LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033383.D
Acq On : 10 Dec 2021 07:09
Operator : CG/JU
Sample : M4985-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5M9

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: BM033383.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	99	rBV2	50799	68736	3.80%	0.372%
2	5.419	368	371	377	rVB	36180	54168	3.00%	0.293%
3	5.548	388	393	406	rVB	105173	233139	12.90%	1.262%
4	5.919	451	456	463	rVB2	48284	75225	4.16%	0.407%
5	7.078	648	653	660	rBV	54628	97823	5.41%	0.529%
6	7.237	675	680	690	rVV	209172	346697	19.19%	1.876%
7	7.342	692	698	704	rVB7	9100	24023	1.33%	0.130%
8	7.442	708	715	724	rVB	207808	358003	19.81%	1.938%
9	7.866	783	787	788	rBV2	7455	8311	0.46%	0.045%
10	7.907	788	794	800	rVV	241542	396183	21.92%	2.144%
11	7.966	800	804	812	rVV3	14065	32588	1.80%	0.176%
12	8.048	815	818	827	rVB4	7818	18464	1.02%	0.100%
13	8.189	839	842	846	rVB4	3296	4219	0.23%	0.023%
14	8.354	861	870	875	rBV6	12310	26736	1.48%	0.145%
15	8.407	876	879	883	rVB5	5166	8527	0.47%	0.046%
16	8.613	906	914	923	rBV2	156893	273218	15.12%	1.479%
17	8.731	931	934	942	rVB3	7624	13803	0.76%	0.075%
18	8.807	942	947	950	rBV5	4653	7189	0.40%	0.039%
19	8.907	961	964	967	rBV4	3481	4920	0.27%	0.027%
20	9.007	977	981	985	rVB2	11084	14119	0.78%	0.076%
21	9.066	985	991	1004	rBV	277700	478954	26.50%	2.592%
22	9.454	1051	1057	1061	rBV4	4144	7877	0.44%	0.043%
23	9.683	1091	1096	1098	rBV4	3962	6414	0.35%	0.035%
24	9.783	1107	1113	1122	rBV	210031	367423	20.33%	1.989%
25	9.872	1125	1128	1133	rVB4	3731	5881	0.33%	0.032%
26	10.101	1163	1167	1172	rVB4	3001	5688	0.31%	0.031%
27	10.325	1199	1205	1217	rBV	274182	509542	28.20%	2.758%
28	10.407	1217	1219	1221	rVB2	4592	4355	0.24%	0.024%
29	10.513	1231	1237	1239	rBV6	3330	5765	0.32%	0.031%
30	10.701	1261	1269	1278	rVB	319816	546568	30.25%	2.958%
31	10.842	1285	1293	1308	rBV	170597	351773	19.47%	1.904%
32	11.154	1344	1346	1353	rVB6	4686	7312	0.40%	0.040%
33	11.319	1366	1374	1379	rBV7	11742	25692	1.42%	0.139%
34	11.425	1386	1392	1393	rBV6	2706	4802	0.27%	0.026%
35	11.489	1399	1403	1409	rBV6	5022	12700	0.70%	0.069%
36	11.654	1427	1431	1435	rVB4	8786	13431	0.74%	0.073%

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Sample : M4985-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5M9

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	11.707	1435	1440	1445	rBV6	7860	15739	0.87%	0.085%
38	11.936	1471	1479	1485	rVV9	8834	24240	1.34%	0.131%
39	12.007	1485	1491	1496	rVV9	6724	15484	0.86%	0.084%
40	12.066	1499	1501	1504	rVV3	4524	5994	0.33%	0.032%
41	12.113	1504	1509	1511	rVV4	6779	13744	0.76%	0.074%
42	12.136	1511	1513	1517	rVB3	7789	9363	0.52%	0.051%
43	12.230	1526	1529	1534	rVV5	3441	6930	0.38%	0.038%
44	12.289	1536	1539	1544	rVV5	6669	11751	0.65%	0.064%
45	12.672	1600	1604	1612	rVB7	6663	12211	0.68%	0.066%
46	13.019	1657	1663	1666	rBV7	3211	7714	0.43%	0.042%
47	13.060	1666	1670	1671	rBV3	4726	6122	0.34%	0.033%
48	13.136	1678	1683	1688	rVB8	4684	8889	0.49%	0.048%
49	13.342	1713	1718	1723	rBV2	18941	29478	1.63%	0.160%
50	13.495	1737	1744	1745	rBV5	2926	3990	0.22%	0.022%
51	13.942	1813	1820	1826	rBV	558783	810232	44.84%	4.385%
52	14.001	1827	1830	1833	rVB5	8060	10559	0.58%	0.057%
53	14.177	1856	1860	1862	rBV4	9772	13513	0.75%	0.073%
54	14.224	1862	1868	1877	rVB	640890	956504	52.93%	5.177%
55	14.360	1889	1891	1895	rVB5	3263	4042	0.22%	0.022%
56	14.413	1895	1900	1905	rBV	29982	42468	2.35%	0.230%
57	14.530	1914	1920	1929	rVB	475748	717825	39.72%	3.885%
58	14.760	1953	1959	1970	rBV5	22353	63232	3.50%	0.342%
59	14.848	1970	1974	1977	rVV6	3567	7616	0.42%	0.041%
60	14.918	1982	1986	1989	rVB4	3567	4535	0.25%	0.025%
61	14.960	1989	1993	1998	rVB6	7349	11345	0.63%	0.061%
62	15.030	2002	2005	2009	rBV4	4136	6092	0.34%	0.033%
63	15.165	2024	2028	2031	rBV5	3884	5945	0.33%	0.032%
64	15.318	2049	2054	2057	rBV3	6321	10461	0.58%	0.057%
65	15.365	2057	2062	2066	rVB3	24461	36082	2.00%	0.195%
66	15.518	2082	2088	2098	rBV	794047	1182657	65.45%	6.401%
67	15.636	2102	2108	2122	rVV	221867	335573	18.57%	1.816%
68	15.760	2122	2129	2136	rBV9	10398	22137	1.23%	0.120%
69	15.877	2143	2149	2153	rBV6	3231	5802	0.32%	0.031%
70	15.936	2153	2159	2165	rBV	189150	241844	13.38%	1.309%
71	15.983	2165	2167	2172	rVB6	4456	4606	0.25%	0.025%
72	16.224	2204	2208	2211	rBV2	23359	32849	1.82%	0.178%
73	16.571	2262	2267	2269	rBV5	5679	9214	0.51%	0.050%
74	16.742	2290	2296	2299	rBV8	6204	10962	0.61%	0.059%
75	16.801	2303	2306	2308	rVV4	4093	4893	0.27%	0.026%
76	17.012	2338	2342	2346	rBV	34804	46678	2.58%	0.253%

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Sample : M4985-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5M9

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
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Title : SVOA CALIBRATION

77	17.065	2347	2351	2355	rVB2	17350	24871	1.38%	0.135%
78	17.177	2362	2370	2373	rBV6	14359	29377	1.63%	0.159%
79	17.271	2380	2386	2392	rBV	591222	856619	47.40%	4.636%
80	17.318	2392	2394	2396	rVV3	8817	7411	0.41%	0.040%
81	17.365	2396	2402	2413	rVV2	950287	1389444	76.89%	7.520%
82	17.489	2420	2423	2424	rBV2	8423	7782	0.43%	0.042%
83	17.754	2464	2468	2472	rBV	40088	48823	2.70%	0.264%
84	18.148	2533	2535	2538	rBV4	11025	13263	0.73%	0.072%
85	18.389	2574	2576	2581	rVB4	21827	24429	1.35%	0.132%
86	18.442	2581	2585	2590	rBV	43557	58496	3.24%	0.317%
87	19.071	2688	2692	2695	rBV	61652	81499	4.51%	0.441%
88	19.606	2780	2783	2785	rBV4	18256	26114	1.45%	0.141%
89	19.653	2785	2791	2803	rVB	1272335	1807078	100.00%	9.781%
90	20.177	2878	2880	2885	rVB2	29748	34651	1.92%	0.188%
91	20.359	2908	2911	2916	rBV6	22159	45804	2.53%	0.248%
92	20.630	2954	2957	2961	rBV	104803	120759	6.68%	0.654%
93	20.671	2962	2964	2967	rVV	27660	24696	1.37%	0.134%
94	21.130	3040	3042	3045	rBV	39737	41579	2.30%	0.225%
95	21.336	3073	3077	3083	rVB	271475	306401	16.96%	1.658%
96	21.430	3089	3093	3099	rVB	772307	992614	54.93%	5.373%
97	22.283	3235	3238	3245	rVB	171051	238721	13.21%	1.292%
98	22.500	3271	3275	3280	rVB	196399	280082	15.50%	1.516%
99	23.606	3456	3463	3473	rVB2	924961	1802384	99.74%	9.755%
100	23.753	3482	3488	3499	rVB2	486123	1023302	56.63%	5.539%

Sum of corrected areas: 18475782

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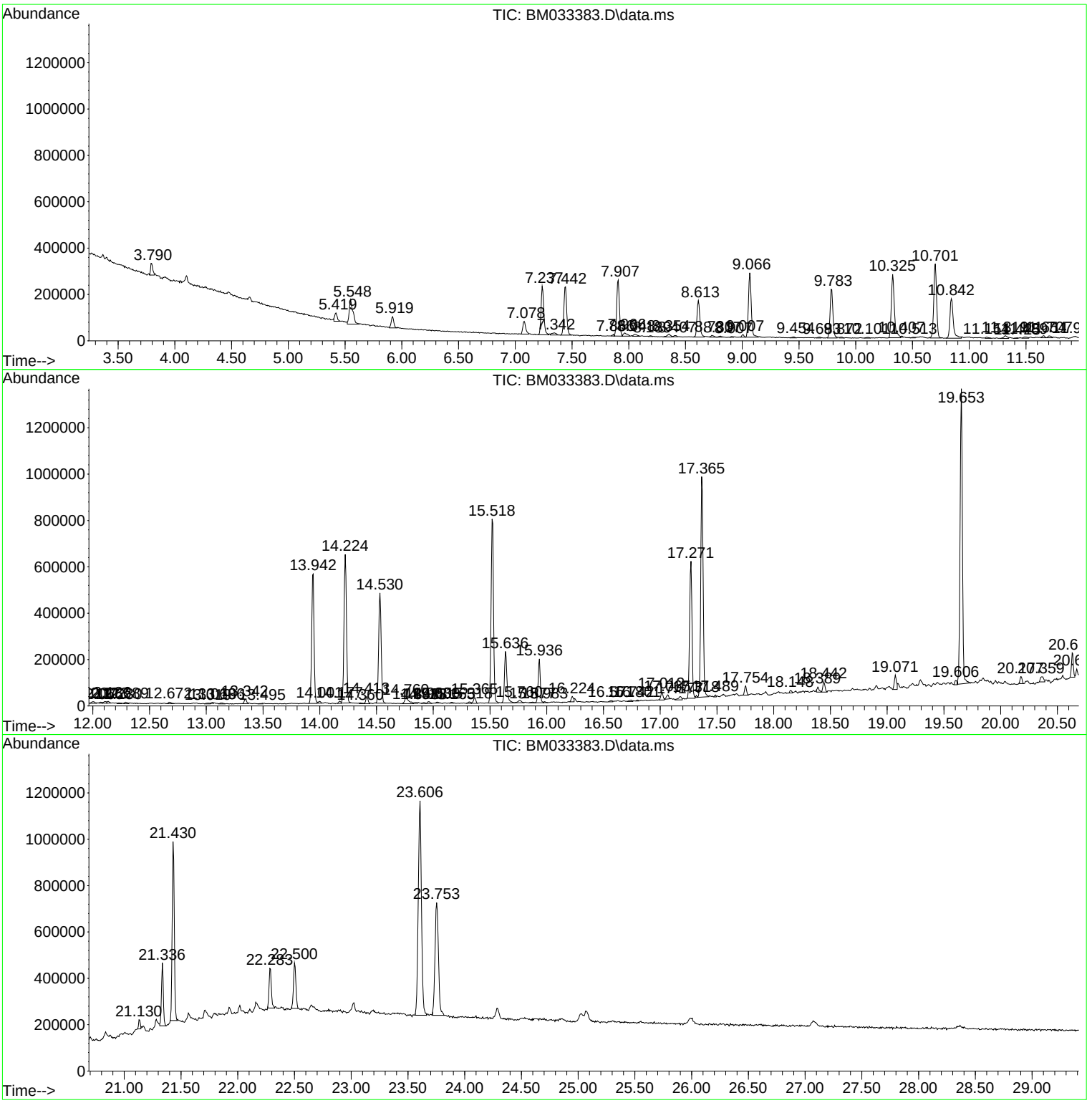
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5M9

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

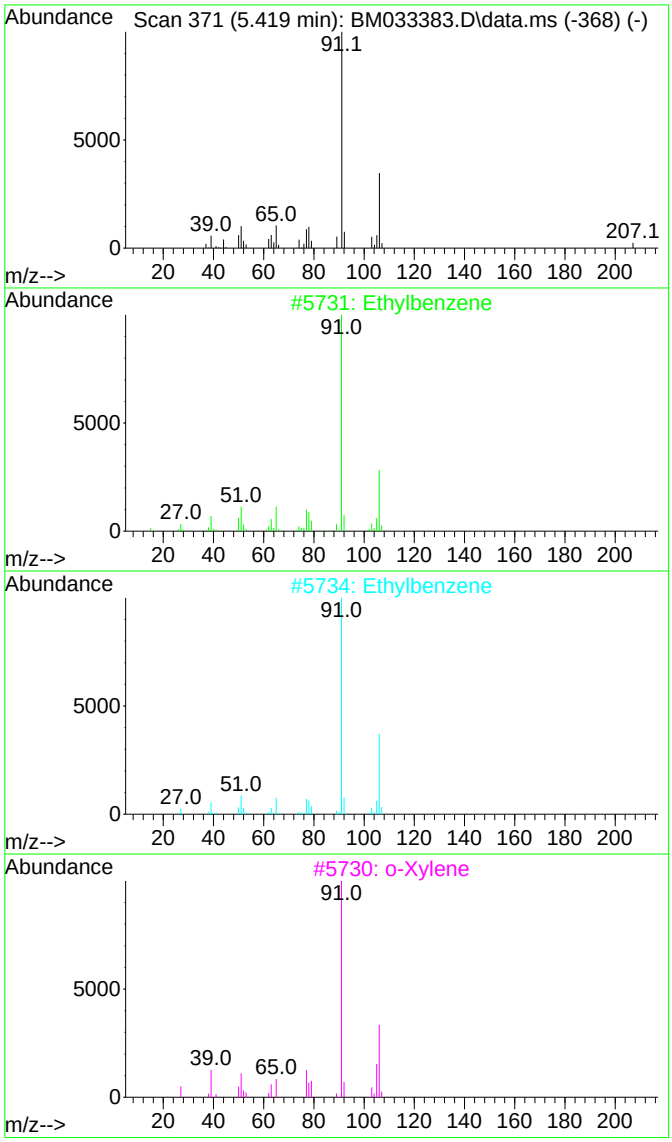
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

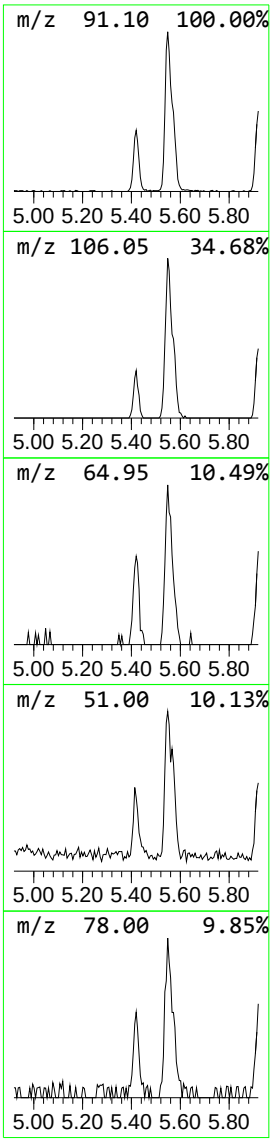
****

Peak Number 1 Ethylbenzene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.419	2.73 ng/ul	54168	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	90
3	o-Xylene	106	C8H10	000095-47-6	90
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	Ethylbenzene	106	C8H10	000100-41-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033383.D
Acq On : 10 Dec 2021 07:09
Operator : CG/JU
Sample : M4985-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

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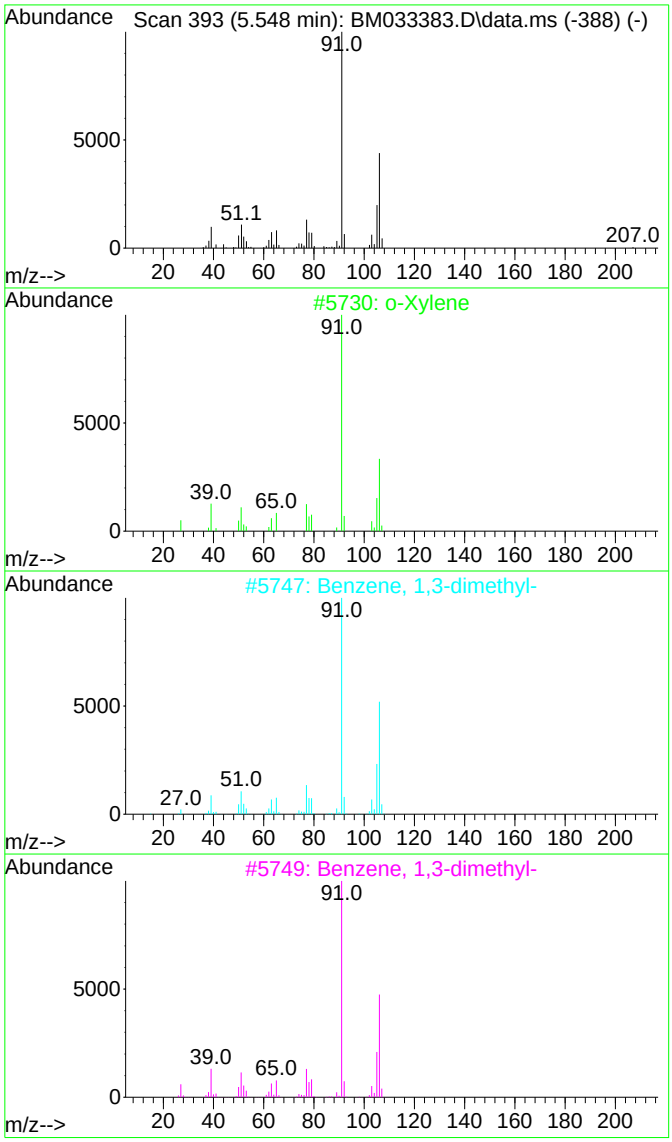
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

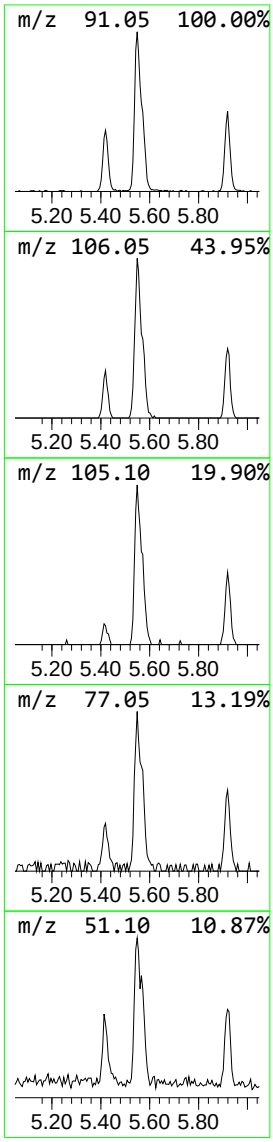
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.548	11.77 ng/ul	233139	1,4-Dichlorobenzene-d4	7.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	95
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
4	p-Xylene	106	C8H10	000106-42-3	95
5	o-Xylene	106	C8H10	000095-47-6	95





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ALS Vial : 38 Sample Multiplier: 1

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

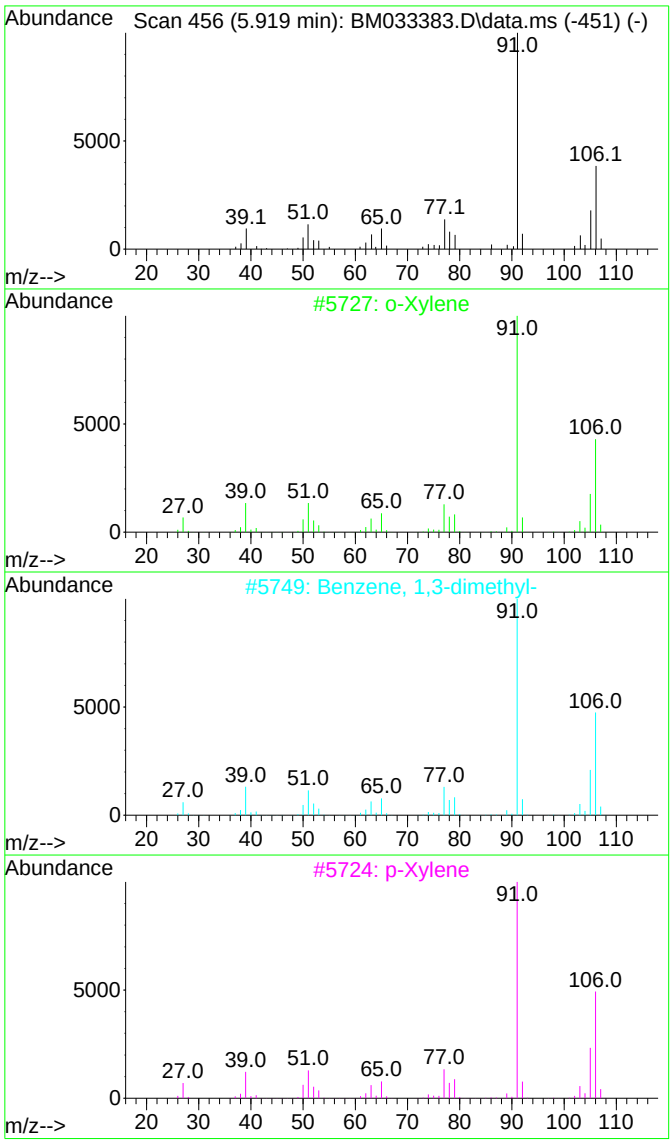
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

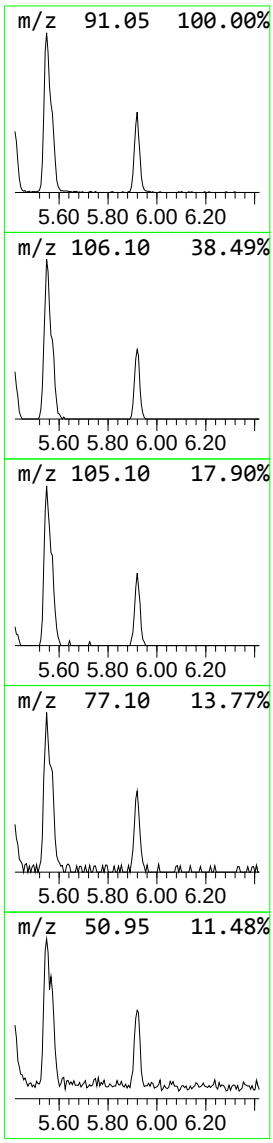
****

Peak Number 3 o-Xylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.919	3.80 ng/ul	75225	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	p-Xylene	106	C8H10	000106-42-3	97
4	o-Xylene	106	C8H10	000095-47-6	97
5	p-Xylene	106	C8H10	000106-42-3	97





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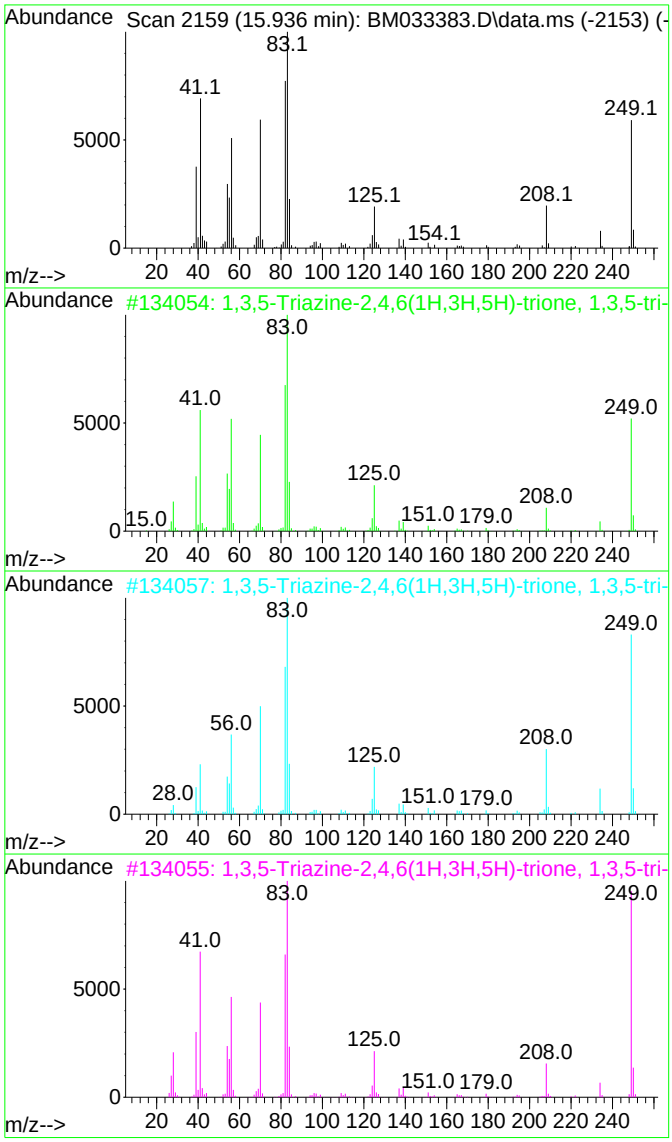
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

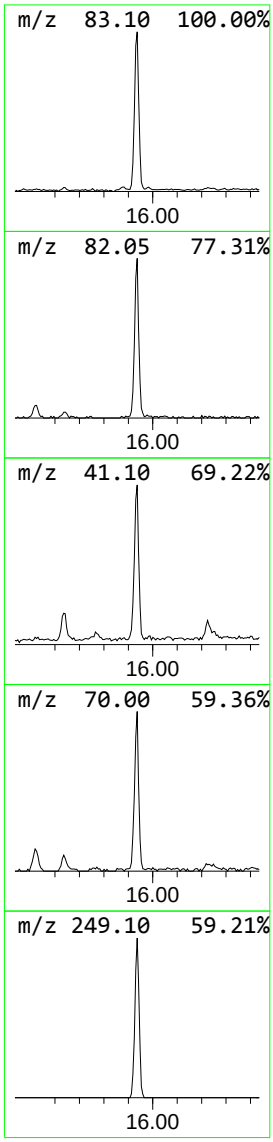
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.936	5.65 ng/ul	241844	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	99
2	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	98
3	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	97
4	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	93
5	n-Nonylcyclohexane	210	C15H30	002883-02-5	25





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Sample : M4985-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5M9

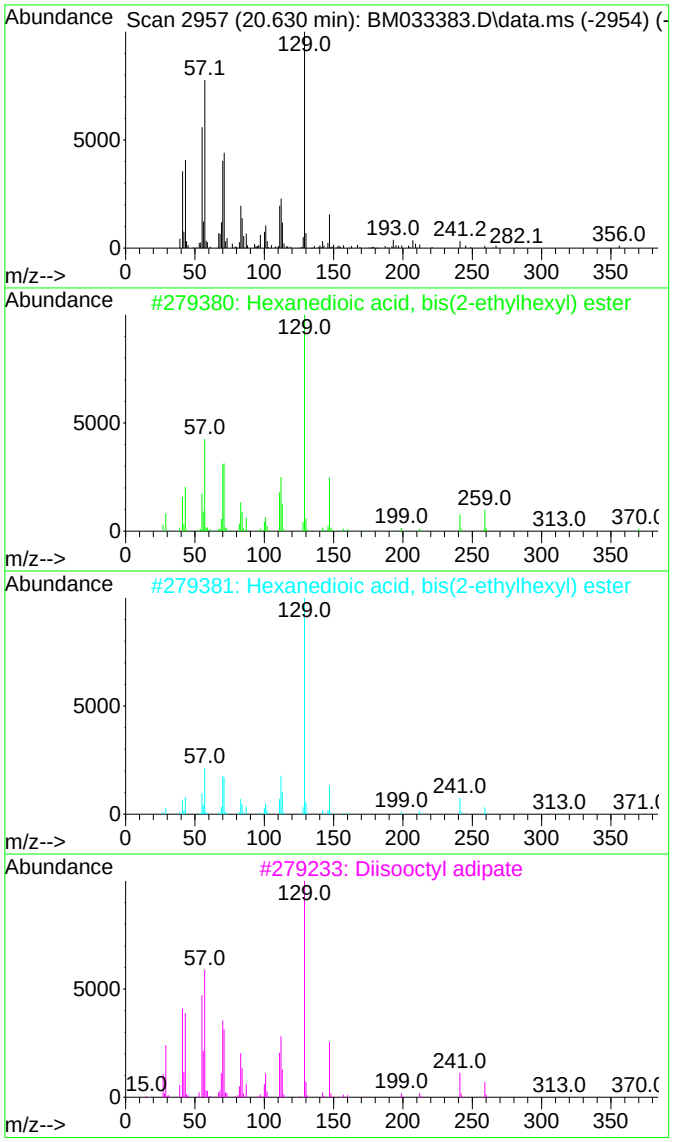
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

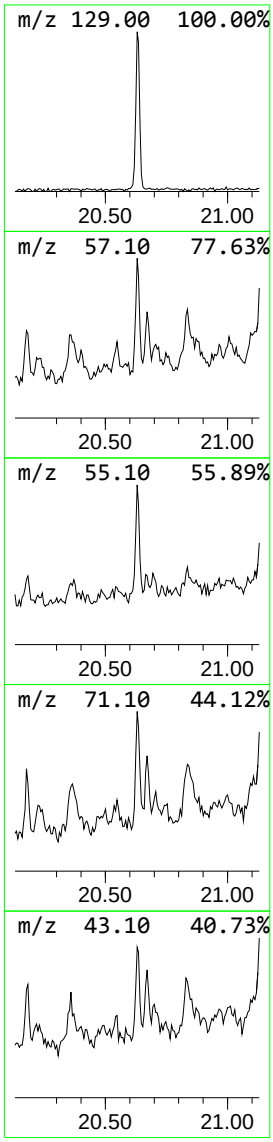
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.630	2.43 ng/ul	120759	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, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
3	Diisooctyl adipate	370	C22H42O4	001330-86-5	87
4	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	80
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	68





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Data File : BM033383.D
Acq On : 10 Dec 2021 07:09
Operator : CG/JU
Sample : M4985-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5M9

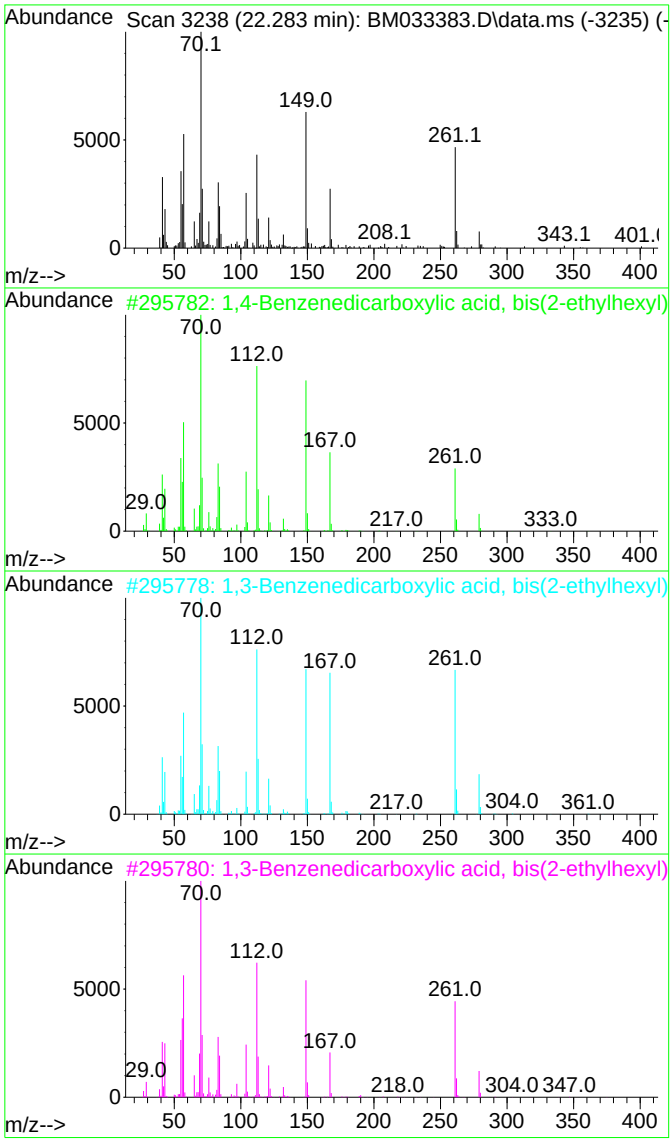
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

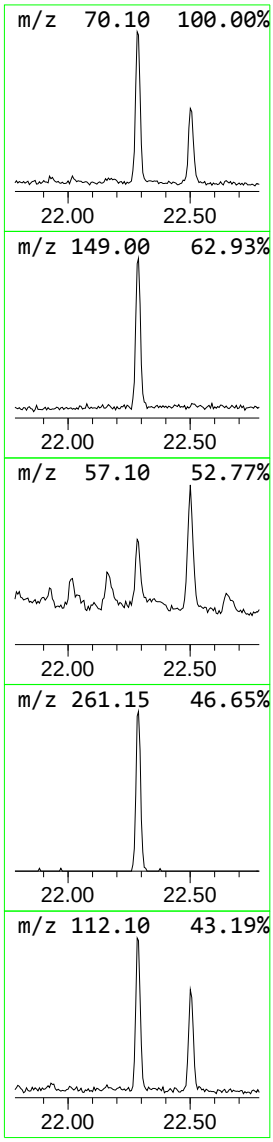
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.283	4.81 ng/ul	238721	Chrysene-d12	21.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	72
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	47
3	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	43
4	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	38
5	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000383-13-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033383.D
Acq On : 10 Dec 2021 07:09
Operator : CG/JU
Sample : M4985-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5M9

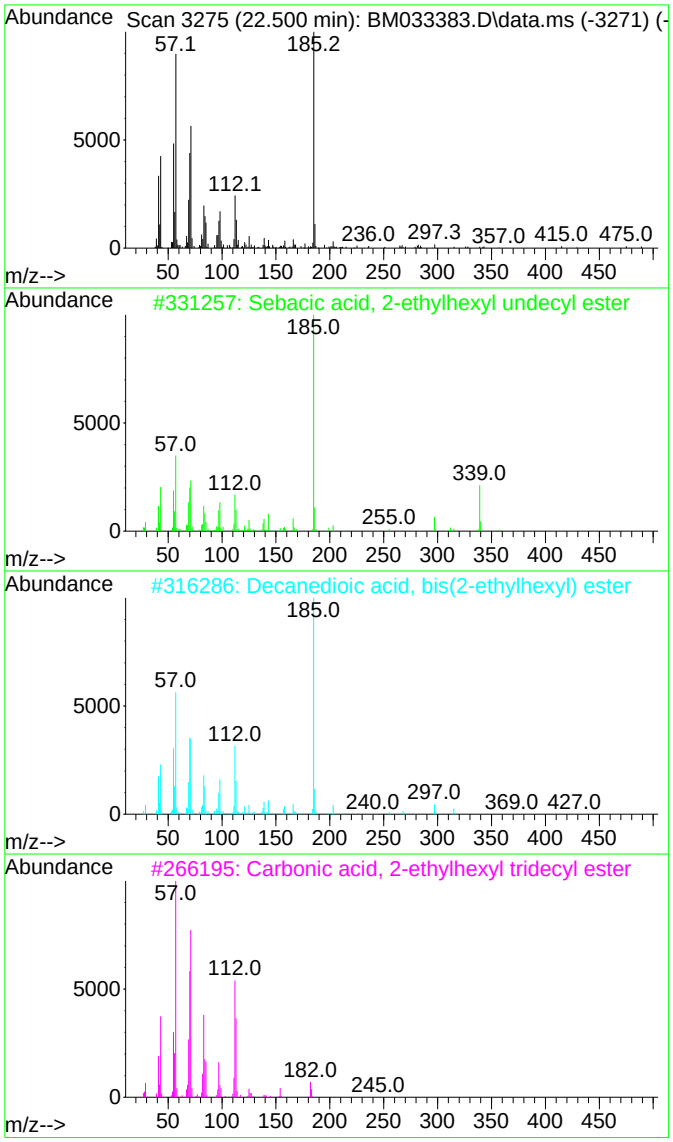
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

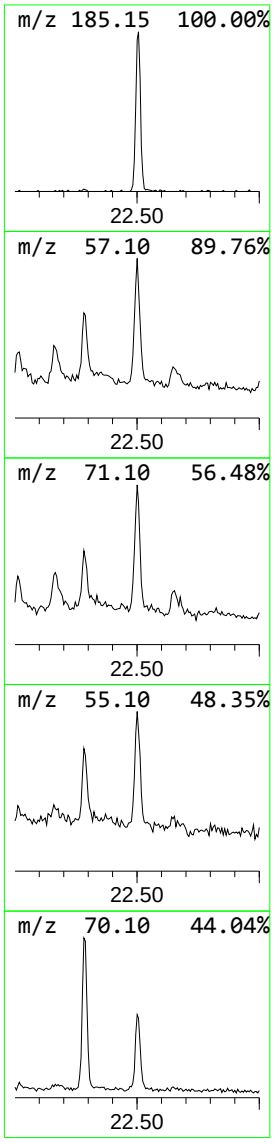
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Sebacic acid, 2-ethylhexyl ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.500	5.64 ng/ul	280082	Chrysene-d12	21.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sebacic acid, 2-ethylhexyl undec...	468	C29H56O4	1000354-20-7	78
2	Decanedioic acid, bis(2-ethylhex...	426	C26H50O4	000122-62-3	49
3	Carbonic acid, 2-ethylhexyl trid...	356	C22H44O3	1000383-14-0	47
4	Carbonic acid, 2-ethylhexyl hexa...	398	C25H50O3	1000383-14-3	47
5	Carbonic acid, 2-ethylhexyl octy...	286	C17H34O3	1000383-13-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033383.D
Acq On : 10 Dec 2021 07:09
Operator : CG/JU
Sample : M4985-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5M9

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	2.7	ng/ul	54168	1	7.907	396183	20.0
Benzene, 1,3-di...	5.548	11.8	ng/ul	233139	1	7.907	396183	20.0
o-Xylene	5.919	3.8	ng/ul	75225	1	7.907	396183	20.0
1,3,5-Triazine-...	15.936	5.7	ng/ul	241844	4	17.271	856619	20.0
Hexanedioic aci...	20.630	2.4	ng/ul	120759	5	21.430	992614	20.0
1,4-Benzenedica...	22.283	4.8	ng/ul	238721	5	21.430	992614	20.0
Sebacic acid, 2...	22.500	5.6	ng/ul	280082	5	21.430	992614	20.0