LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033386.D
Acq On : 10 Dec 2021 08:57
Operator : CG/JU
Sample : M4985-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW5S1

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: BM033386.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.549	389	393	403	rVB	96653	204263	10.97%	1.212%
2	5.919	452	456	461	rVB2	42560	66587	3.58%	0.395%
3	7.078	648	653	663	rVB	52382	95345	5.12%	0.566%
4	7.237	675	680	692	rVB	210995	353747	18.99%	2.099%
5	7.437	709	714	726	rVB	205176	359116	19.28%	2.131%
6	7.907	787	794	801	rBV	245044	400697	21.52%	2.377%
7	8.613	908	914	930	rVV	145051	251487	13.50%	1.492%
8	8.731	930	934	939	rVB6	8067	13641	0.73%	0.081%
9	9.007	977	981	985	rBV3	8933	13352	0.72%	0.079%
10	9.066	985	991	1000	rVV	275897	462091	24.81%	2.741%
11	9.278	1024	1027	1028	rBV3	1847	2126	0.11%	0.013%
12	9.448	1053	1056	1062	rVB3	3135	5025	0.27%	0.030%
13	9.784	1105	1113	1125	rBV	198900	353888	19.00%	2.100%
14	10.325	1199	1205	1223	rBV	255188	473939	25.45%	2.812%
15	10.578	1247	1248	1254	rVV3	1858	2024	0.11%	0.012%
16	10.701	1262	1269	1279	rVB	317245	544123	29.22%	3.228%
17	10.842	1286	1293	1310	rBV	201794	398833	21.42%	2.366%
18	12.113	1504	1509	1510	rBV4	2582	3310	0.18%	0.020%
19	12.295	1536	1540	1544	rVV4	3144	5503	0.30%	0.033%
20	13.342	1713	1718	1724	rBV	10007	15644	0.84%	0.093%
21	13.936	1812	1819	1828	rBV	531361	790939	42.47%	4.692%
22	14.001	1828	1830	1834	rVB5	4337	5201	0.28%	0.031%
23	14.166	1853	1858	1861	rBV4	1483	2033	0.11%	0.012%
24	14.224	1861	1868	1878	rBV	654039	950028	51.01%	5.636%
25	14.413	1896	1900	1905	rBV2	14593	19910	1.07%	0.118%
26	14.530	1914	1920	1928	rVB	474288	692250	37.17%	4.107%
27	14.642	1937	1939	1943	rVB3	2386	2646	0.14%	0.016%
28	14.760	1953	1959	1967	rBV6	11230	28811	1.55%	0.171%
29	14.860	1974	1976	1982	rVB5	1855	2979	0.16%	0.018%
30	14.960	1989	1993	1998	rVV3	17179	26207	1.41%	0.155%
31	15.030	2001	2005	2008	rBV4	1882	1957	0.11%	0.012%
32	15.107	2014	2018	2024	rBV5	1733	3848	0.21%	0.023%
33	15.366	2057	2062	2066	rVB2	11565	14125	0.76%	0.084%
34	15.424	2069	2072	2073	rBV	2241	1979	0.11%	0.012%
35	15.519	2082	2088	2100	rBV	810518	1170918	62.87%	6.947%
36	15.636	2102	2108	2124	rVV2	181660	304772	16.36%	1.808%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033386.D
Acq On : 10 Dec 2021 08:57
Operator : CG/JU
Sample : M4985-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5S1

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	15.766	2124	2130	2135	rVB7	4300	8050	0.43%	0.048%
38	15.854	2144	2145	2148	rBV3	1857	2326	0.12%	0.014%
39	15.936	2153	2159	2164	rVV	156364	201223	10.80%	1.194%
40	15.989	2164	2168	2171	rVB5	3318	4412	0.24%	0.026%
41	16.224	2201	2208	2216	rBV8	6919	16342	0.88%	0.097%
42	16.401	2236	2238	2241	rVB4	2366	2146	0.12%	0.013%
43	16.565	2263	2266	2267	rBV3	2976	2103	0.11%	0.012%
44	16.624	2273	2276	2278	rBV4	1486	1997	0.11%	0.012%
45	16.801	2303	2306	2308	rBV4	2452	3020	0.16%	0.018%
46	16.977	2333	2336	2337	rBV3	2383	1952	0.10%	0.012%
47	17.013	2337	2342	2346	rBV	24943	33032	1.77%	0.196%
48	17.060	2348	2350	2354	rVB4	5890	8653	0.46%	0.051%
49	17.148	2361	2365	2367	rBV4	4324	5864	0.31%	0.035%
50	17.271	2379	2386	2392	rBV	546319	820907	44.08%	4.870%
51	17.365	2396	2402	2410	rBV	939445	1371410	73.64%	8.136%
52	17.554	2431	2434	2440	rVB8	7353	11170	0.60%	0.066%
53	17.748	2463	2467	2472	rBV	26775	39668	2.13%	0.235%
54	18.389	2573	2576	2581	rBV5	13420	20279	1.09%	0.120%
55	18.442	2581	2585	2589	rBV2	33354	42634	2.29%	0.253%
56	19.071	2688	2692	2695	rBV	41904	58218	3.13%	0.345%
57	19.289	2726	2729	2734	rBV4	22900	36542	1.96%	0.217%
58	19.654	2785	2791	2798	rBV	1253294	1717140	92.20%	10.187%
59	20.177	2877	2880	2885	rBV2	27246	34988	1.88%	0.208%
60	20.630	2954	2957	2961	rBV	80123	91897	4.93%	0.545%
61	21.336	3073	3077	3083	rVB	210313	238377	12.80%	1.414%
62	21.430	3089	3093	3105	rVB	707080	956813	51.38%	5.676%
63	22.289	3235	3239	3245	rVB2	143930	196319	10.54%	1.165%
64	23.606	3456	3463	3476	rVB2	947621	1862371	100.00%	11.049%
65	23.753	3482	3488	3503	rVB2	486196	1022615	54.91%	6.067%

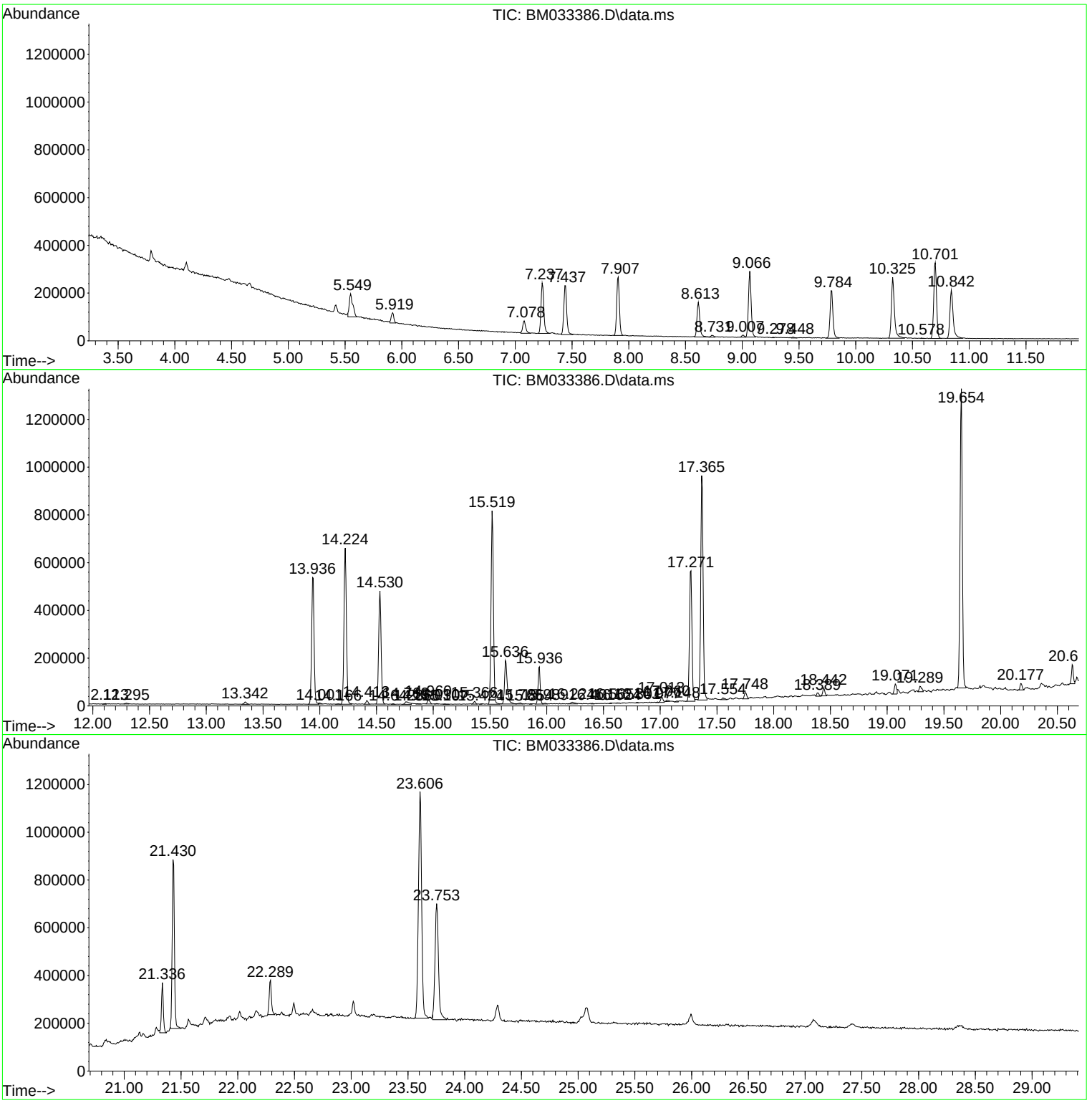
Sum of corrected areas: 16855812

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033386.D
Acq On : 10 Dec 2021 08:57
Operator : CG/JU
Sample : M4985-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5S1

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 : BM033386.D
Acq On : 10 Dec 2021 08:57
Operator : CG/JU
Sample : M4985-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5S1

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

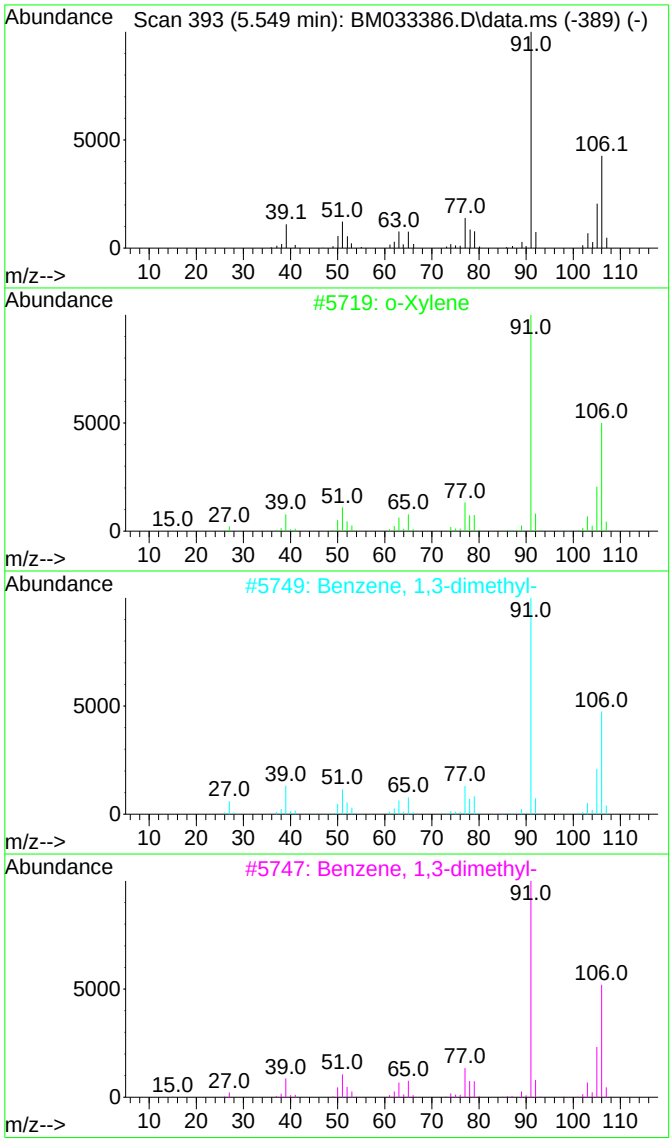
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

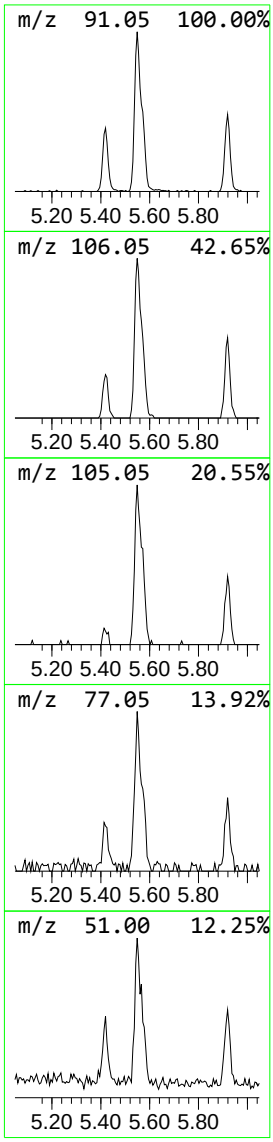
****

Peak Number 1 o-Xylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.549	10.20 ng/ul	204263	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	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	p-Xylene	106	C8H10	000106-42-3	97
5	o-Xylene	106	C8H10	000095-47-6	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033386.D
Acq On : 10 Dec 2021 08:57
Operator : CG/JU
Sample : M4985-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5S1

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

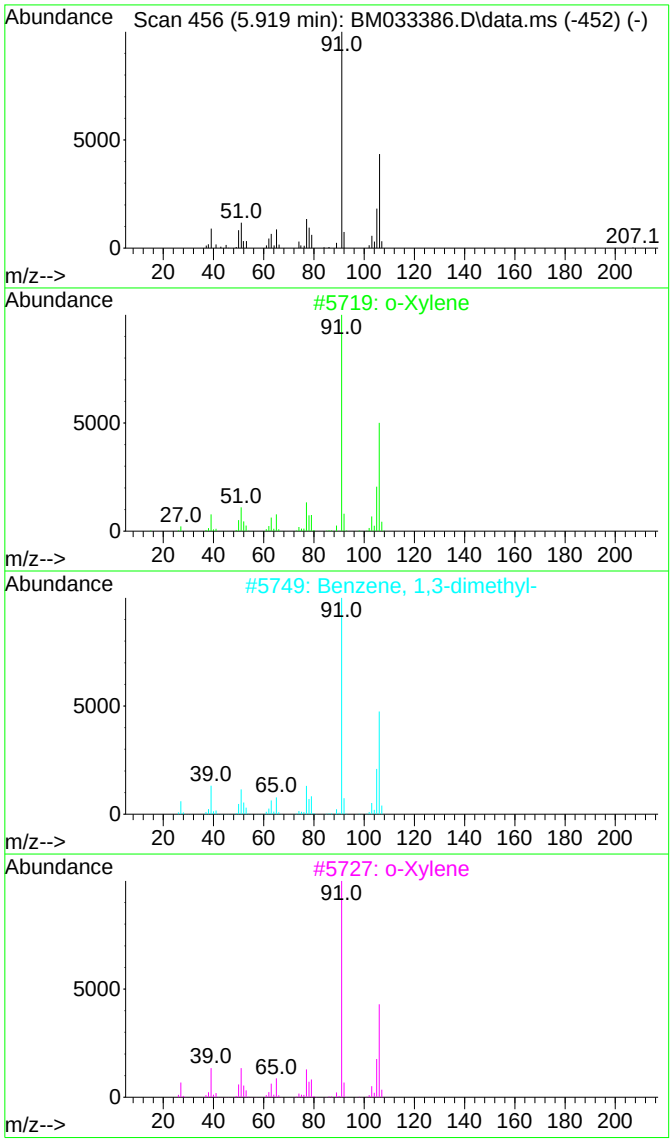
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

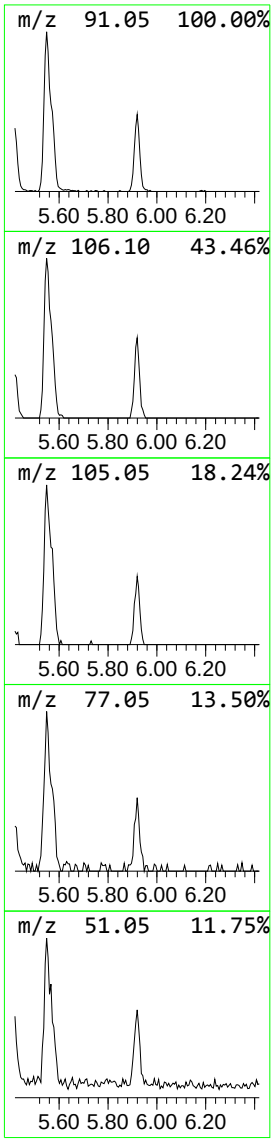
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.919	3.32 ng/ul	66587	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	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	p-Xylene	106	C8H10	000106-42-3	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033386.D
Acq On : 10 Dec 2021 08:57
Operator : CG/JU
Sample : M4985-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5S1

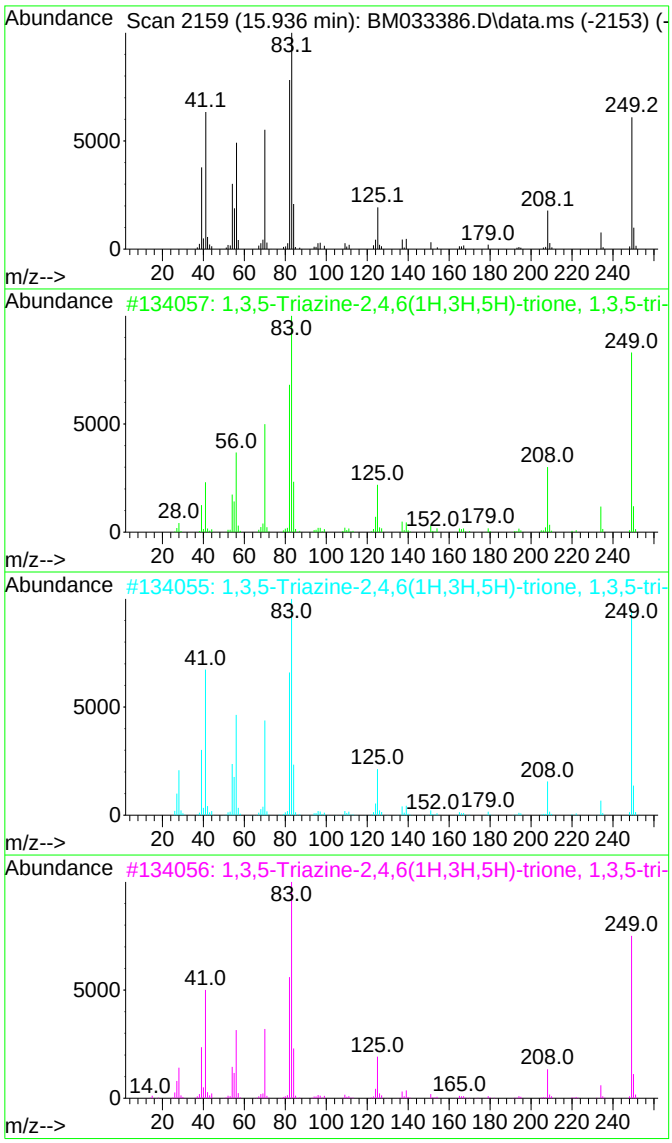
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

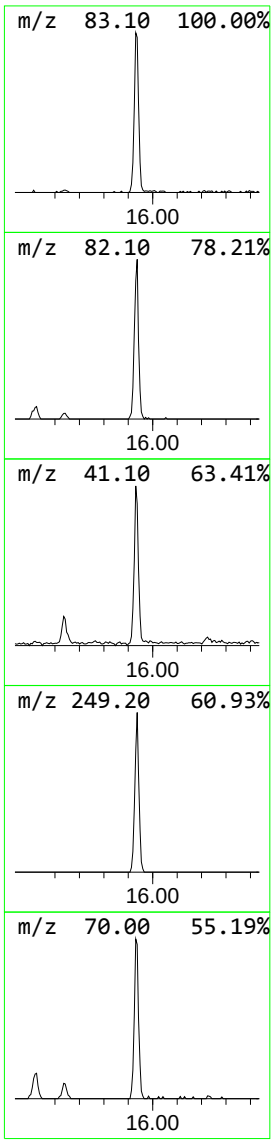
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.936	4.90 ng/ul	201223	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	96
3	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	96
4	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	83
5	2-Methylphenanthro[3,4-d][1,3]ox...	249	C16H11NO2	098033-24-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033386.D
Acq On : 10 Dec 2021 08:57
Operator : CG/JU
Sample : M4985-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5S1

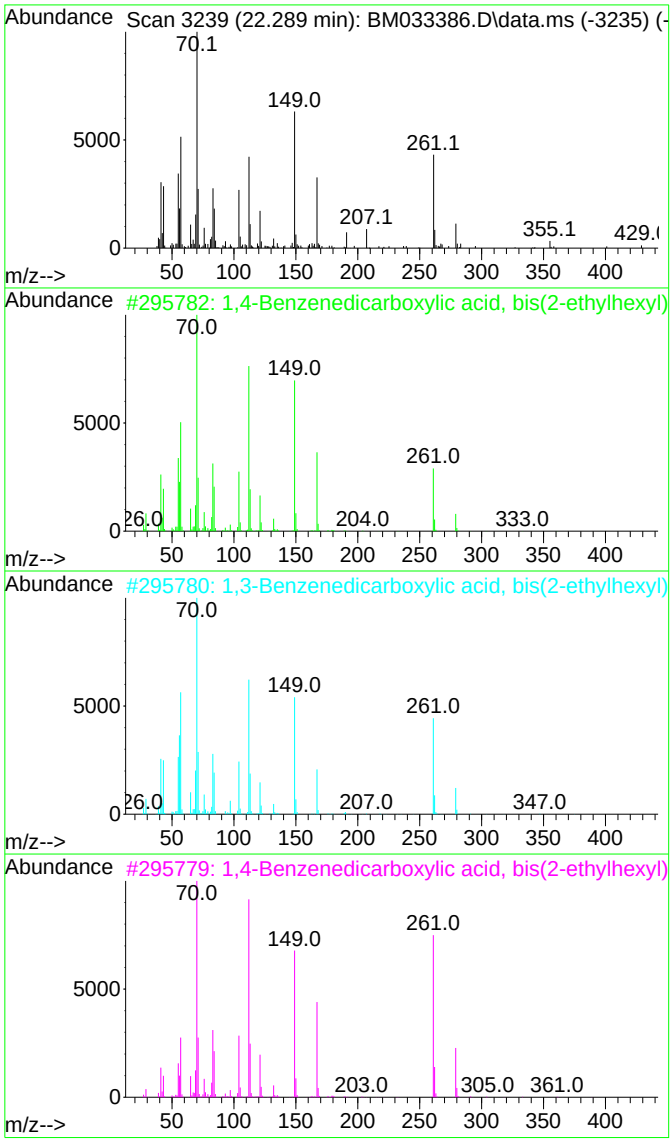
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

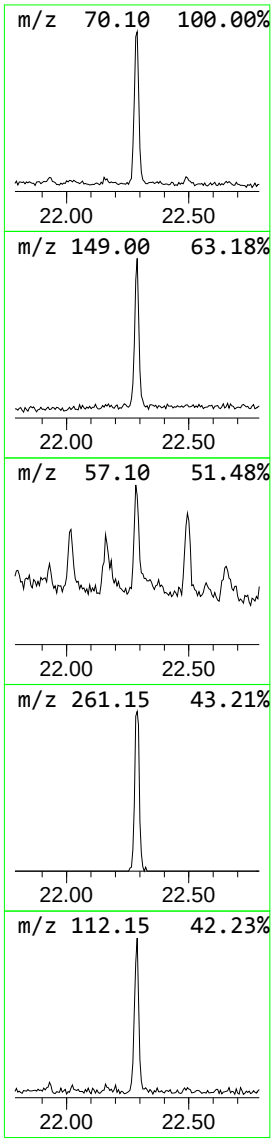
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,4-Benzenedicarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.289	4.10 ng/ul	196319	Chrysene-d12	21.436

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	91
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	72
3	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	58
4	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	47
5	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033386.D
Acq On : 10 Dec 2021 08:57
Operator : CG/JU
Sample : M4985-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5S1

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
o-Xylene	5.549	10.2	ng/ul	204263	1	7.907	400697	20.0
Benzene, 1,3-di...	5.919	3.3	ng/ul	66587	1	7.907	400697	20.0
1,3,5-Triazine-...	15.936	4.9	ng/ul	201223	4	17.271	820907	20.0
1,4-Benzenedica...	22.289	4.1	ng/ul	196319	5	21.436	956813	20.0