LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062121\
Data File : BM030500.D
Acq On : 21 Jun 2021 11:51
Operator : CG/JU
Sample : M2649-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5J1

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-BM060621.M
Title : SVOA CALIBRATION

Signal : TIC: BM030500.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.769	112	116	125	rBV	61210	173947	5.62%	0.450%
2	3.957	144	148	154	rVV2	16352	34482	1.11%	0.089%
3	4.052	158	164	176	rVB2	63223	163326	5.28%	0.422%
4	4.275	196	202	209	rBV	38362	74674	2.41%	0.193%
5	4.422	222	227	234	rVB2	26828	53095	1.72%	0.137%
6	4.552	245	249	253	rBV2	21201	41561	1.34%	0.107%
7	4.604	253	258	265	rVV	83488	165600	5.35%	0.428%
8	4.675	266	270	281	rVB2	27827	55272	1.79%	0.143%
9	4.957	313	318	328	rVB	29618	60428	1.95%	0.156%
10	5.357	380	386	392	rVV	55757	100662	3.25%	0.260%
11	5.487	401	408	418	rBV	171170	409260	13.22%	1.058%
12	5.851	464	470	481	rVV	86918	156602	5.06%	0.405%
13	6.228	528	534	542	rVB2	25588	48844	1.58%	0.126%
14	6.998	655	665	681	rVV	293194	566635	18.30%	1.464%
15	7.157	686	692	705	rVV	247359	437152	14.12%	1.130%
16	7.363	720	727	737	rVV	321877	568948	18.38%	1.470%
17	7.828	798	806	813	rVV	629687	1079437	34.87%	2.790%
18	8.051	839	844	850	rBV3	13811	28237	0.91%	0.073%
19	8.528	909	925	933	rBV	322179	578114	18.67%	1.494%
20	8.645	940	945	951	rBV	31824	57046	1.84%	0.147%
21	8.922	985	992	995	rBV	25160	43100	1.39%	0.111%
22	8.975	995	1001	1010	rVV	287483	507633	16.40%	1.312%
23	9.698	1116	1124	1136	rBV	205049	371964	12.02%	0.961%
24	10.234	1203	1215	1226	rBV	305776	565565	18.27%	1.462%
25	10.392	1236	1242	1258	rBV	118801	294459	9.51%	0.761%
26	10.610	1269	1279	1284	rBV	804020	1394255	45.04%	3.603%
27	10.657	1284	1287	1294	rVB	116335	191235	6.18%	0.494%
28	10.745	1294	1302	1313	rBV	210519	414594	13.39%	1.071%
29	11.863	1484	1492	1502	rVB6	9743	31137	1.01%	0.080%
30	12.033	1514	1521	1531	rVB2	14673	28182	0.91%	0.073%
31	12.269	1555	1561	1567	rVB2	51611	87139	2.81%	0.225%
32	12.486	1593	1598	1604	rVV	24539	39066	1.26%	0.101%
33	13.275	1726	1732	1739	rBV2	64684	112105	3.62%	0.290%
34	13.775	1812	1817	1821	rVV2	30446	52089	1.68%	0.135%
35	13.857	1821	1831	1841	rVV	602945	927488	29.96%	2.397%
36	13.927	1841	1843	1848	rVV2	19445	28162	0.91%	0.073%

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Instrument : BNA_M
ClientSampleId : BG5J1

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-BM060621.M
Title : SVOA CALIBRATION

37	14.139	1873	1879	1896	rVV	689588	1115614	36.04%	2.883%
38	14.345	1908	1914	1920	rVV2	43138	57828	1.87%	0.149%
39	14.445	1920	1931	1939	rVV	1130925	1737672	56.13%	4.491%
40	14.510	1939	1942	1948	rVV	32398	65036	2.10%	0.168%
41	14.669	1962	1969	1979	rVV6	30189	79144	2.56%	0.205%
42	14.845	1988	1999	2007	rVV	149763	328116	10.60%	0.848%
43	15.239	2060	2066	2072	rBV7	14019	31096	1.00%	0.080%
44	15.298	2072	2076	2081	rVB	29259	41896	1.35%	0.108%
45	15.439	2093	2100	2106	rVV	925554	1327030	42.87%	3.429%
46	15.492	2106	2109	2114	rVV	48324	69896	2.26%	0.181%
47	15.569	2116	2122	2125	rVV4	26517	58983	1.91%	0.152%
48	15.598	2125	2127	2133	rVB2	30144	48267	1.56%	0.125%
49	15.786	2154	2159	2165	rVB	28875	47340	1.53%	0.122%
50	15.857	2165	2171	2177	rBV	275620	358685	11.59%	0.927%
51	15.933	2178	2184	2190	rVB4	25772	60662	1.96%	0.157%
52	16.157	2218	2222	2230	rVV5	34217	76247	2.46%	0.197%
53	16.498	2271	2280	2284	rVV5	22048	50709	1.64%	0.131%
54	16.727	2315	2319	2322	rBV5	18016	28334	0.92%	0.073%
55	16.845	2334	2339	2345	rVV2	46631	76331	2.47%	0.197%
56	16.945	2347	2356	2360	rVV3	54977	117055	3.78%	0.302%
57	17.004	2362	2366	2373	rVB2	46288	81980	2.65%	0.212%
58	17.186	2388	2397	2401	rBV	1318230	1892070	61.12%	4.890%
59	17.227	2401	2404	2409	rVB	665719	843141	27.24%	2.179%
60	17.286	2409	2414	2418	rBV	913897	1354083	43.74%	3.499%
61	17.374	2425	2429	2435	rBV4	29799	50003	1.62%	0.129%
62	17.592	2455	2466	2471	rBV2	63638	156107	5.04%	0.403%
63	17.680	2478	2481	2485	rBV2	52910	67946	2.19%	0.176%
64	17.851	2506	2510	2516	rBV2	89804	128725	4.16%	0.333%
65	18.062	2541	2546	2550	rBV	93463	174667	5.64%	0.451%
66	18.110	2550	2554	2558	rVB	146907	211930	6.85%	0.548%
67	18.186	2564	2567	2572	rBV	32144	45135	1.46%	0.117%
68	18.251	2573	2578	2582	rBV2	106677	192738	6.23%	0.498%
69	18.292	2582	2585	2587	rVB	32506	39334	1.27%	0.102%
70	18.374	2595	2599	2602	rBV	76614	101256	3.27%	0.262%
71	18.557	2626	2630	2634	rBV	84340	120955	3.91%	0.313%
72	18.598	2635	2637	2646	rVB4	45314	72754	2.35%	0.188%
73	18.974	2697	2701	2704	rBV	82697	129031	4.17%	0.333%
74	19.004	2704	2706	2708	rVV	43963	42471	1.37%	0.110%
75	19.068	2715	2717	2721	rVB	41965	38927	1.26%	0.101%
76	19.115	2721	2725	2731	rBV2	65619	118290	3.82%	0.306%

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Sample : M2649-06
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Instrument : BNA_M
ClientSampleId : BG5J1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	19.239	2741	2746	2753	rVB	1261771	1636220	52.86%	4.228%
78	19.298	2753	2756	2760	rBV2	48005	60078	1.94%	0.155%
79	19.339	2760	2763	2767	rBV3	39033	59945	1.94%	0.155%
80	19.386	2768	2771	2775	rVB	52217	69973	2.26%	0.181%
81	19.574	2797	2803	2805	rBV2	1430242	2021623	65.30%	5.224%
82	19.598	2805	2807	2816	rVB	937165	1289968	41.67%	3.334%
83	19.674	2816	2820	2825	rVB2	66156	97652	3.15%	0.252%
84	19.780	2835	2838	2845	rVB2	65346	106693	3.45%	0.276%
85	19.921	2858	2862	2869	rBV3	76582	165633	5.35%	0.428%
86	20.092	2888	2891	2898	rVB2	128084	235422	7.60%	0.608%
87	20.192	2905	2908	2912	rBV	66219	74932	2.42%	0.194%
88	20.251	2916	2918	2922	rVB	81972	99214	3.20%	0.256%
89	20.398	2939	2943	2946	rBV	63388	97098	3.14%	0.251%
90	20.562	2968	2971	2975	rVB	165233	173909	5.62%	0.449%
91	20.839	3015	3018	3025	rVB	112806	138323	4.47%	0.357%
92	20.903	3026	3029	3038	rBV	212312	282230	9.12%	0.729%
93	21.068	3054	3057	3064	rVB3	156954	269929	8.72%	0.698%
94	21.268	3088	3091	3096	rVB	399210	430919	13.92%	1.114%
95	21.356	3099	3106	3109	rVV2	1832401	3095669	100.00%	8.000%
96	21.392	3109	3112	3121	rVB	583439	784092	25.33%	2.026%
97	22.209	3247	3251	3256	rVB2	290057	411087	13.28%	1.062%
98	22.944	3370	3376	3390	rVB2	470858	1630455	52.67%	4.213%
99	23.492	3463	3469	3474	rBV2	835447	1775171	57.34%	4.587%
100	23.633	3487	3493	3499	rBV2	1072955	2111204	68.20%	5.456%

Sum of corrected areas: 38696418

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Instrument :
BNA_M
ClientSampleId :
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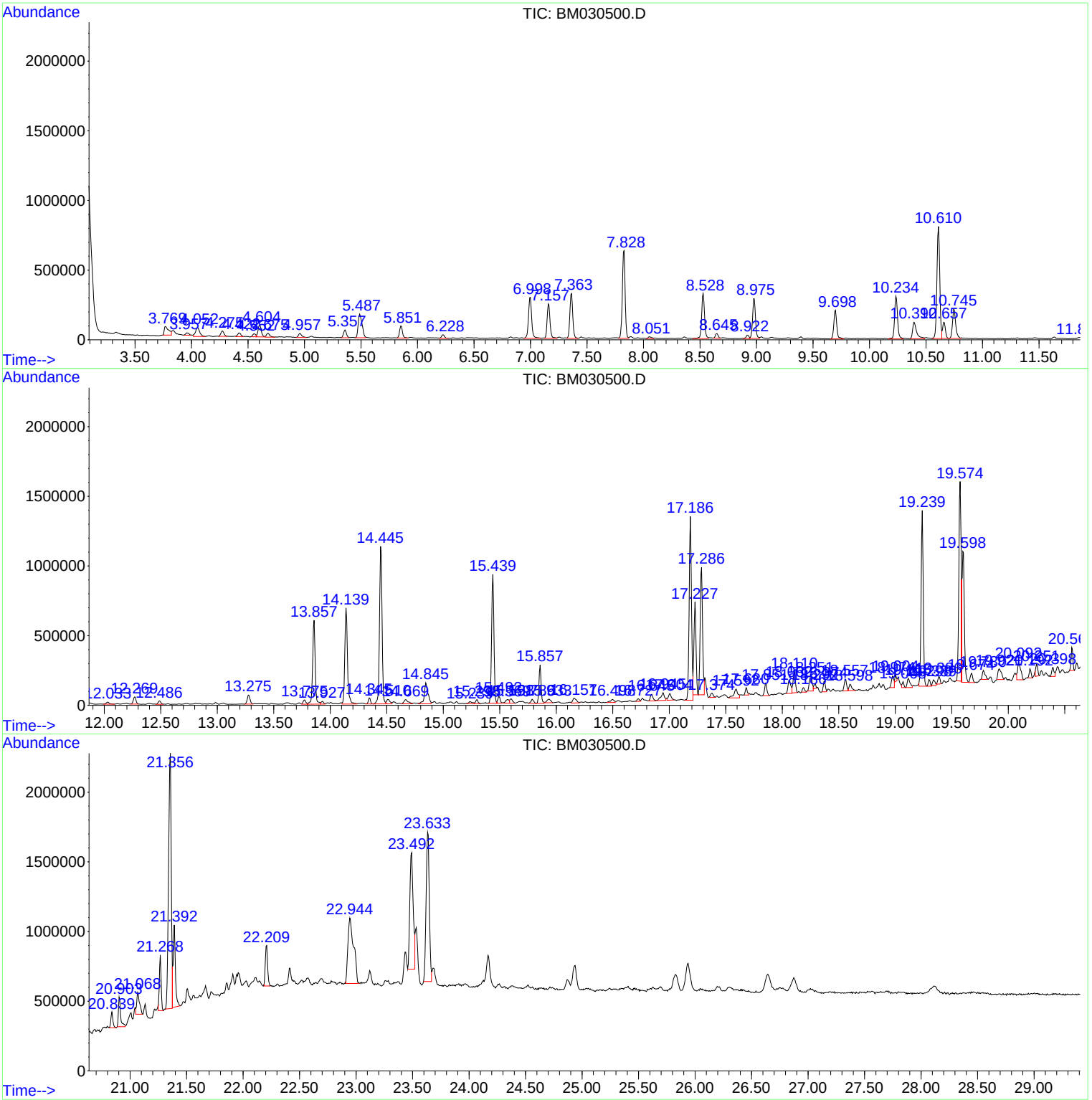
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Quant Title : SVOA CALIBRATION

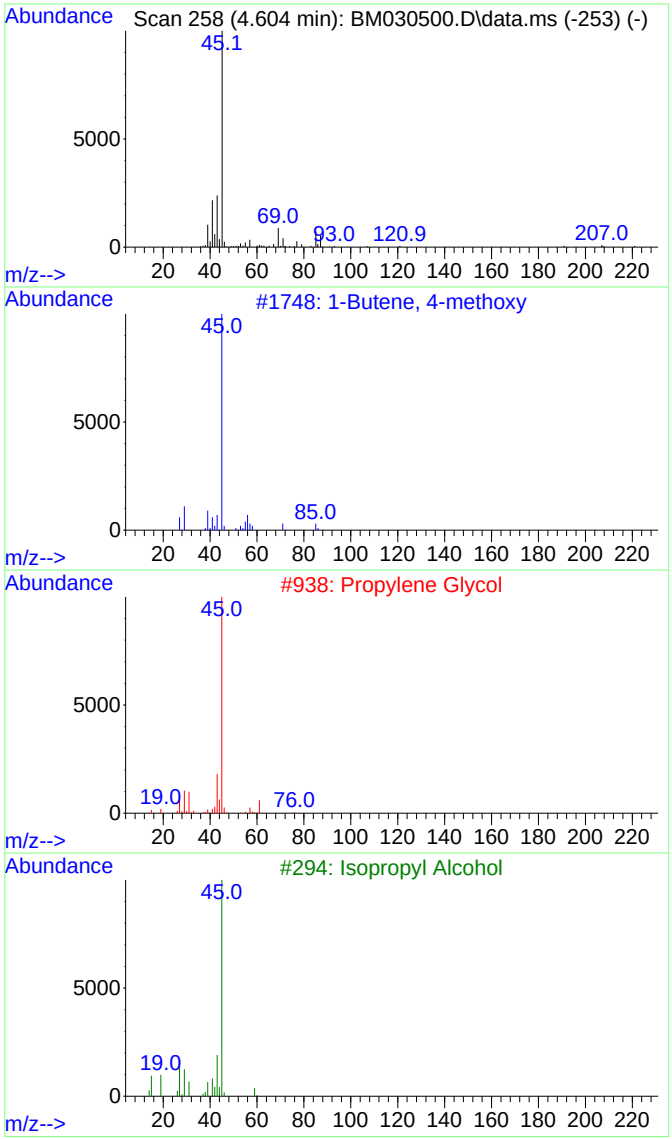
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

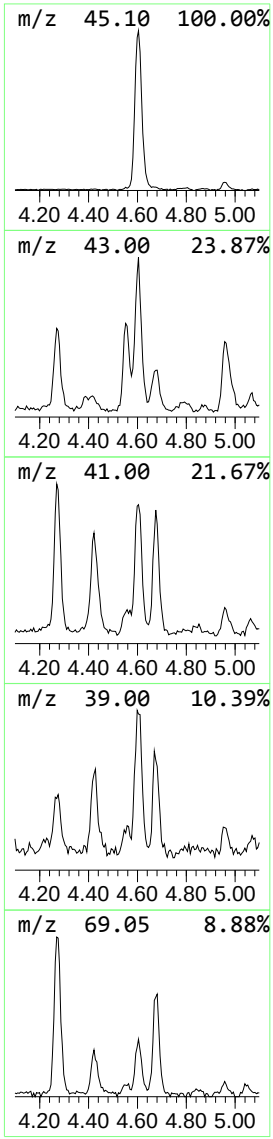
****

Peak Number 2 1-Butene, 4-methoxy Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.600	3.07 ng/ul	165600	1,4-Dichlorobenzene-d4	7.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	80
2	Propylene Glycol	76	C3H8O2	000057-55-6	45
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	42
4	2-Heptanol, 4-methyl-	130	C8H18O	056298-90-9	40
5	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	38





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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

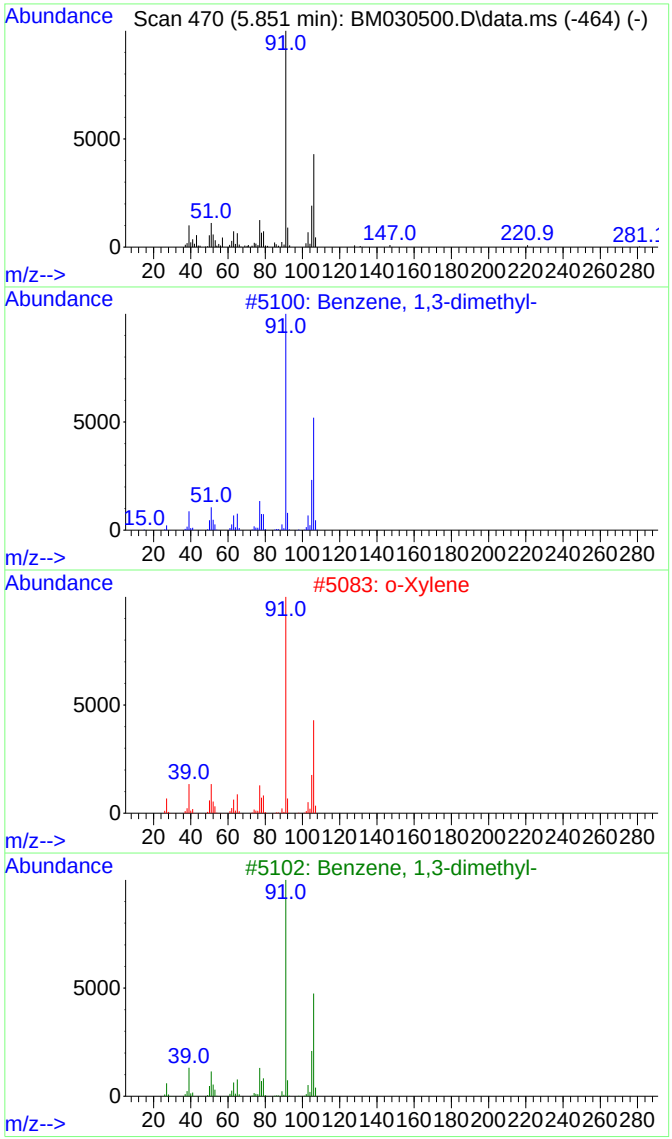
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

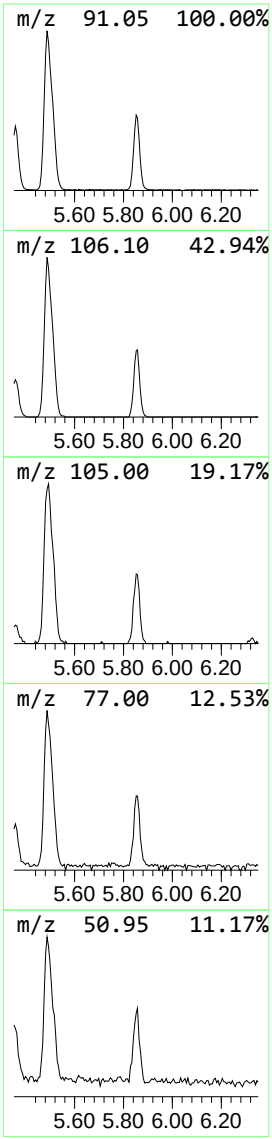
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.850	2.90 ng/ul	156602	1,4-Dichlorobenzene-d4	7.828

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	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	p-Xylene	106	C8H10	000106-42-3	95
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95





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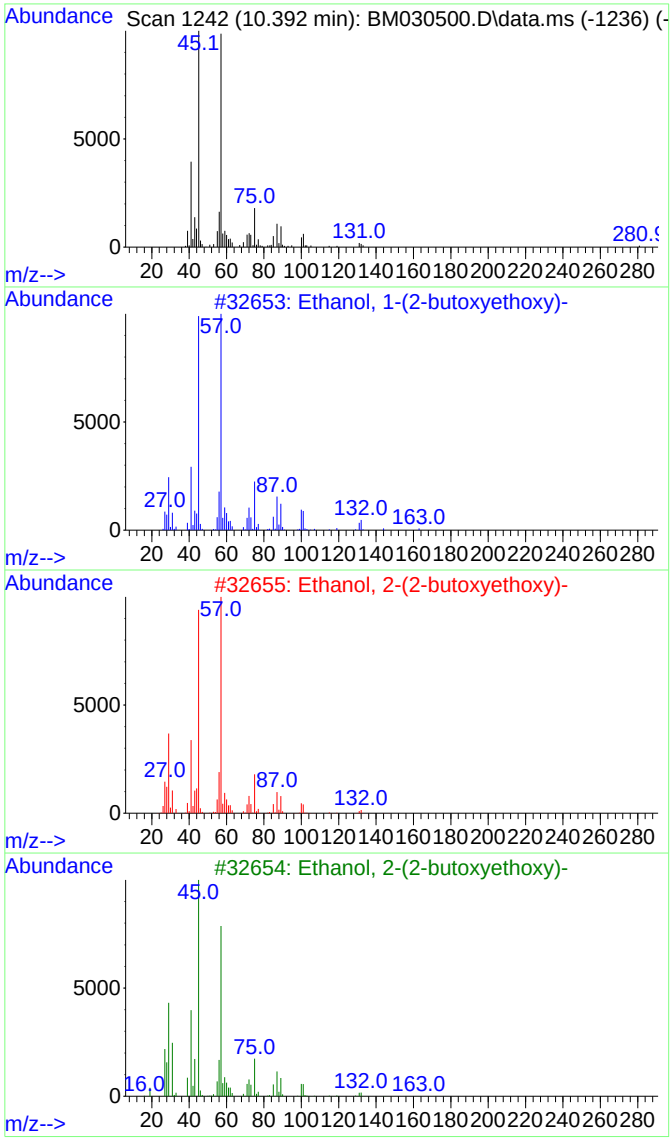
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

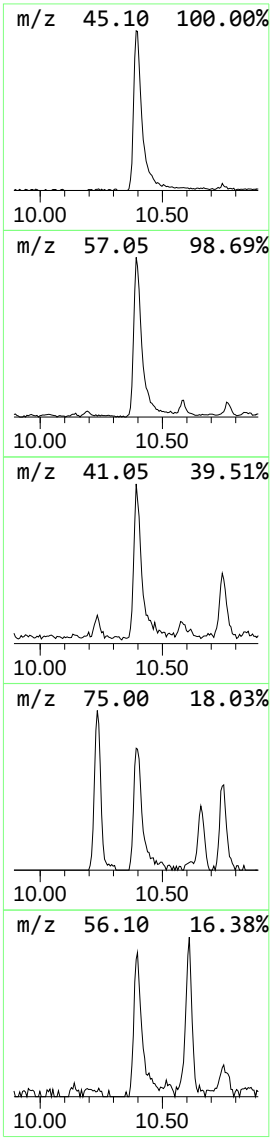
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.390	4.22 ng/ul	294459	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
5	Di-sec-butyl ether	130	C8H18O	006863-58-7	53





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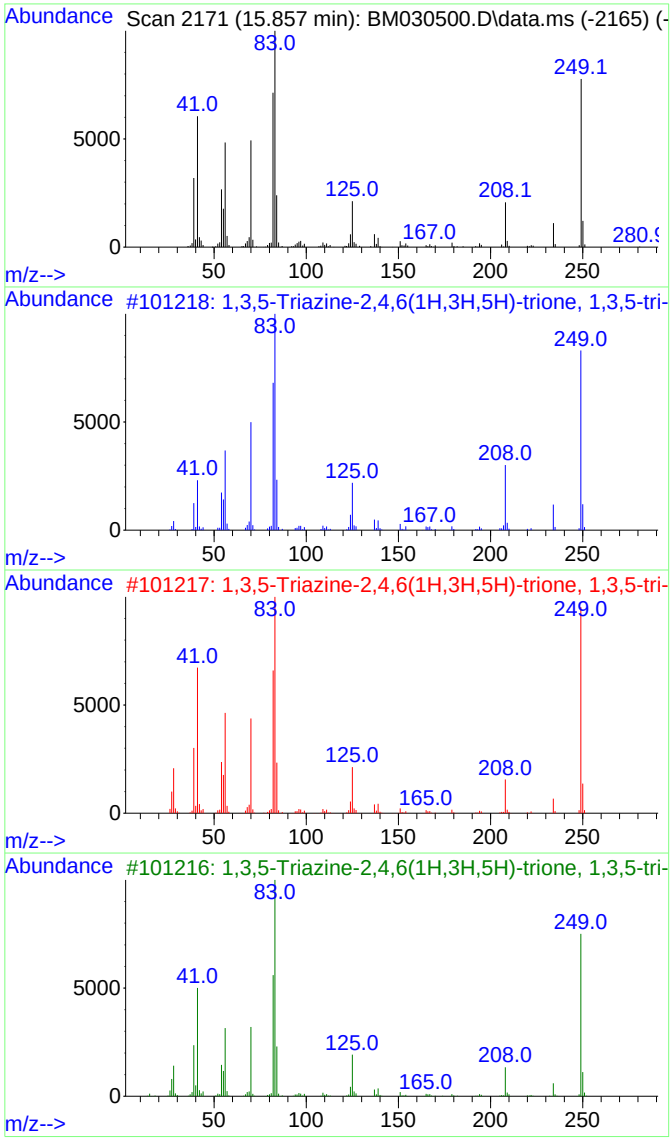
Quant Title : SVOA CALIBRATION

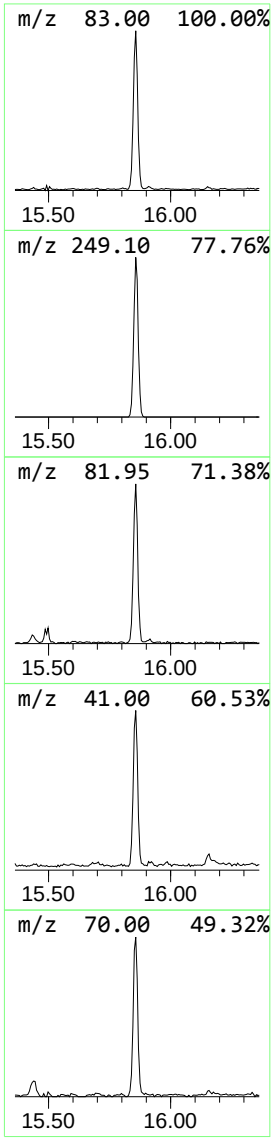
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.860	3.79 ng/ul	358685	Phenanthrene-d10	17.186

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	96
3	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	93
4	4H-1-Benzopyran-2-carboxylic aci...	249	C12H11NO5	032142-43-1	50
5	3-Acetamidofuran	125	C6H7NO2	059445-85-1	14





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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

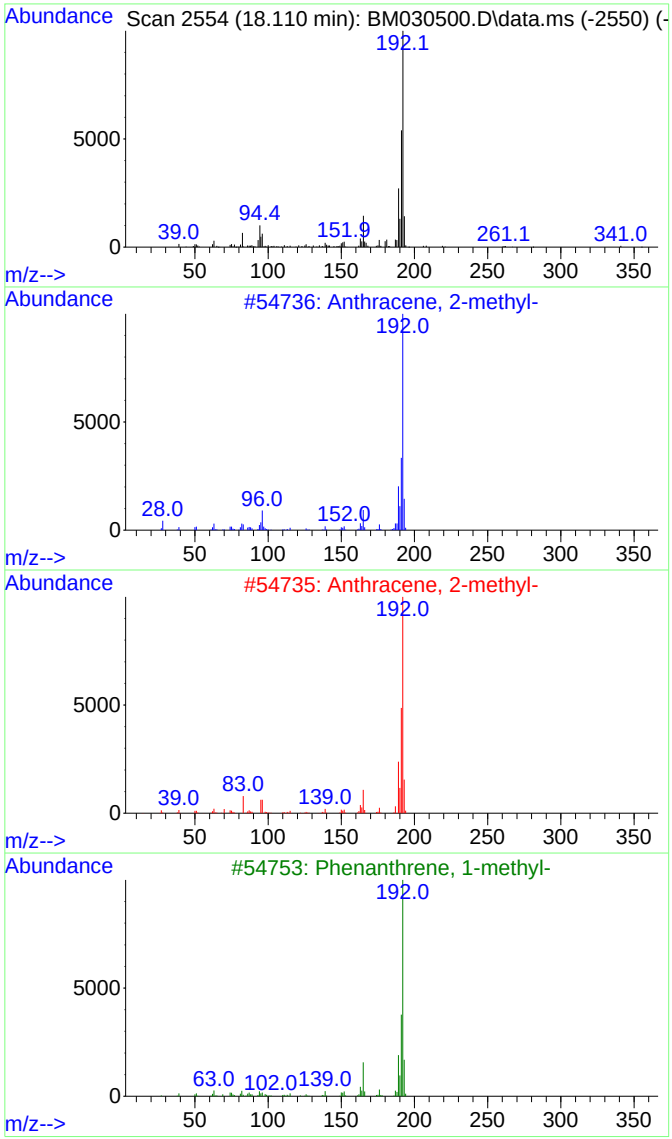
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

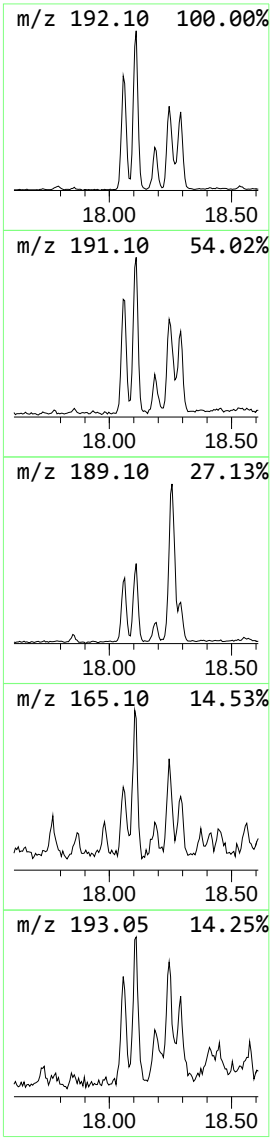
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	2.24 ng/ul	211930	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Data File : BM030500.D
Acq On : 21 Jun 2021 11:51
Operator : CG/JU
Sample : M2649-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG5J1

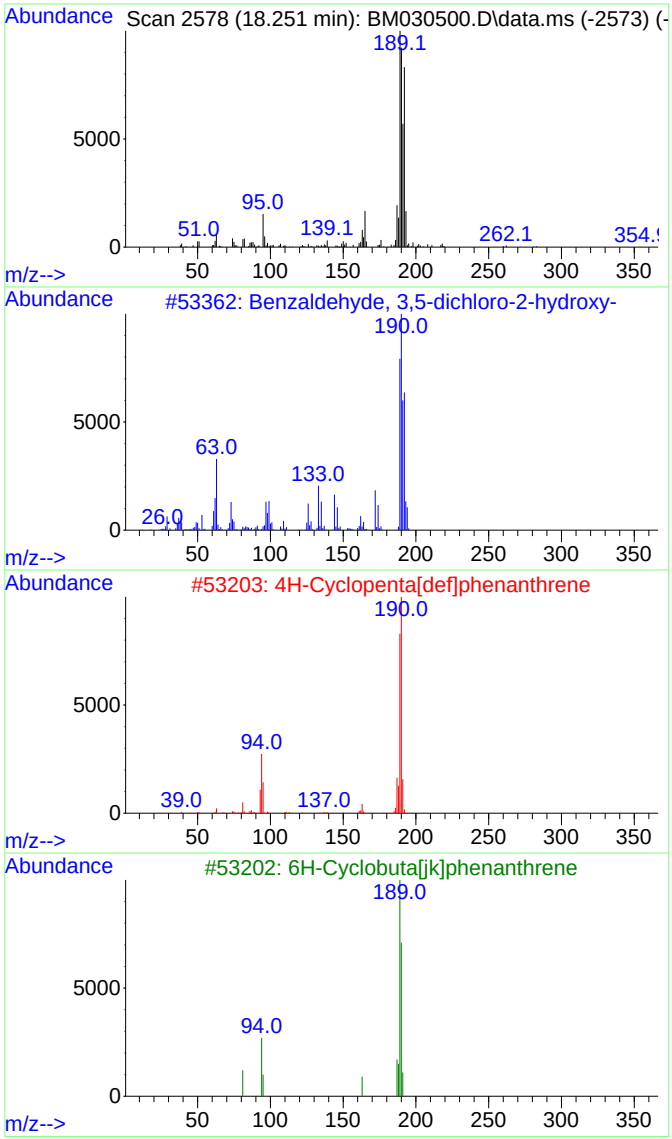
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

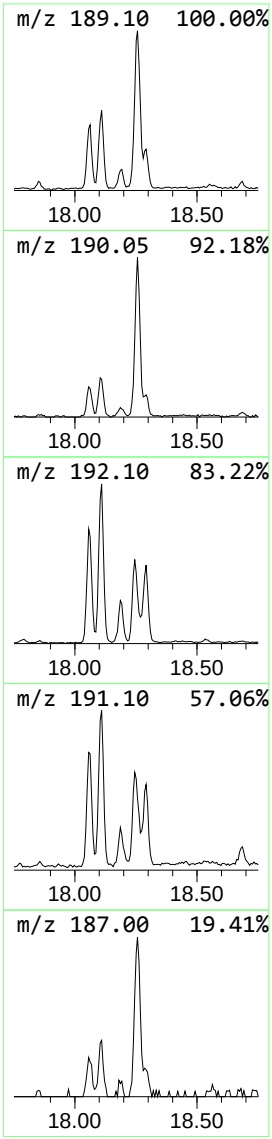
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.250	2.04 ng/ul	192738	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062121\
Data File : BM030500.D
Acq On : 21 Jun 2021 11:51
Operator : CG/JU
Sample : M2649-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5J1

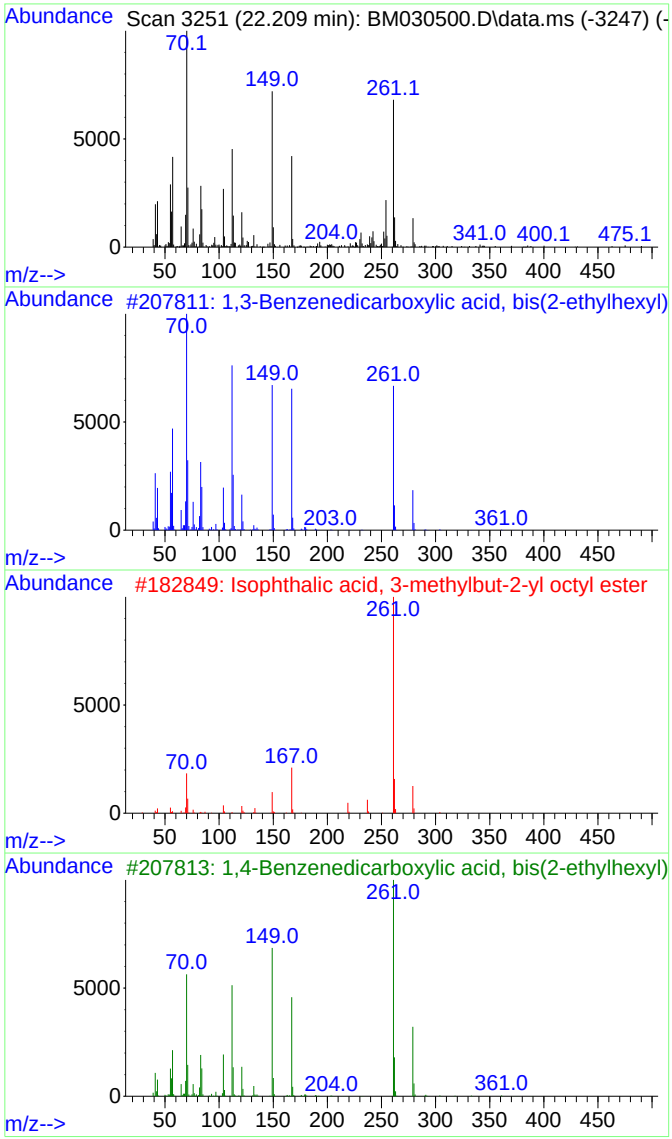
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

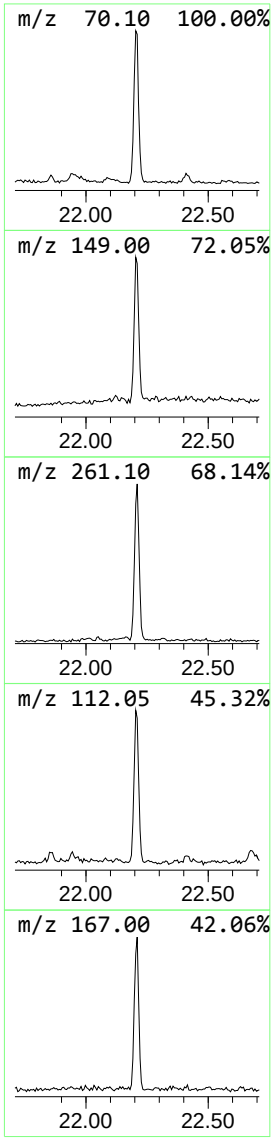
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,3-Benzenedicarboxylic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.210	2.66 ng/ul	411087	Chrysene-d12	21.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	52
2	Isophthalic acid, 3-methylbut-2-...	348	C21H32O4	1000344-72-4	50
3	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	50
4	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	49
5	Isophthalic acid, di(4-octyl) ester	390	C24H38O4	1000344-04-3	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062121\
Data File : BM030500.D
Acq On : 21 Jun 2021 11:51
Operator : CG/JU
Sample : M2649-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG5J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Butene, 4-met...	4.600	3.1	ng/ul	165600	1	7.828	1079440	20.0
Benzene, 1,3-di...	5.850	2.9	ng/ul	156602	1	7.828	1079440	20.0
Ethanol, 1-(2-b...	10.390	4.2	ng/ul	294459	2	10.610	1394260	20.0
1,3,5-Triazine-...	15.860	3.8	ng/ul	358685	4	17.186	1892070	20.0
Anthracene, 2-m...	18.110	2.2	ng/ul	211930	4	17.186	1892070	20.0
Benzaldehyde, 3...	18.250	2.0	ng/ul	192738	4	17.186	1892070	20.0
1,3-Benzenedica...	22.210	2.7	ng/ul	411087	5	21.356	3095670	20.0