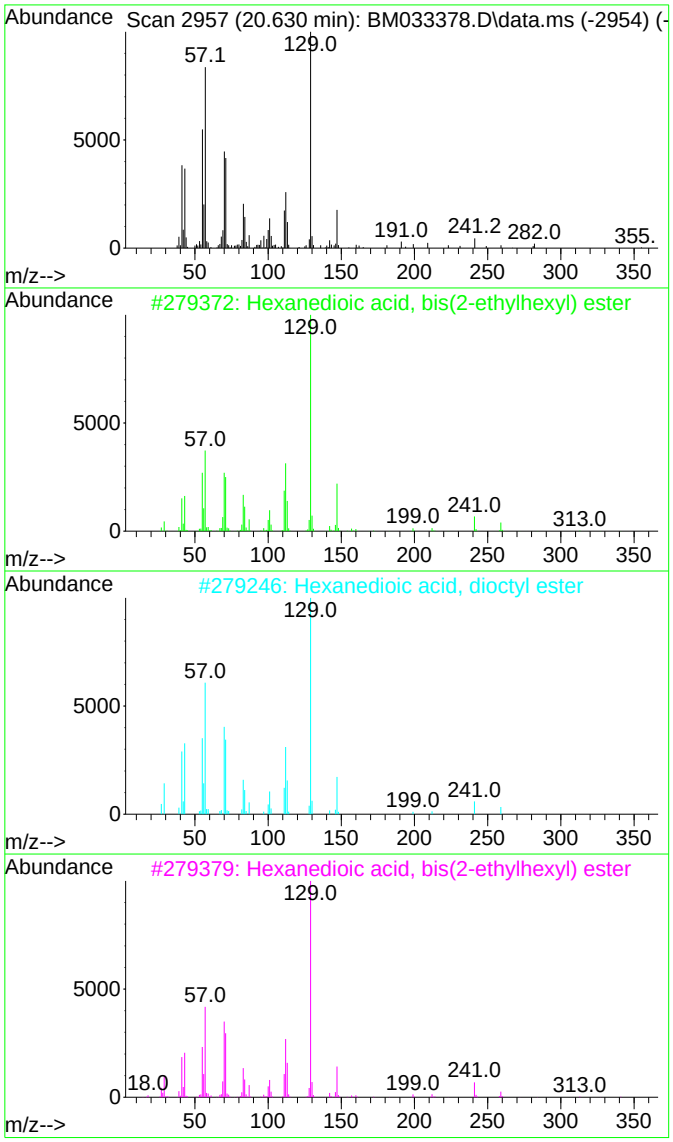
Quant Title : SVOA CALIBRATION

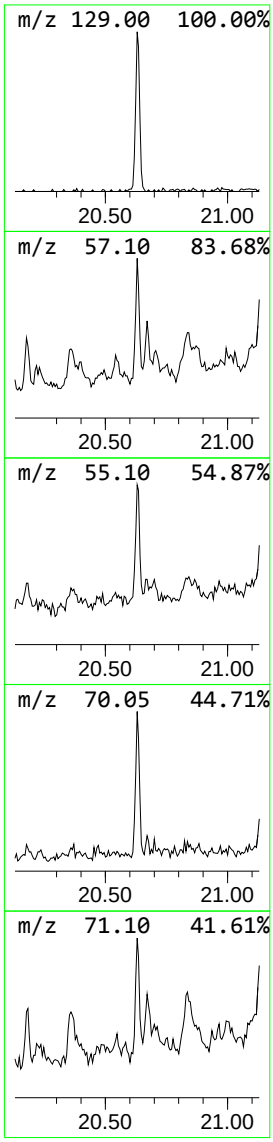
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexanedioic acid, bis(2-eth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.630	2.51 ng/ul	115453	Chrysene-d12	21.430

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	91
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
4	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	83
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	74





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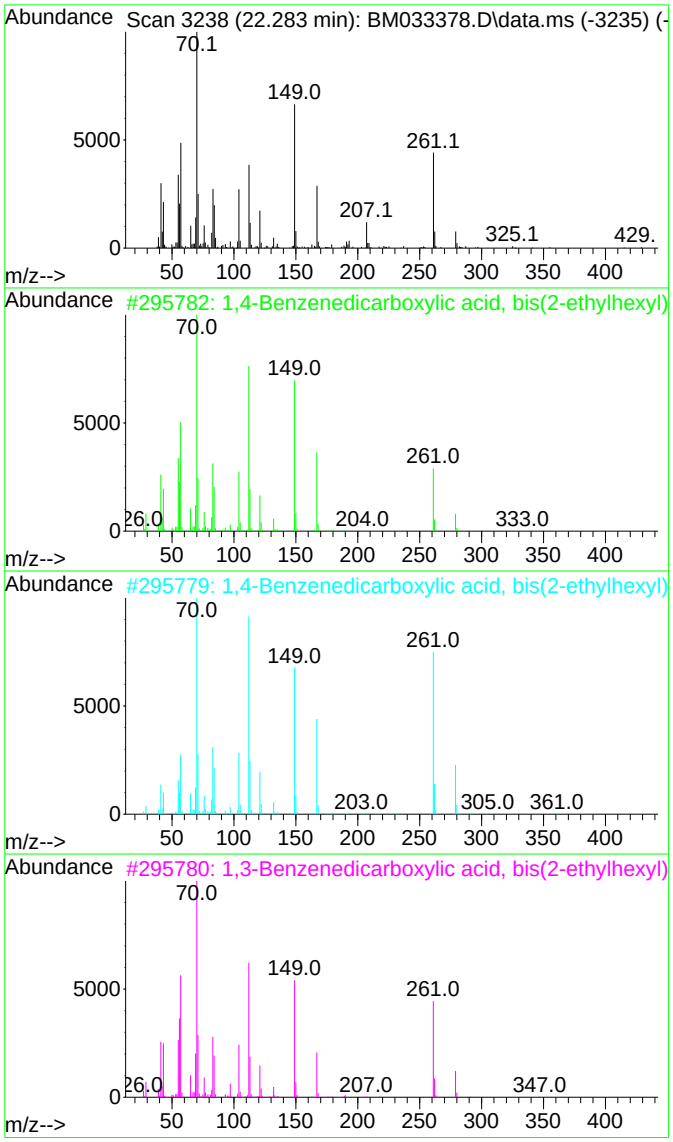
Quant Title : SVOA CALIBRATION

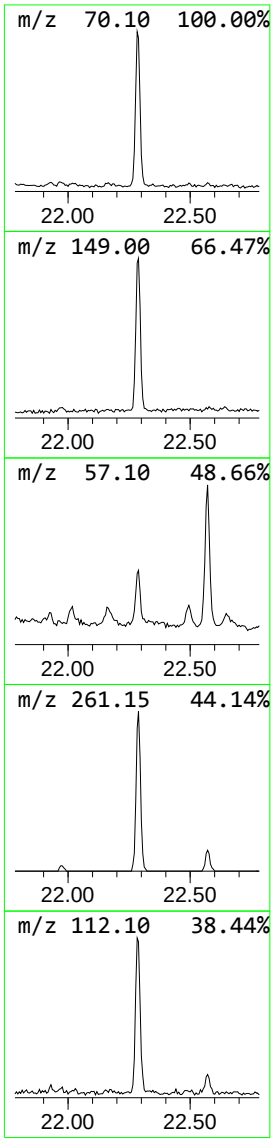
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,4-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.283	6.19 ng/ul	284844	Chrysene-d12	21.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	64
2	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	53
3	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	43
4	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	43
5	2-Ethylhexyl acrylate	184	C11H20O2	000103-11-7	32





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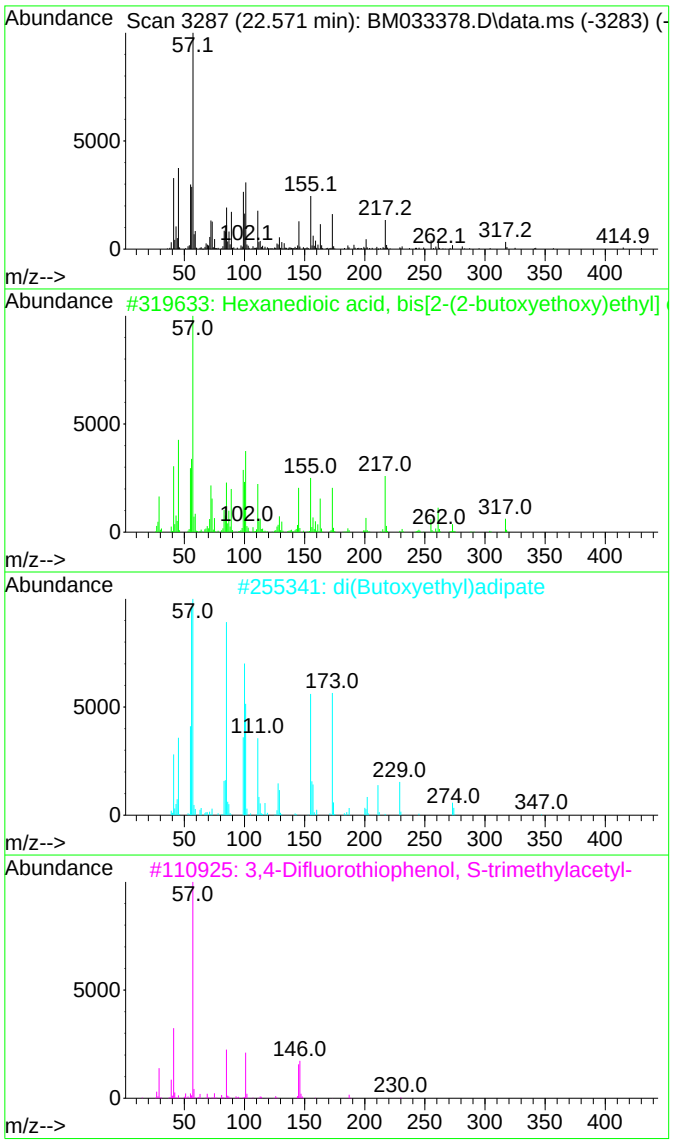
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

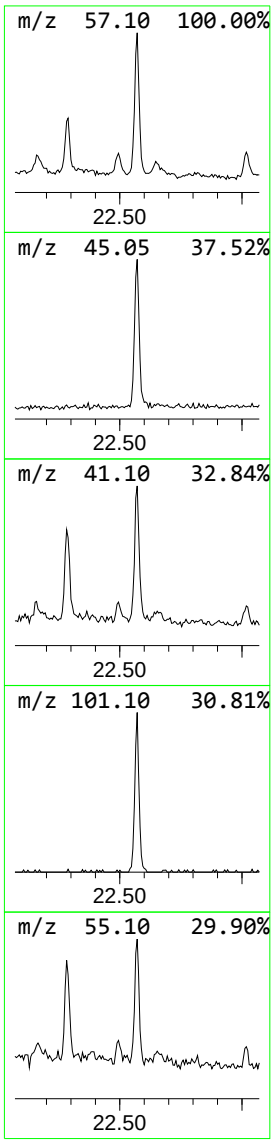
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexanedioic acid, bis[2-(2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.571	8.08 ng/ul	371402	Chrysene-d12	21.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis[2-(2-butox...	434	C22H42O8	000141-17-3	87
2	di(Butoxyethyl)adipate	346	C18H34O6	000141-18-4	32
3	3,4-Difluorothiophenol, S-trimet...	230	C11H12F2OS	1000470-51-6	18
4	di(Butoxyethyl)adipate	346	C18H34O6	000141-18-4	17
5	di(Butoxyethyl)adipate	346	C18H34O6	000141-18-4	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033378.D
Acq On : 10 Dec 2021 04:10
Operator : CG/JU
Sample : M4985-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5Q0

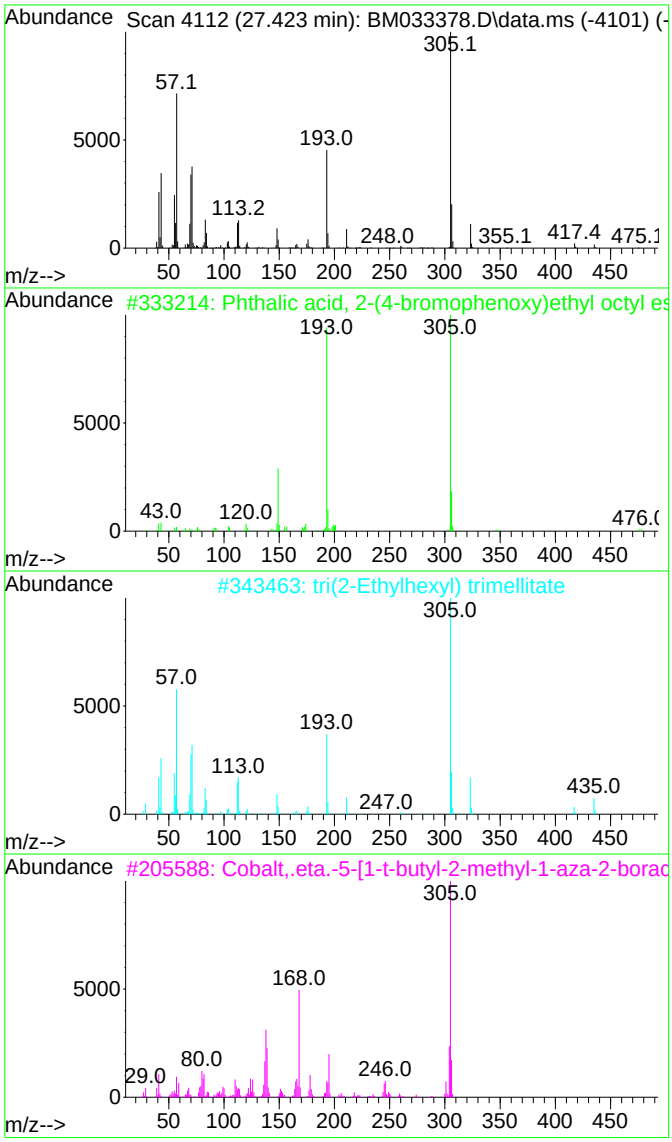
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

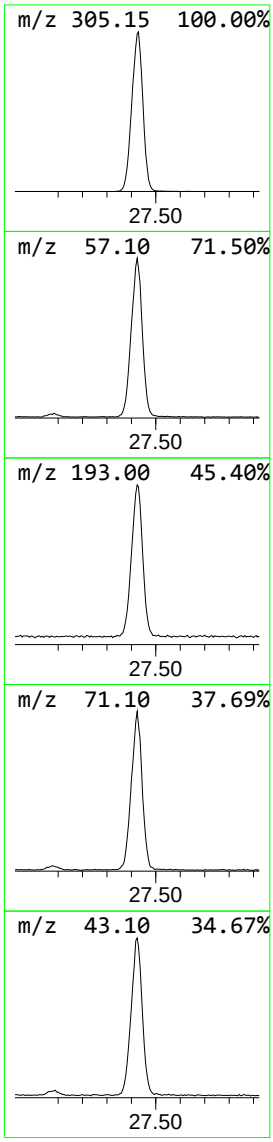
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phthalic acid, 2-(4-bromoph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.424	85.64 ng/ul	3842950	Perylene-d12	23.753

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-(4-bromophenoxy...	476	C24H29BrO5	1010382-89-7	59
2	tri(2-Ethylhexyl) trimellitate	546	C33H54O6	003319-31-1	47
3	Cobalt,.eta.-5-[1-t-butyl-2-meth...	305	C16H29BCoN	1000161-32-8	25
4	4-(Morpholin-4-yl)-6-(2-phenylet...	305	C18H15N3O2	1000387-57-0	23
5	1-Diisopropyloctylsilyloxy-3,5-d...	348	C22H40OSi	1000307-85-1	23





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033378.D
Acq On : 10 Dec 2021 04:10
Operator : CG/JU
Sample : M4985-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5Q0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethylbenzene	5.419	2.5	ng/ul	42855	1	7.907	349827	20.0
o-Xylene	5.548	11.1	ng/ul	194847	1	7.907	349827	20.0
Benzene, 1,3-di...	5.919	4.2	ng/ul	73089	1	7.907	349827	20.0
1,3,5-Triazine-...	15.936	6.3	ng/ul	226679	4	17.271	716343	20.0
Hexanedioic aci...	20.630	2.5	ng/ul	115453	5	21.430	919871	20.0
1,4-Benzenedica...	22.283	6.2	ng/ul	284844	5	21.430	919871	20.0
Hexanedioic aci...	22.571	8.1	ng/ul	371402	5	21.430	919871	20.0
Phthalic acid, ...	27.424	85.6	ng/ul	3842950	6	23.753	897430	20.0