LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033382.D
Acq On : 10 Dec 2021 06:34
Operator : CG/JU
Sample : M4985-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW5S5

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: BM033382.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.419	367	371	377	rVB2	37097	59675	2.92%	0.334%
2	5.548	389	393	404	rVB	105416	232939	11.42%	1.303%
3	5.919	452	456	465	rVB3	52727	85782	4.20%	0.480%
4	7.078	647	653	661	rBV2	56484	96104	4.71%	0.538%
5	7.237	675	680	690	rBV	210258	344659	16.89%	1.928%
6	7.442	708	715	723	rBV	216208	361815	17.73%	2.024%
7	7.907	788	794	802	rBV	217792	350913	17.20%	1.963%
8	8.160	833	837	847	rVB3	9490	18448	0.90%	0.103%
9	8.613	908	914	928	rBV	152691	260788	12.78%	1.459%
10	8.736	931	935	944	rVB4	9745	17528	0.86%	0.098%
11	9.007	976	981	985	rBV4	8905	14466	0.71%	0.081%
12	9.066	985	991	999	rBV	280609	472023	23.13%	2.640%
13	9.454	1054	1057	1059	rVB3	1919	2080	0.10%	0.012%
14	9.595	1077	1081	1084	rVB3	2137	2521	0.12%	0.014%
15	9.783	1107	1113	1123	rBV	207451	366665	17.97%	2.051%
16	10.107	1164	1168	1173	rVB5	2451	3985	0.20%	0.022%
17	10.325	1199	1205	1218	rBV	254388	479545	23.50%	2.682%
18	10.701	1262	1269	1279	rVB	275965	472523	23.16%	2.643%
19	10.842	1286	1293	1309	rBV2	177859	363133	17.80%	2.031%
20	12.119	1506	1510	1514	rVB4	2725	3805	0.19%	0.021%
21	12.295	1535	1540	1545	rBV4	4094	6832	0.33%	0.038%
22	13.060	1668	1670	1673	rVB3	1858	2170	0.11%	0.012%
23	13.348	1713	1719	1725	rVB4	10381	17176	0.84%	0.096%
24	13.630	1764	1767	1768	rBV2	1821	2108	0.10%	0.012%
25	13.942	1813	1820	1828	rBV	572211	816641	40.02%	4.568%
26	13.995	1828	1829	1834	rVB3	5247	6553	0.32%	0.037%
27	14.036	1834	1836	1840	rBV3	2625	3561	0.17%	0.020%
28	14.224	1862	1868	1880	rVB	650456	953671	46.73%	5.334%
29	14.307	1880	1882	1885	rVB2	2266	2400	0.12%	0.013%
30	14.342	1885	1888	1892	rBV4	1589	2931	0.14%	0.016%
31	14.418	1895	1901	1905	rBV	19278	25367	1.24%	0.142%
32	14.530	1914	1920	1930	rVB	414909	617585	30.26%	3.454%
33	14.648	1936	1940	1943	rVB4	2732	3416	0.17%	0.019%
34	14.707	1947	1950	1953	rBV3	1457	2468	0.12%	0.014%
35	14.760	1953	1959	1971	rBV5	17272	49169	2.41%	0.275%
36	14.865	1974	1977	1981	rVB5	1868	2798	0.14%	0.016%

LSC Area Percent Report

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Sample : M4985-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5S5

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	14.960	1988	1993	2000	rVB3	28749	44048	2.16%	0.246%
38	15.030	2002	2005	2010	rVB4	3675	5234	0.26%	0.029%
39	15.318	2049	2054	2056	rBV3	1940	3457	0.17%	0.019%
40	15.365	2057	2062	2067	rVB3	14582	21391	1.05%	0.120%
41	15.418	2067	2071	2074	rBV5	2001	3546	0.17%	0.020%
42	15.518	2082	2088	2100	rVB	829562	1235031	60.52%	6.908%
43	15.642	2102	2109	2122	rVV2	237212	416683	20.42%	2.331%
44	15.760	2124	2129	2135	rVB6	6110	12284	0.60%	0.069%
45	15.871	2143	2148	2150	rBV4	1654	2357	0.12%	0.013%
46	15.936	2153	2159	2164	rBV	204710	254951	12.49%	1.426%
47	15.989	2166	2168	2173	rVB5	3641	3467	0.17%	0.019%
48	16.224	2203	2208	2212	rBV4	8262	15412	0.76%	0.086%
49	16.307	2219	2222	2224	rVB3	2339	2612	0.13%	0.015%
50	16.401	2234	2238	2239	rBV4	1760	2198	0.11%	0.012%
51	16.459	2245	2248	2249	rBV2	2003	2112	0.10%	0.012%
52	16.565	2262	2266	2269	rBV5	4474	7604	0.37%	0.043%
53	16.689	2281	2287	2290	rBV6	3593	7984	0.39%	0.045%
54	16.730	2290	2294	2297	rVV4	4768	6051	0.30%	0.034%
55	16.759	2297	2299	2301	rVV3	2781	2260	0.11%	0.013%
56	16.795	2303	2305	2307	rVV3	2454	2847	0.14%	0.016%
57	16.830	2309	2311	2315	rVB4	3363	3540	0.17%	0.020%
58	16.865	2315	2317	2318	rBV2	3699	2780	0.14%	0.016%
59	17.012	2338	2342	2346	rBV2	31108	40247	1.97%	0.225%
60	17.065	2348	2351	2357	rVB6	7785	13212	0.65%	0.074%
61	17.271	2380	2386	2392	rBV	520897	739115	36.22%	4.134%
62	17.365	2396	2402	2413	rVV	977456	1520150	74.49%	8.503%
63	17.612	2442	2444	2445	rBV2	5084	2920	0.14%	0.016%
64	17.754	2464	2468	2473	rBV	33574	43010	2.11%	0.241%
65	17.924	2494	2497	2501	rBV5	14737	17679	0.87%	0.099%
66	18.001	2508	2510	2512	rBV3	5874	5889	0.29%	0.033%
67	18.389	2573	2576	2581	rBV6	18260	22585	1.11%	0.126%
68	18.442	2581	2585	2591	rVB2	41808	52819	2.59%	0.295%
69	18.689	2625	2627	2631	rBV4	8573	12913	0.63%	0.072%
70	18.901	2660	2663	2667	rBV5	10884	17830	0.87%	0.100%
71	19.071	2688	2692	2695	rBV	56702	75395	3.69%	0.422%
72	19.295	2726	2730	2734	rBV5	25476	39609	1.94%	0.222%
73	19.653	2785	2791	2802	rVB	1446807	1948241	95.47%	10.897%
74	19.842	2821	2823	2829	rBV6	16397	20075	0.98%	0.112%
75	20.183	2877	2881	2884	rBV3	31798	39594	1.94%	0.221%
76	20.359	2907	2911	2916	rBV4	27835	52145	2.56%	0.292%

LSC Area Percent Report

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Data File : BM033382.D
Acq On : 10 Dec 2021 06:34
Operator : CG/JU
Sample : M4985-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5S5

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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Peak separation: 5

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

77	20.630	2953	2957	2961	rBV	122689	149013	7.30%	0.833%
78	21.336	3073	3077	3082	rVB	298688	335707	16.45%	1.878%
79	21.430	3089	3093	3103	rBV	664756	889633	43.60%	4.976%
80	22.289	3235	3239	3246	rVB	192448	269332	13.20%	1.506%
81	23.606	3456	3463	3477	rVB2	1044515	2040609	100.00%	11.414%
82	23.753	3482	3488	3505	rVB2	450853	948735	46.49%	5.307%

Sum of corrected areas: 17878549

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
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Sample : M4985-10
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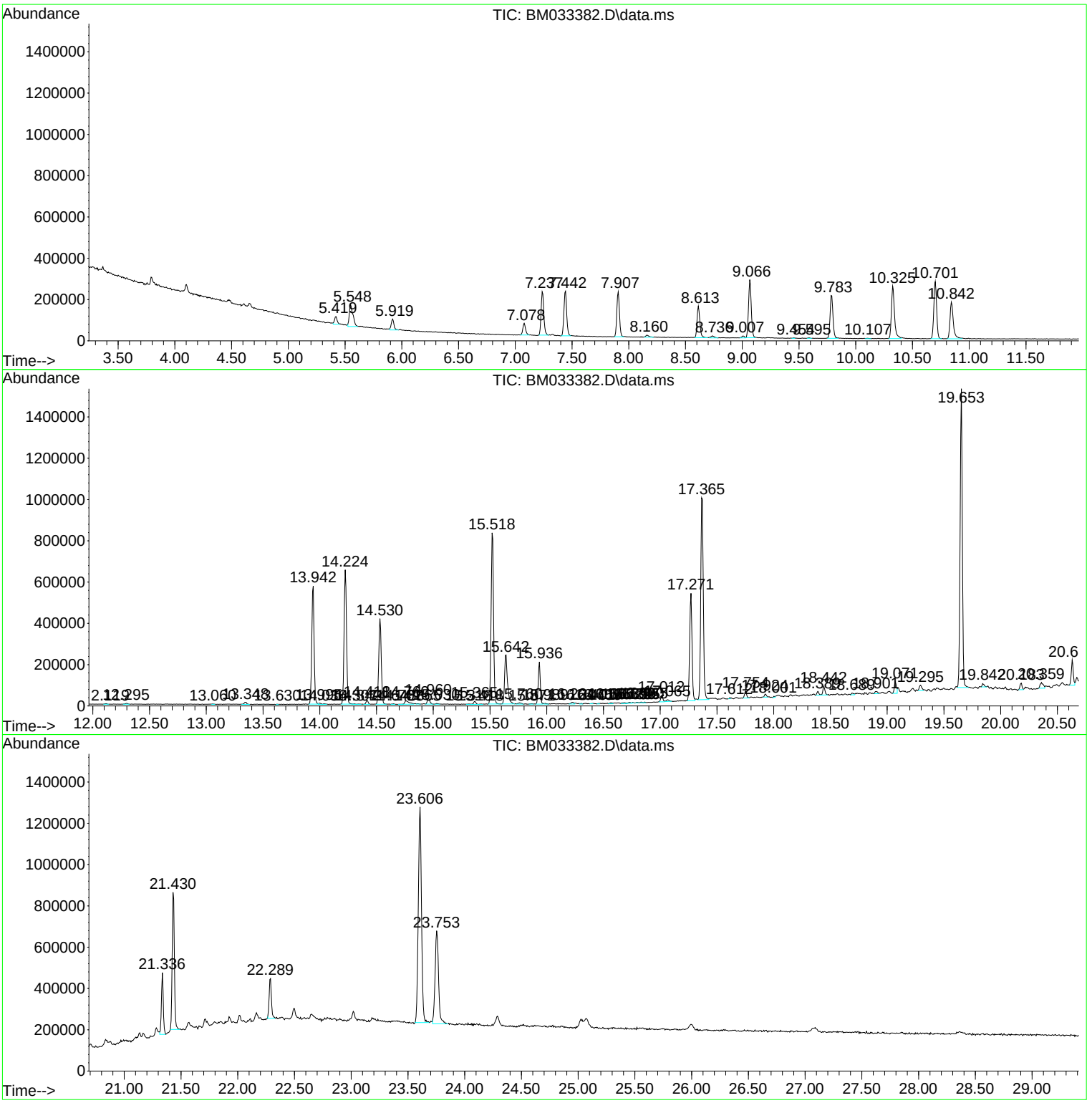
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5S5

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 : BM033382.D
Acq On : 10 Dec 2021 06:34
Operator : CG/JU
Sample : M4985-10
Misc :
ALS Vial : 37 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

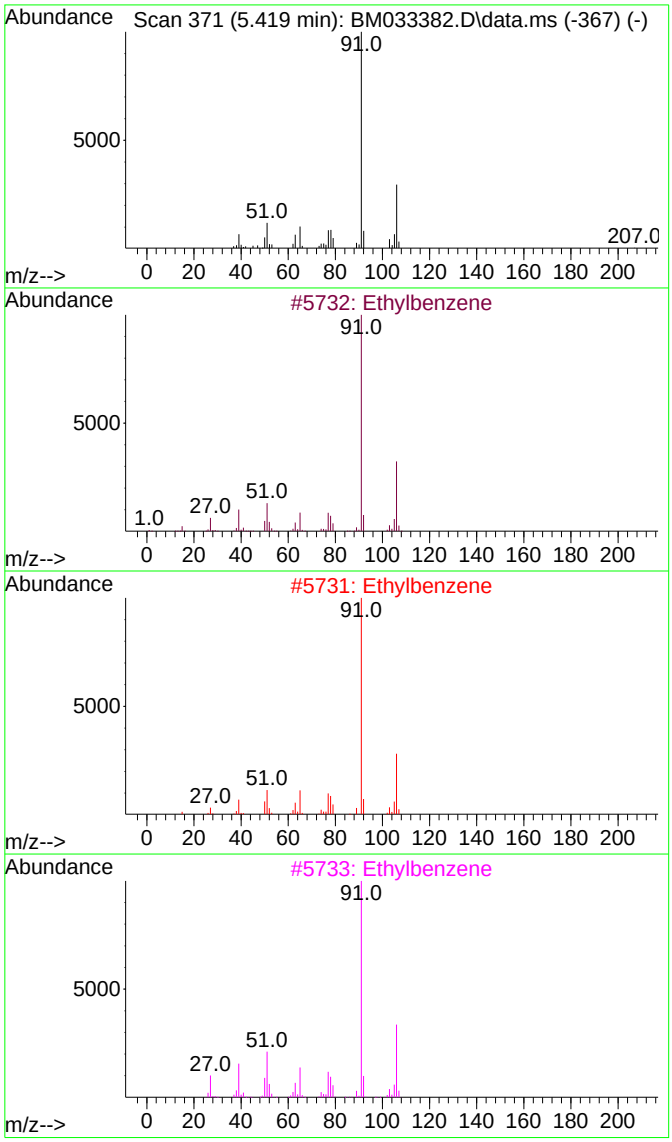
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

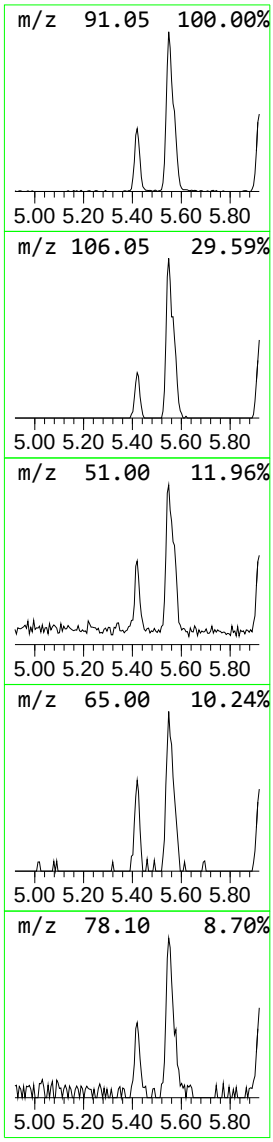
****

Peak Number 1 Ethylbenzene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.419	3.40 ng/ul	59675	1,4-Dichlorobenzene-d4	7.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Ethylbenzene	106	C8H10	000100-41-4	94
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	o-Xylene	106	C8H10	000095-47-6	90
5	Ethylbenzene	106	C8H10	000100-41-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033382.D
Acq On : 10 Dec 2021 06:34
Operator : CG/JU
Sample : M4985-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5S5

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

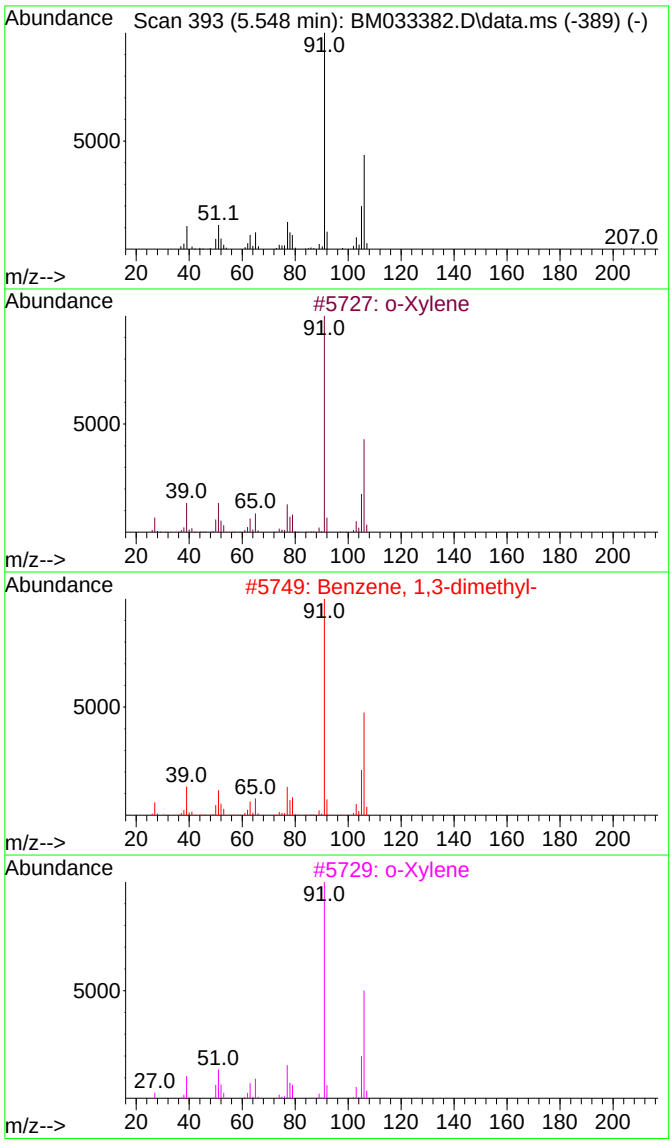
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

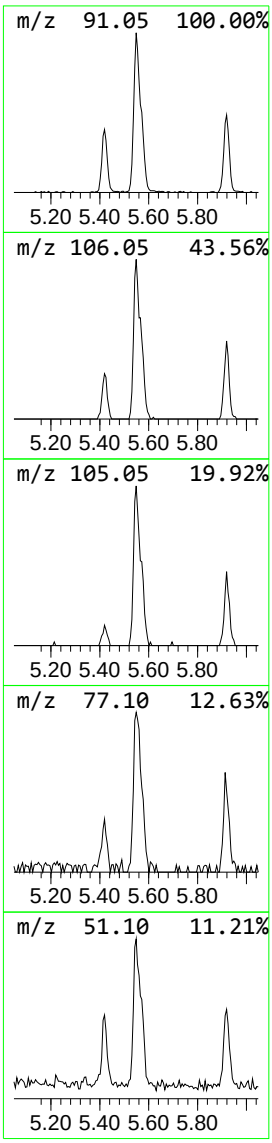
****

Peak Number 2 o-Xylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.548	13.28 ng/ul	232939	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	95
4	o-Xylene	106	C8H10	000095-47-6	95
5	p-Xylene	106	C8H10	000106-42-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033382.D
Acq On : 10 Dec 2021 06:34
Operator : CG/JU
Sample : M4985-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5S5

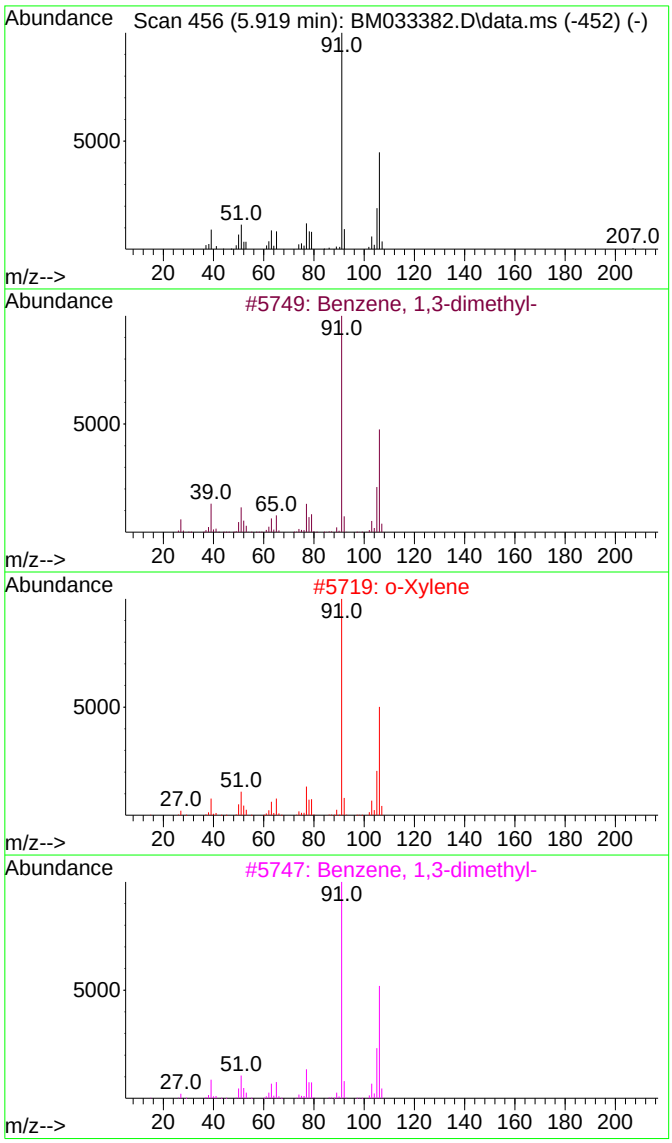
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

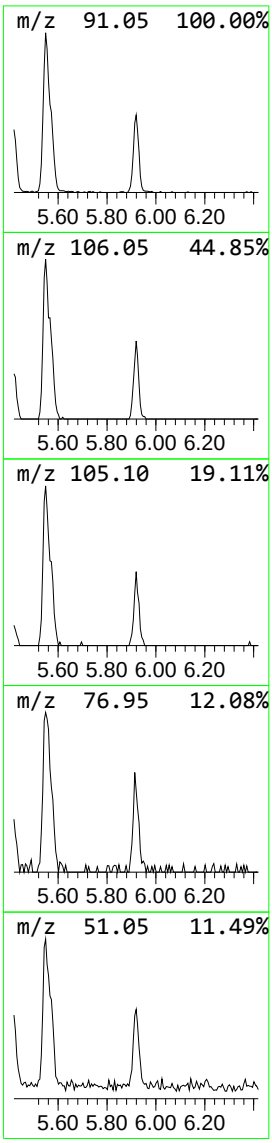
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.919	4.89 ng/ul	85782	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	95
4	o-Xylene	106	C8H10	000095-47-6	94
5	o-Xylene	106	C8H10	000095-47-6	94





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Sample : M4985-10
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ALS Vial : 37 Sample Multiplier: 1

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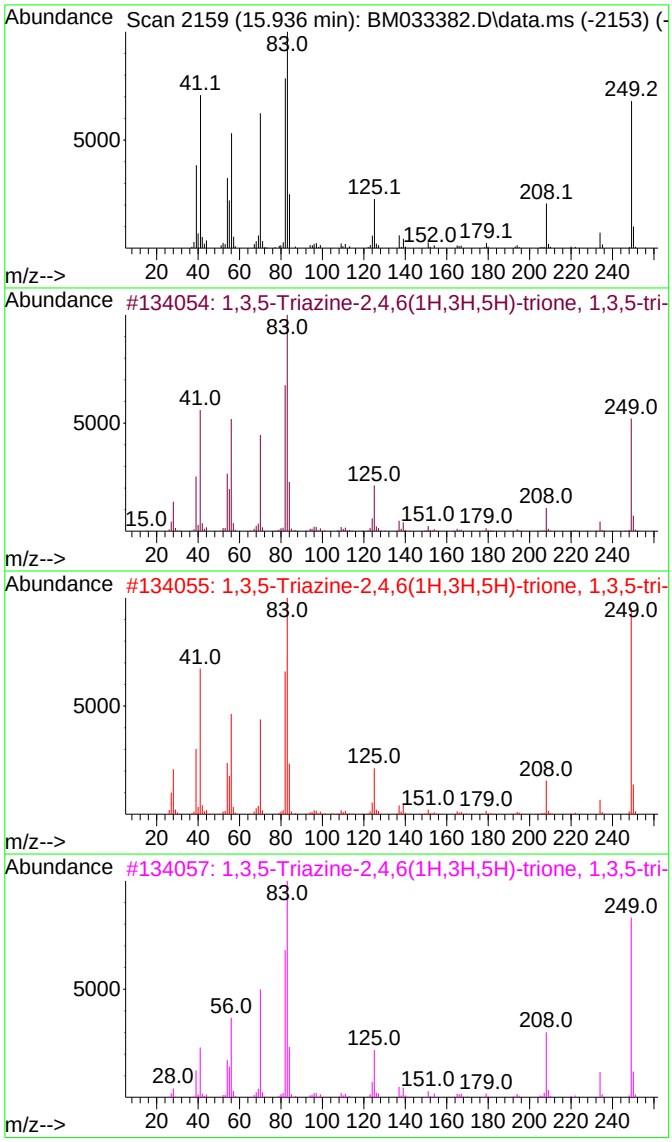
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

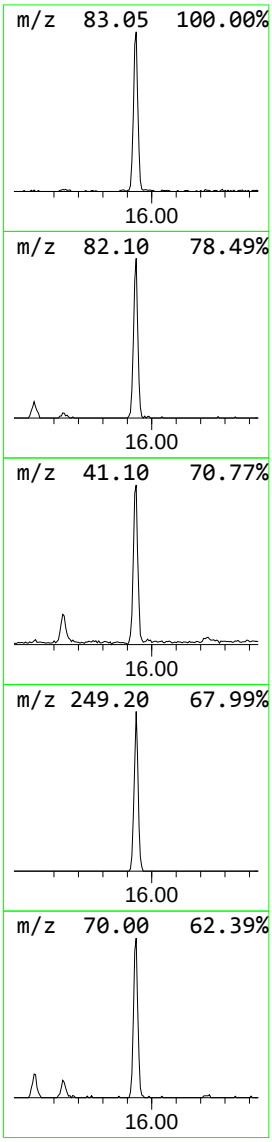
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.936	6.90 ng/ul	254951	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	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	93
5	12-Octadecenal	266	C18H34O	056554-91-7	38





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Operator : CG/JU
Sample : M4985-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

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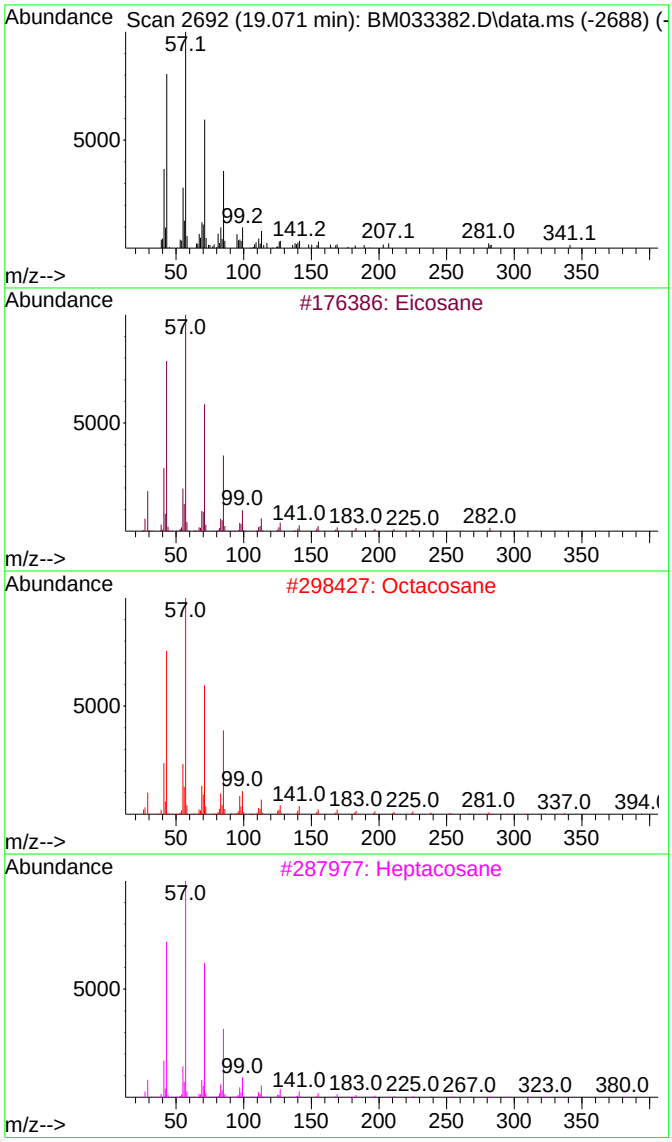
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

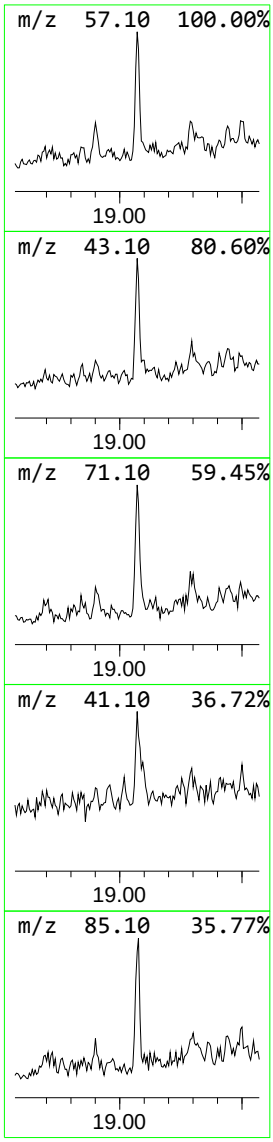
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.071	2.04 ng/ul	75395	Phenanthrene-d10	17.271

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Octacosane	394	C28H58	000630-02-4	90
3	Heptacosane	380	C27H56	000593-49-7	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033382.D
Acq On : 10 Dec 2021 06:34
Operator : CG/JU
Sample : M4985-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5S5

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

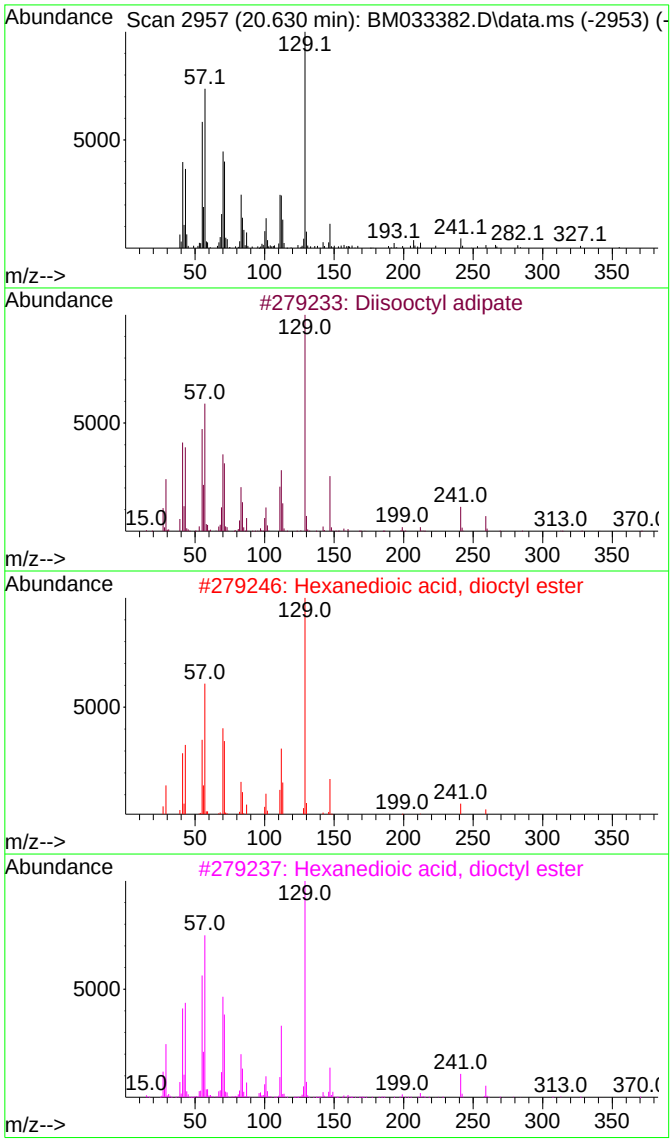
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

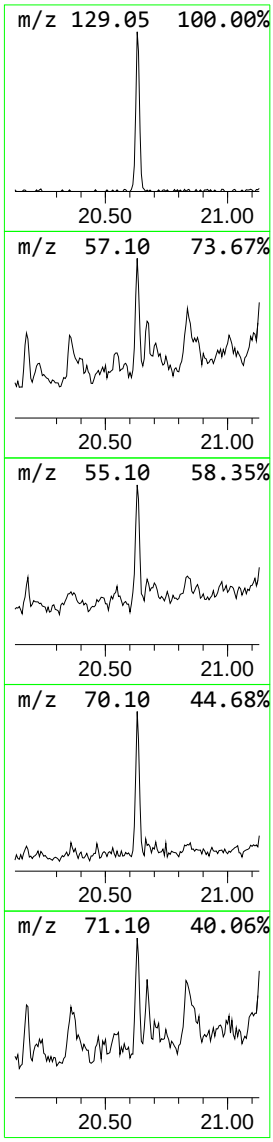
****

Peak Number 6 Diisooctyl adipate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.630	3.35 ng/ul	149013	Chrysene-d12	21.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisooctyl adipate	370	C22H42O4	001330-86-5	91
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	87
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	87
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	80





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Data File : BM033382.D
Acq On : 10 Dec 2021 06:34
Operator : CG/JU
Sample : M4985-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5S5

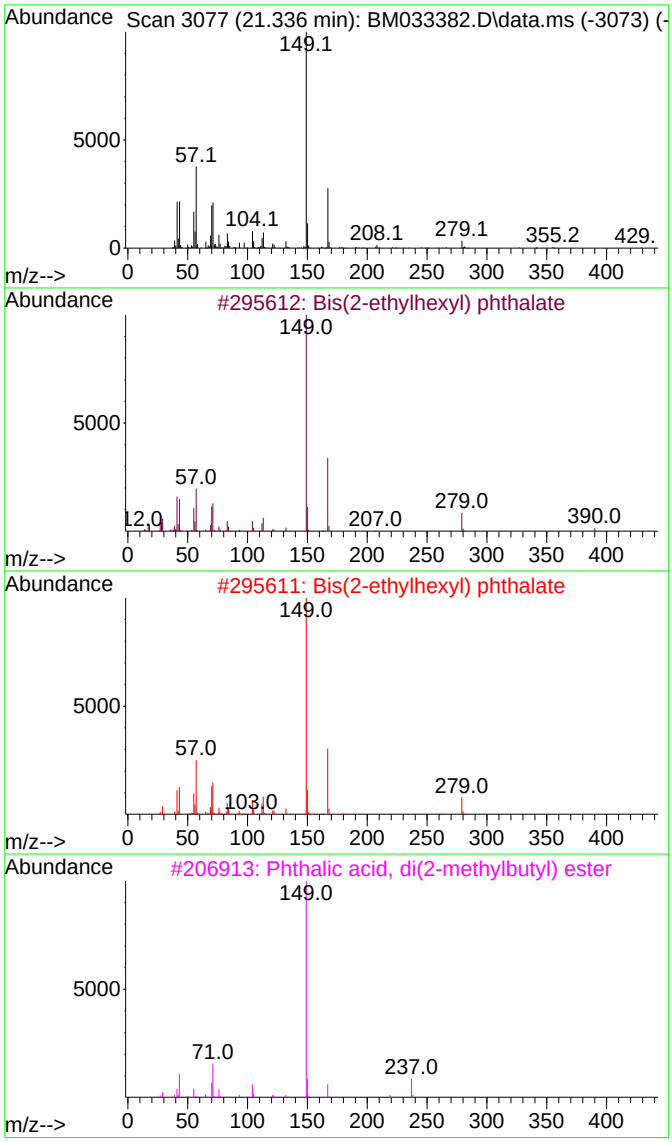
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

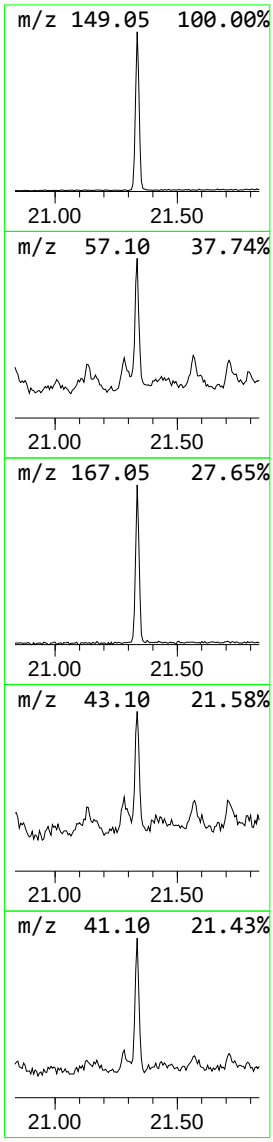
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Bis(2-ethylhexyl) phthalate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.336	7.55 ng/ul	335707	Chrysene-d12	21.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
2	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	72
3	Phthalic acid, di(2-methylbutyl)...	306	C18H26O4	1000322-82-5	53
4	Phthalic acid, cyclohexyl 2-pent...	318	C19H26O4	1000315-55-3	53
5	Phthalic acid, 2-ethylhexyl trid...	460	C29H48O4	1000308-99-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033382.D
Acq On : 10 Dec 2021 06:34
Operator : CG/JU
Sample : M4985-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5S5

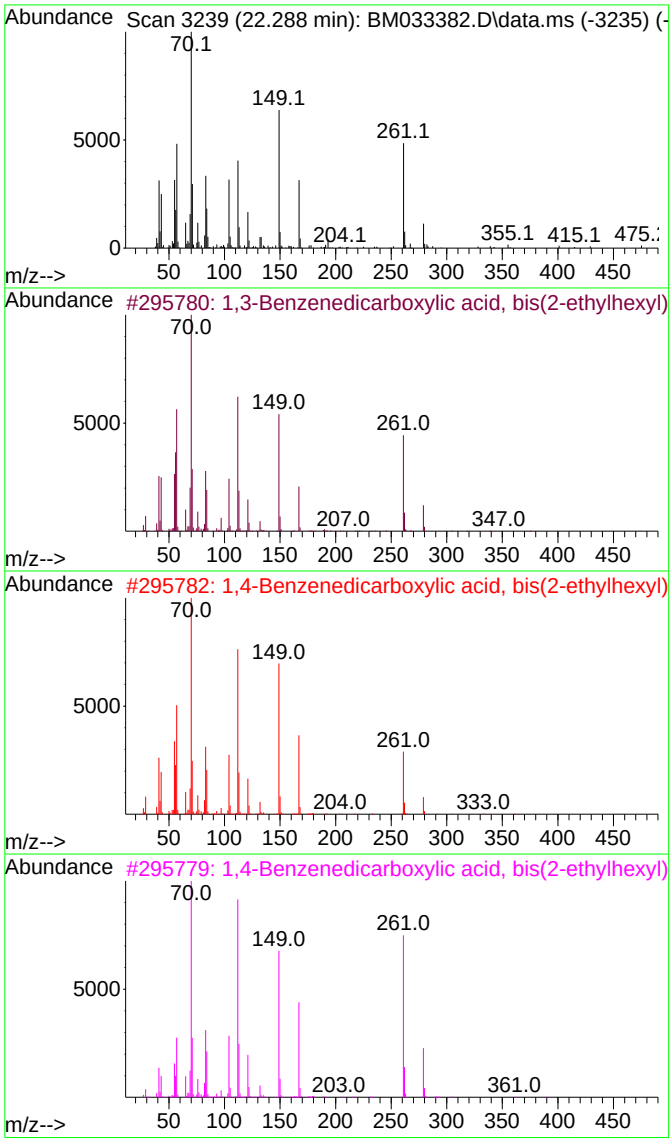
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

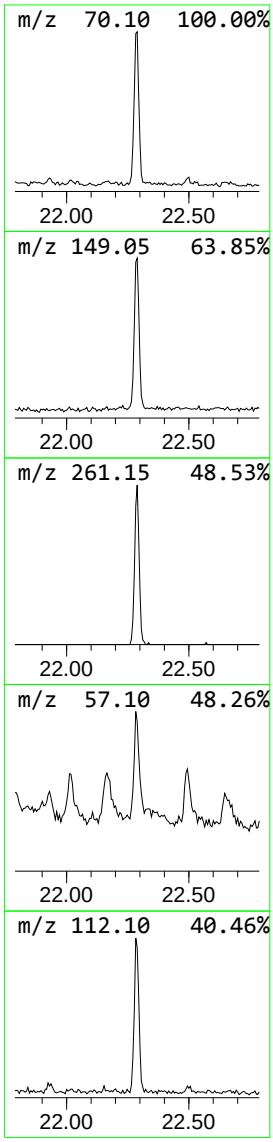
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,3-Benzenedicarboxylic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.288	6.05 ng/ul	269332	Chrysene-d12	21.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	64
2	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	64
3	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	64
4	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	47
5	Carbonic acid, ethyl 2-ethylhexy...	202	C11H22O3	1000383-13-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033382.D
Acq On : 10 Dec 2021 06:34
Operator : CG/JU
Sample : M4985-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5S5

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	3.4	ng/ul	59675	1	7.907	350913	20.0
o-Xylene	5.548	13.3	ng/ul	232939	1	7.907	350913	20.0
Benzene, 1,3-di...	5.919	4.9	ng/ul	85782	1	7.907	350913	20.0
1,3,5-Triazine-...	15.936	6.9	ng/ul	254951	4	17.271	739115	20.0
(DEL) Alkane: S...	19.071	2.0	ng/ul	75395	4	17.271	739115	20.0
Diisooctyl adipate	20.630	3.4	ng/ul	149013	5	21.430	889633	20.0
Bis(2-ethylhexy...	21.336	7.5	ng/ul	335707	5	21.430	889633	20.0
1,3-Benzenedica...	22.288	6.0	ng/ul	269332	5	21.430	889633	20.0