LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033384.D
Acq On : 10 Dec 2021 07:45
Operator : CG/JU
Sample : M4985-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW5P8

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: BM033384.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.625	232	236	250	rVB3	363795	613559	28.03%	3.087%
2	5.419	368	371	378	rVB	40393	58919	2.69%	0.296%
3	5.548	389	393	402	rVB2	104998	228451	10.44%	1.149%
4	5.919	452	456	465	rVB	50608	84018	3.84%	0.423%
5	7.078	647	653	664	rVB	64900	119611	5.46%	0.602%
6	7.237	674	680	689	rBV	219921	367491	16.79%	1.849%
7	7.437	708	714	724	rVB	222672	383255	17.51%	1.928%
8	7.907	787	794	802	rBV	213691	356125	16.27%	1.792%
9	8.613	908	914	926	rBV	171640	288320	13.17%	1.451%
10	8.736	930	935	940	rVB2	9537	14758	0.67%	0.074%
11	9.007	977	981	984	rBV3	12440	16766	0.77%	0.084%
12	9.066	984	991	1002	rVB	298615	501988	22.93%	2.526%
13	9.448	1053	1056	1062	rVB4	4526	7115	0.33%	0.036%
14	9.783	1107	1113	1128	rVB	220170	390659	17.85%	1.966%
15	10.325	1199	1205	1223	rBV	277153	522111	23.85%	2.627%
16	10.566	1244	1246	1252	rVB6	1587	2364	0.11%	0.012%
17	10.701	1262	1269	1279	rVB	288705	492195	22.49%	2.476%
18	10.842	1286	1293	1307	rBV	202709	402497	18.39%	2.025%
19	10.989	1317	1318	1322	rVB2	2542	2678	0.12%	0.013%
20	11.219	1353	1357	1360	rVV	1871	2258	0.10%	0.011%
21	11.654	1429	1431	1435	rVB2	2056	2286	0.10%	0.012%
22	12.113	1504	1509	1515	rVB3	3628	5620	0.26%	0.028%
23	12.295	1532	1540	1545	rBV5	5230	9833	0.45%	0.049%
24	13.054	1664	1669	1674	rVB5	2615	4276	0.20%	0.022%
25	13.130	1680	1682	1686	rBV2	2896	4070	0.19%	0.020%
26	13.183	1688	1691	1695	rVB2	2002	3132	0.14%	0.016%
27	13.342	1713	1718	1726	rBV2	14576	23002	1.05%	0.116%
28	13.942	1812	1820	1827	rBV	595228	876065	40.03%	4.408%
29	14.171	1856	1859	1862	rBV3	7405	11560	0.53%	0.058%
30	14.224	1862	1868	1879	rVB	692265	1032439	47.17%	5.195%
31	14.418	1896	1901	1906	rVB	22447	30144	1.38%	0.152%
32	14.530	1914	1920	1928	rBV	437331	648241	29.62%	3.262%
33	14.648	1937	1940	1944	rVB4	2115	2490	0.11%	0.013%
34	14.760	1953	1959	1965	rBV5	21028	50733	2.32%	0.255%
35	14.960	1988	1993	1999	rVB4	19624	34108	1.56%	0.172%

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Instrument :
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ClientSampleId :
EW5P8

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

36	15.036	2001	2006	2010	rVV4	2545	4930	0.23%	0.025%
37	15.101	2013	2017	2019	rBV3	2552	2667	0.12%	0.013%
38	15.160	2024	2027	2030	rVB3	2099	2621	0.12%	0.013%
39	15.260	2039	2044	2046	rBV4	1403	2214	0.10%	0.011%
40	15.318	2050	2054	2057	rVV3	7565	11611	0.53%	0.058%
41	15.365	2057	2062	2067	rVV4	17837	26032	1.19%	0.131%
42	15.418	2070	2071	2075	rVB4	2133	2194	0.10%	0.011%
43	15.518	2082	2088	2102	rVB	877171	1303652	59.56%	6.559%
44	15.636	2102	2108	2119	rBV	257428	397200	18.15%	1.998%
45	15.760	2124	2129	2135	rVV7	6636	12560	0.57%	0.063%
46	15.818	2137	2139	2142	rBV4	2370	2788	0.13%	0.014%
47	15.871	2142	2148	2151	rBV5	3138	5130	0.23%	0.026%
48	15.936	2153	2159	2165	rBV	200809	266635	12.18%	1.342%
49	15.983	2165	2167	2173	rVB5	3043	4340	0.20%	0.022%
50	16.060	2176	2180	2185	rBV6	2982	4813	0.22%	0.024%
51	16.224	2205	2208	2216	rVB4	10473	16020	0.73%	0.081%
52	16.342	2226	2228	2233	rVB6	2134	3036	0.14%	0.015%
53	16.407	2233	2239	2240	rBV5	4292	5427	0.25%	0.027%
54	16.483	2249	2252	2255	rVB5	2981	3858	0.18%	0.019%
55	16.512	2255	2257	2260	rBV4	2343	3233	0.15%	0.016%
56	16.571	2263	2267	2270	rVV6	5010	7665	0.35%	0.039%
57	16.624	2274	2276	2279	rVV4	2675	2914	0.13%	0.015%
58	16.683	2282	2286	2289	rBV5	3912	5637	0.26%	0.028%
59	16.736	2293	2295	2298	rBV4	3116	3819	0.17%	0.019%
60	16.801	2303	2306	2308	rBV3	4068	4289	0.20%	0.022%
61	16.830	2308	2311	2313	rBV4	2766	3388	0.15%	0.017%
62	17.012	2339	2342	2346	rVV	29549	39833	1.82%	0.200%
63	17.065	2348	2351	2357	rVB6	9716	16454	0.75%	0.083%
64	17.142	2362	2364	2366	rVV2	4425	4168	0.19%	0.021%
65	17.177	2366	2370	2374	rVB6	13562	20713	0.95%	0.104%
66	17.271	2380	2386	2392	rBV	540869	805572	36.80%	4.053%
67	17.365	2396	2402	2411	rVV	1081680	1575463	71.98%	7.927%
68	17.548	2431	2433	2441	rVB9	10168	18536	0.85%	0.093%
69	17.754	2464	2468	2473	rBV	39328	52314	2.39%	0.263%
70	17.795	2473	2475	2481	rBV7	7122	15633	0.71%	0.079%
71	17.924	2495	2497	2503	rVB6	14402	18382	0.84%	0.092%
72	18.389	2573	2576	2581	rVB5	20568	26718	1.22%	0.134%
73	18.442	2581	2585	2590	rBV	48495	64241	2.94%	0.323%
74	18.900	2660	2663	2669	rBV3	17534	29387	1.34%	0.148%
75	19.071	2688	2692	2695	rBV	61184	82680	3.78%	0.416%

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Instrument :
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ClientSampleId :
EW5P8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Title : SVOA CALIBRATION

76	19.289	2726	2729	2734	rBV3	27865	43042	1.97%	0.217%
77	19.653	2785	2791	2804	rVB	1529719	2089276	95.45%	10.512%
78	20.177	2878	2880	2884	rVB3	35531	36212	1.65%	0.182%
79	20.630	2953	2957	2961	rBV	136491	154650	7.07%	0.778%
80	20.671	2961	2964	2967	rBV2	28988	36887	1.69%	0.186%
81	21.136	3040	3043	3046	rBV2	42527	51386	2.35%	0.259%
82	21.277	3065	3067	3072	rBV3	33844	58945	2.69%	0.297%
83	21.336	3073	3077	3083	rVB	332747	373177	17.05%	1.878%
84	21.430	3088	3093	3100	rBV	754948	1014435	46.35%	5.104%
85	22.289	3235	3239	3246	rVB	218235	296191	13.53%	1.490%
86	23.606	3456	3463	3477	rVB2	1097787	2188782	100.00%	11.013%
87	23.753	3482	3488	3503	rVB2	506443	1060110	48.43%	5.334%

Sum of corrected areas: 19874997

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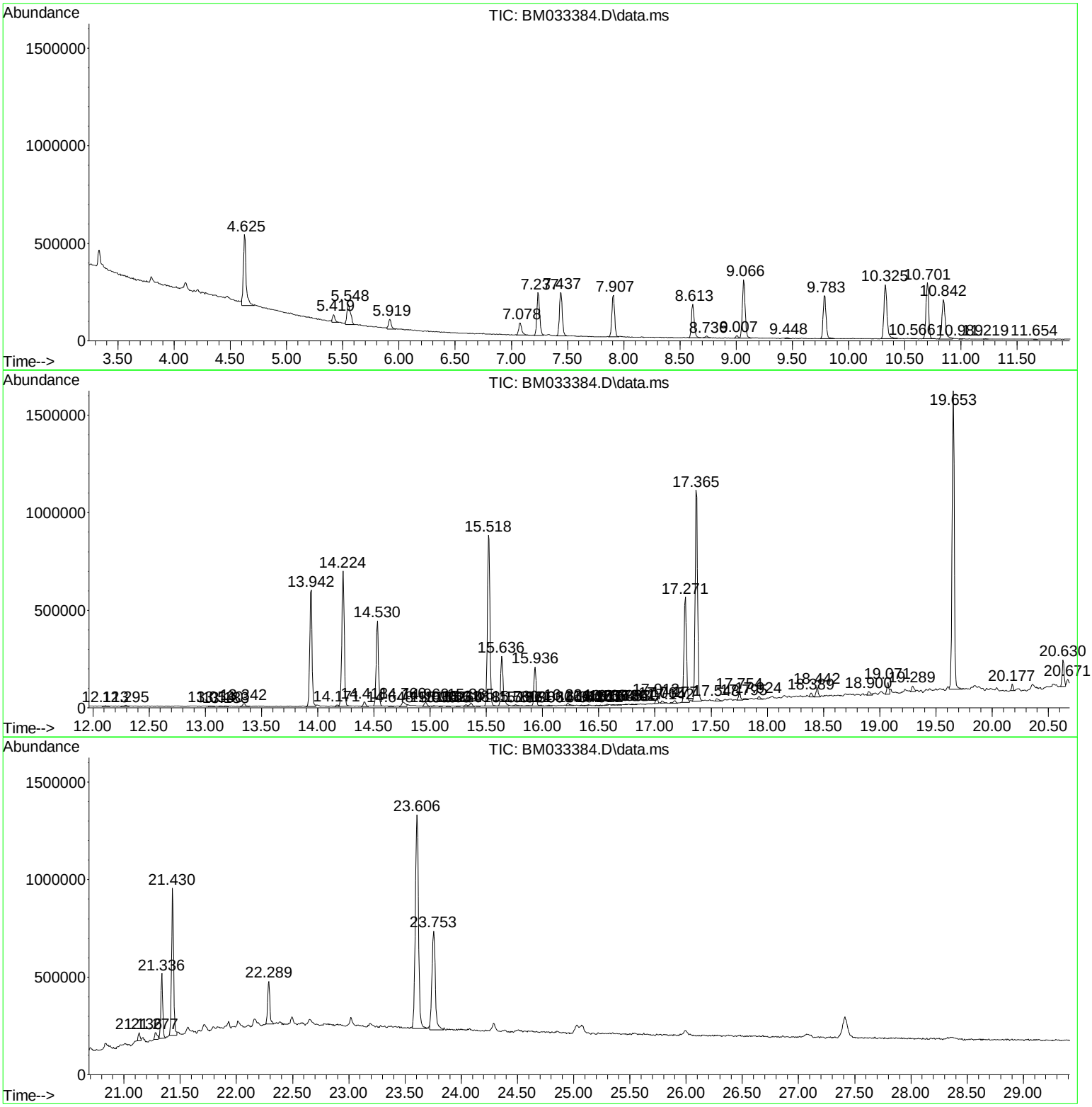
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033384.D
Acq On : 10 Dec 2021 07:45
Operator : CG/JU
Sample : M4985-02
Misc :
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

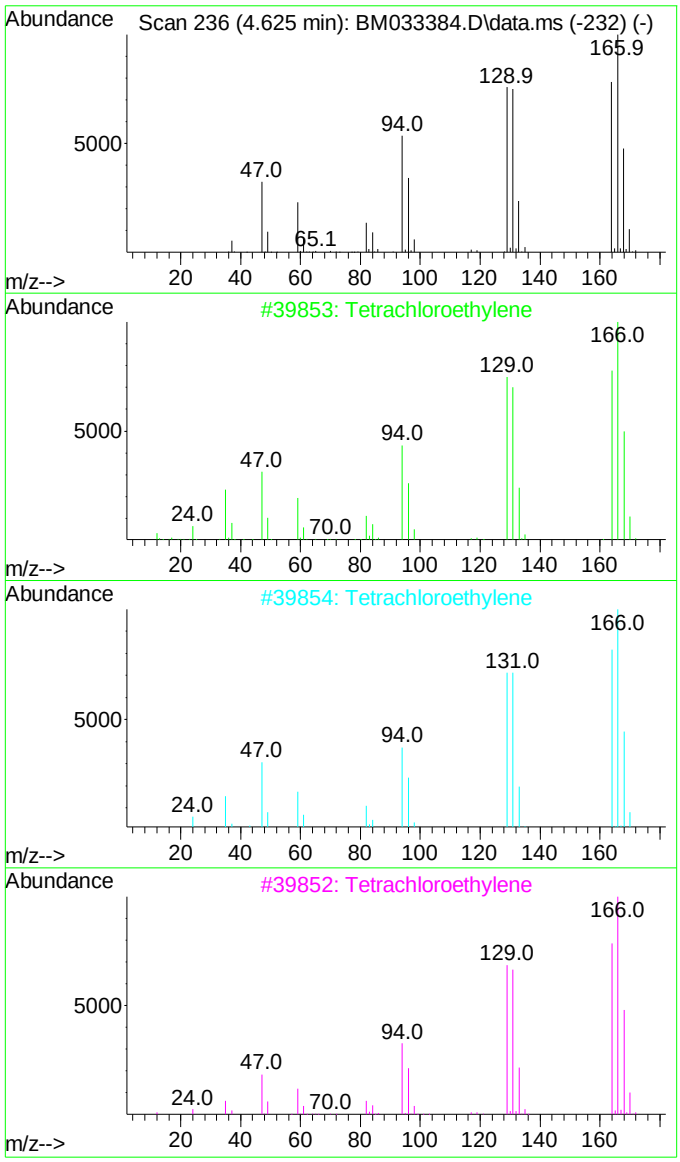
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

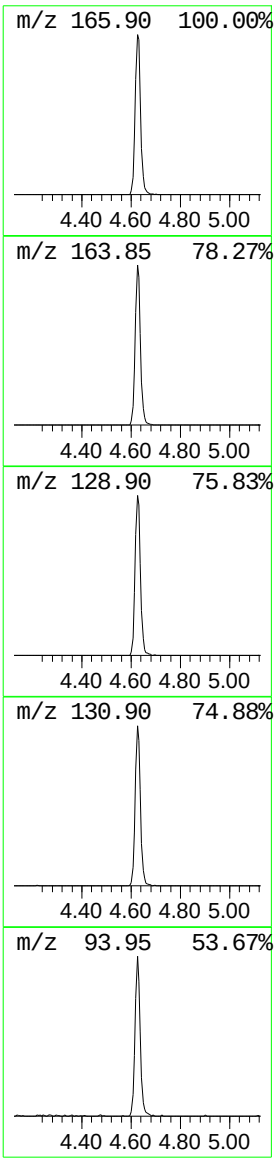
****

Peak Number 1 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.625	34.46 ng/ul	613559	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	32





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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

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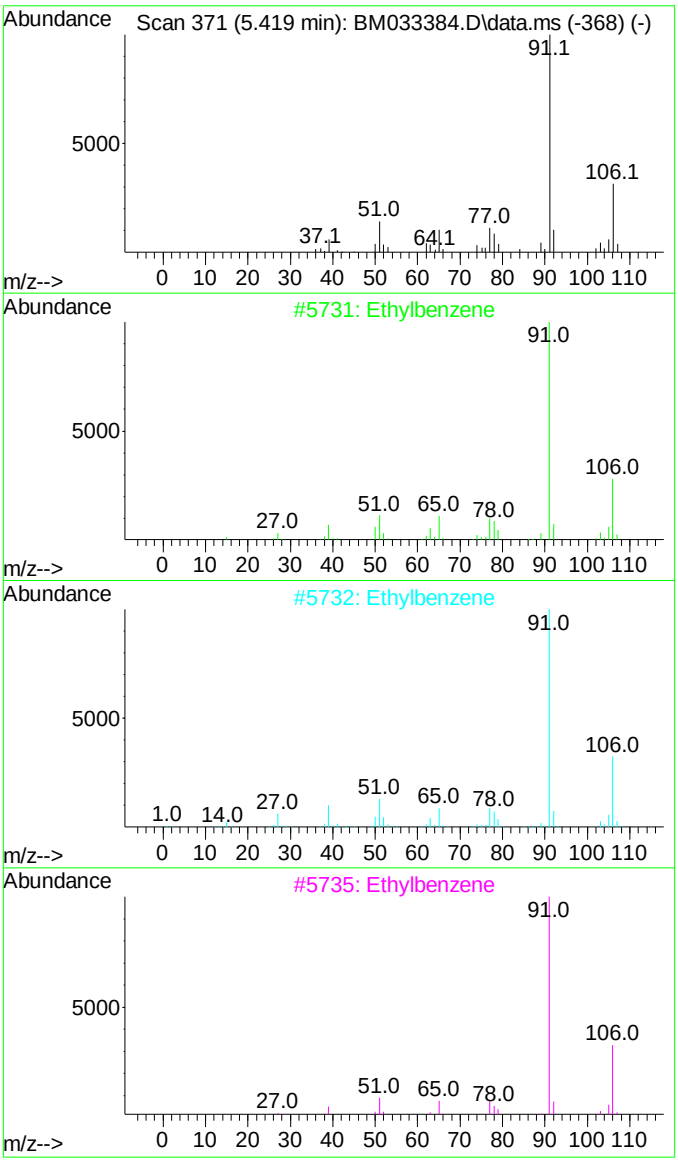
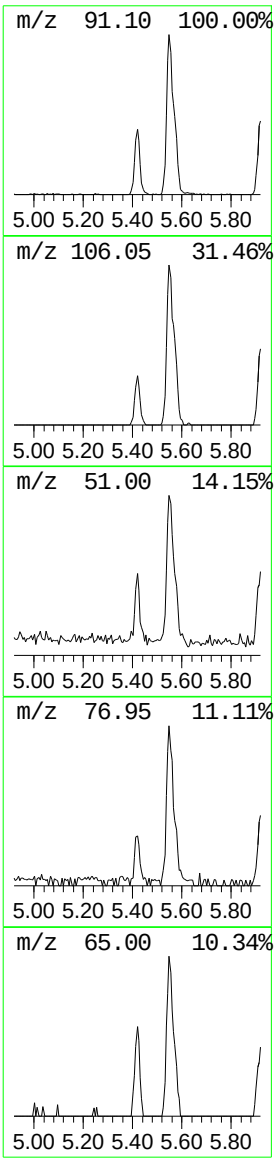
Peak Number 2 Ethylbenzene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.419	3.31 ng/ul	58919	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	91
3	Ethylbenzene	106	C8H10	000100-41-4	90
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	o-Xylene	106	C8H10	000095-47-6	90





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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

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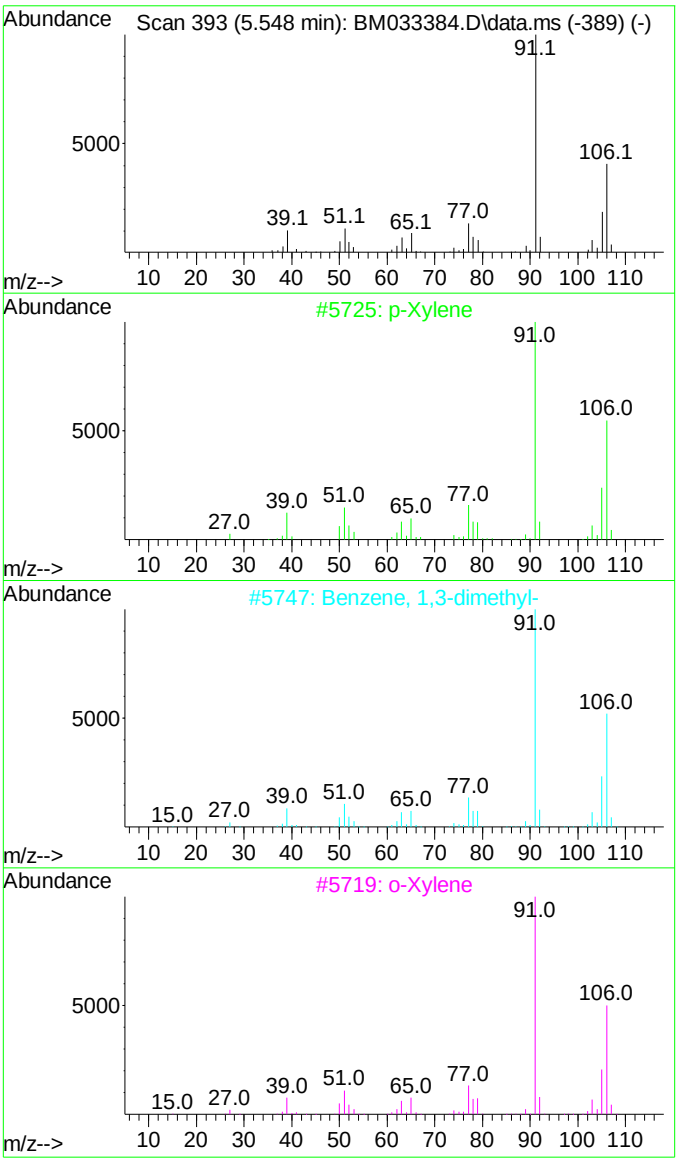
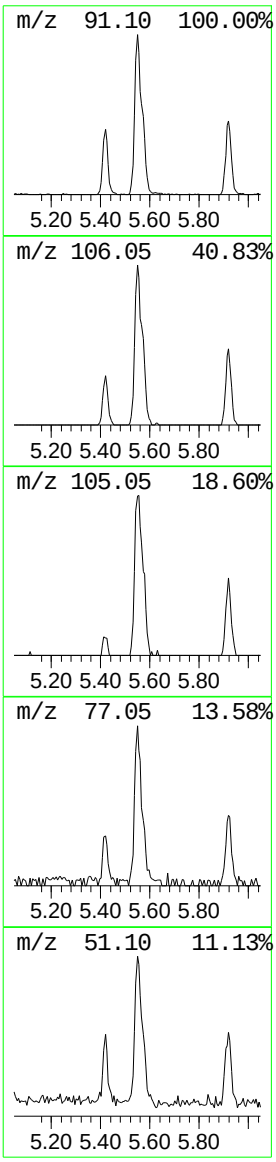
Peak Number 3 p-Xylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.548	12.83 ng/ul	228451	1,4-Dichlorobenzene-d4	7.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	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	95
5	o-Xylene	106	C8H10	000095-47-6	95





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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

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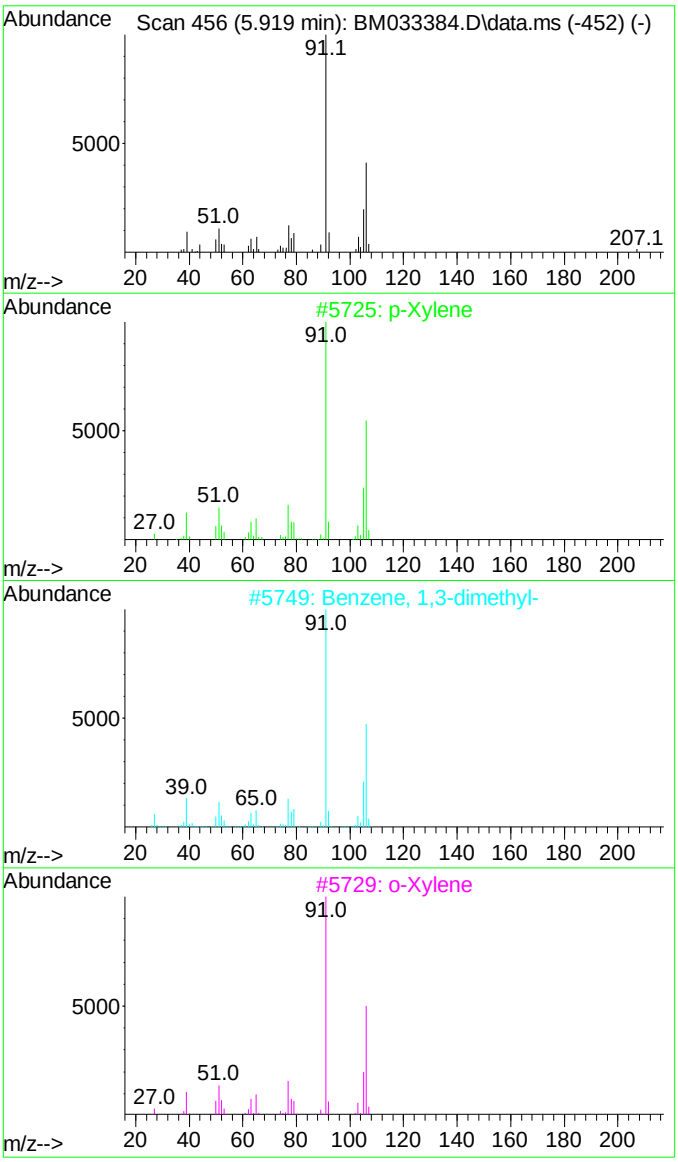
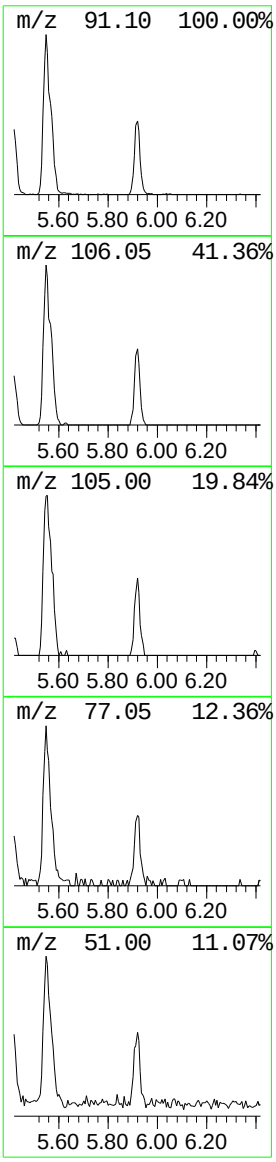
Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.919	4.72 ng/ul	84018	1,4-Dichlorobenzene-d4	7.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	o-Xylene	106	C8H10	000095-47-6	95
4	p-Xylene	106	C8H10	000106-42-3	95
5	o-Xylene	106	C8H10	000095-47-6	95





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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

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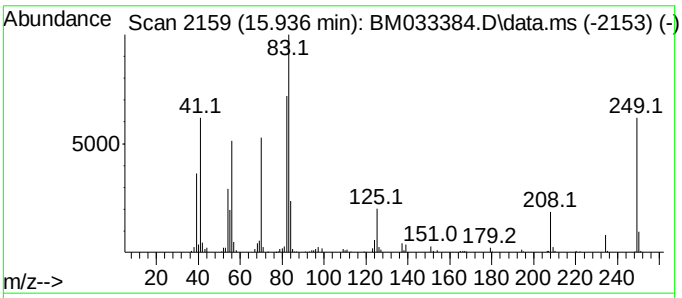
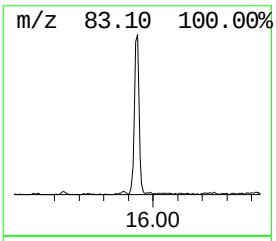
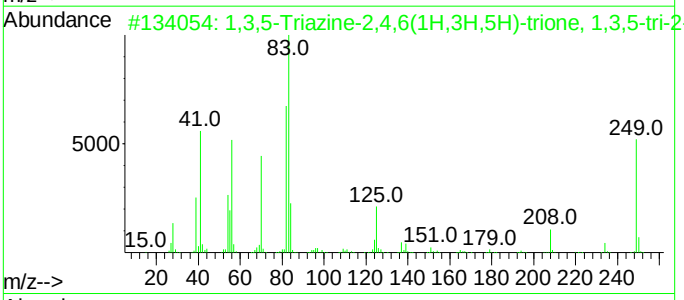
Peak Number 5 1,3,5-Triazine-2,4,6(1H,3H,... Concentration Rank 3

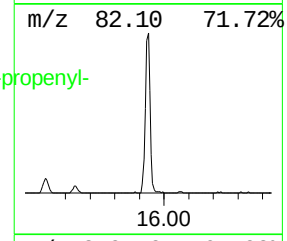
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.936	6.62 ng/ul	266635	Phenanthrene-d10	17.271

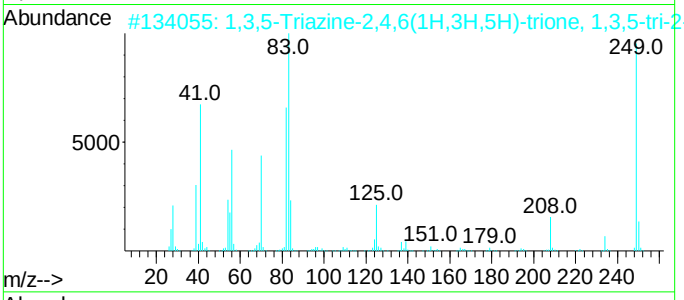
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	99
2	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	97
3	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	95
4	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	93
5	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	25

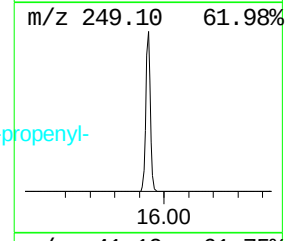


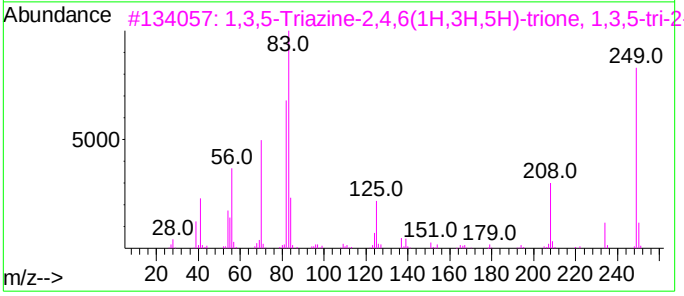


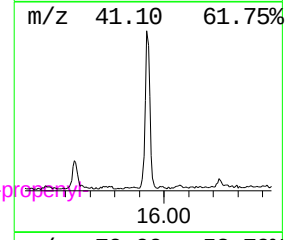


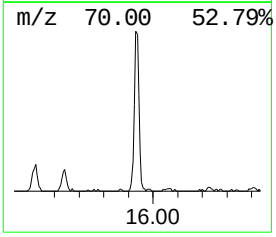












Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033384.D
Acq On : 10 Dec 2021 07:45
Operator : CG/JU
Sample : M4985-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5P8

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

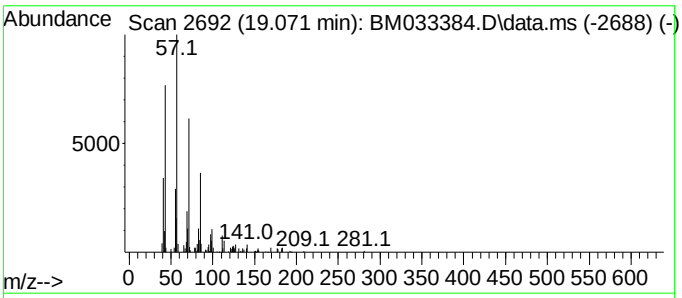
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

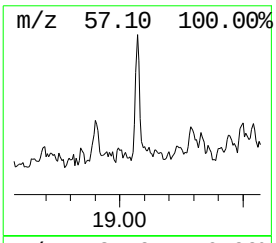
****

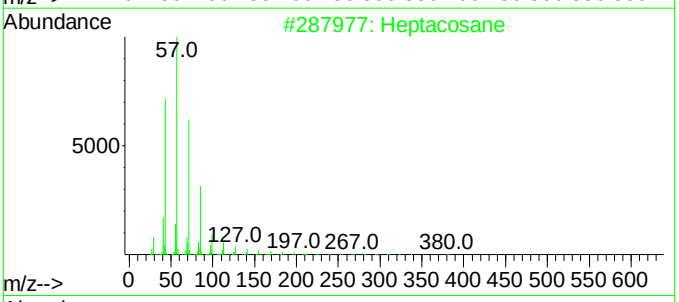
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

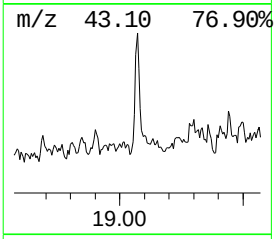
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.071	2.05 ng/ul	82680	Phenanthrene-d10	17.271

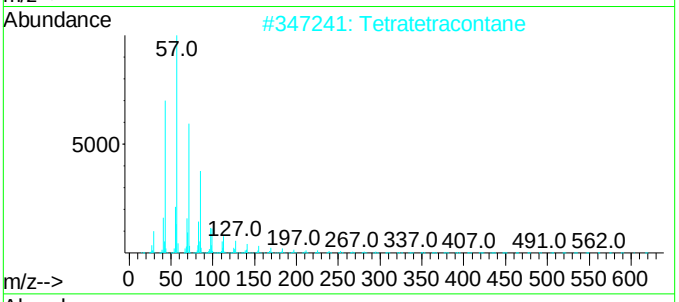
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
5	Pentadecane	212	C15H32	000629-62-9	86

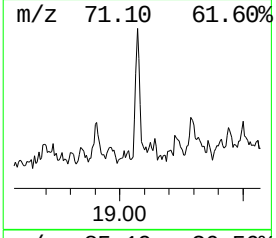


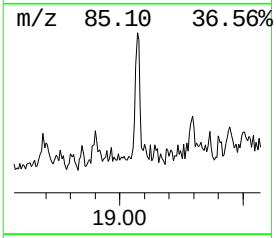


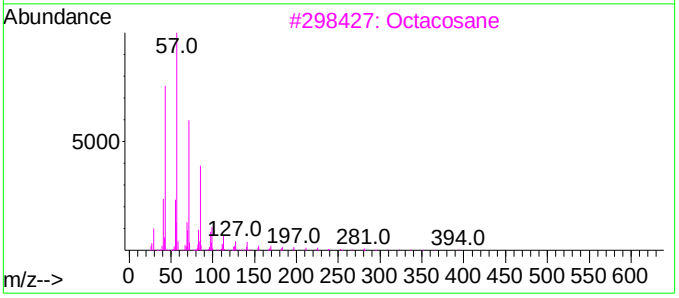


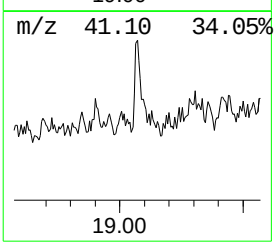












Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033384.D
Acq On : 10 Dec 2021 07:45
Operator : CG/JU
Sample : M4985-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5P8

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

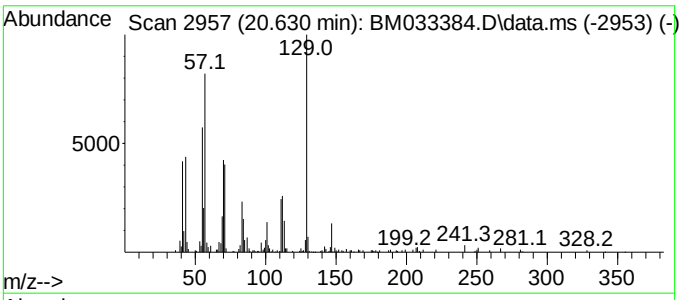
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

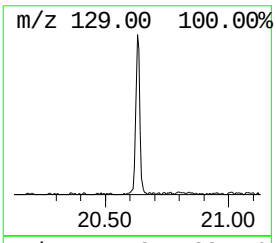
****

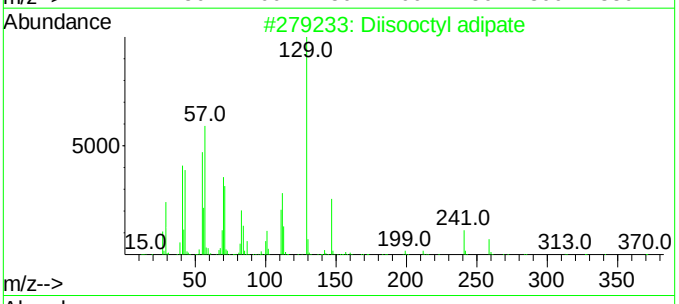
Peak Number 7 Diisooctyl adipate Concentration Rank 7

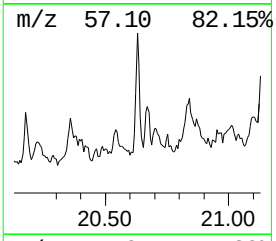
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.630	3.05 ng/ul	154650	Chrysene-d12	21.430

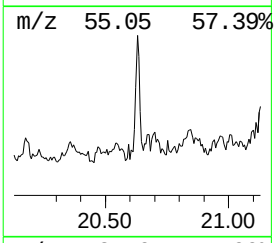
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisooctyl adipate	370	C22H42O4	001330-86-5	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	87
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
5	Hexanedioic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

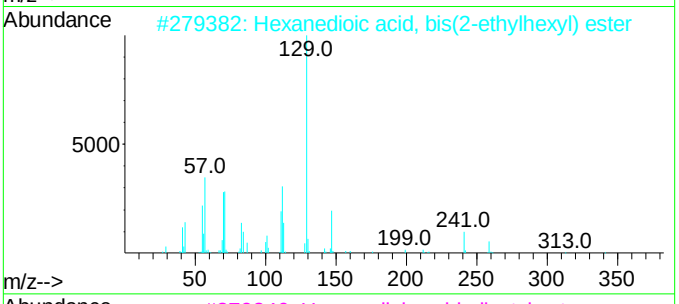


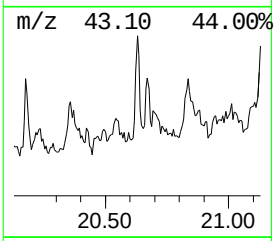


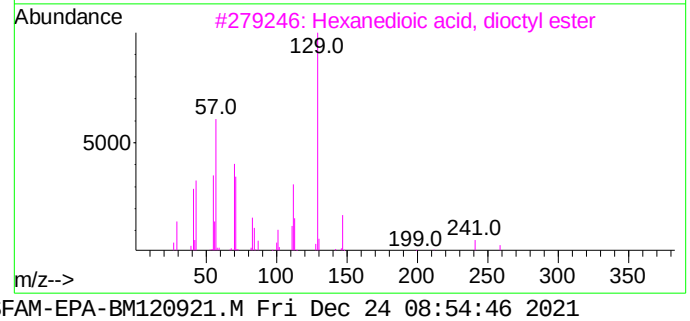


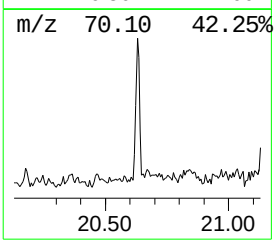












Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033384.D
Acq On : 10 Dec 2021 07:45
Operator : CG/JU
Sample : M4985-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5P8

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

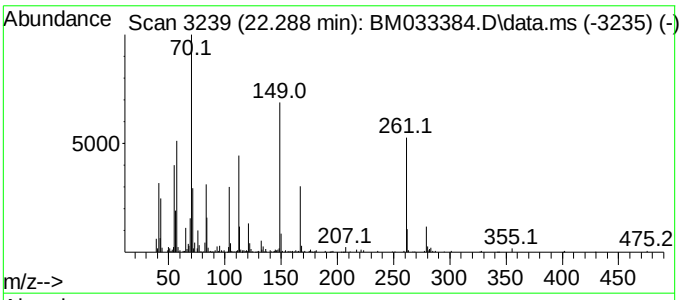
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

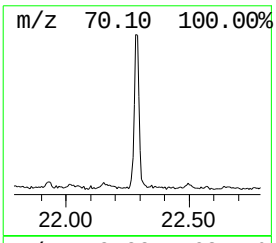
****

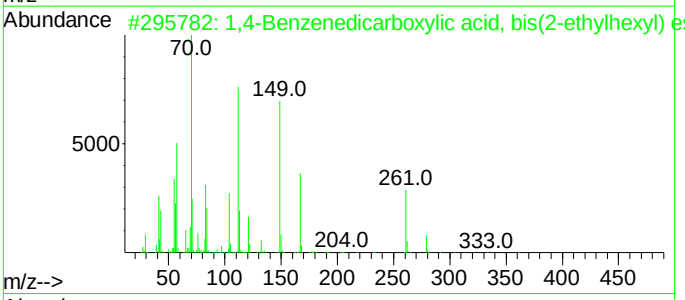
Peak Number 8 1,4-Benzenedicarboxylic aci... Concentration Rank 4

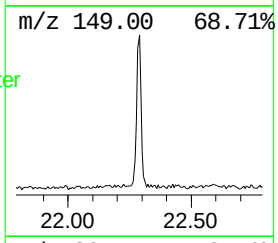
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.288	5.84 ng/ul	296191	Chrysene-d12	21.430

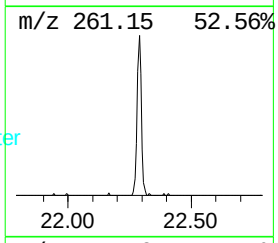
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	91
2	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	81
3	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	68
4	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	64
5	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	50

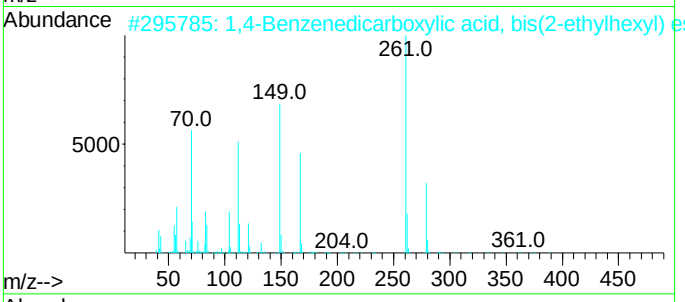


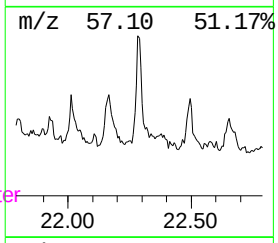


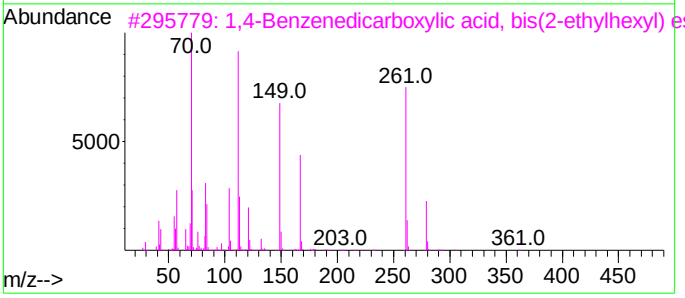


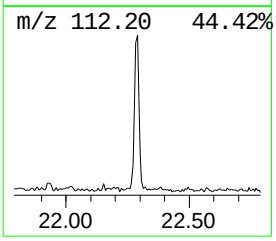












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033384.D
Acq On : 10 Dec 2021 07:45
Operator : CG/JU
Sample : M4985-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5P8

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	34.5	ng/ul	613559	1	7.907	356125	20.0
Ethylbenzene	5.419	3.3	ng/ul	58919	1	7.907	356125	20.0
p-Xylene	5.548	12.8	ng/ul	228451	1	7.907	356125	20.0
Benzene, 1,3-di...	5.919	4.7	ng/ul	84018	1	7.907	356125	20.0
1,3,5-Triazine-...	15.936	6.6	ng/ul	266635	4	17.271	805572	20.0
(DEL) Alkane: S...	19.071	2.0	ng/ul	82680	4	17.271	805572	20.0
Diisooctyl adipate	20.630	3.0	ng/ul	154650	5	21.430	1014440	20.0
1,4-Benzenedica...	22.288	5.8	ng/ul	296191	5	21.430	1014440	20.0