LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033380.D
Acq On : 10 Dec 2021 05:22
Operator : CG/JU
Sample : M4985-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW5P9

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: BM033380.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.331	13	16	21	rBV2	112995	138781	6.96%	0.729%
2	4.625	232	236	248	rVB2	245178	425824	21.35%	2.237%
3	5.419	368	371	380	rVB3	36203	58402	2.93%	0.307%
4	5.548	389	393	404	rVB	97958	202298	10.14%	1.063%
5	5.919	452	456	463	rVB2	45731	73055	3.66%	0.384%
6	7.078	648	653	663	rVB	53825	96408	4.83%	0.506%
7	7.237	674	680	690	rBV	205953	347899	17.45%	1.827%
8	7.442	708	715	724	rVB	214235	356048	17.85%	1.870%
9	7.907	787	794	803	rBV	219850	361426	18.12%	1.899%
10	8.160	835	837	840	rVB2	3373	3610	0.18%	0.019%
11	8.495	891	894	896	rBV2	1808	2202	0.11%	0.012%
12	8.613	909	914	924	rBV	148719	254807	12.78%	1.338%
13	8.736	930	935	940	rBV3	8557	13618	0.68%	0.072%
14	9.007	977	981	985	rBV3	9395	13944	0.70%	0.073%
15	9.066	985	991	1004	rVB	277274	476644	23.90%	2.504%
16	9.448	1053	1056	1062	rVB5	5666	8606	0.43%	0.045%
17	9.578	1075	1078	1080	rBV3	1432	2005	0.10%	0.011%
18	9.789	1107	1114	1122	rVV	212273	373142	18.71%	1.960%
19	10.066	1156	1161	1162	rBV5	1516	2226	0.11%	0.012%
20	10.183	1178	1181	1186	rBV2	1475	2028	0.10%	0.011%
21	10.325	1195	1205	1223	rBV	253178	499768	25.06%	2.625%
22	10.701	1262	1269	1276	rBV	285241	483438	24.24%	2.539%
23	10.842	1286	1293	1308	rBV	198739	399277	20.02%	2.097%
24	11.330	1370	1376	1379	rBV3	1662	2690	0.13%	0.014%
25	11.483	1397	1402	1405	rBV2	1288	2532	0.13%	0.013%
26	11.889	1468	1471	1474	rBV2	1820	2602	0.13%	0.014%
27	12.107	1507	1508	1515	rVB3	2242	3099	0.16%	0.016%
28	12.295	1532	1540	1545	rBV6	4344	9135	0.46%	0.048%
29	13.054	1668	1669	1673	rVB3	2543	2553	0.13%	0.013%
30	13.136	1679	1683	1687	rVB4	4051	5879	0.29%	0.031%
31	13.266	1702	1705	1709	rBV3	1207	2228	0.11%	0.012%
32	13.348	1712	1719	1723	rVV2	14535	22001	1.10%	0.116%
33	13.377	1723	1724	1727	rVB2	2585	2338	0.12%	0.012%
34	13.942	1814	1820	1827	rBV	574055	823102	41.27%	4.324%
35	14.048	1833	1838	1843	rVB4	2943	4501	0.23%	0.024%
36	14.171	1856	1859	1862	rBV3	8787	13273	0.67%	0.070%

LSC Area Percent Report

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Sample : M4985-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5P9

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	14.224	1862	1868	1878	rVB	627925	943208	47.30%	4.955%
38	14.418	1896	1901	1906	rVB	21474	27047	1.36%	0.142%
39	14.530	1914	1920	1927	rBV	419912	637053	31.94%	3.346%
40	14.765	1954	1960	1973	rBV4	19248	54512	2.73%	0.286%
41	14.960	1989	1993	1999	rVB6	13774	26118	1.31%	0.137%
42	15.018	1999	2003	2004	rBV2	2102	3008	0.15%	0.016%
43	15.030	2004	2005	2012	rVB5	3967	5116	0.26%	0.027%
44	15.107	2014	2018	2020	rBV5	2758	3990	0.20%	0.021%
45	15.160	2025	2027	2030	rVB3	2379	2210	0.11%	0.012%
46	15.236	2039	2040	2044	rBV4	2363	2143	0.11%	0.011%
47	15.318	2050	2054	2057	rBV3	9146	14169	0.71%	0.074%
48	15.365	2057	2062	2067	rVB2	18175	25904	1.30%	0.136%
49	15.524	2083	2089	2101	rVV	832990	1224750	61.41%	6.434%
50	15.636	2103	2108	2120	rVV	265604	401949	20.16%	2.111%
51	15.760	2123	2129	2135	rVB7	6064	13203	0.66%	0.069%
52	15.807	2135	2137	2140	rBV3	2117	2638	0.13%	0.014%
53	15.877	2145	2149	2153	rBV4	3538	4939	0.25%	0.026%
54	15.936	2153	2159	2165	rBV	188081	247856	12.43%	1.302%
55	15.989	2165	2168	2173	rVB5	3912	5383	0.27%	0.028%
56	16.059	2173	2180	2183	rBV6	5072	8827	0.44%	0.046%
57	16.148	2193	2195	2198	rVB4	2866	3233	0.16%	0.017%
58	16.171	2198	2199	2201	rBV2	2105	2104	0.11%	0.011%
59	16.201	2201	2204	2205	rBV3	2159	2622	0.13%	0.014%
60	16.224	2205	2208	2211	rBV4	8665	10462	0.52%	0.055%
61	16.412	2234	2240	2243	rBV8	5318	8114	0.41%	0.043%
62	16.489	2247	2253	2255	rBV5	2550	4593	0.23%	0.024%
63	16.565	2259	2266	2271	rBV10	5969	15365	0.77%	0.081%
64	16.624	2274	2276	2279	rVB3	2821	2741	0.14%	0.014%
65	16.689	2283	2287	2289	rVB5	3100	4031	0.20%	0.021%
66	16.724	2291	2293	2294	rBV2	4172	4156	0.21%	0.022%
67	16.742	2294	2296	2298	rVB2	3130	2676	0.13%	0.014%
68	16.795	2302	2305	2307	rBV3	4881	6276	0.31%	0.033%
69	17.018	2338	2343	2346	rBV	28680	37922	1.90%	0.199%
70	17.065	2347	2351	2356	rVB5	11557	18230	0.91%	0.096%
71	17.177	2366	2370	2377	rVB5	16762	23673	1.19%	0.124%
72	17.271	2380	2386	2392	rBV	532073	777618	38.99%	4.085%
73	17.371	2396	2403	2411	rVV	990355	1466167	73.52%	7.702%
74	17.554	2430	2434	2439	rVB5	12138	17685	0.89%	0.093%
75	17.612	2442	2444	2450	rBV6	6272	9993	0.50%	0.052%
76	17.754	2464	2468	2472	rBV	33880	41049	2.06%	0.216%

LSC Area Percent Report

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Sample : M4985-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EW5P9

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-BM120921.M
Title : SVOA CALIBRATION

77	18.148	2532	2535	2540	rBV6	15867	23808	1.19%	0.125%
78	18.389	2573	2576	2580	rVB4	19829	22233	1.11%	0.117%
79	18.442	2581	2585	2589	rBV2	41420	51656	2.59%	0.271%
80	19.071	2688	2692	2695	rBV	56470	75689	3.80%	0.398%
81	19.653	2785	2791	2801	rVB	1403987	1923552	96.46%	10.104%
82	20.177	2877	2880	2884	rBV2	32311	37882	1.90%	0.199%
83	20.353	2908	2910	2916	rBV5	18826	32743	1.64%	0.172%
84	20.630	2954	2957	2961	rBV	119784	134071	6.72%	0.704%
85	21.130	3040	3042	3045	rBV3	41556	41575	2.08%	0.218%
86	21.336	3073	3077	3082	rVB	296263	320511	16.07%	1.684%
87	21.430	3088	3093	3100	rBV	710309	952803	47.78%	5.005%
88	22.283	3235	3238	3247	rVB	193652	264034	13.24%	1.387%
89	23.606	3456	3463	3473	rVB2	1012633	1994242	100.00%	10.476%
90	23.753	3482	3488	3502	rVB2	468378	965409	48.41%	5.071%
91	27.412	4104	4110	4125	rVB3	188123	592727	29.72%	3.114%

Sum of corrected areas: 19037057

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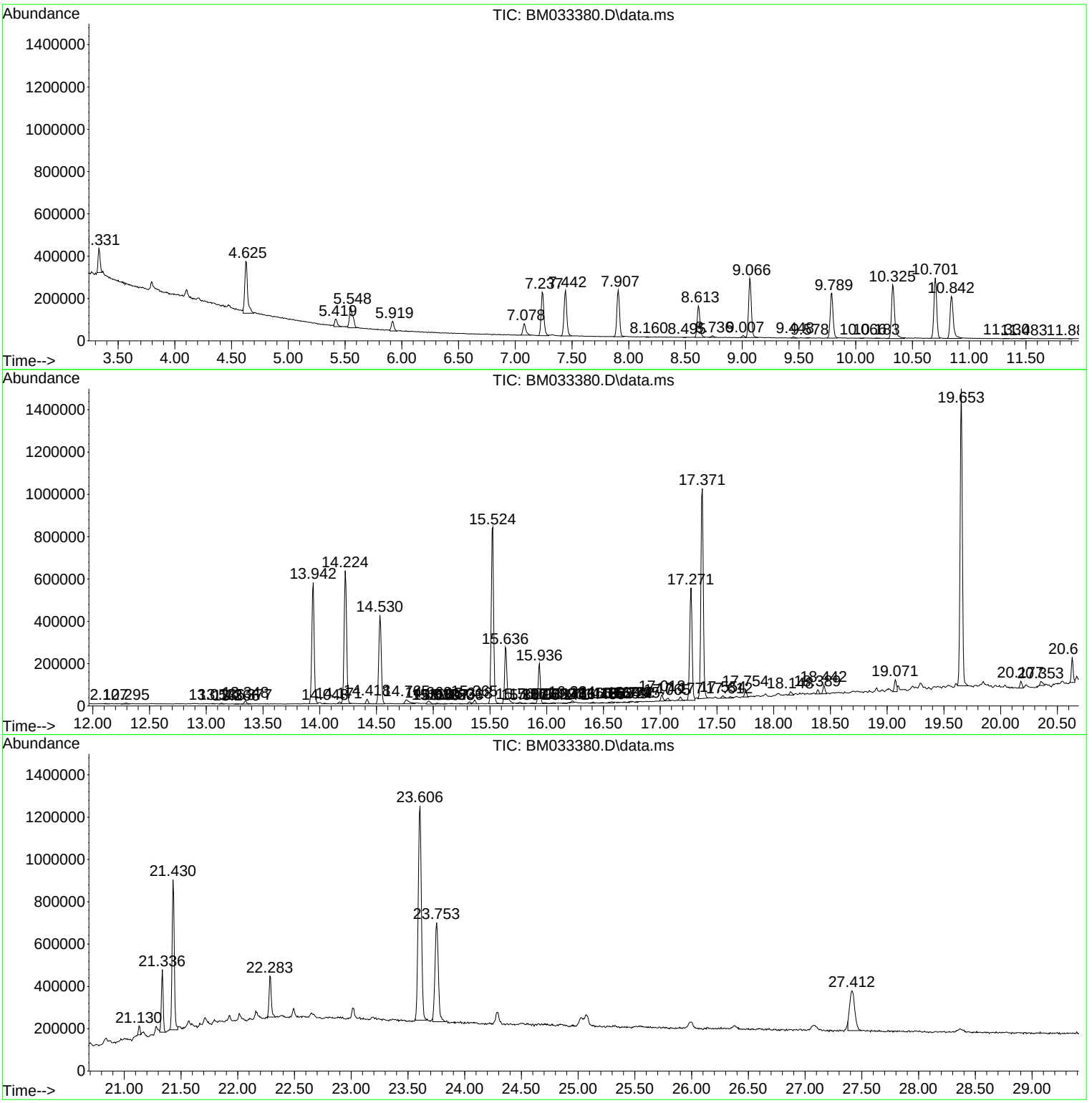
Instrument :
BNA_M
ClientSampleId :
EW5P9

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033380.D
Acq On : 10 Dec 2021 05:22
Operator : CG/JU
Sample : M4985-03
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Quant Title : SVOA CALIBRATION

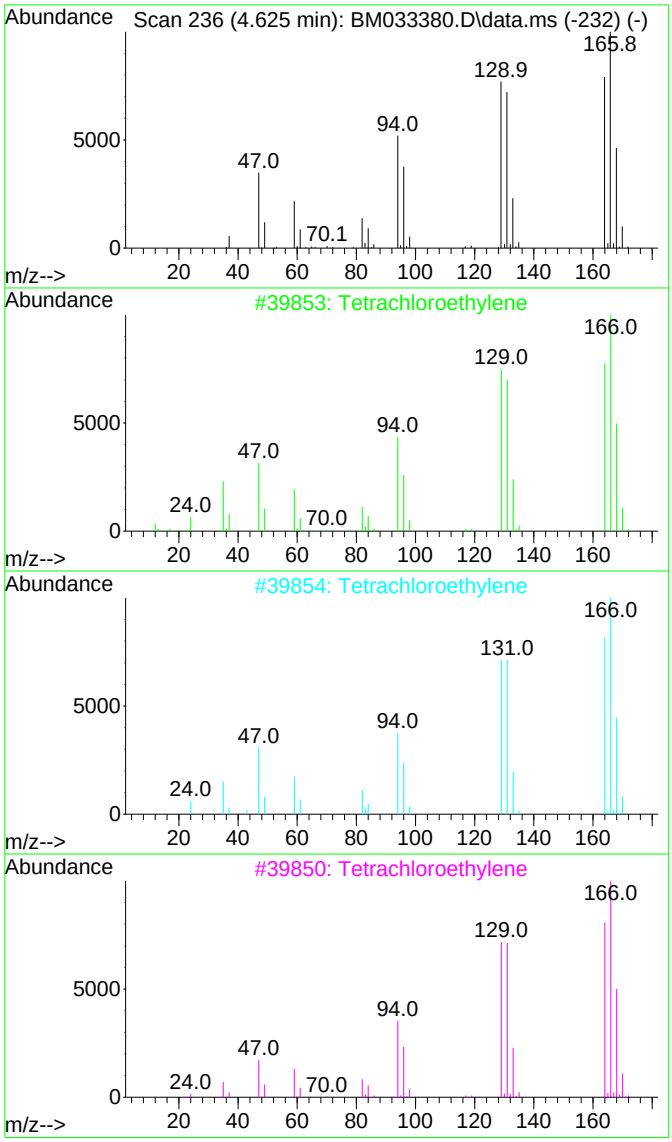
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

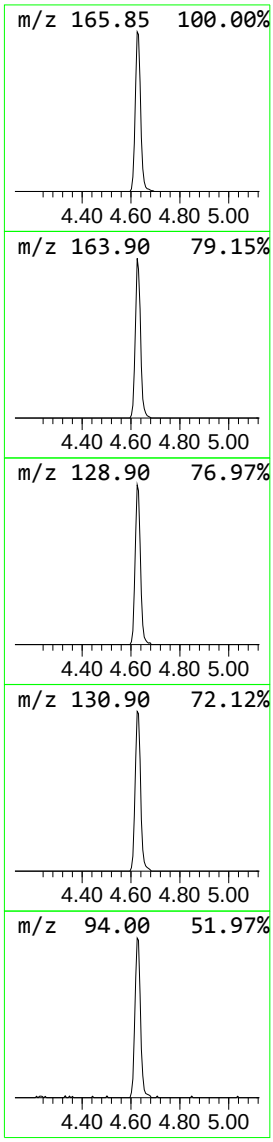
****

Peak Number 1 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.625	23.56 ng/ul	425824	1,4-Dichlorobenzene-d4	7.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033380.D
Acq On : 10 Dec 2021 05:22
Operator : CG/JU
Sample : M4985-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5P9

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

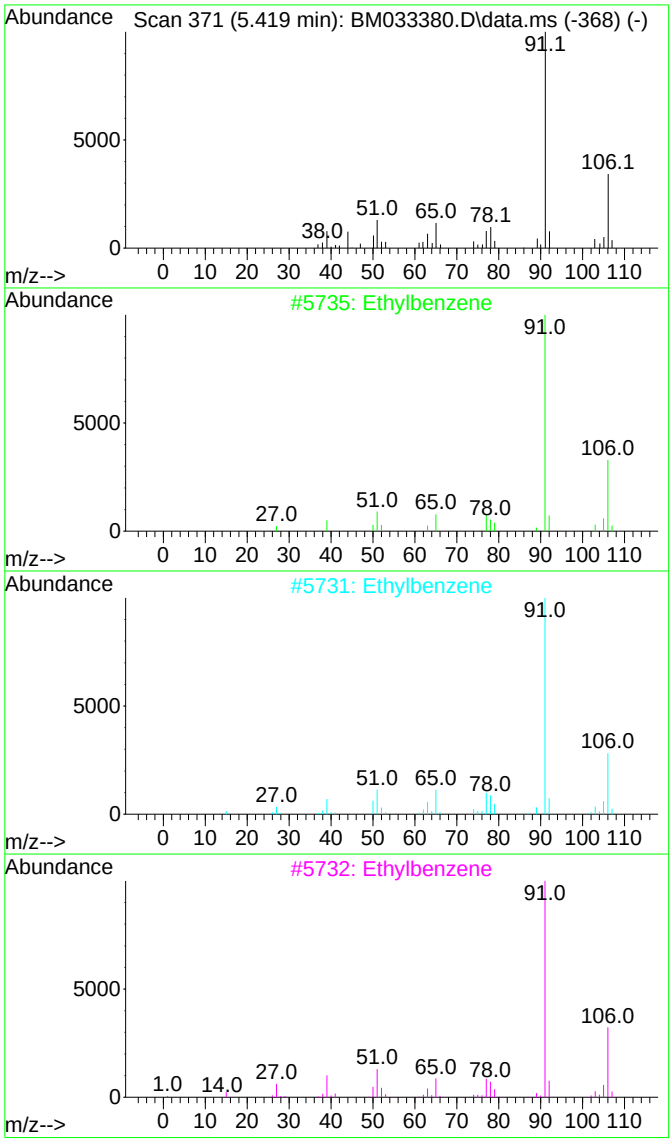
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

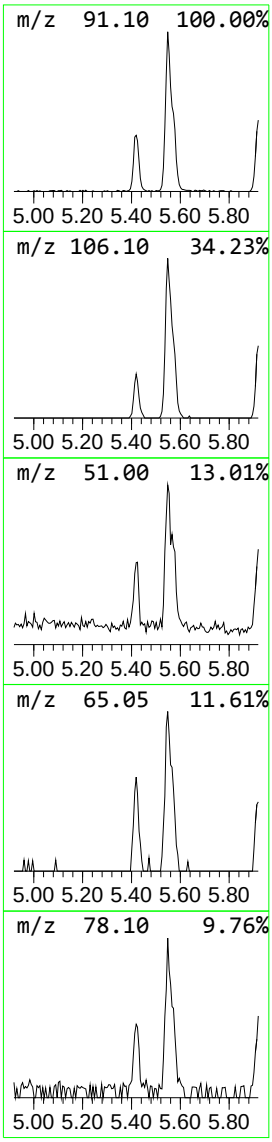
****

Peak Number 2 Ethylbenzene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.419	3.23 ng/ul	58402	1,4-Dichlorobenzene-d4	7.907

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
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Misc :
ALS Vial : 35 Sample Multiplier: 1

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

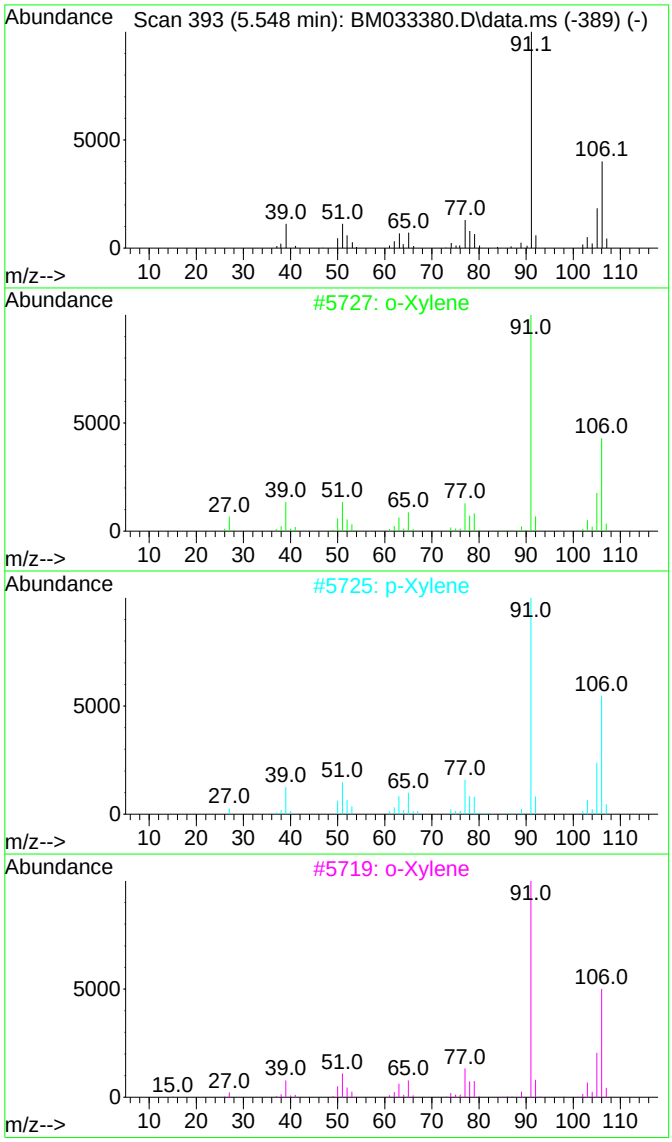
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

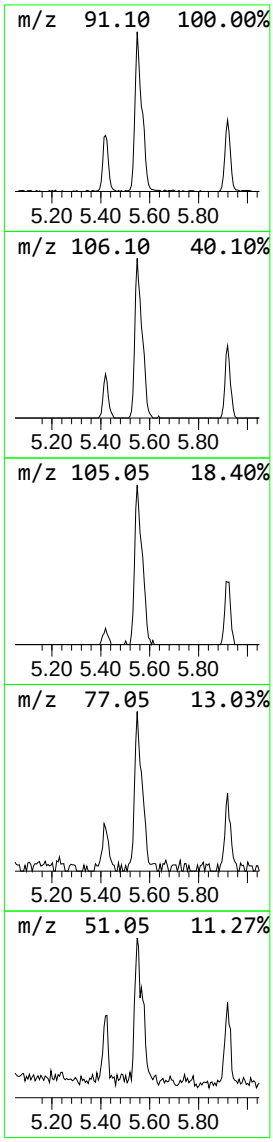
****

Peak Number 3 o-Xylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.548	11.19 ng/ul	202298	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	o-Xylene	106	C8H10	000095-47-6	97
4	p-Xylene	106	C8H10	000106-42-3	97
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97





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ALS Vial : 35 Sample Multiplier: 1

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

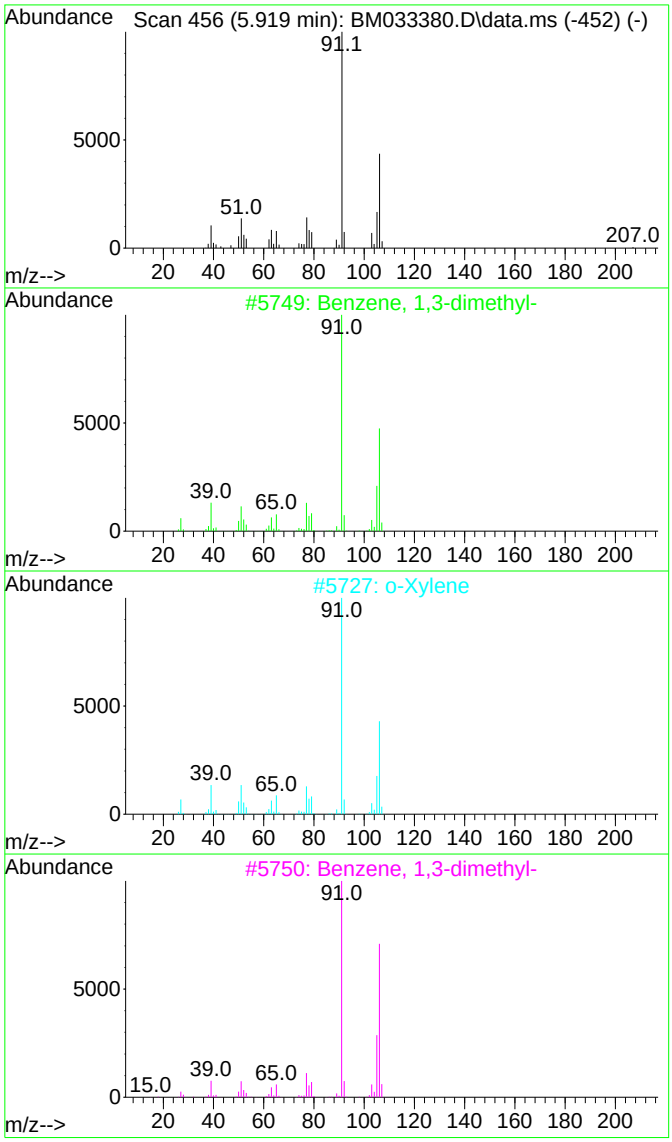
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

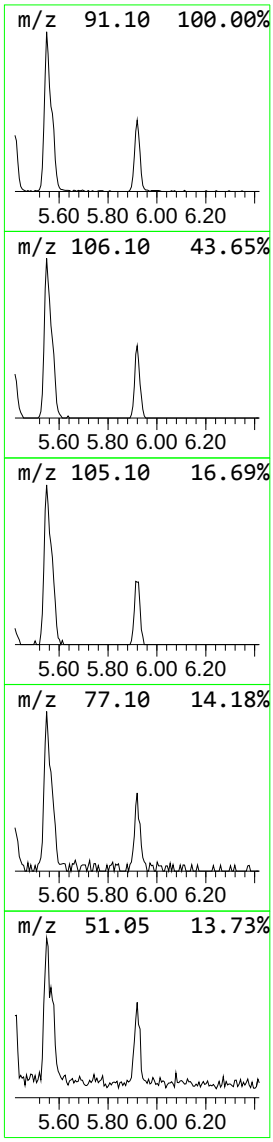
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.919	4.04 ng/ul	73055	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	95
2	o-Xylene	106	C8H10	000095-47-6	95
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
4	p-Xylene	106	C8H10	000106-42-3	94
5	o-Xylene	106	C8H10	000095-47-6	94





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ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5P9

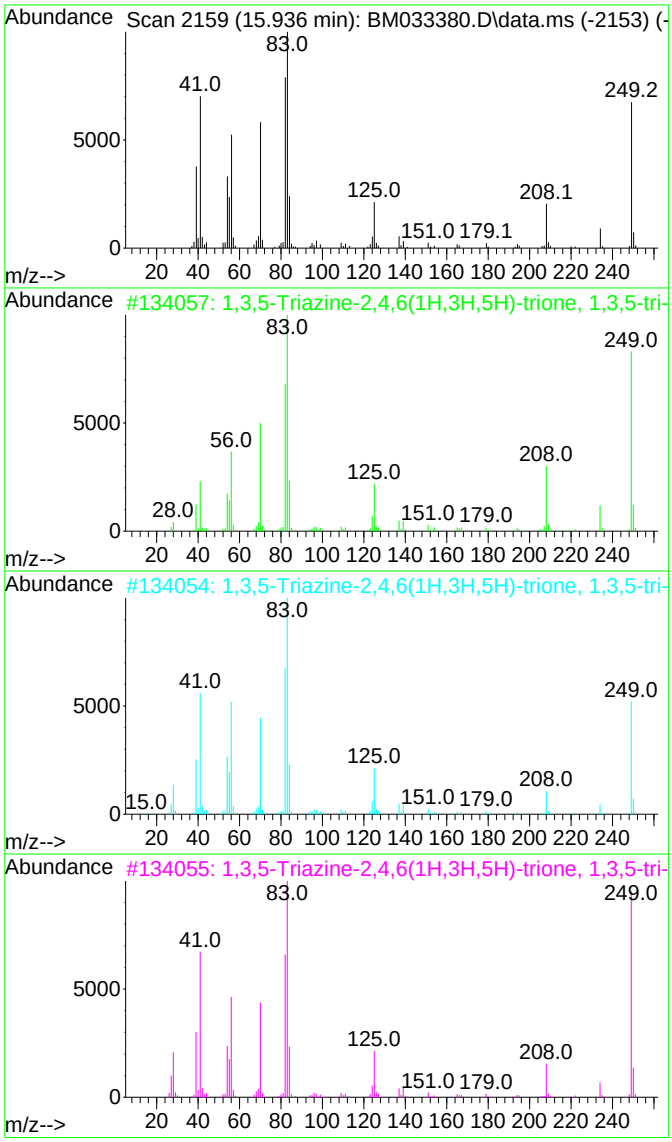
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

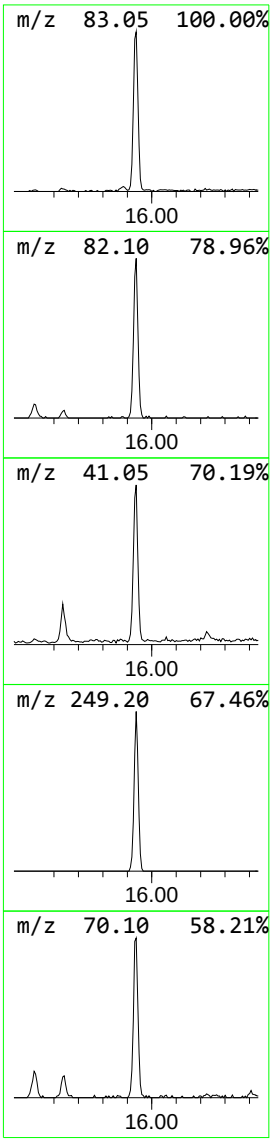
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.936	6.37 ng/ul	247856	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	97
2	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	95
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	86
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
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Misc :
ALS Vial : 35 Sample Multiplier: 1

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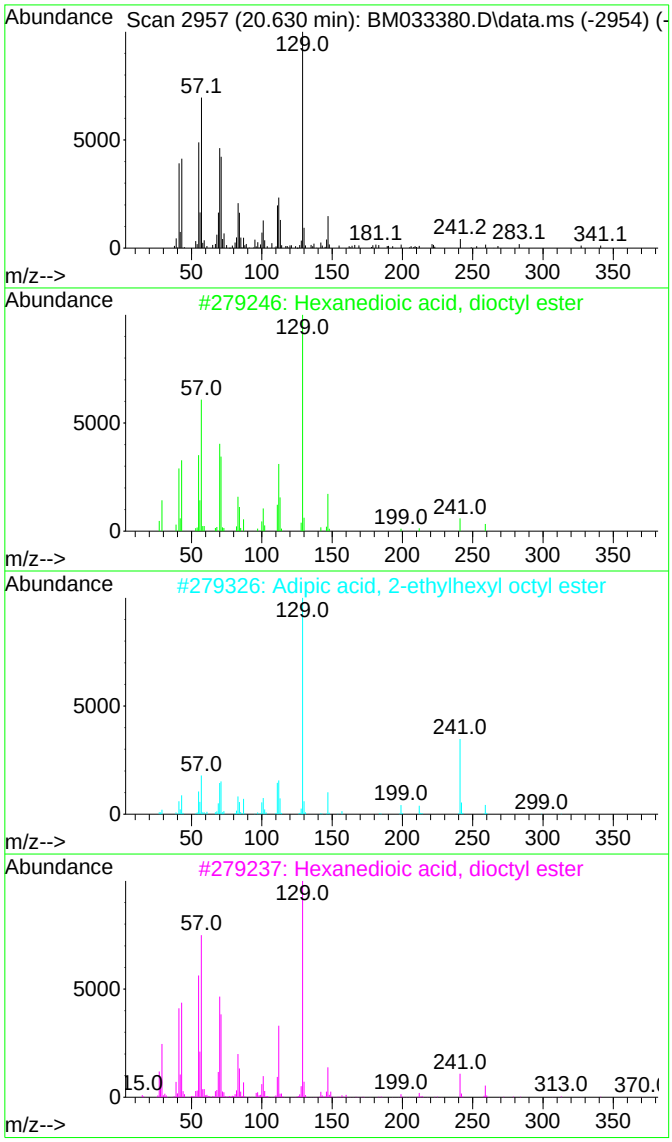
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

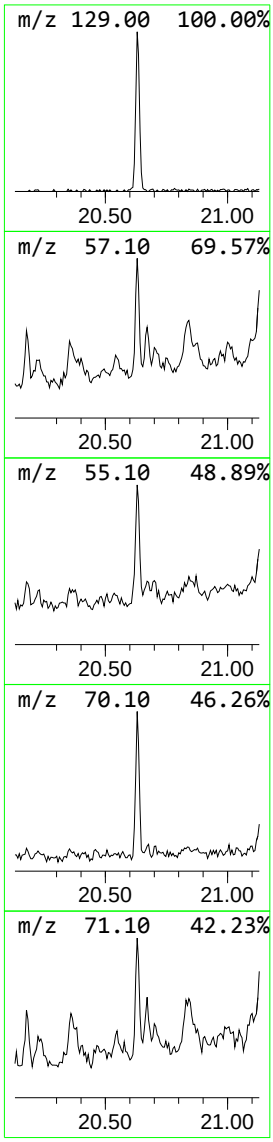
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexanedioic acid, dioctyl e... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.630	2.81 ng/ul	134071	Chrysene-d12	21.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	91
2	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	72
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	59
5	Diisooctyl adipate	370	C22H42O4	001330-86-5	52





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Acq On : 10 Dec 2021 05:22
Operator : CG/JU
Sample : M4985-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5P9

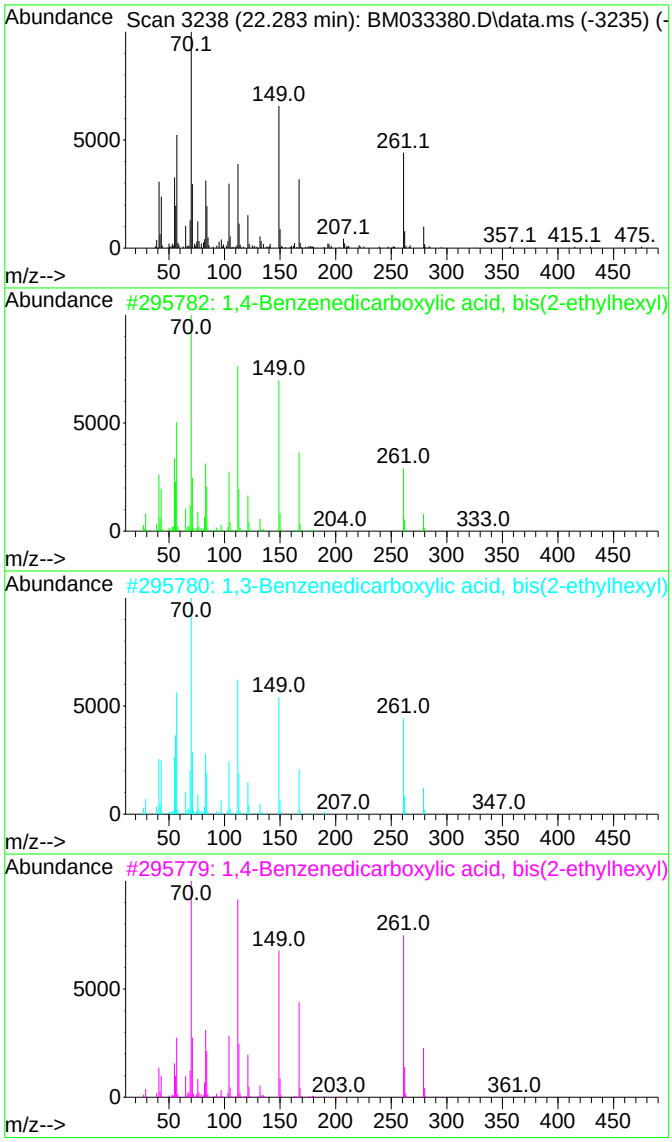
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

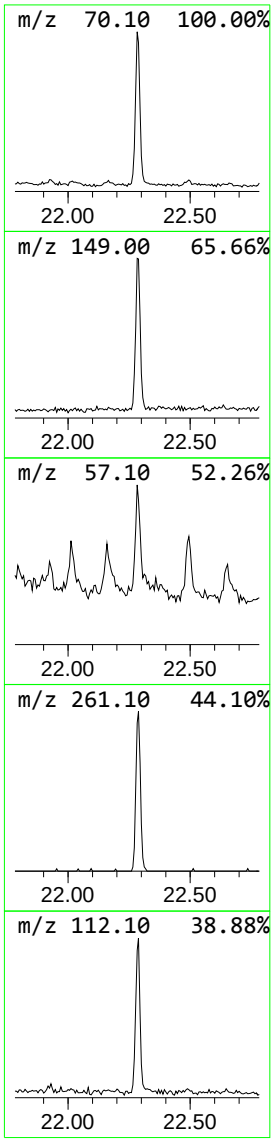
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,4-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.283	5.54 ng/ul	264034	Chrysene-d12	21.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	76
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	64
3	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	52
4	Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	38
5	2-Propenoic acid, 2-methyl-, oct...	198	C12H22O2	002157-01-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033380.D
Acq On : 10 Dec 2021 05:22
Operator : CG/JU
Sample : M4985-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5P9

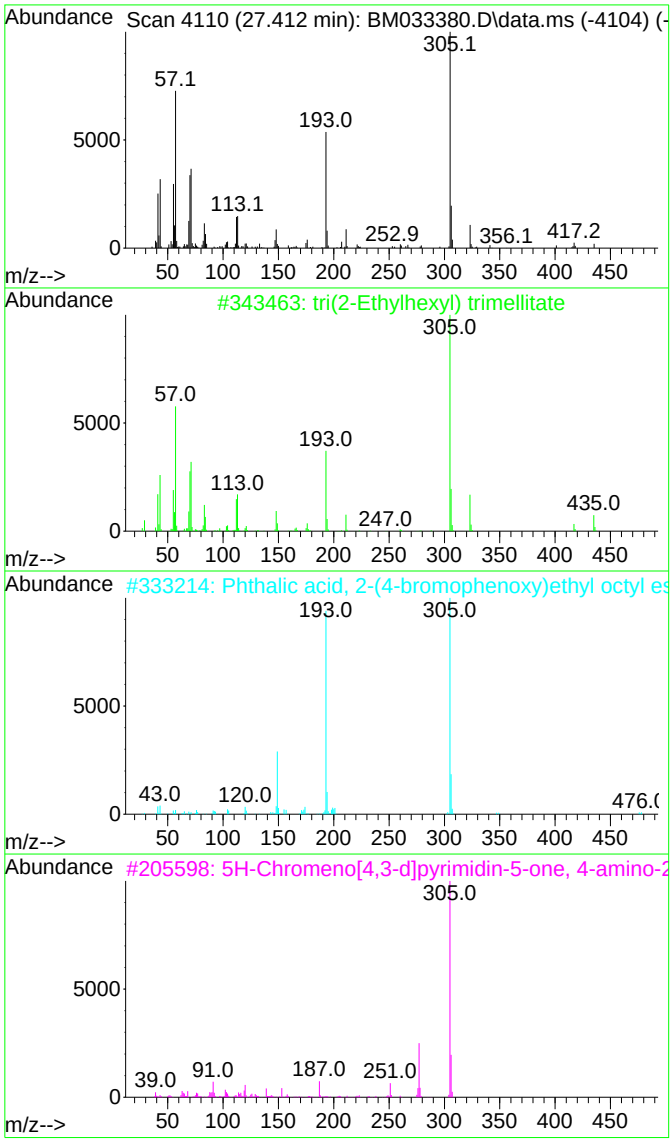
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

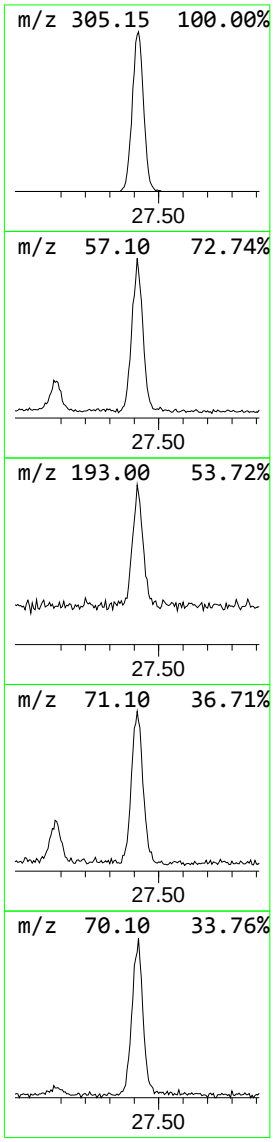
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 tri(2-Ethylhexyl) trimellitate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.412	12.28 ng/ul	592727	Perylene-d12	23.753

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	tri(2-Ethylhexyl) trimellitate	546	C33H54O6	003319-31-1	64
2	Phthalic acid, 2-(4-bromophenoxy...	476	C24H29BrO5	1010382-89-7	56
3	5H-Chromeno[4,3-d]pyrimidin-5-on...	305	C17H11N3O3	038370-06-8	38
4	4-(Morpholin-4-yl)-6-(2-phenylet...	305	C18H15N3O2	1000387-57-0	38
5	Furo[2,3-H]coumarine, 6-methyl-1...	305	C19H15NO3	298684-60-3	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033380.D
Acq On : 10 Dec 2021 05:22
Operator : CG/JU
Sample : M4985-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5P9

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
Tetrachloroethy...	4.625	23.6	ng/ul	425824	1	7.907	361426	20.0
Ethylbenzene	5.419	3.2	ng/ul	58402	1	7.907	361426	20.0
o-Xylene	5.548	11.2	ng/ul	202298	1	7.907	361426	20.0
Benzene, 1,3-di...	5.919	4.0	ng/ul	73055	1	7.907	361426	20.0
1,3,5-Triazine-...	15.936	6.4	ng/ul	247856	4	17.271	777618	20.0
Hexanedioic aci...	20.630	2.8	ng/ul	134071	5	21.430	952803	20.0
1,4-Benzenedica...	22.283	5.5	ng/ul	264034	5	21.430	952803	20.0
tri(2-Ethylhexy...	27.412	12.3	ng/ul	592727	6	23.753	965409	20.0