LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051472.D
Acq On : 11 Dec 2021 2:30
Operator : CG/JU
Sample : M4985-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW5S6

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_G\Methods\SFAM-EPA-BG120821.M
Title : SVOA CALIBRATION

Signal : TIC: BG051472.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.529	3	7	12	rBV3	6494	9401	1.03%	0.107%
2	3.964	79	81	84	rBV2	809	1047	0.11%	0.012%
3	3.999	84	87	92	rBV2	9381	18419	2.02%	0.209%
4	4.222	123	125	127	rVB2	1576	943	0.10%	0.011%
5	4.246	127	129	130	rVV2	1231	947	0.10%	0.011%
6	4.263	130	132	133	rVV2	2030	1894	0.21%	0.022%
7	4.299	133	138	146	rVB2	14903	28243	3.10%	0.321%
8	4.686	201	204	207	rBV4	2797	3772	0.41%	0.043%
9	4.821	224	227	228	rBV2	1925	1403	0.15%	0.016%
10	4.874	231	236	242	rVB	5920	9688	1.06%	0.110%
11	5.115	274	277	281	rBV4	852	1033	0.11%	0.012%
12	5.650	363	368	374	rBV	12984	21139	2.32%	0.240%
13	5.785	385	391	406	rVB	43463	98794	10.83%	1.123%
14	6.161	450	455	463	rBV2	19002	32356	3.55%	0.368%
15	6.267	471	473	476	rVB3	1030	1170	0.13%	0.013%
16	6.349	485	487	490	rBV2	968	1003	0.11%	0.011%
17	6.907	579	582	585	rBV2	957	1297	0.14%	0.015%
18	7.383	657	663	672	rVV	14160	33277	3.65%	0.378%
19	7.501	677	683	696	rVV	89355	166639	18.26%	1.894%
20	7.589	696	698	704	rVB4	3329	4356	0.48%	0.050%
21	7.665	710	711	715	rBV3	892	1201	0.13%	0.014%
22	7.730	715	722	735	rVV	74691	152267	16.69%	1.730%
23	8.182	792	799	808	rBV	78364	147505	16.17%	1.676%
24	8.500	850	853	854	rBV2	1233	1045	0.11%	0.012%
25	8.811	905	906	914	rVB2	534	982	0.11%	0.011%
26	8.923	917	925	937	rBV	49446	114626	12.56%	1.303%
27	9.052	943	947	948	rBV2	1130	1108	0.12%	0.013%
28	9.081	950	952	955	rVB3	900	962	0.11%	0.011%
29	9.299	984	989	994	rBV2	3385	5529	0.61%	0.063%
30	9.369	994	1001	1016	rBV	113400	219843	24.09%	2.498%
31	9.516	1021	1026	1028	rBV3	786	1279	0.14%	0.015%
32	9.880	1083	1088	1091	rBV2	925	1598	0.18%	0.018%
33	10.098	1118	1125	1135	rBV	84577	168320	18.45%	1.913%
34	10.662	1215	1221	1249	rBV	77636	214220	23.48%	2.434%
35	10.850	1252	1253	1259	rVB2	931	1406	0.15%	0.016%
36	11.008	1273	1280	1289	rBV	122193	222153	24.35%	2.525%

LSC Area Percent Report

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Operator : CG/JU
Sample : M4985-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW5S6

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_G\Methods\SFAM-EPA-BG120821.M
Title : SVOA CALIBRATION

37	11.173	1301	1308	1329	rBV	65163	180044	19.73%	2.046%
38	12.624	1553	1555	1558	rVB2	964	1050	0.12%	0.012%
39	13.317	1670	1673	1677	rVB3	956	1287	0.14%	0.015%
40	13.599	1716	1721	1725	rBV2	6195	8564	0.94%	0.097%
41	14.210	1819	1825	1837	rBV	259452	428888	47.00%	4.874%
42	14.369	1849	1852	1859	rVB2	699	1086	0.12%	0.012%
43	14.516	1870	1877	1889	rBV	321595	526088	57.66%	5.979%
44	14.669	1897	1903	1910	rVB3	10272	15514	1.70%	0.176%
45	14.816	1920	1928	1935	rBV	205936	323995	35.51%	3.682%
46	14.927	1944	1947	1950	rVV2	1797	2286	0.25%	0.026%
47	15.092	1972	1975	1979	rBV	780	922	0.10%	0.010%
48	15.209	1990	1995	1996	rBV3	1783	2518	0.28%	0.029%
49	15.262	2001	2004	2013	rVV6	9102	20604	2.26%	0.234%
50	15.344	2017	2018	2023	rVV4	1708	2009	0.22%	0.023%
51	15.415	2027	2030	2036	rBV2	708	1356	0.15%	0.015%
52	15.615	2060	2064	2070	rVV	7572	10531	1.15%	0.120%
53	15.809	2089	2097	2109	rBV	419963	671124	73.55%	7.627%
54	15.955	2117	2122	2144	rBV3	64574	160255	17.56%	1.821%
55	16.096	2144	2146	2148	rVV2	1648	1425	0.16%	0.016%
56	16.196	2156	2163	2171	rBV	113164	154609	16.94%	1.757%
57	16.326	2182	2185	2188	rBV4	942	1115	0.12%	0.013%
58	16.473	2205	2210	2216	rBV3	5279	9152	1.00%	0.104%
59	16.567	2222	2226	2228	rBV3	1629	1711	0.19%	0.019%
60	16.666	2240	2243	2244	rBV2	1285	1037	0.11%	0.012%
61	16.737	2250	2255	2257	rBV3	1395	2674	0.29%	0.030%
62	16.819	2264	2269	2270	rBV4	2220	3292	0.36%	0.037%
63	16.872	2273	2278	2283	rVB6	1855	3233	0.35%	0.037%
64	16.931	2286	2288	2291	rVB3	1233	1442	0.16%	0.016%
65	16.978	2294	2296	2301	rBV5	1635	2749	0.30%	0.031%
66	17.031	2302	2305	2307	rBV3	1112	1434	0.16%	0.016%
67	17.089	2312	2315	2316	rBV3	1779	1891	0.21%	0.021%
68	17.142	2319	2324	2326	rBV5	1279	2220	0.24%	0.025%
69	17.266	2342	2345	2348	rBV2	12183	15321	1.68%	0.174%
70	17.301	2348	2351	2352	rBV3	2955	2816	0.31%	0.032%
71	17.360	2358	2361	2366	rVB5	2286	3068	0.34%	0.035%
72	17.501	2381	2385	2387	rBV4	1727	1942	0.21%	0.022%
73	17.565	2390	2396	2403	rVV	259368	409700	44.90%	4.656%
74	17.665	2407	2413	2423	rVV2	487650	799986	87.67%	9.091%
75	17.759	2427	2429	2433	rVB5	8050	10459	1.15%	0.119%
76	17.877	2447	2449	2453	rVB5	3409	3812	0.42%	0.043%

LSC Area Percent Report

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Data File : BG051472.D
Acq On : 11 Dec 2021 2:30
Operator : CG/JU
Sample : M4985-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW5S6

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_G\Methods\SFAM-EPA-BG120821.M
Title : SVOA CALIBRATION

77	18.006	2467	2471	2476	rBV	19410	22587	2.48%	0.257%
78	18.200	2500	2504	2508	rVB7	6746	10726	1.18%	0.122%
79	18.253	2510	2513	2517	rBV4	8821	12740	1.40%	0.145%
80	18.641	2576	2579	2584	rVB3	13757	16803	1.84%	0.191%
81	18.693	2584	2588	2592	rBV	23485	30305	3.32%	0.344%
82	19.093	2654	2656	2660	rVB5	6370	7325	0.80%	0.083%
83	19.316	2691	2694	2697	rBV	29740	33916	3.72%	0.385%
84	19.346	2697	2699	2705	rVB7	12499	15036	1.65%	0.171%
85	19.510	2725	2727	2733	rBV7	7551	13359	1.46%	0.152%
86	19.892	2788	2792	2795	rVV2	29272	35384	3.88%	0.402%
87	19.945	2796	2801	2810	rVB	583031	912452	100.00%	10.369%
88	20.086	2823	2825	2831	rVB7	9048	9384	1.03%	0.107%
89	20.192	2840	2843	2846	rBV5	8314	12657	1.39%	0.144%
90	20.421	2878	2882	2886	rBV3	18586	27365	3.00%	0.311%
91	20.609	2909	2914	2918	rBV5	12936	29075	3.19%	0.330%
92	20.879	2956	2960	2964	rBV	66029	76254	8.36%	0.867%
93	20.920	2964	2967	2969	rBV2	11281	11916	1.31%	0.135%
94	21.625	3082	3087	3091	rBV8	13905	31309	3.43%	0.356%
95	21.696	3094	3099	3105	rVB	121425	176784	19.37%	2.009%
96	21.872	3123	3129	3140	rVB	211703	401773	44.03%	4.566%
97	23.030	3321	3326	3338	rVB	77182	146728	16.08%	1.667%
98	23.353	3377	3381	3392	rVB6	25572	56112	6.15%	0.638%
99	25.027	3656	3666	3681	rBV2	266748	826001	90.53%	9.387%
100	25.268	3698	3707	3722	rVB3	122330	399328	43.76%	4.538%

Sum of corrected areas: 8799393

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Data File : BG051472.D
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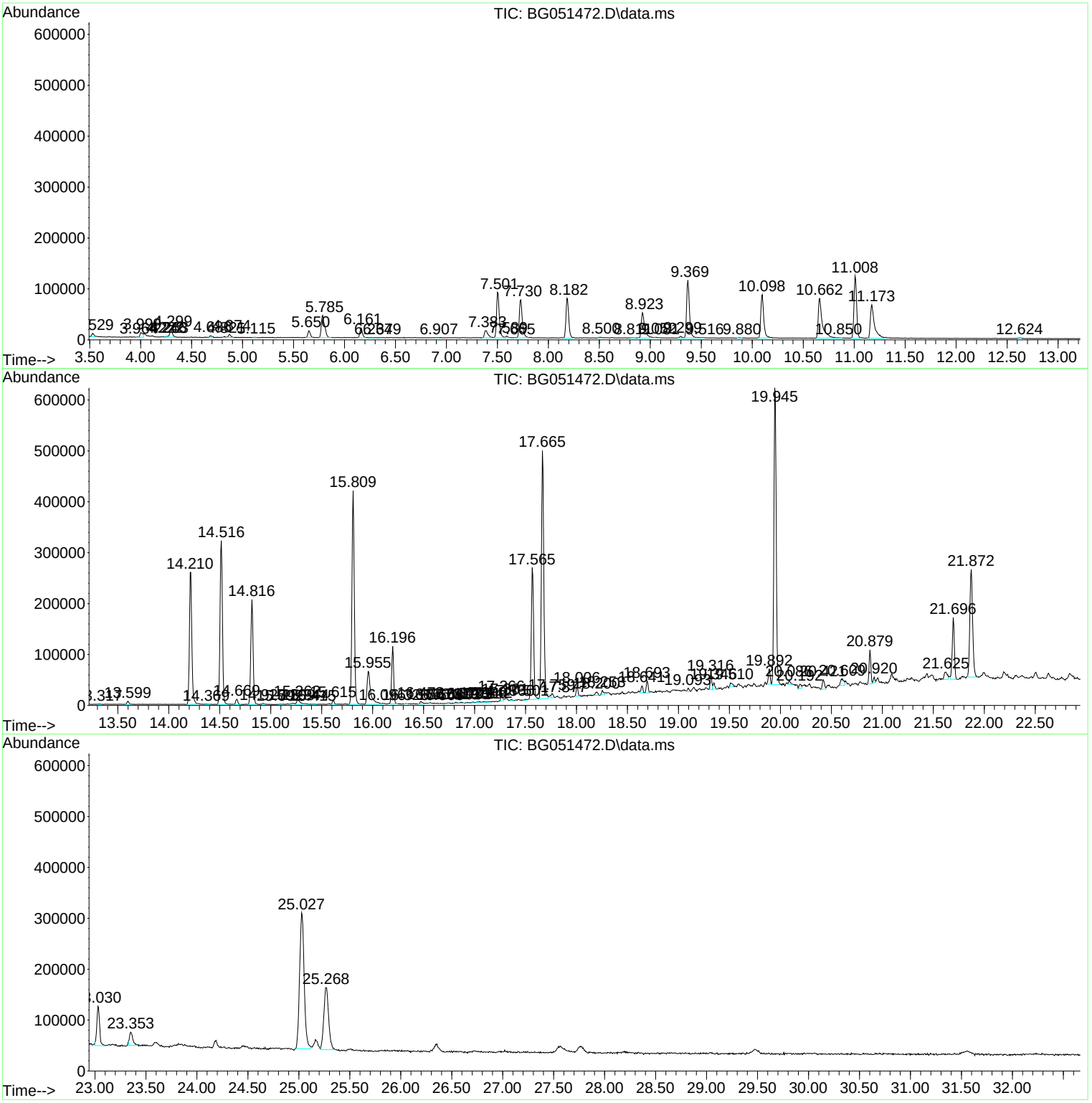
Operator : CG/JU
Sample : M4985-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW5S6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051472.D
Acq On : 11 Dec 2021 2:30
Operator : CG/JU
Sample : M4985-21
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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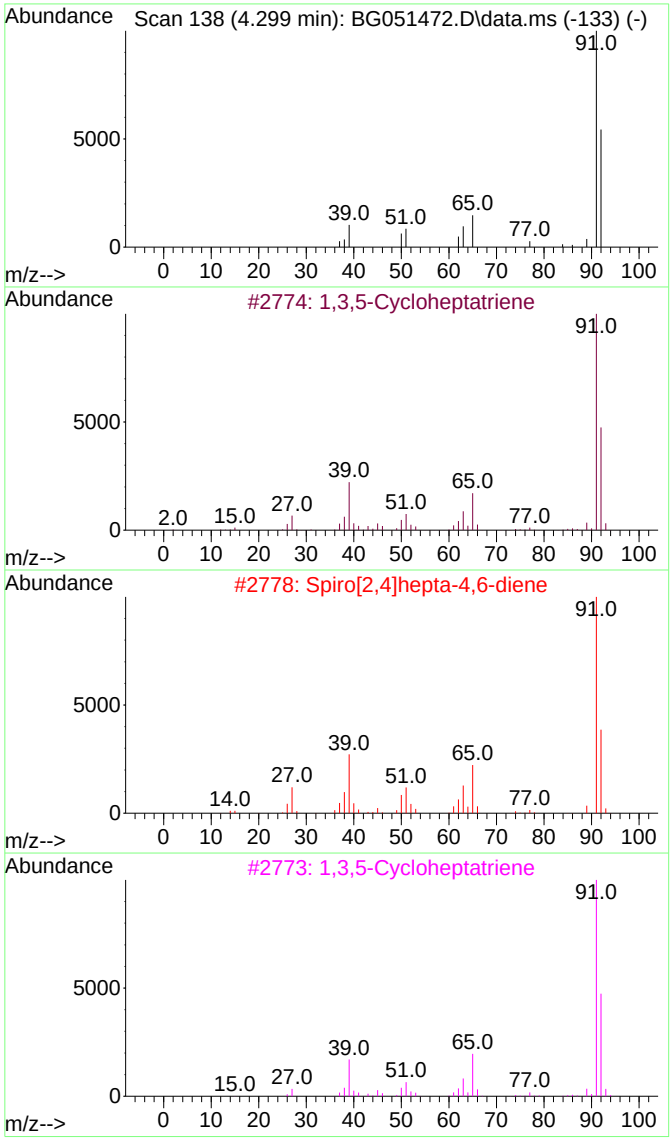
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

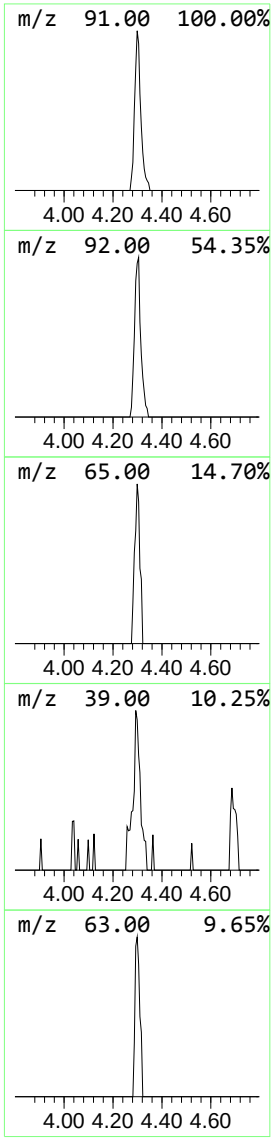
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.299	3.83 ng/ul	28243	1,4-Dichlorobenzene-d4	8.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
2	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	83
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	80
4	1,6-Heptadien-3-yne	92	C7H8	005150-80-1	78
5	1,6-Heptadien-3-yne	92	C7H8	005150-80-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051472.D
Acq On : 11 Dec 2021 2:30
Operator : CG/JU
Sample : M4985-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW5S6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

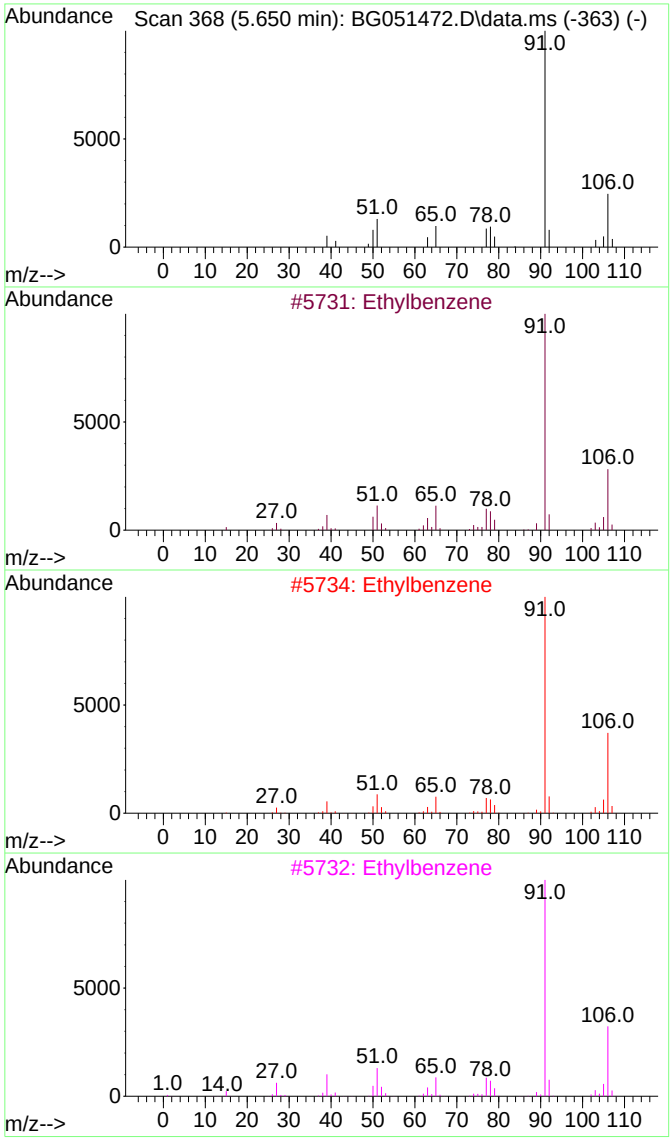
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

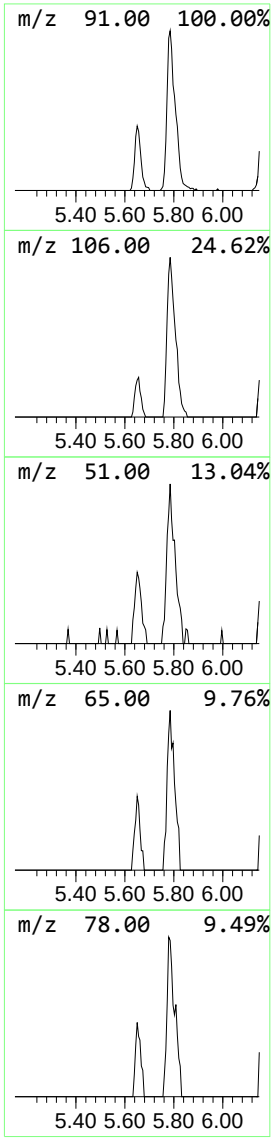
****

Peak Number 2 Ethylbenzene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.650	2.87 ng/ul	21139	1,4-Dichlorobenzene-d4	8.188

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	Ethylbenzene	106	C8H10	000100-41-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
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Sample : M4985-21
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW5S6

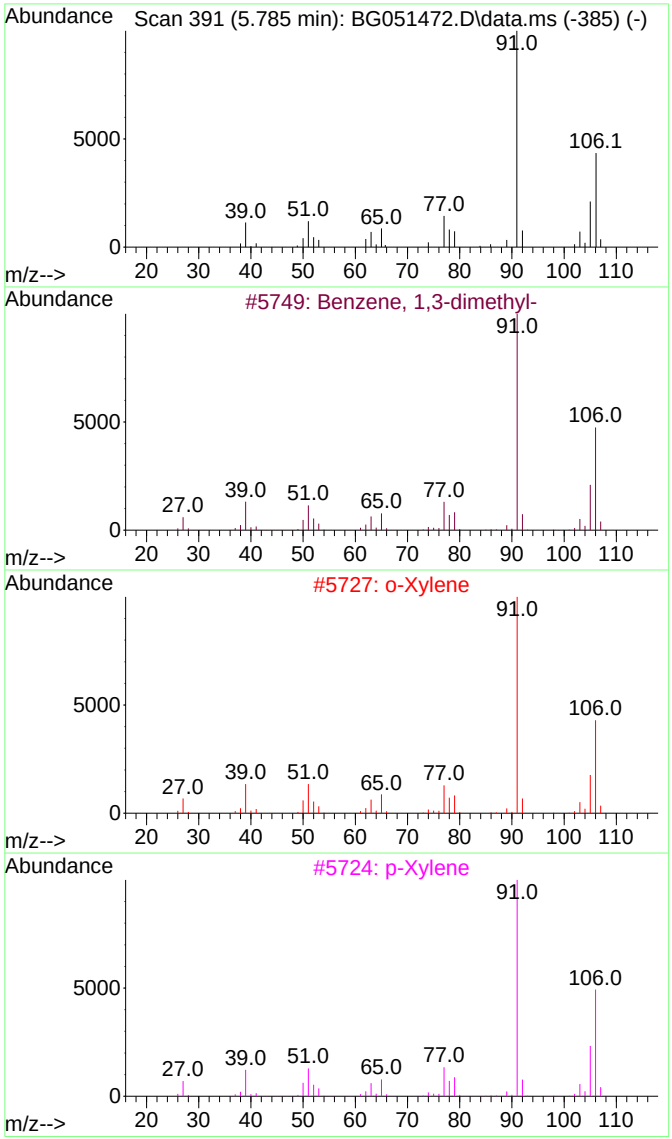
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

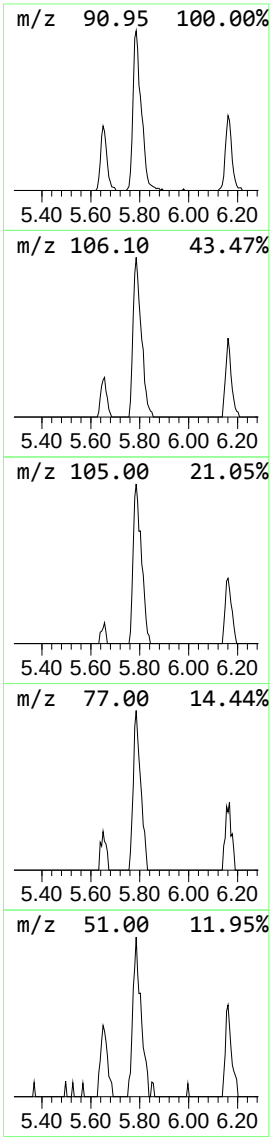
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.785	13.40 ng/ul	98794	1,4-Dichlorobenzene-d4	8.188

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051472.D
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Sample : M4985-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW5S6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

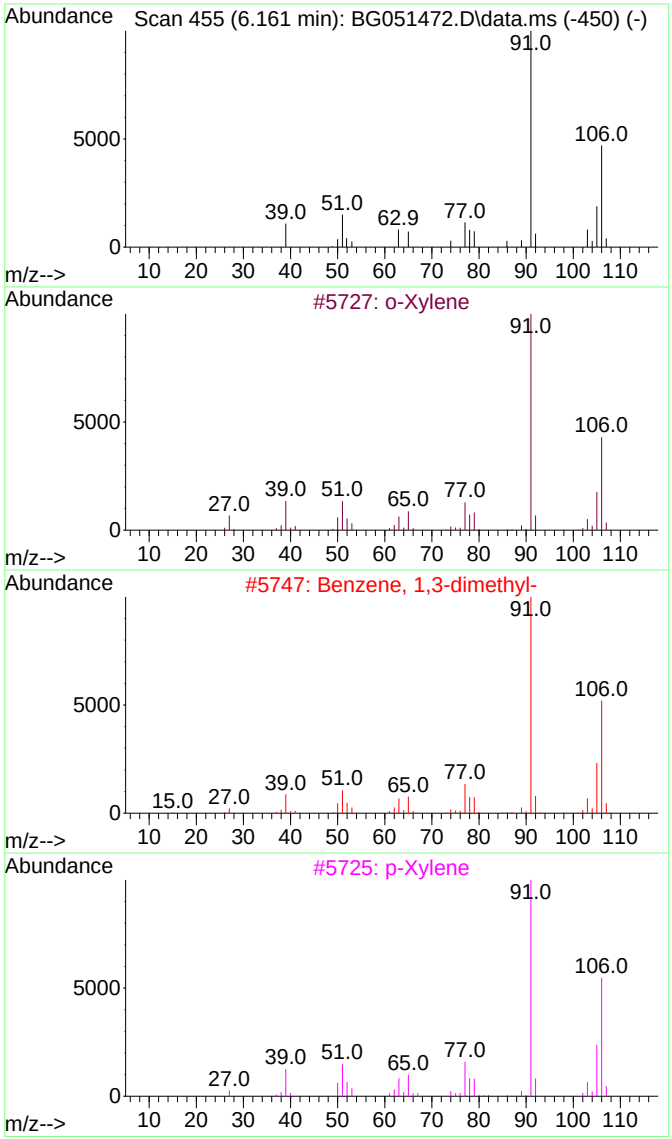
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

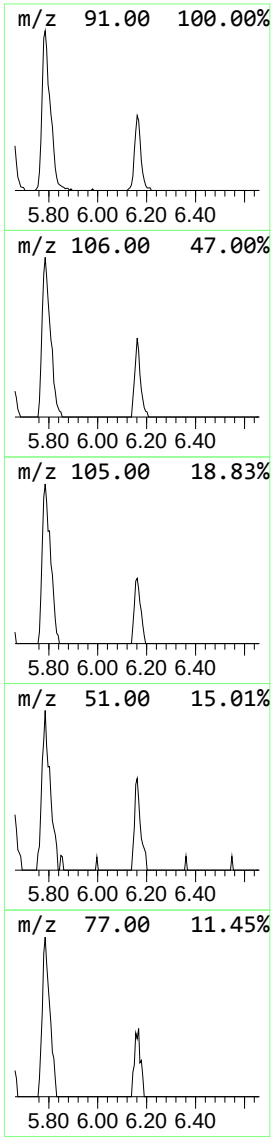
****

Peak Number 4 o-Xylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.161	4.39 ng/ul	32356	1,4-Dichlorobenzene-d4	8.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	94
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
3	p-Xylene	106	C8H10	000106-42-3	94
4	p-Xylene	106	C8H10	000106-42-3	94
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051472.D
Acq On : 11 Dec 2021 2:30
Operator : CG/JU
Sample : M4985-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW5S6

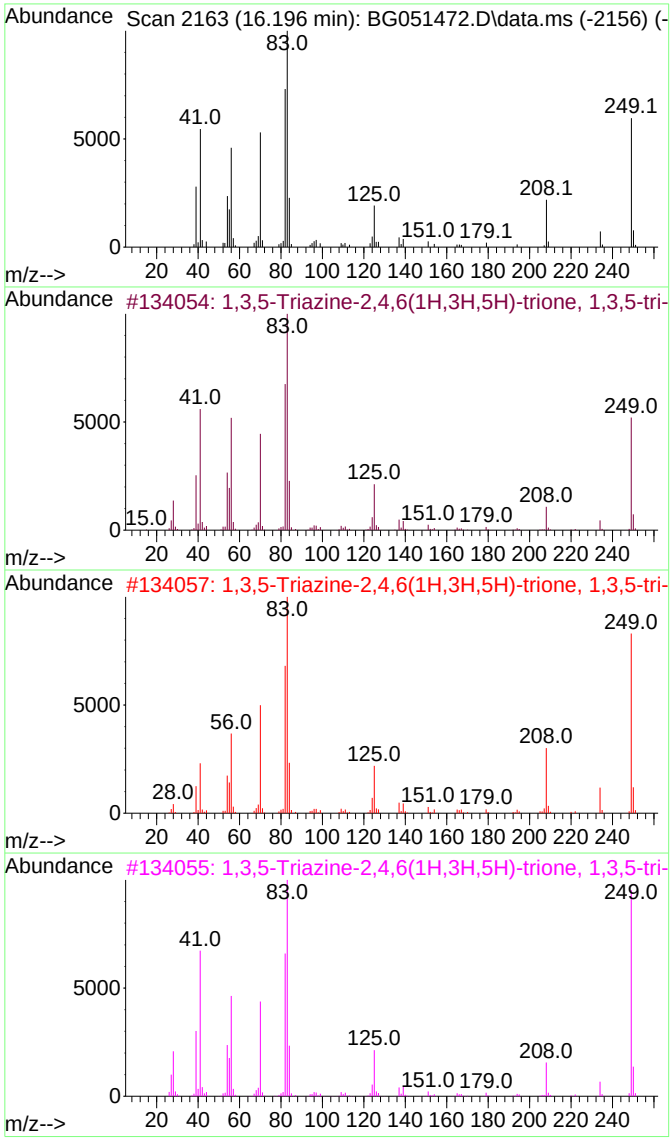
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

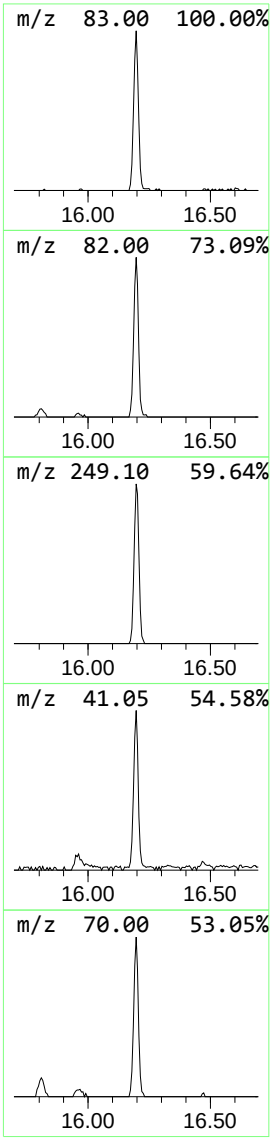
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.196	7.55 ng/ul	154609	Phenanthrene-d10	17.565

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	95
4	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	91
5	Heptylcyclohexane	182	C13H26	005617-41-4	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051472.D
Acq On : 11 Dec 2021 2:30
Operator : CG/JU
Sample : M4985-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW5S6

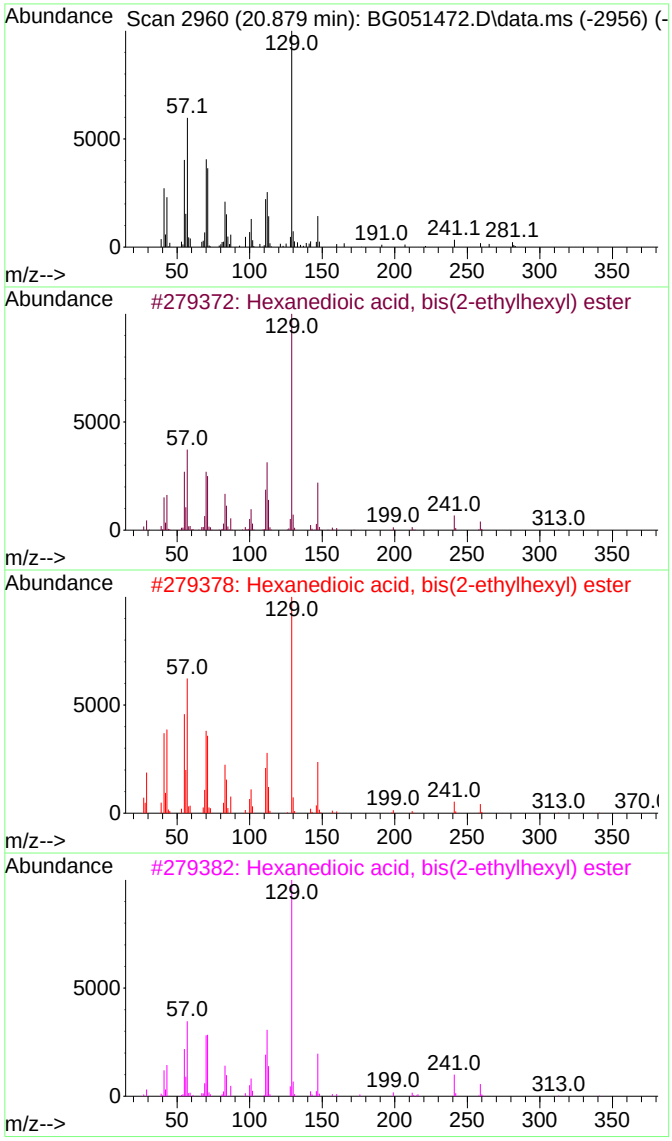
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

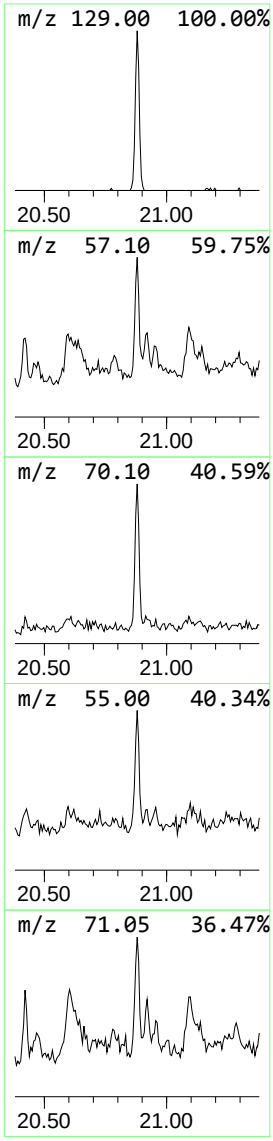
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexanedioic acid, bis(2-eth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.879	3.80 ng/ul	76254	Chrysene-d12	21.872

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	91
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
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_G\Data\BG120921\
Data File : BG051472.D
Acq On : 11 Dec 2021 2:30
Operator : CG/JU
Sample : M4985-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW5S6

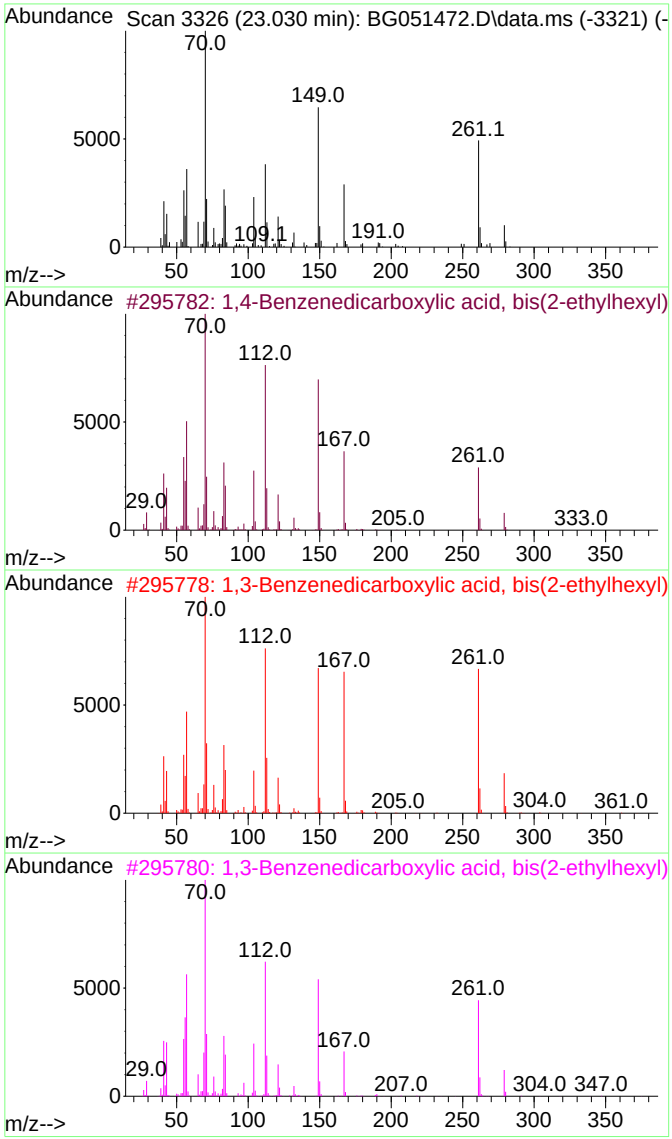
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

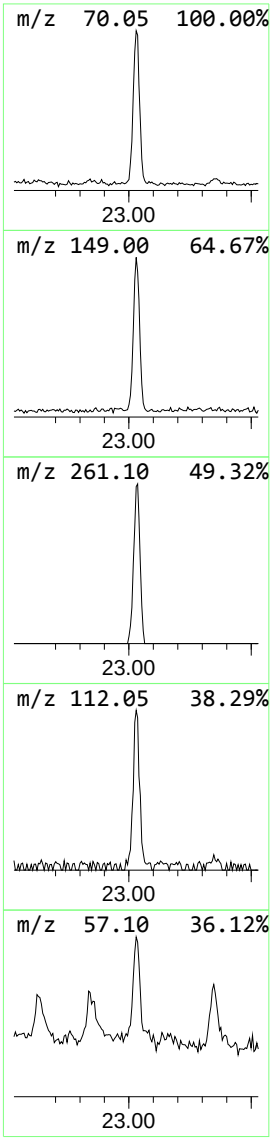
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,4-Benzenedicarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.029	7.30 ng/ul	146728	Chrysene-d12	21.872

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	64
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	52
3	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	47
4	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	47
5	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051472.D
Acq On : 11 Dec 2021 2:30
Operator : CG/JU
Sample : M4985-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW5S6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

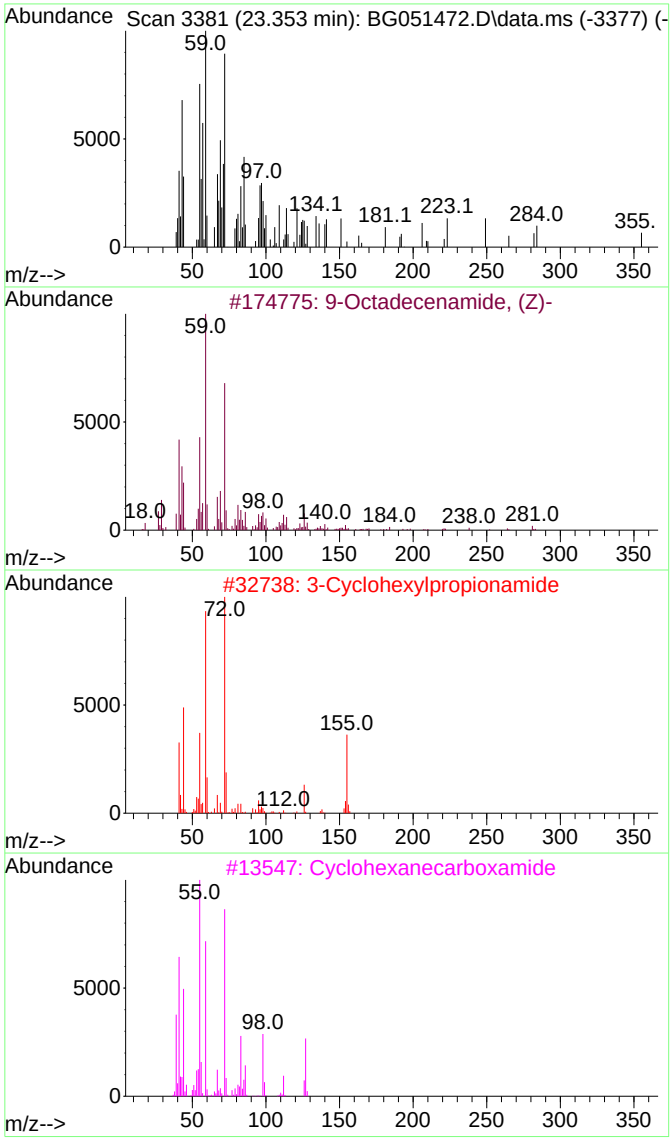
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

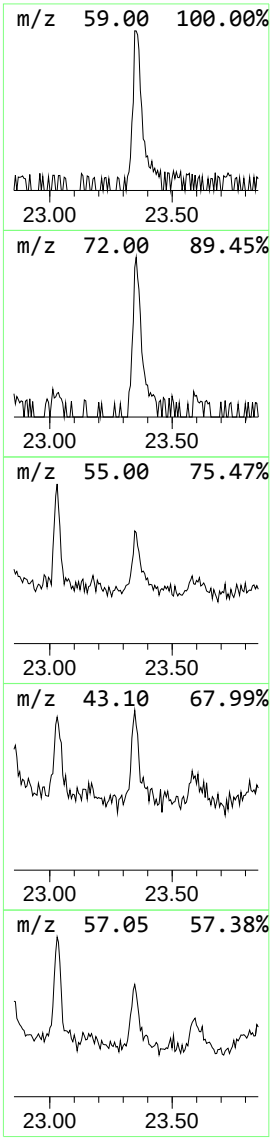
****

Peak Number 8 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.353	2.79 ng/ul	56112	Chrysene-d12	21.872

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	47
2	3-Cyclohexylpropionamide	155	C9H17NO	004361-29-9	43
3	Cyclohexanecarboxamide	127	C7H13NO	001122-56-1	38
4	3-Tetradecanone	212	C14H28O	000629-23-2	35
5	3-Tridecanone	198	C13H26O	001534-26-5	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051472.D
Acq On : 11 Dec 2021 2:30
Operator : CG/JU
Sample : M4985-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW5S6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.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
1,3,5-Cyclohept...	4.299	3.8	ng/ul	28243	1	8.188	147505	20.0
Ethylbenzene	5.650	2.9	ng/ul	21139	1	8.188	147505	20.0
Benzene, 1,3-di...	5.785	13.4	ng/ul	98794	1	8.188	147505	20.0
o-Xylene	6.161	4.4	ng/ul	32356	1	8.188	147505	20.0
1,3,5-Triazine-...	16.196	7.5	ng/ul	154609	4	17.565	409700	20.0
Hexanedioic aci...	20.879	3.8	ng/ul	76254	5	21.872	401773	20.0
1,4-Benzenedica...	23.029	7.3	ng/ul	146728	5	21.872	401773	20.0
unknown-01	23.353	2.8	ng/ul	56112	5	21.872	401773	20.0