LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGL70

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-BG121421.M
Title : SVOA CALIBRATION

Signal : TIC: BG051660.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.250	636	640	646	rVV3	79415	126302	0.15%	0.041%
2	7.403	660	666	676	rVB3	178056	387256	0.46%	0.126%
3	7.579	688	696	705	rBV	119901	234356	0.28%	0.076%
4	7.796	728	733	739	rVB	136361	221021	0.26%	0.072%
5	8.272	805	814	820	rBV2	178302	432713	0.52%	0.141%
6	8.965	920	932	939	rBV5	190986	430083	0.51%	0.140%
7	9.400	995	1006	1008	rBV5	43675	106993	0.13%	0.035%
8	9.441	1008	1013	1018	rVV	144750	271564	0.32%	0.088%
9	9.512	1018	1025	1030	rVB4	74671	145426	0.17%	0.047%
10	10.175	1130	1138	1143	rBV3	145532	296030	0.35%	0.096%
11	10.369	1163	1171	1177	rVV5	46307	135344	0.16%	0.044%
12	10.510	1188	1195	1202	rVV5	59789	159201	0.19%	0.052%
13	10.716	1221	1230	1239	rVV	184105	381114	0.46%	0.124%
14	11.074	1286	1291	1292	rBV	88892	118821	0.14%	0.039%
15	11.110	1292	1297	1303	rVV	234203	497547	0.59%	0.162%
16	11.162	1303	1306	1312	rVV2	59816	109950	0.13%	0.036%
17	11.233	1312	1318	1319	rVV2	55126	95651	0.11%	0.031%
18	11.262	1319	1323	1330	rVB	146782	248281	0.30%	0.081%
19	11.820	1412	1418	1422	rVV4	80068	189260	0.23%	0.062%
20	11.938	1433	1438	1445	rVV6	65311	115003	0.14%	0.037%
21	12.020	1446	1452	1460	rVB4	77704	162797	0.19%	0.053%
22	12.120	1463	1469	1473	rVV	194780	327624	0.39%	0.107%
23	12.161	1473	1476	1481	rVV3	66982	121875	0.15%	0.040%
24	12.208	1481	1484	1490	rVB4	53219	91760	0.11%	0.030%
25	12.502	1528	1534	1537	rBV4	70018	116435	0.14%	0.038%
26	12.725	1565	1572	1580	rVB5	94702	254456	0.30%	0.083%
27	12.854	1588	1594	1599	rVB3	91535	153604	0.18%	0.050%
28	13.130	1635	1641	1644	rBV4	79272	136453	0.16%	0.044%
29	13.354	1674	1679	1682	rVV2	92515	177490	0.21%	0.058%
30	13.395	1682	1686	1691	rVV4	127331	295650	0.35%	0.096%
31	13.448	1691	1695	1703	rVB2	262057	513025	0.61%	0.167%
32	13.624	1721	1725	1732	rBV7	42337	98091	0.12%	0.032%
33	13.718	1736	1741	1750	rBV8	146817	482954	0.58%	0.157%
34	13.964	1777	1783	1793	rVV5	188772	385026	0.46%	0.125%
35	14.070	1797	1801	1806	rVV3	139244	215605	0.26%	0.070%
36	14.117	1806	1809	1815	rVB6	72287	117335	0.14%	0.038%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGL70

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-BG121421.M
Title : SVOA CALIBRATION

37	14.241	1825	1830	1832	rBV3	142184	248760	0.30%	0.081%
38	14.293	1836	1839	1844	rVB	374341	573630	0.69%	0.187%
39	14.346	1844	1848	1851	rBV2	282797	475837	0.57%	0.155%
40	14.382	1851	1854	1858	rVB2	456594	591075	0.71%	0.193%
41	14.464	1865	1868	1871	rBV4	132791	189082	0.23%	0.062%
42	14.499	1871	1874	1881	rVB4	188964	279503	0.33%	0.091%
43	14.564	1882	1885	1888	rBV4	96582	144339	0.17%	0.047%
44	14.605	1888	1892	1900	rBV3	505058	890569	1.06%	0.290%
45	14.752	1912	1917	1921	rVB	313206	429875	0.51%	0.140%
46	14.881	1932	1939	1940	rBV4	353929	648150	0.77%	0.211%
47	14.992	1955	1958	1962	rBV6	109548	127195	0.15%	0.041%
48	15.069	1968	1971	1976	rVB	188139	261748	0.31%	0.085%
49	15.128	1976	1981	1988	rBV8	192399	519578	0.62%	0.169%
50	15.186	1988	1991	1995	rVB	333670	410646	0.49%	0.134%
51	15.233	1995	1999	2001	rBV2	106545	159153	0.19%	0.052%
52	15.292	2005	2009	2016	rVB5	265060	521809	0.62%	0.170%
53	15.368	2019	2022	2025	rBV2	131819	215907	0.26%	0.070%
54	15.527	2044	2049	2053	rBV2	375038	670453	0.80%	0.218%
55	15.574	2054	2057	2064	rVV4	231733	411432	0.49%	0.134%
56	15.703	2071	2079	2087	rBV4	645151	1552397	1.85%	0.506%
57	15.856	2100	2105	2108	rBV3	489660	668752	0.80%	0.218%
58	15.897	2108	2112	2117	rBV2	977862	1423941	1.70%	0.464%
59	15.938	2117	2119	2126	rVB5	325779	550688	0.66%	0.179%
60	16.162	2152	2157	2167	rVB3	571498	1875718	2.24%	0.611%
61	16.244	2167	2171	2174	rBV4	431905	599953	0.72%	0.195%
62	16.320	2179	2184	2187	rBV	895564	1372803	1.64%	0.447%
63	16.361	2187	2191	2195	rVB2	534294	712760	0.85%	0.232%
64	16.532	2216	2220	2224	rVB	723561	907214	1.08%	0.295%
65	16.631	2229	2237	2241	rBV3	1044019	1948579	2.33%	0.635%
66	16.731	2250	2254	2260	rBV4	435275	961948	1.15%	0.313%
67	16.808	2264	2267	2270	rVB2	507615	625987	0.75%	0.204%
68	16.884	2277	2280	2284	rVB2	394084	504371	0.60%	0.164%
69	17.013	2299	2302	2306	rBV4	229021	307017	0.37%	0.100%
70	17.454	2374	2377	2388	rVB2	584428	1185434	1.42%	0.386%
71	17.665	2409	2413	2417	rBV	377153	577325	0.69%	0.188%
72	19.757	2766	2769	2773	rVB2	472722	532774	0.64%	0.174%
73	20.814	2947	2949	2954	rVB	673943	674725	0.81%	0.220%
74	20.943	2967	2971	2980	rVB	1409702	1974116	2.36%	0.643%
75	21.102	2995	2998	3003	rBV	709969	898423	1.07%	0.293%
76	21.325	3029	3036	3041	rVB2	11231449	17906405	21.40%	5.832%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGL70

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-BG121421.M
Title : SVOA CALIBRATION

77	21.407	3046	3050	3054	rVB	1904672	2339311	2.80%	0.762%
78	21.490	3059	3064	3069	rVB	4902433	7139437	8.53%	2.325%
79	21.807	3114	3118	3121	rBV	655642	986500	1.18%	0.321%
80	21.918	3122	3137	3144	rVV2	24323960	83690223	100.00%	27.259%
81	21.995	3146	3150	3159	rVB	962811	1770701	2.12%	0.577%
82	22.171	3176	3180	3185	rBV	1118766	1872898	2.24%	0.610%
83	22.230	3185	3190	3197	rVB2	2209066	4702544	5.62%	1.532%
84	22.424	3218	3223	3229	rVB	1724548	3014642	3.60%	0.982%
85	22.629	3250	3258	3263	rBV	5336437	10679147	12.76%	3.478%
86	22.711	3264	3272	3278	rVB	8817184	16444907	19.65%	5.356%
87	23.240	3348	3362	3373	rVB	9060763	30107373	35.97%	9.806%
88	23.540	3410	3413	3417	rBV	493607	714888	0.85%	0.233%
89	23.593	3417	3422	3425	rBV	1294404	2276882	2.72%	0.742%
90	23.798	3454	3457	3464	rVB	846008	1578935	1.89%	0.514%
91	23.880	3465	3471	3478	rVB	1051172	2300909	2.75%	0.749%
92	24.174	3510	3521	3531	rVB	4851019	14141948	16.90%	4.606%
93	24.327	3538	3547	3549	rBV3	4309721	10011387	11.96%	3.261%
94	24.991	3645	3660	3661	rBV3	3973802	14712782	17.58%	4.792%
95	25.737	3777	3787	3797	rVB	3396751	10199134	12.19%	3.322%
96	26.195	3855	3865	3871	rBV	1523864	4763248	5.69%	1.551%
97	26.277	3873	3879	3890	rVB	1702233	4611001	5.51%	1.502%
98	27.417	4054	4073	4082	rVB	3897824	17658906	21.10%	5.752%
99	29.138	4355	4366	4380	rVB	742072	3089162	3.69%	1.006%
100	30.836	4648	4655	4672	rVB2	1031394	4326774	5.17%	1.409%

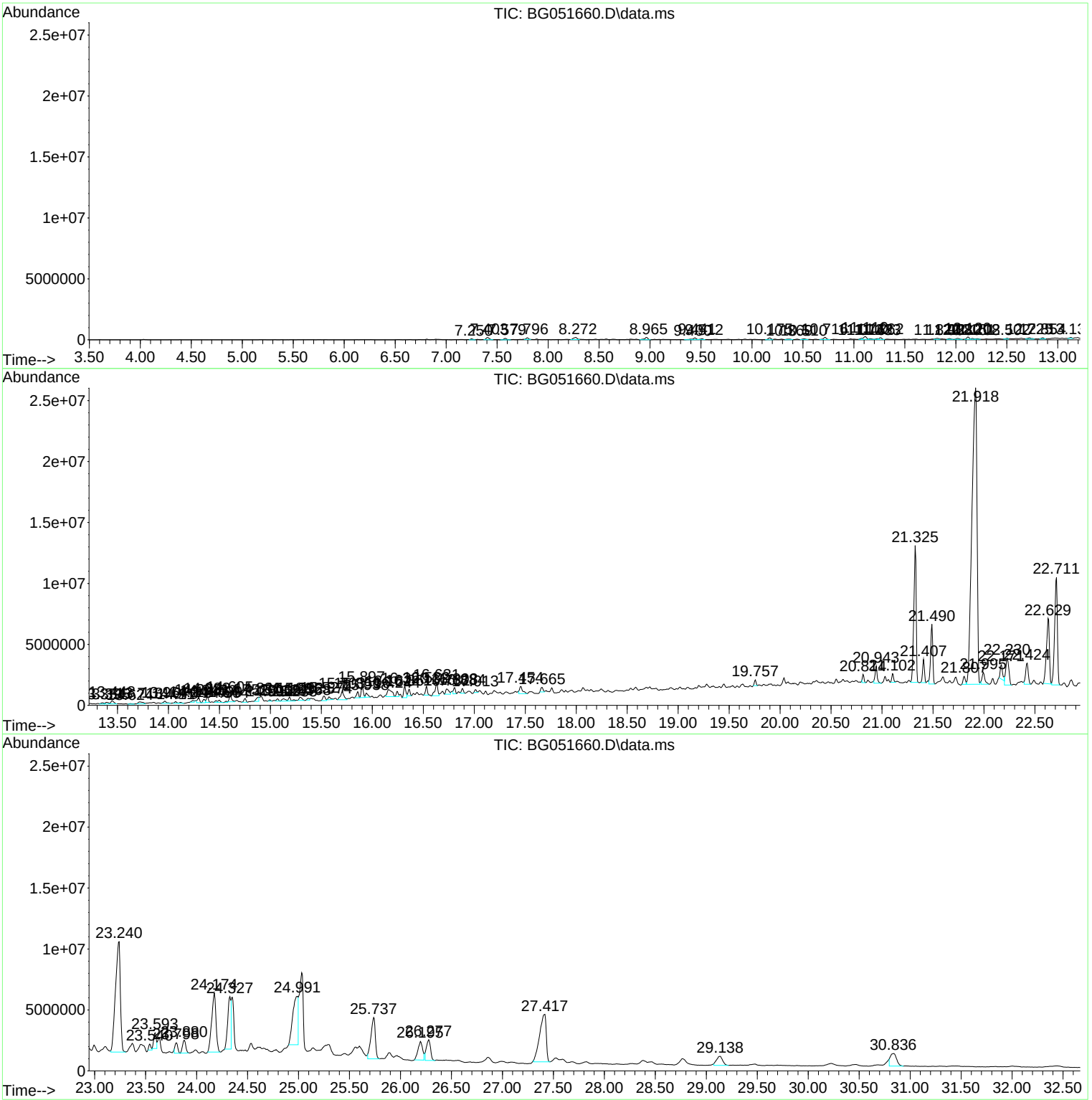
Sum of corrected areas: 307015806

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

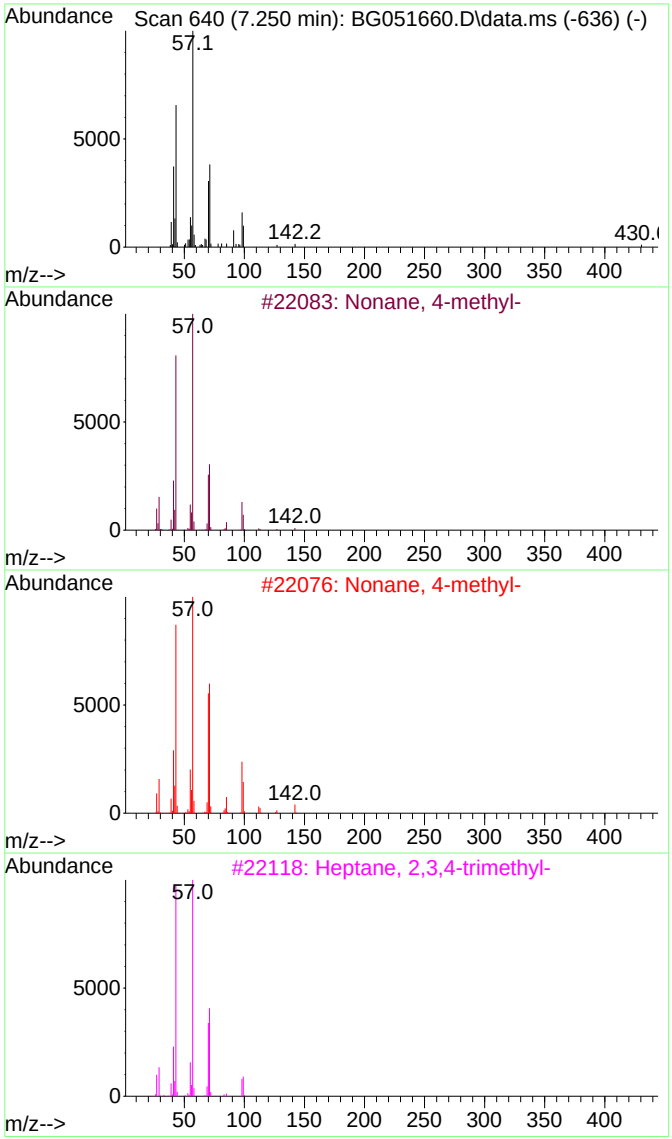
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

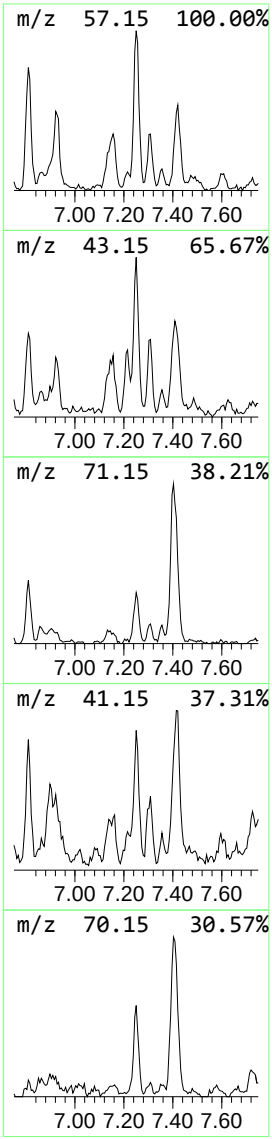
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.250	5.84 ng/ul	126302	1,4-Dichlorobenzene-d4	8.272

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
3	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

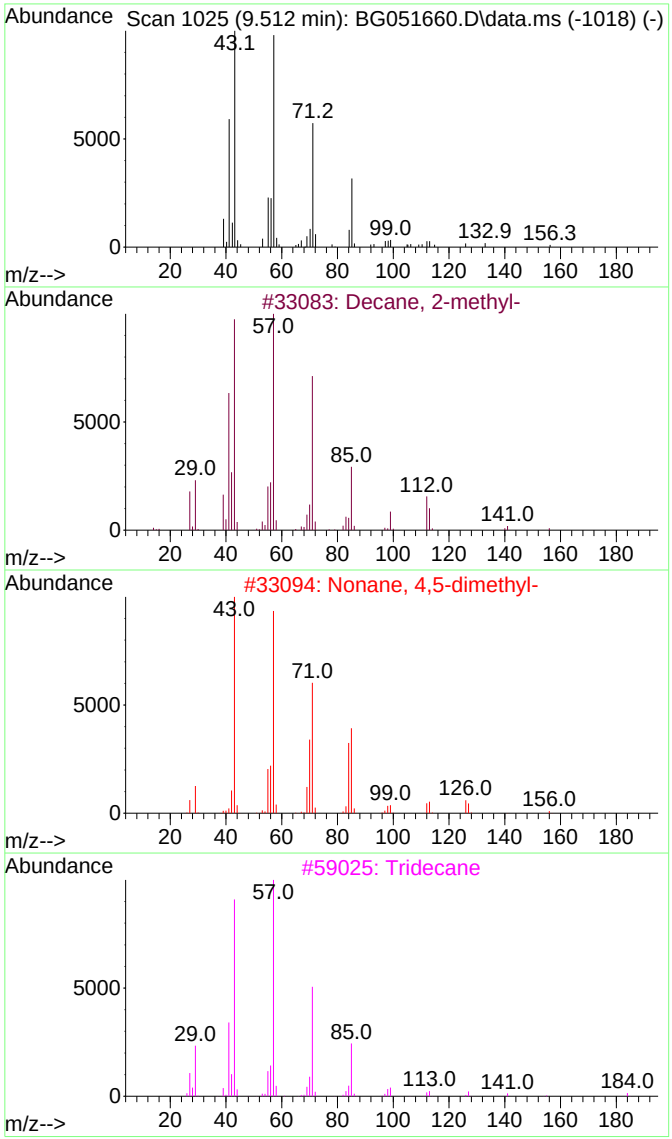
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

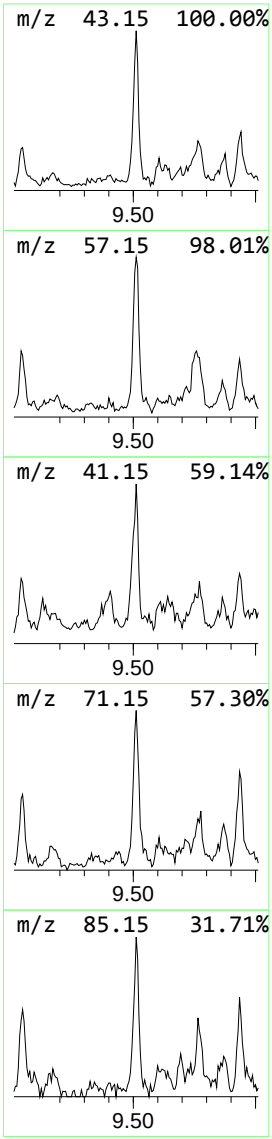
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.512	6.72 ng/ul	145426	1,4-Dichlorobenzene-d4	8.272

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	86
2	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	78
3	Tridecane	184	C13H28	000629-50-5	72
4	Nonane, 1-iodo-	254	C9H19I	004282-42-2	64
5	Octadecane	254	C18H38	000593-45-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

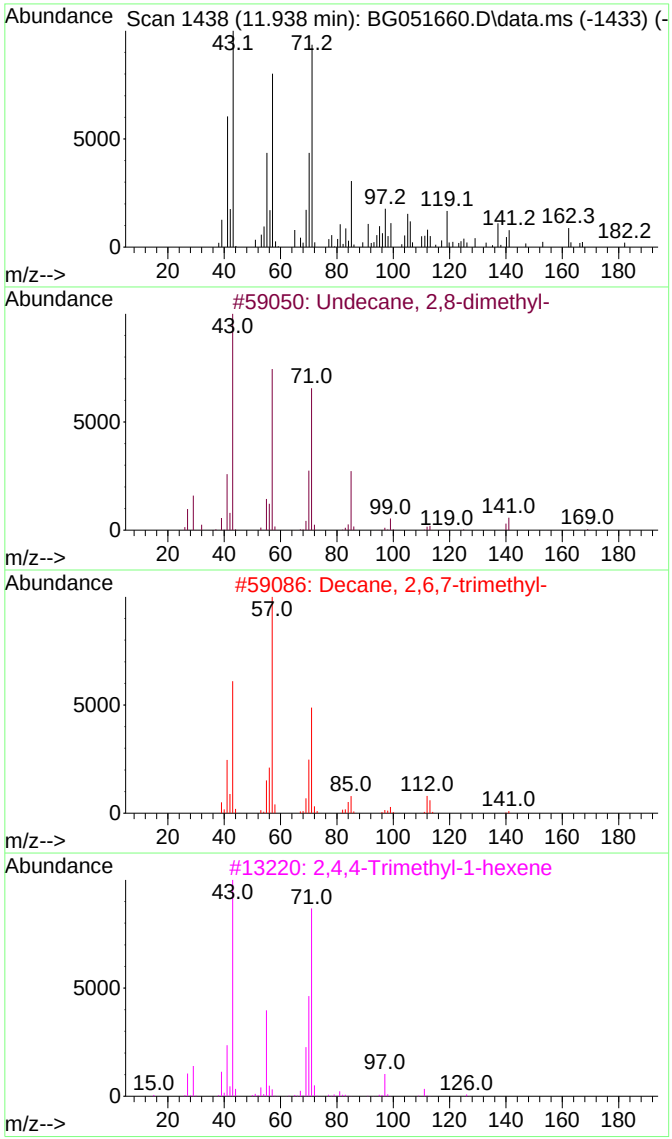
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

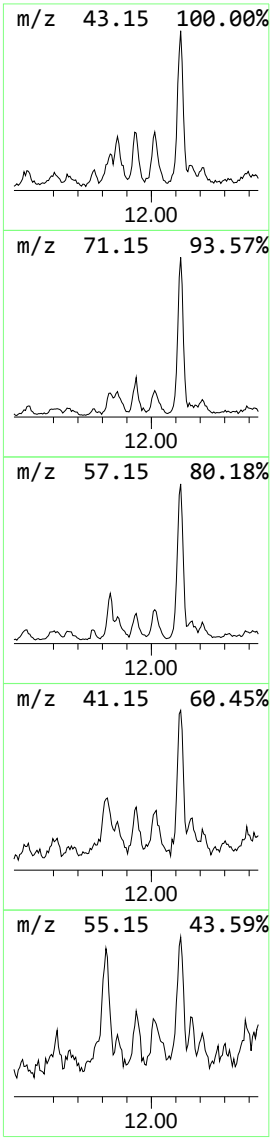
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.938	4.62 ng/ul	115003	Naphthalene-d8	11.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	59
2	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	53
3	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	47
4	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	47
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

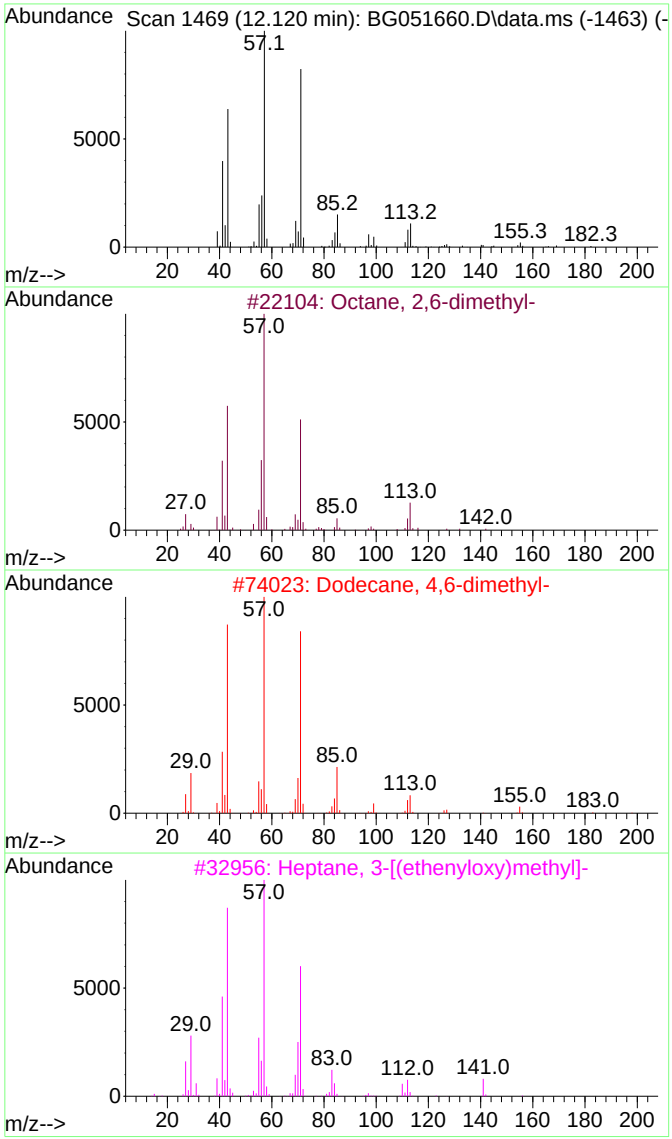
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

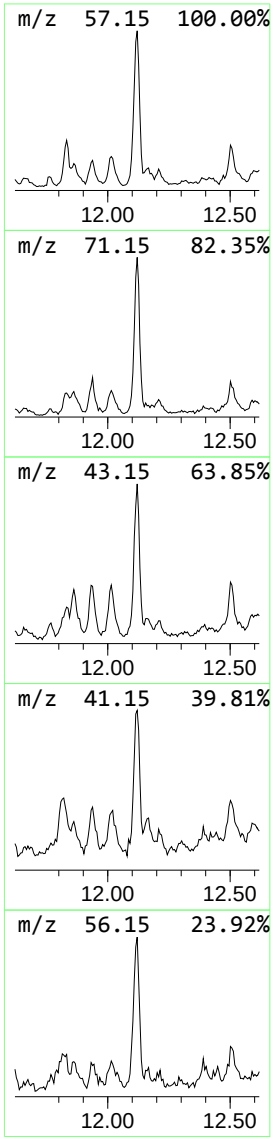
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.120	13.17 ng/ul	327624	Naphthalene-d8	11.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80
3	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	72
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72
5	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

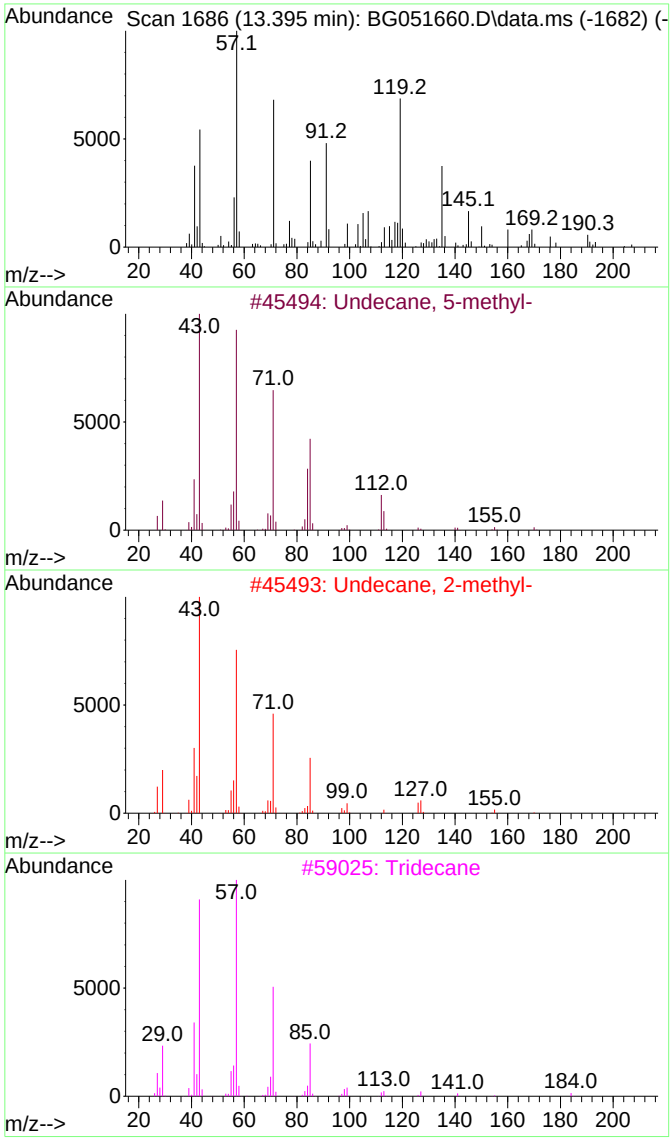
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

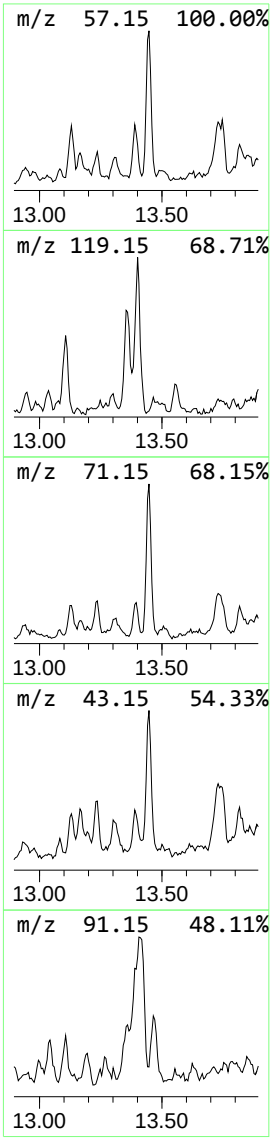
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.395	9.12 ng/ul	295650	Acenaphthene-d10	14.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	38
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	27
3	Tridecane	184	C13H28	000629-50-5	27
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	27
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	27





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Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

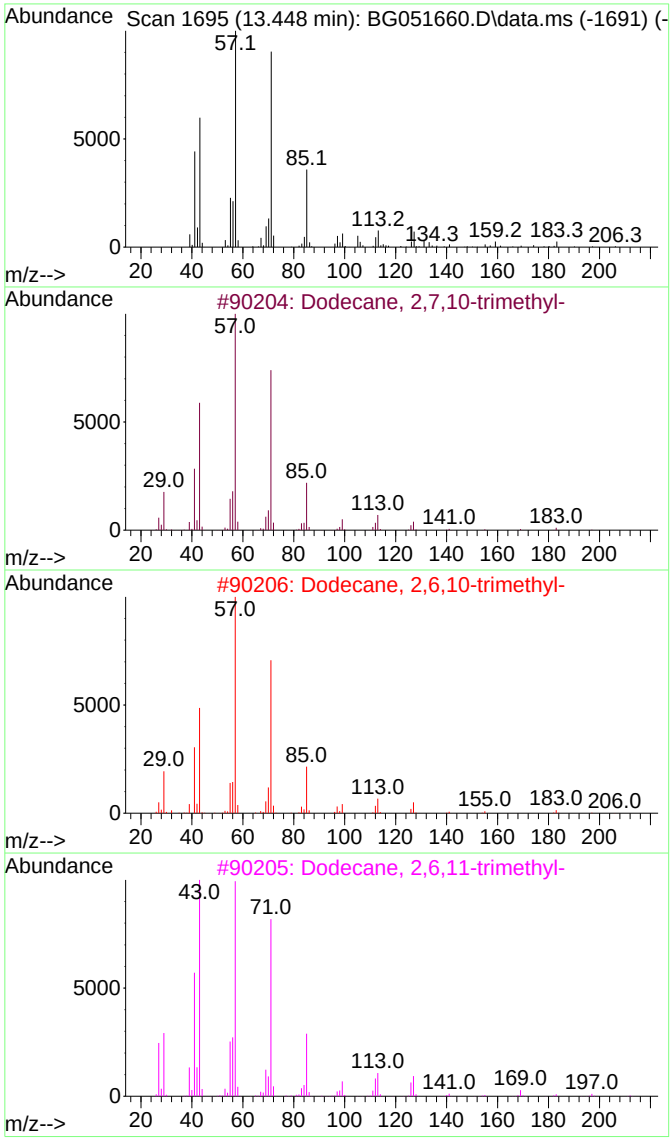
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

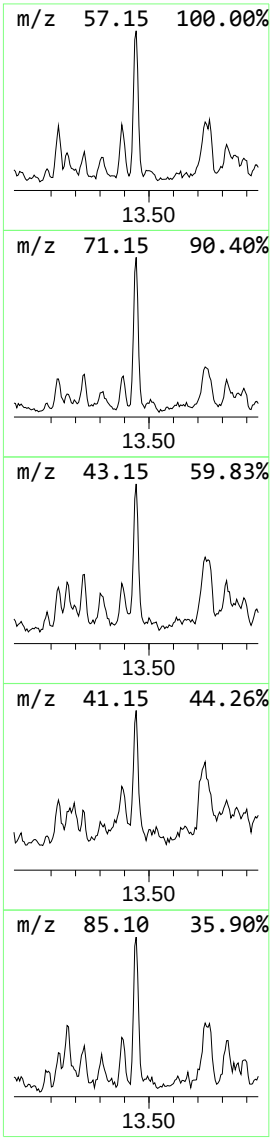
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.448	15.83 ng/ul	513025	Acenaphthene-d10	14.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64





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Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

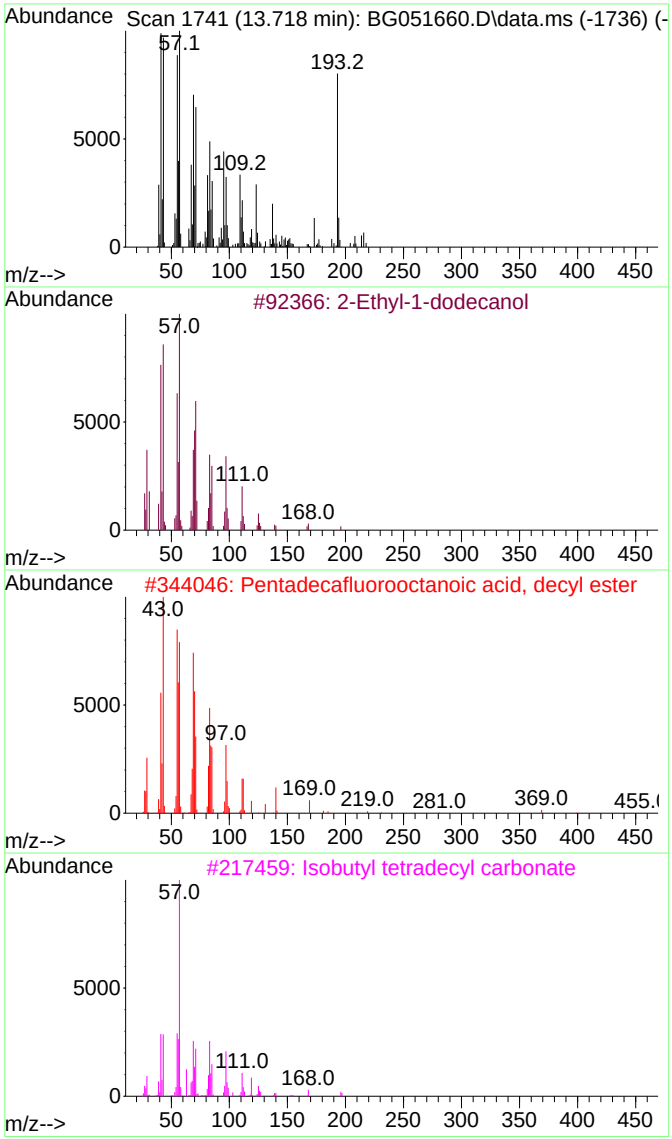
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

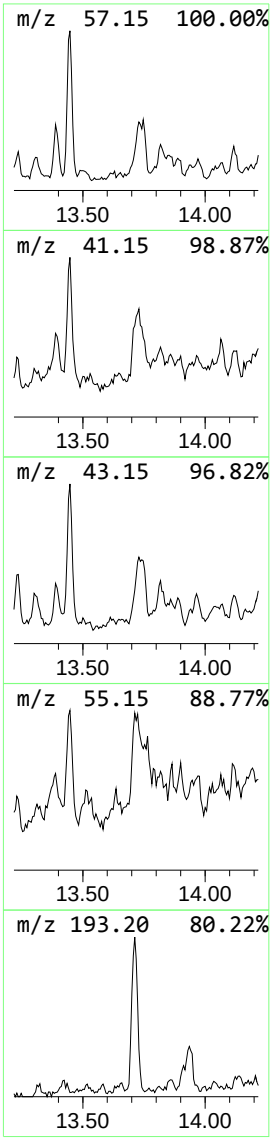
****

Peak Number 17 unknown-01 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.718	14.90 ng/ul	482954	Acenaphthene-d10	14.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	25
2	Pentadecafluorooctanoic acid, de...	554	C18H21F15O2	1000406-04-0	25
3	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	25
4	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	18
5	2-((Trimethylsilyl)thio)nicotino...	208	C9H12N2SSi	1000474-02-5	18





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Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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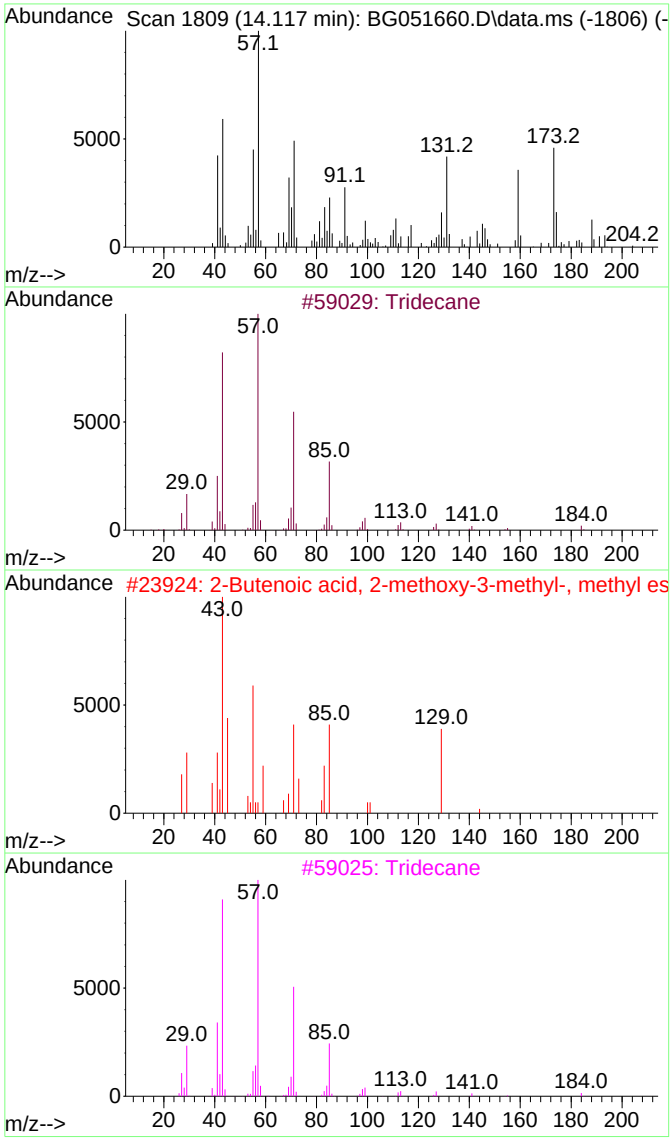
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

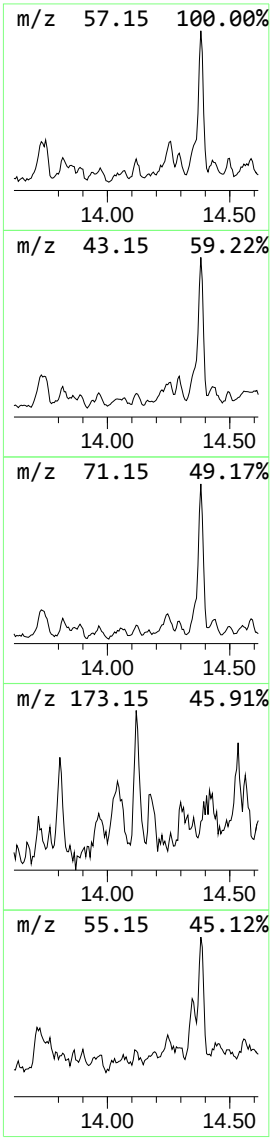
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.117	3.62 ng/ul	117335	Acenaphthene-d10	14.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	15
2	2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	11
3	Tridecane	184	C13H28	000629-50-5	11
4	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	11
5	Oxalic acid, 6-ethyloct-3-yl iso...	314	C18H34O4	1000309-34-3	10





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Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

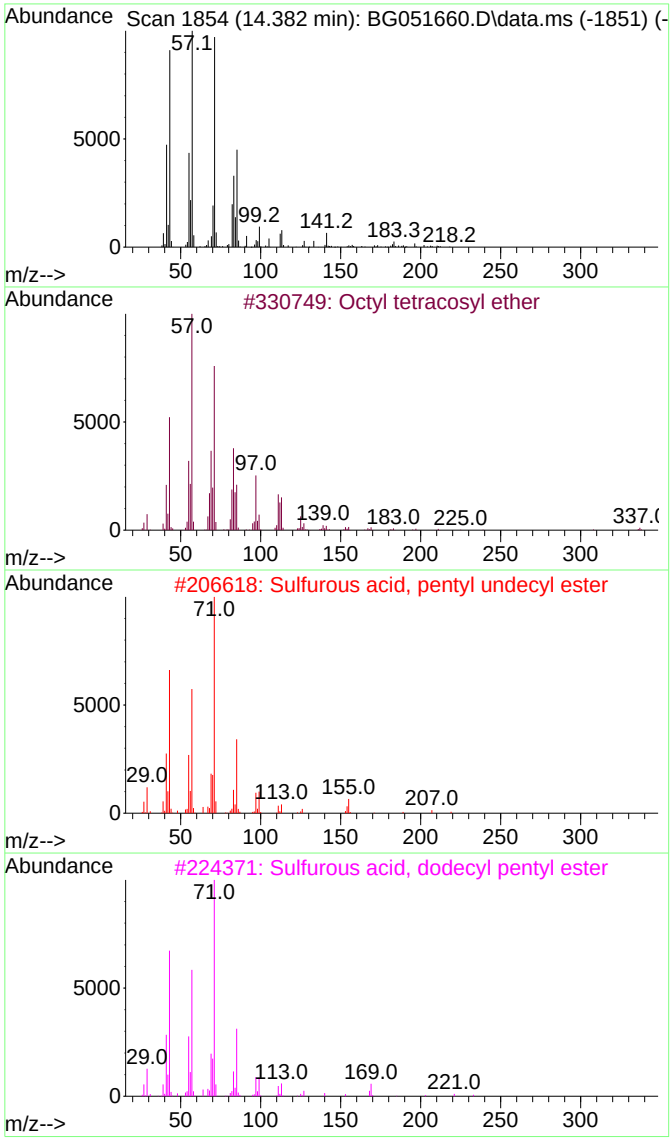
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

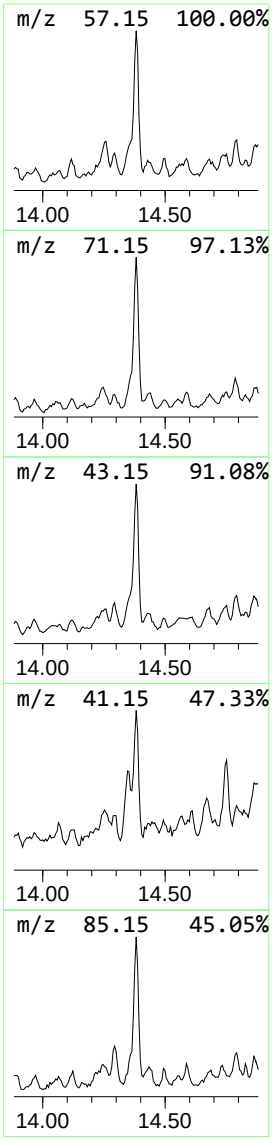
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Octyl tetracosyl ether Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.382	18.24 ng/ul	591075	Acenaphthene-d10	14.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octyl tetracosyl ether	467	C32H66O	1000406-39-0	80
2	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	59
3	Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	59
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58
5	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	49





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Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

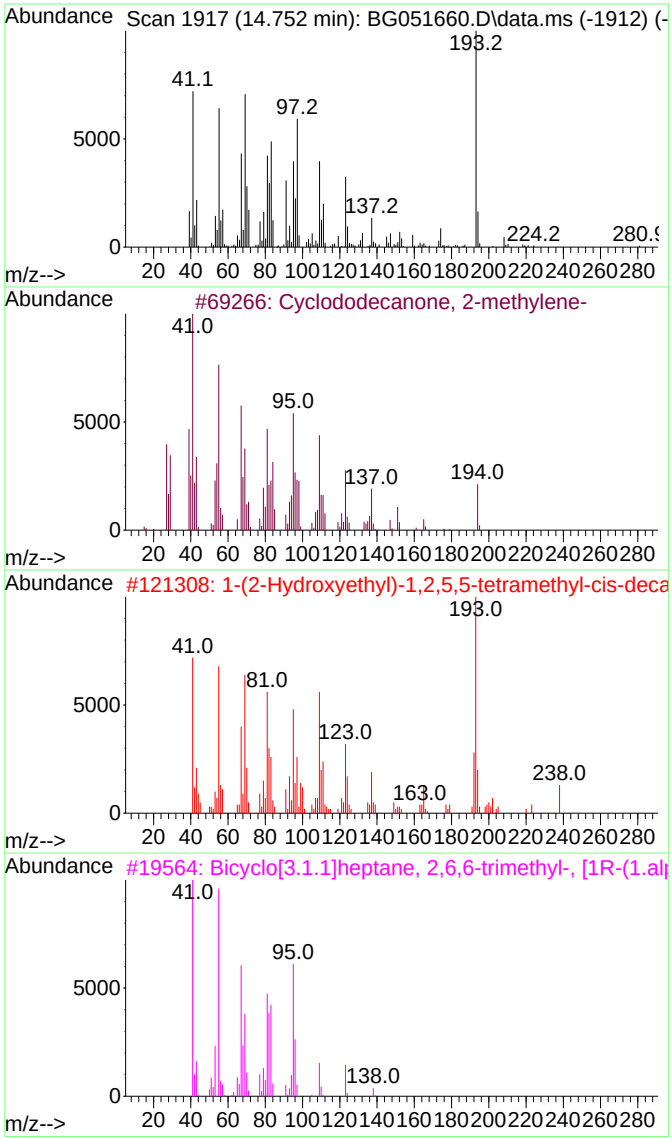
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

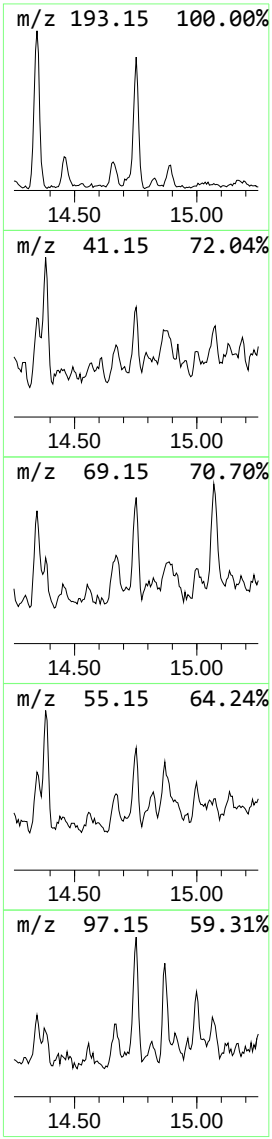
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Cyclododecanone, 2-methylene- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.752	13.26 ng/ul	429875	Acenaphthene-d10	14.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	55
2	1-(2-Hydroxyethyl)-1,2,5,5-tetra...	238	C16H30O	1010298-97-4	43
3	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	38
4	Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	38
5	1,7-Nonadiene, 4,8-dimethyl-	152	C11H20	062108-28-5	30





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Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

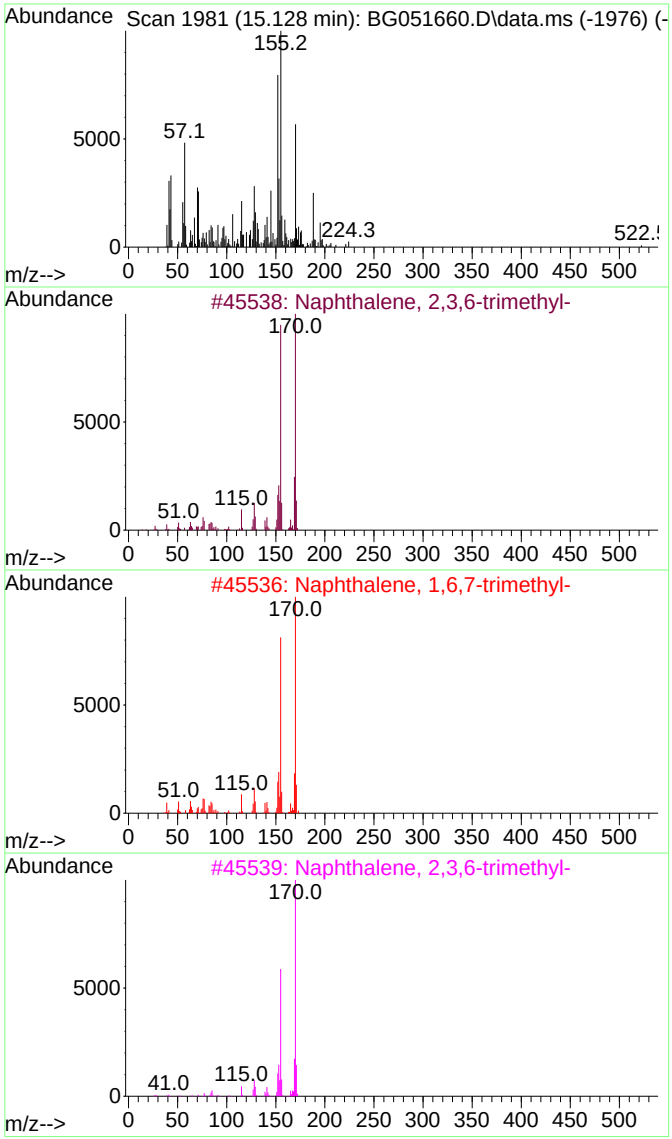
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

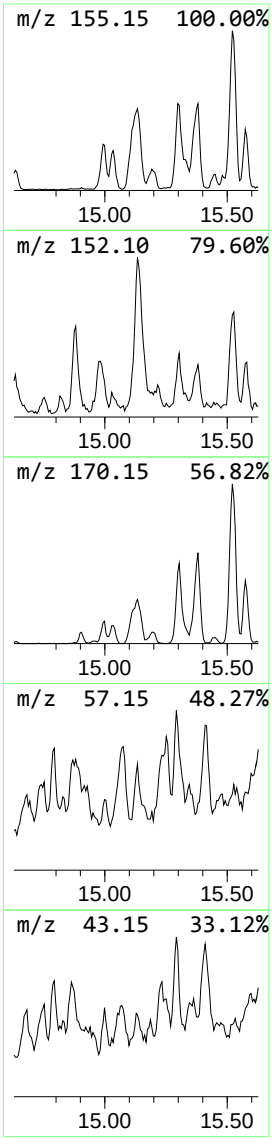
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Naphthalene, 2,3,6-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.128	16.03 ng/ul	519578	Acenaphthene-d10	14.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	78
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	78
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	78
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78





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Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

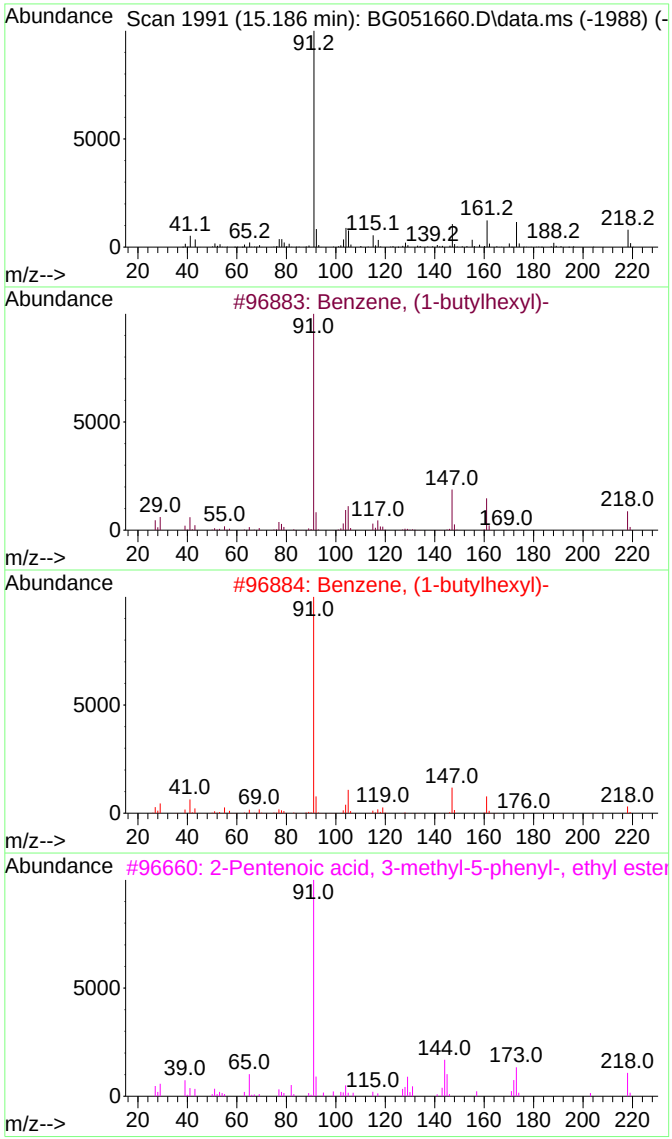
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

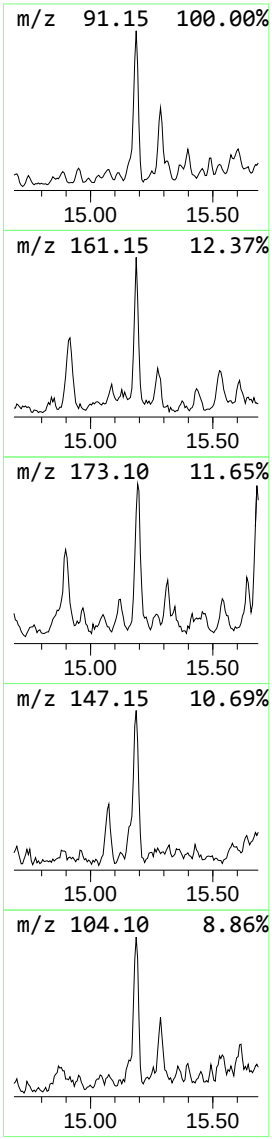
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, (1-butylhexyl)- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.186	12.67 ng/ul	410646	Acenaphthene-d10	14.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	64
2	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	53
3	2-Pentenoic acid, 3-methyl-5-phe...	218	C14H18O2	034188-63-1	47
4	Benzene, (1-pentyloctyl)-	260	C19H32	004534-49-0	25
5	Benzene, (1-pentylheptyl)-	246	C18H30	002719-62-2	25





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Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

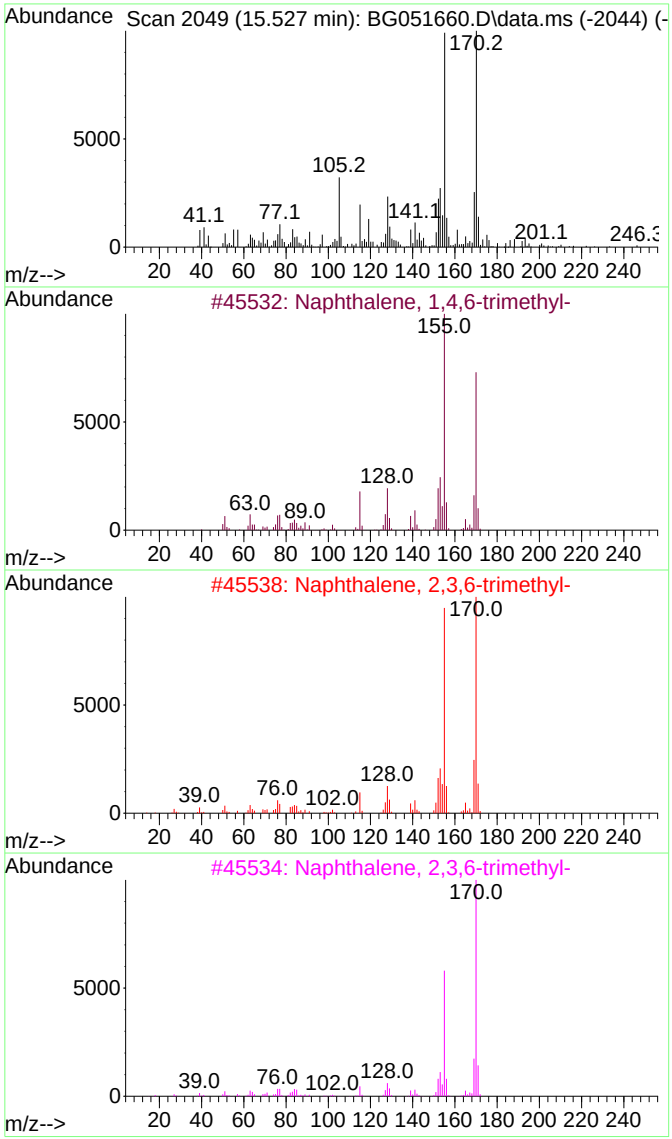
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

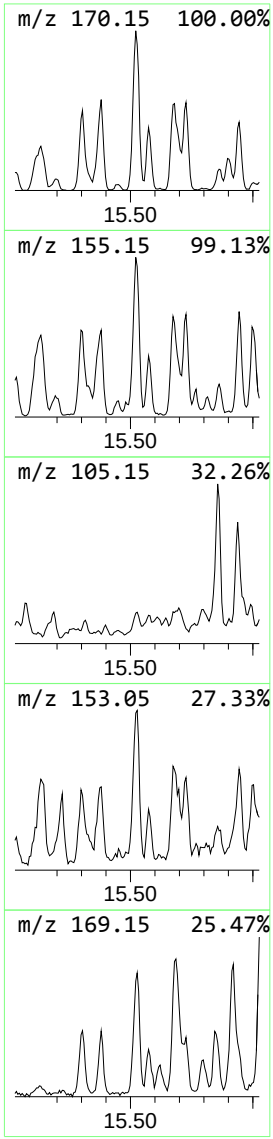
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Naphthalene, 1,4,6-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.527	20.69 ng/ul	670453	Acenaphthene-d10	14.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





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Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BGL70

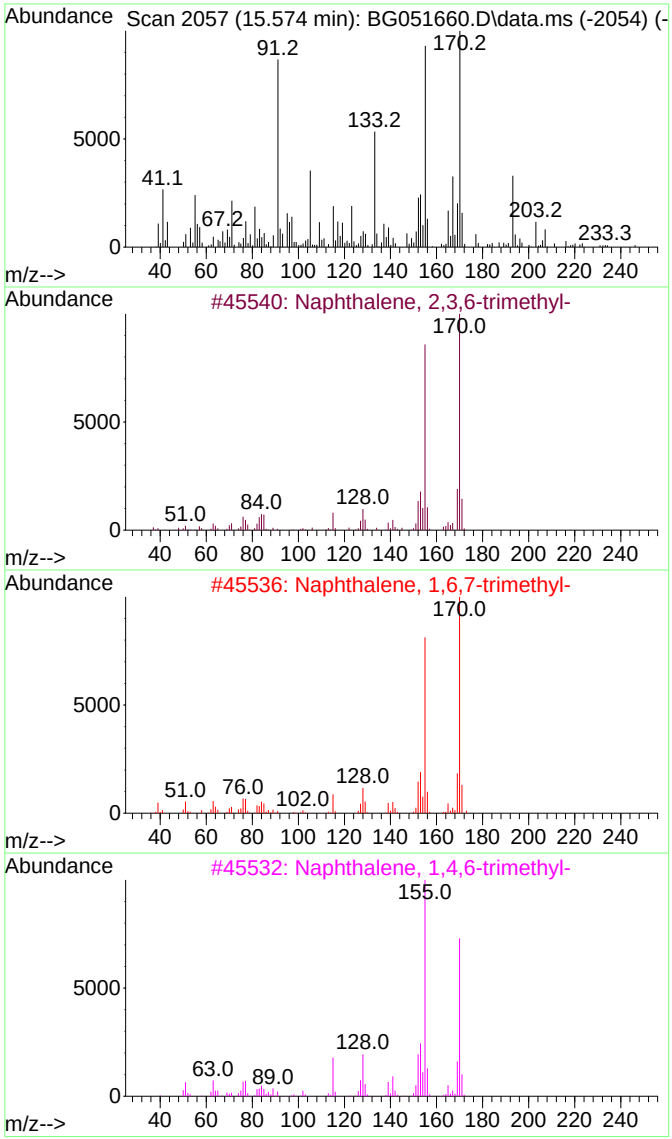
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

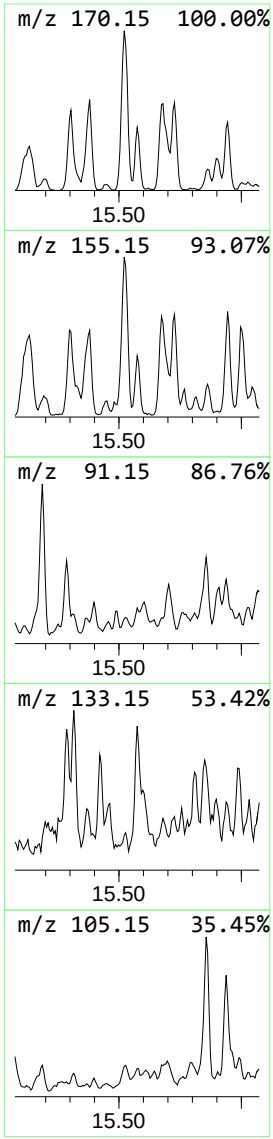
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Naphthalene, 1,6,7-trimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.574	12.70 ng/ul	411432	Acenaphthene-d10	14.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64





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Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

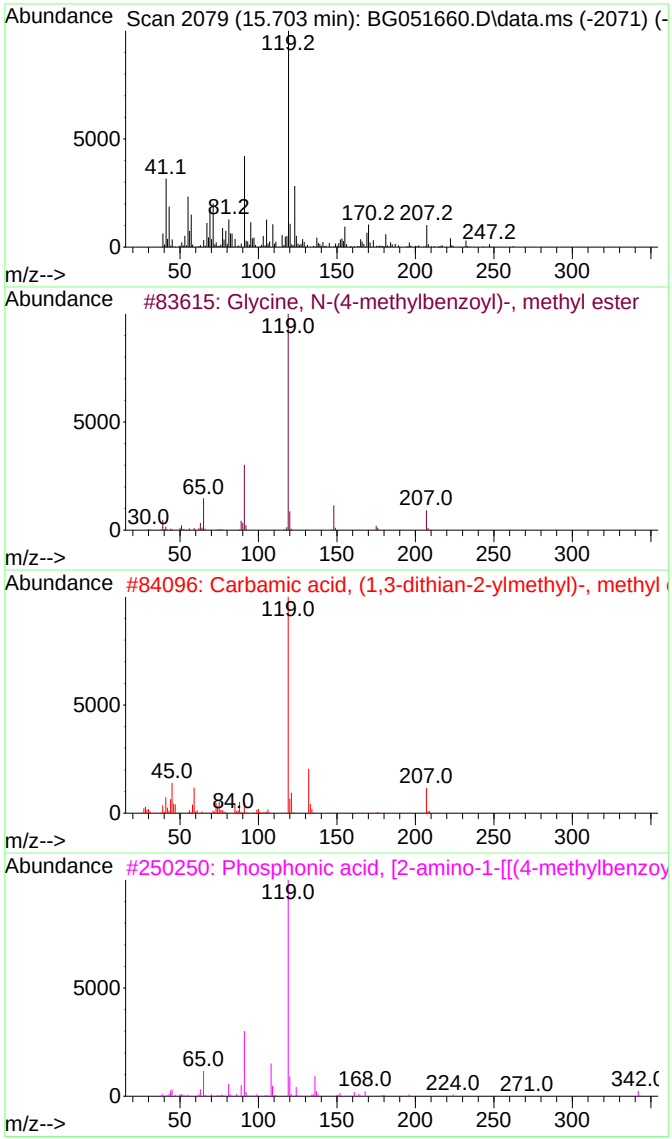
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

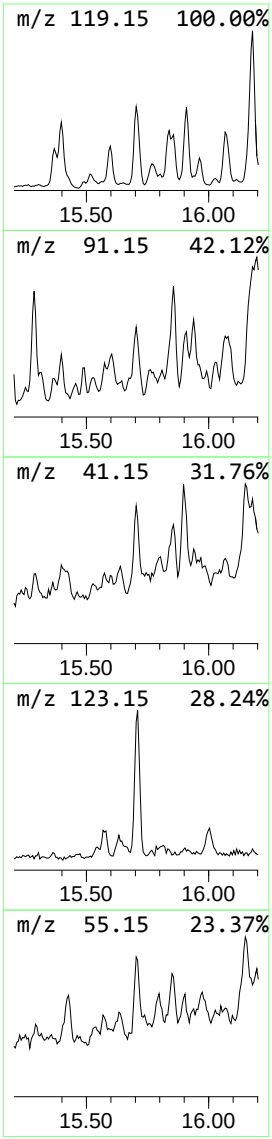
****

Peak Number 30 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.703	47.90 ng/ul	1552400	Acenaphthene-d10	14.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glycine, N-(4-methylbenzoyl)-, m...	207	C11H13NO3	001208-23-7	46
2	Carbamic acid, (1,3-dithian-2-yl...	207	C7H13NO2S2	139540-22-0	43
3	Phosphonic acid, [2-amino-1-[[(4...	342	C14H19N2O6P	1000316-34-8	43
4	2,5-Pyrrolidinone, 1-[(3-methylb...	233	C12H11NO4	110920-15-5	38
5	2,4,4,6-Tetramethyl-6-phenylheptane	232	C17H28	1010293-28-6	38





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Sample : M5153-05
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ALS Vial : 77 Sample Multiplier: 1

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BNA_G
ClientSampleId :
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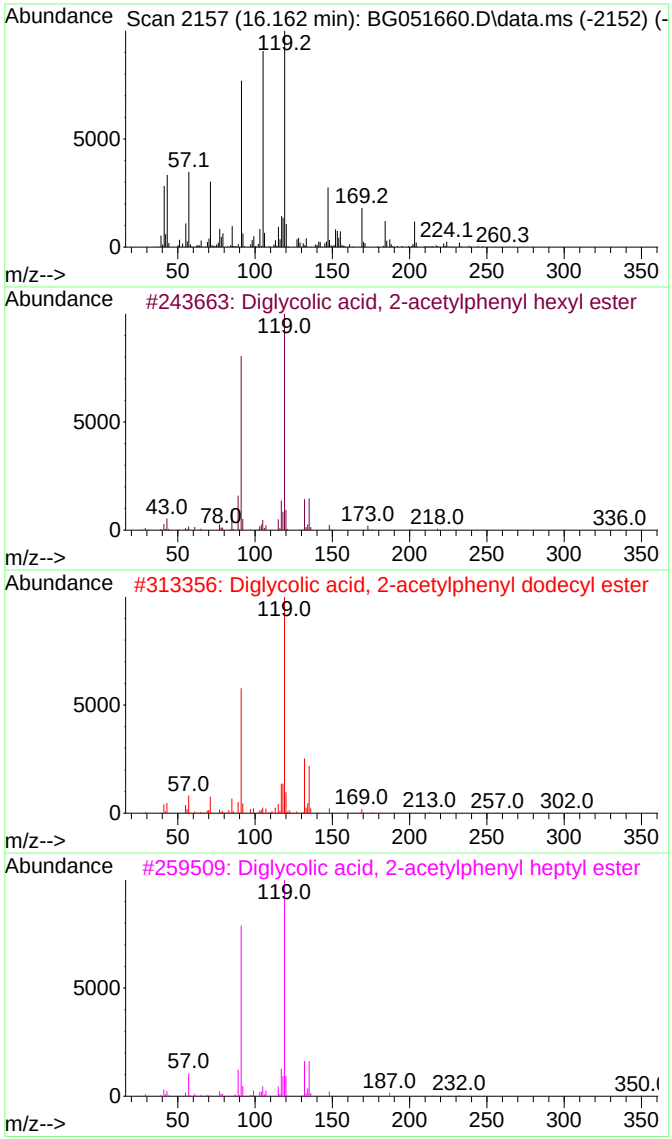
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

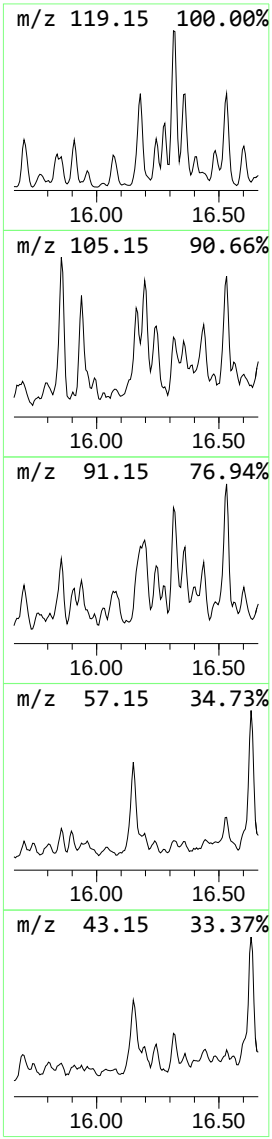
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Diglycolic acid, 2-acetylph... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.162	57.88 ng/ul	1875720	Acenaphthene-d10	14.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diglycolic acid, 2-acetylphenyl ...	336	C18H24O6	1000382-72-2	50
2	Diglycolic acid, 2-acetylphenyl ...	420	C24H36O6	1010382-72-8	50
3	Diglycolic acid, 2-acetylphenyl ...	350	C19H26O6	1000382-72-3	50
4	Diglycolic acid, 2-acetylphenyl ...	434	C25H38O6	1000382-72-9	50
5	Diglycolic acid, 2-acetylphenyl ...	308	C16H20O6	1000382-71-9	50





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Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

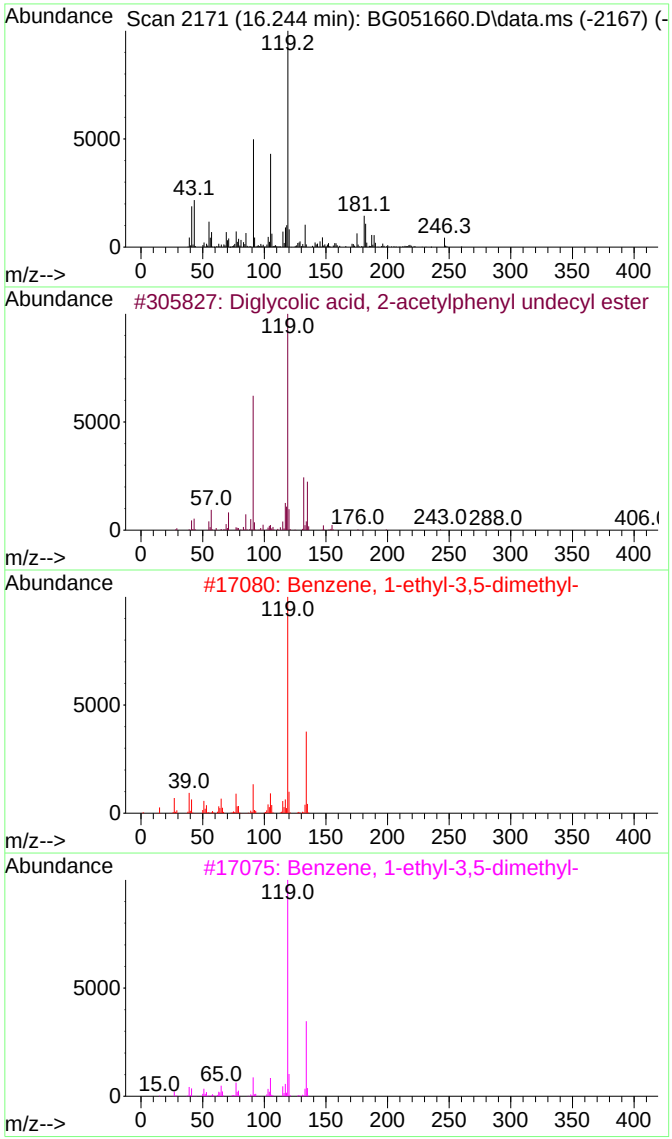
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

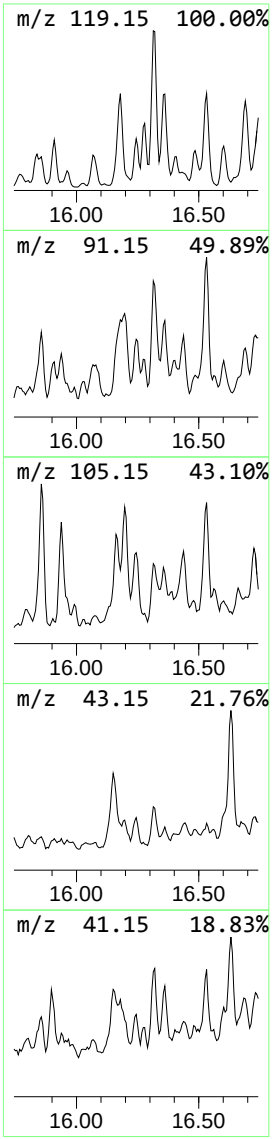
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Diglycolic acid, 2-acetylph... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.244	18.51 ng/ul	599953	Acenaphthene-d10	14.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diglycolic acid, 2-acetylphenyl ...	406	C23H34O6	1000382-72-7	53
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	50
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	50
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
5	Benzene, (1,1,2-trimethylpropyl)-	162	C12H18	026356-11-6	47





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Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

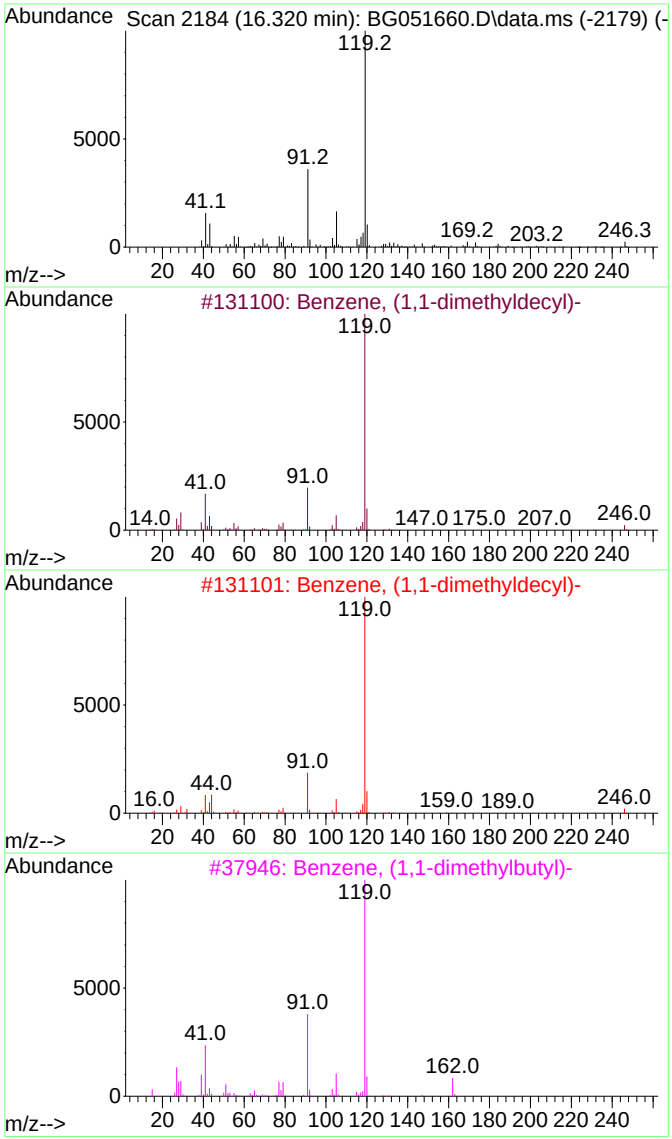
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

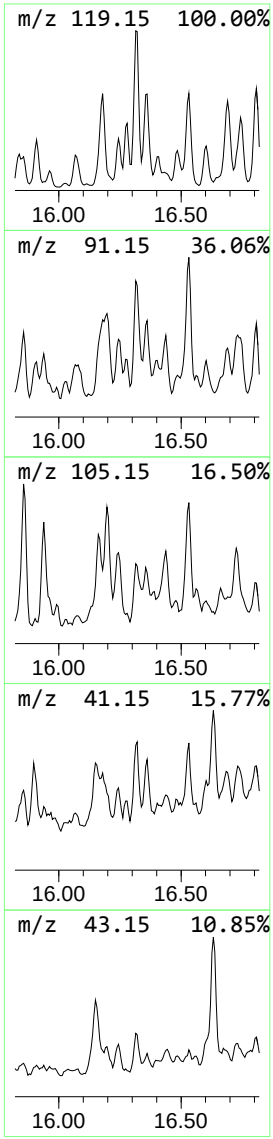
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, (1,1-dimethyldecyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.320	47.56 ng/ul	1372800	Phenanthrene-d10	17.665

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	90
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	86
3	Benzene, (1,1-dimethylbutyl)-	162	C12H18	001985-57-5	78
4	Cumene hydroperoxide, TMS deriva...	224	C12H20O2Si	018057-16-4	78
5	Dicumyl peroxide	270	C18H22O2	000080-43-3	72





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Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

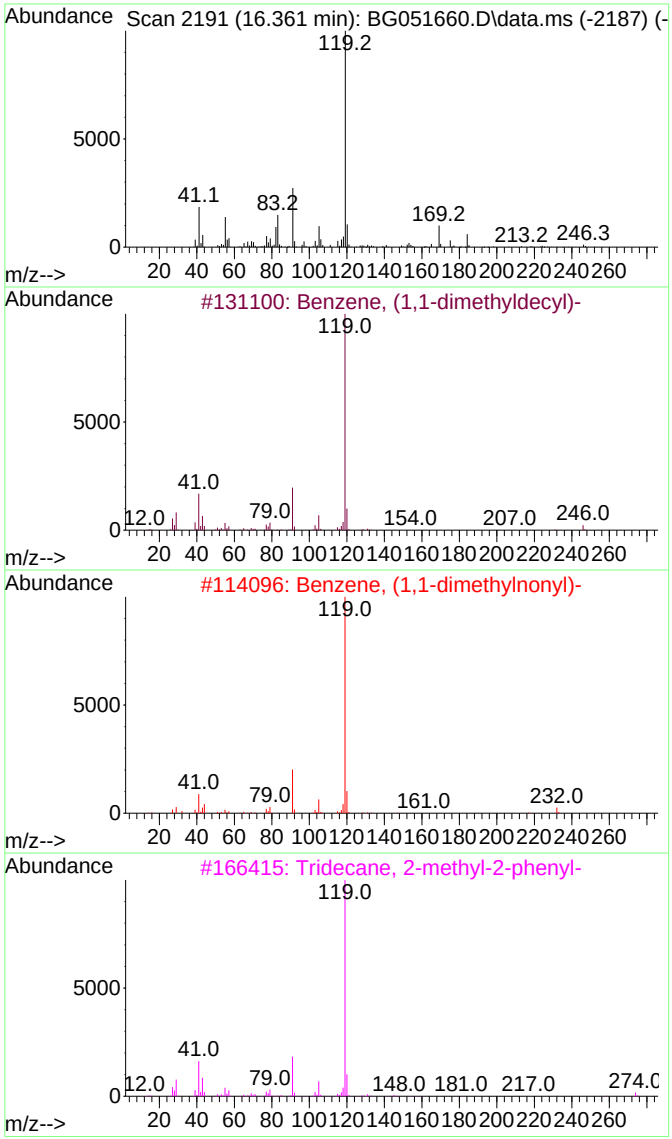
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

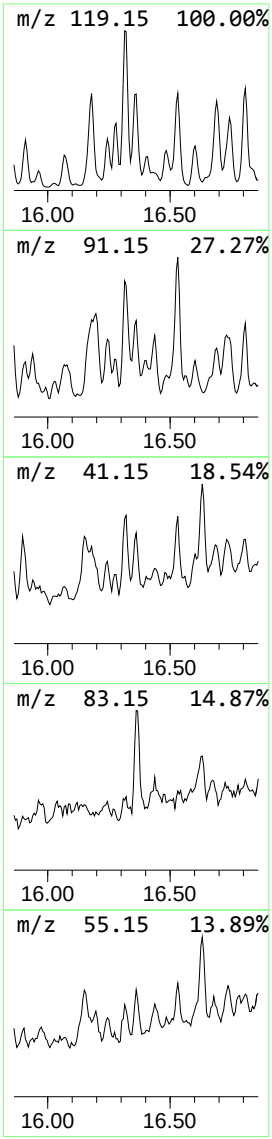
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, (1,1-dimethylnonyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.361	24.69 ng/ul	712760	Phenanthrene-d10	17.665

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	64
2	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	64
3	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	64
4	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	64
5	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	62





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Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

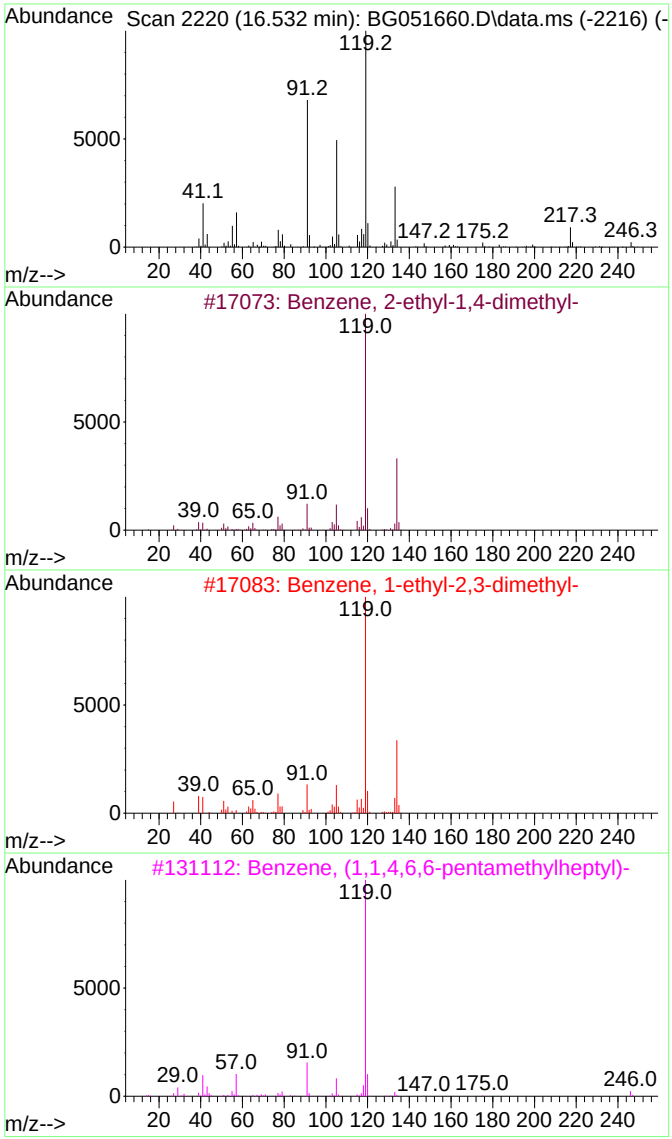
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

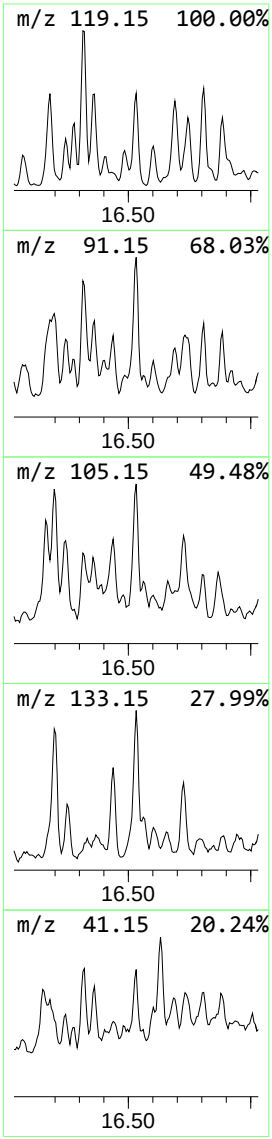
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.532	31.43 ng/ul	907214	Phenanthrene-d10	17.665

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	59
3	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	53
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	53
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	53





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Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

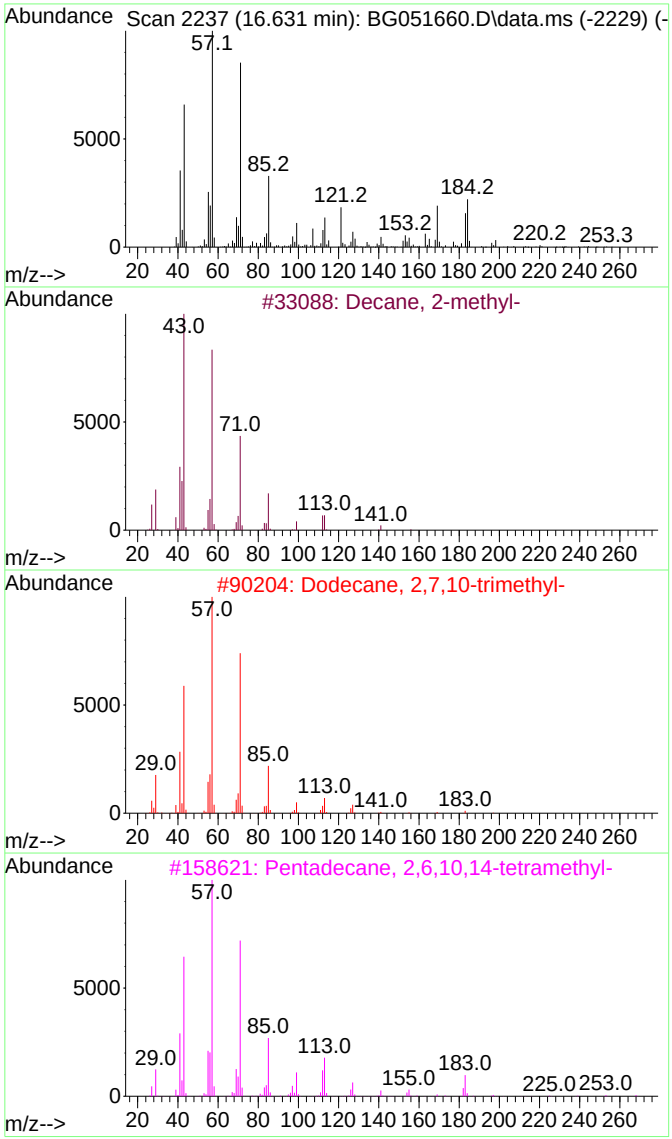
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

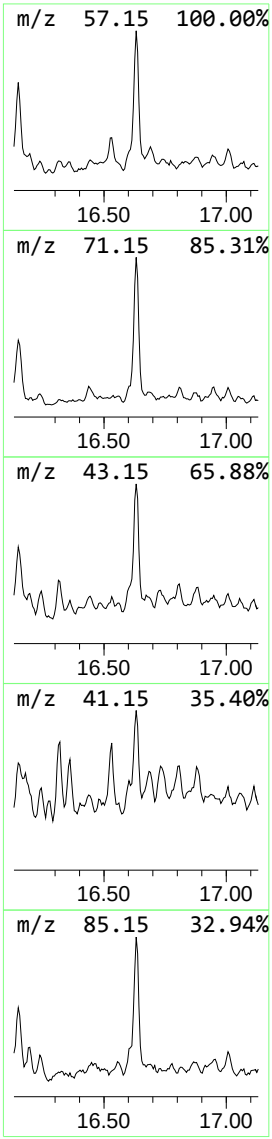
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.631	67.50 ng/ul	1948580	Phenanthrene-d10	17.665

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	70
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58
4	Octane, 3-ethyl-	142	C10H22	005881-17-4	53
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	49





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Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

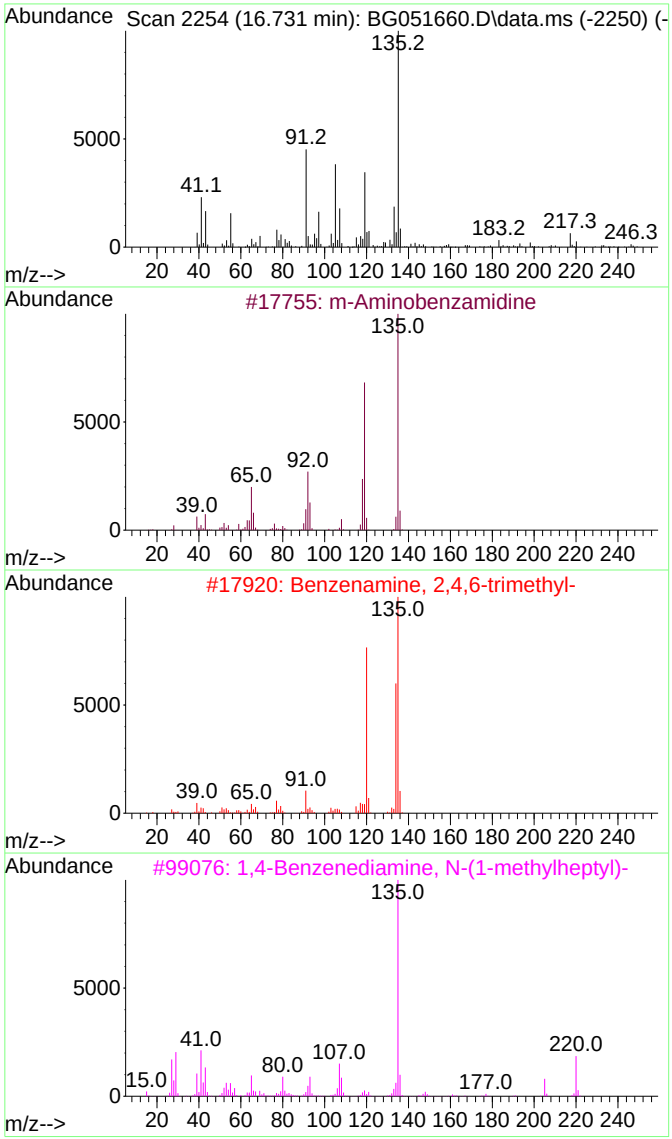
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

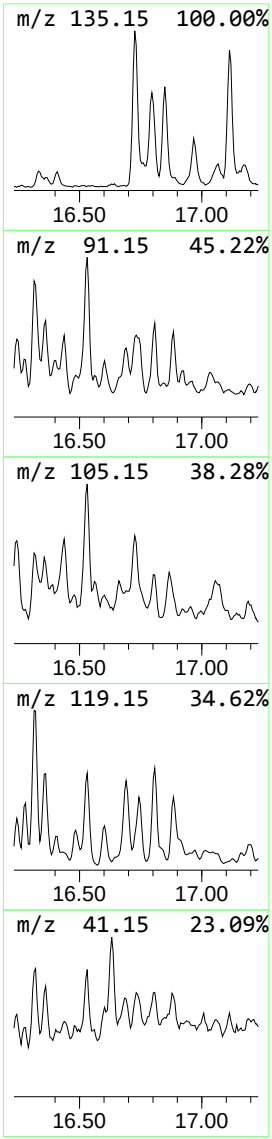
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 m-Aminobenzamidine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.731	33.32 ng/ul	961948	Phenanthrene-d10	17.665

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Aminobenzamidine	135	C7H9N3	003459-66-3	53
2	Benzenamine, 2,4,6-trimethyl-	135	C9H13N	000088-05-1	52
3	1,4-Benzenediamine, N-(1-methylh...	220	C14H24N2	039563-50-3	50
4	3-tert-Butylphenol, O-isopropylo...	236	C14H20O3	1000487-38-3	50
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	50





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Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

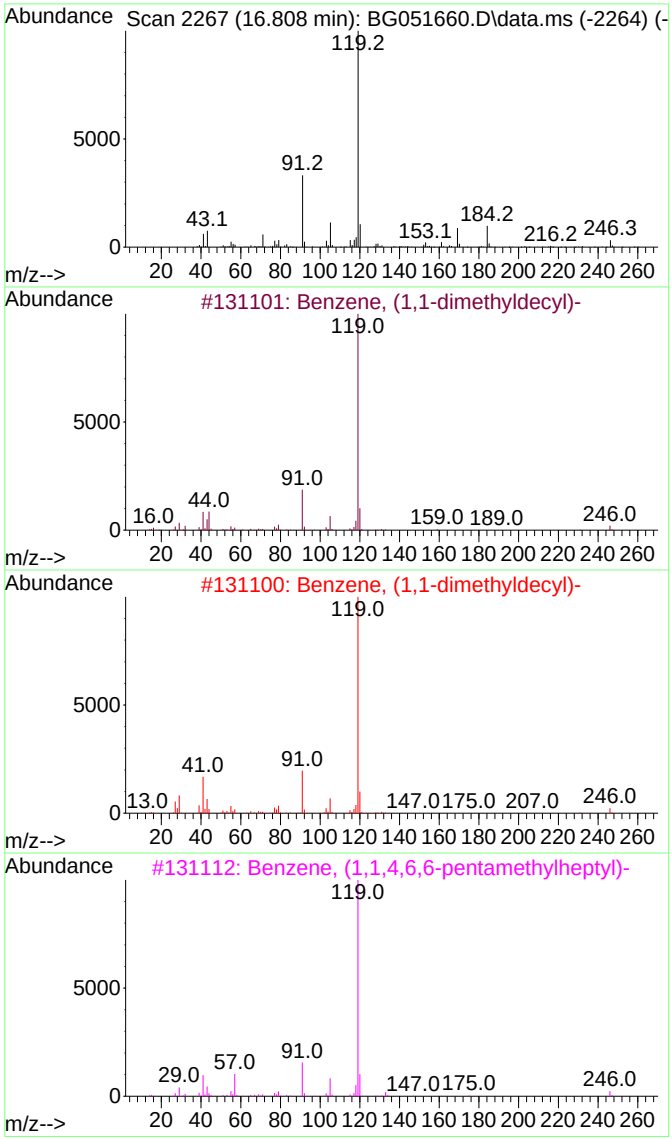
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

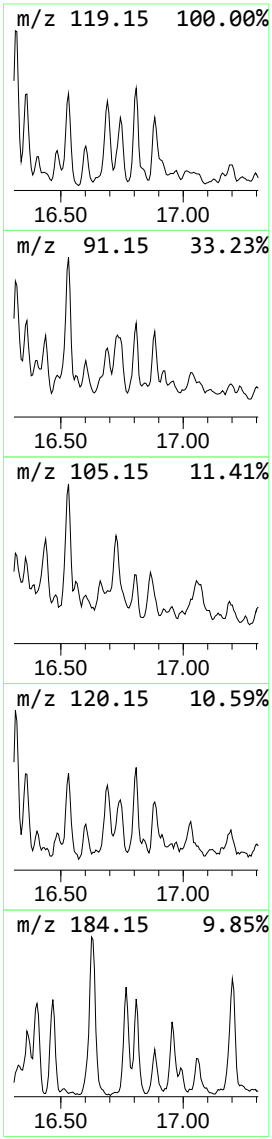
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, (1,1,4,6,6-pentame... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.808	21.69 ng/ul	625987	Phenanthrene-d10	17.665

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	87
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	87
3	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	80
4	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	64
5	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	64





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Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

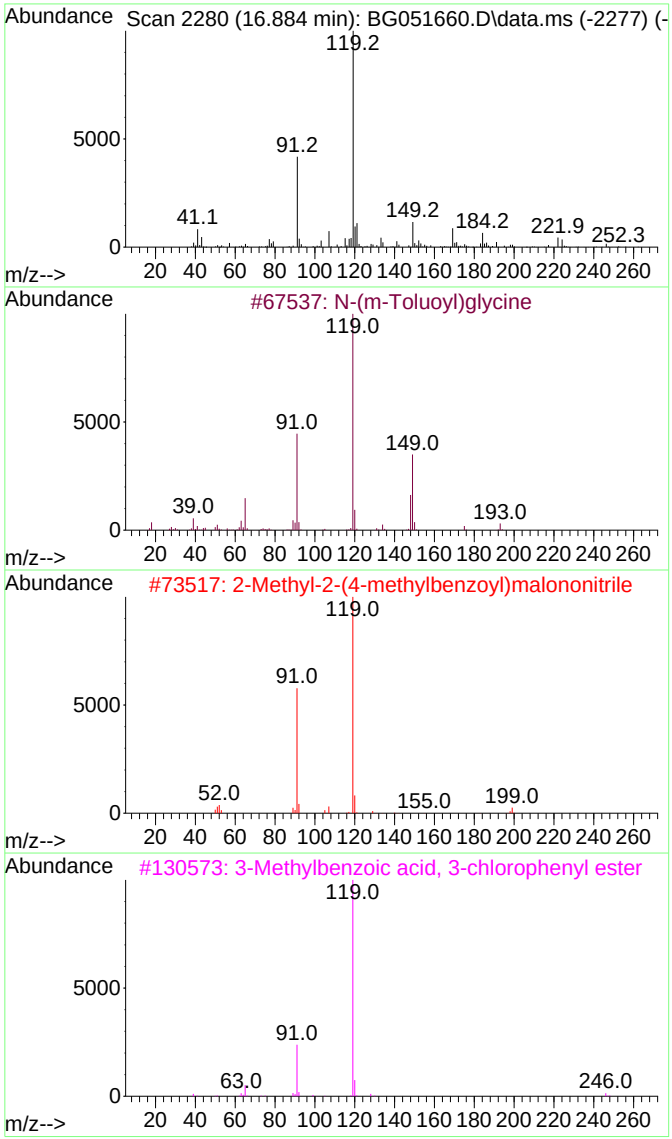
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

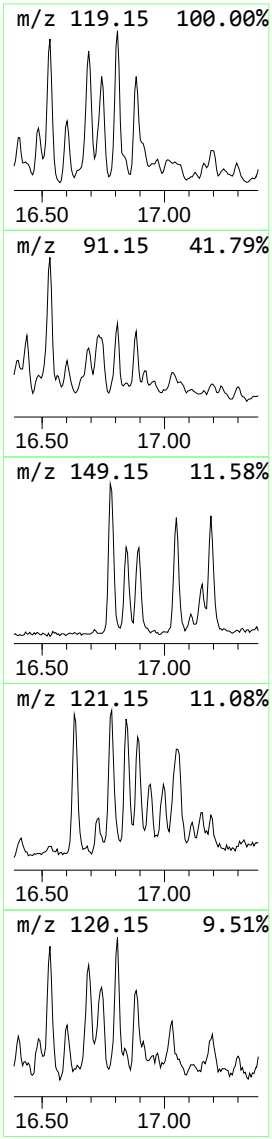
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 N-(m-Toluoyl)glycine Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.884	17.47 ng/ul	504371	Phenanthrene-d10	17.665

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(m-Toluoyl)glycine	193	C10H11NO3	027115-49-7	59
2	2-Methyl-2-(4-methylbenzoyl)malo...	198	C12H10N2O	1000326-92-9	53
3	3-Methylbenzoic acid, 3-chloroph...	246	C14H11ClO2	1010325-71-2	53
4	2-(Difluoromethoxy)benzonitrile	169	C8H5F2NO	056935-78-5	50
5	2,4,4,6-Tetramethyl-6-phenyl-1-h...	230	C17H26	1000293-27-9	50





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Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

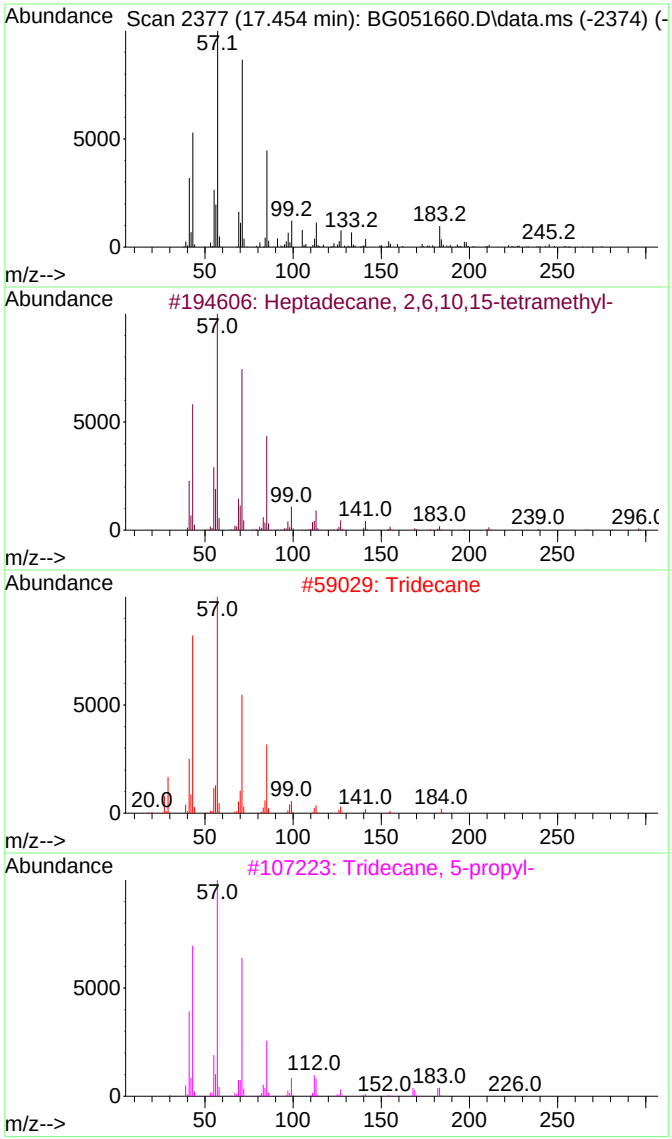
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

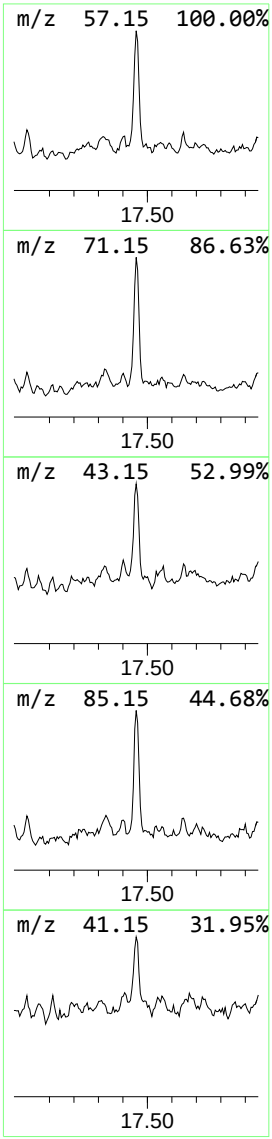
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.454	41.07 ng/ul	1185430	Phenanthrene-d10	17.665

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2	Tridecane	184	C13H28	000629-50-5	87
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Nonadecane	268	C19H40	000629-92-5	80





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Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

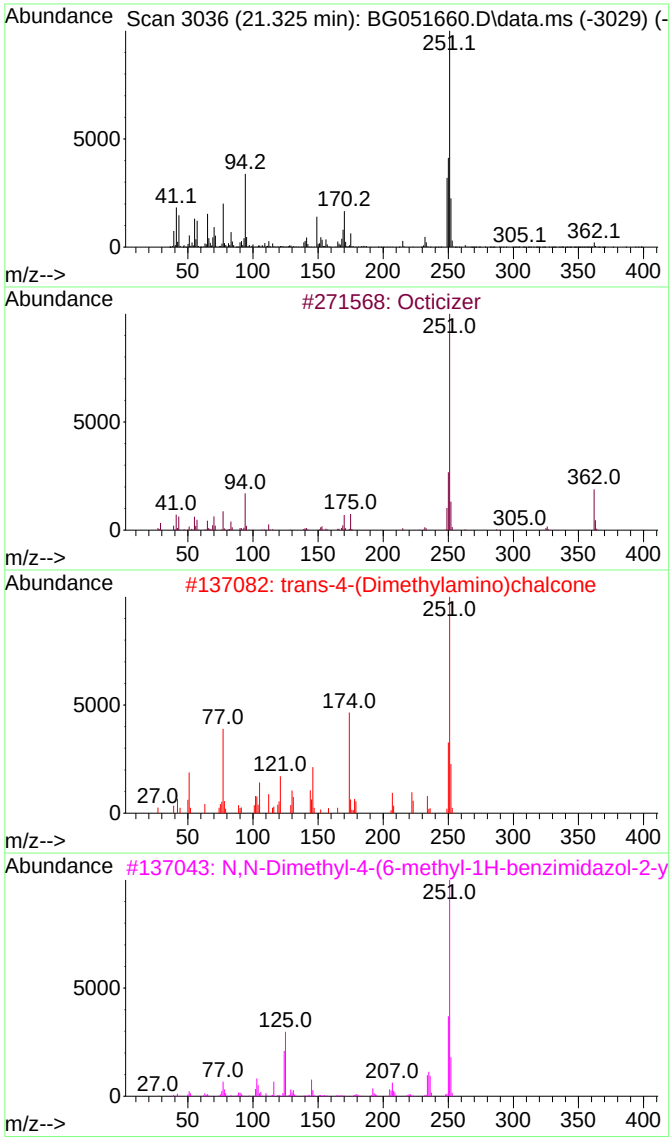
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

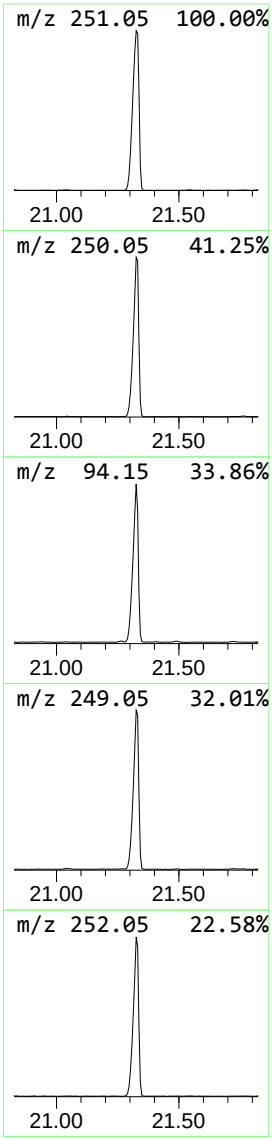
****

Peak Number 44 Octicizer Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.325	202.25 ng/ul	17906400	Chrysene-d12	21.995

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octicizer	362	C20H27O4P	001241-94-7	62
2	trans-4-(Dimethylamino)chalcone	251	C17H17NO	022965-98-6	50
3	N,N-Dimethyl-4-(6-methyl-1H-benz...	251	C16H17N3	069570-95-2	50
4	5-Dimethylamino-1-naphthalenesul...	251	C12H13NO3S	004272-77-9	50
5	Isoindole, 1,3-dihydro-1-imino-2...	251	C16H17N3	1000263-91-7	47





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ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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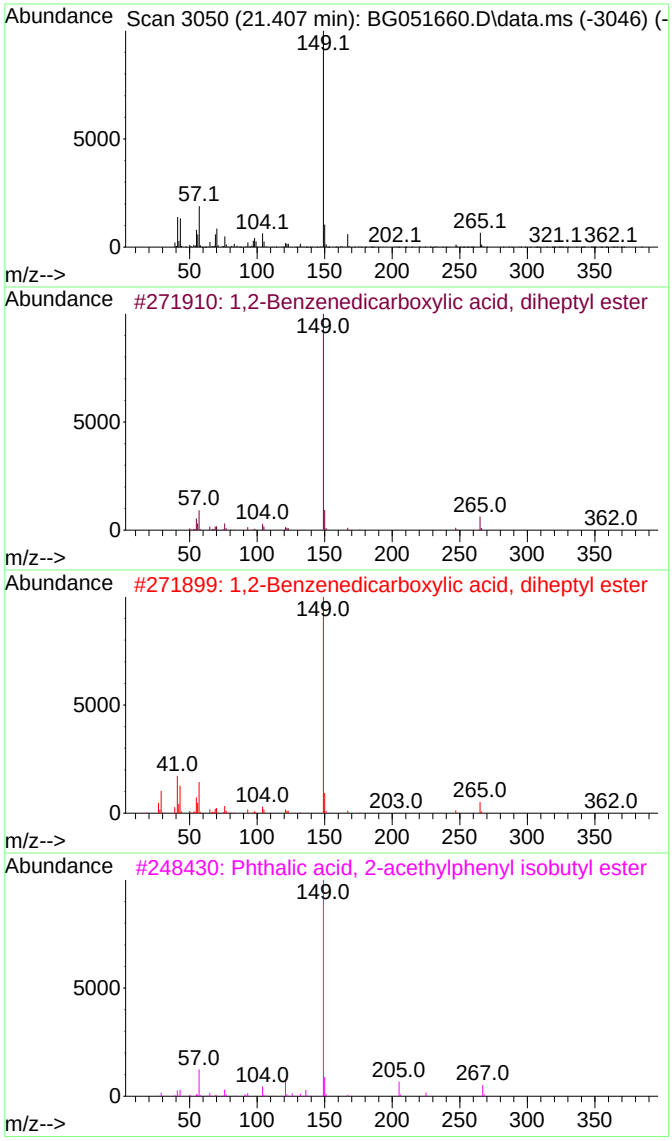
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

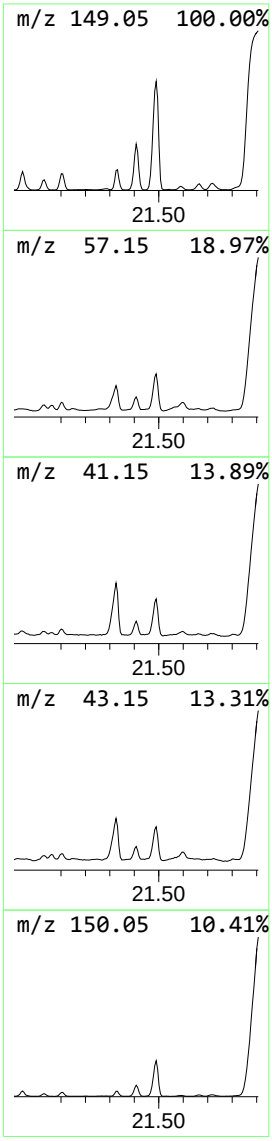
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 1,2-Benzenedicarboxylic aci... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.407	26.42 ng/ul	2339310	Chrysene-d12	21.995

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	86
2	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	86
3	Phthalic acid, 2-acethylphenyl i...	340	C20H20O5	1000315-81-4	72
4	Phthalic acid, butyl hept-3-yl e...	320	C19H28O4	1000356-98-7	72
5	Phthalic acid, decyl isobutyl ester	362	C22H34O4	1000308-94-2	72





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Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

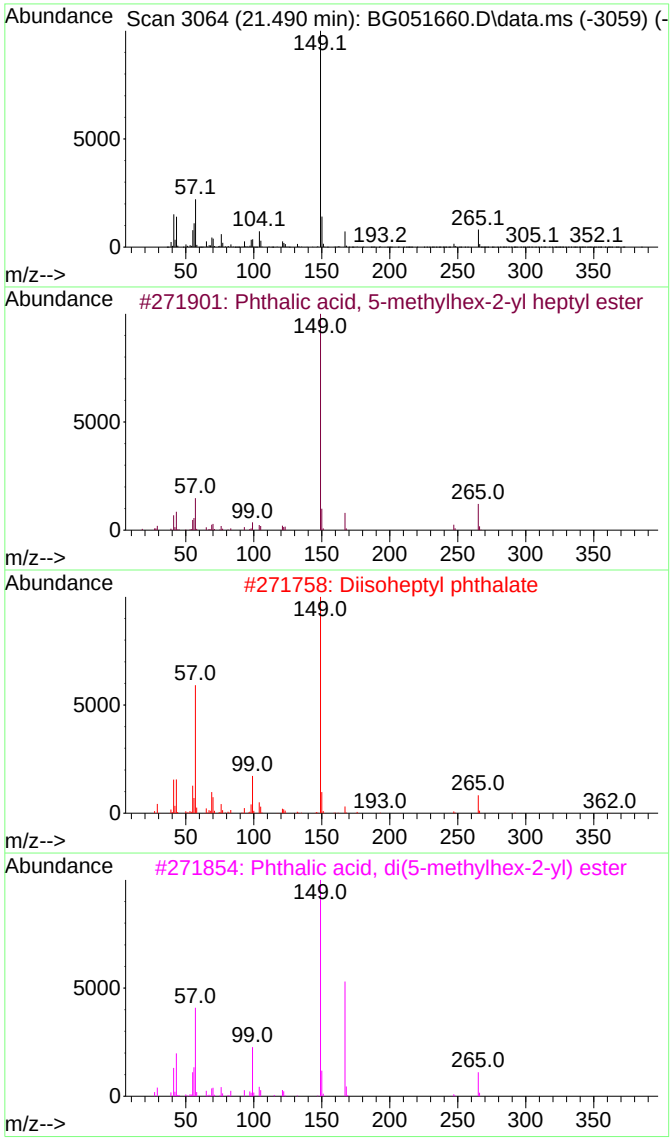
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

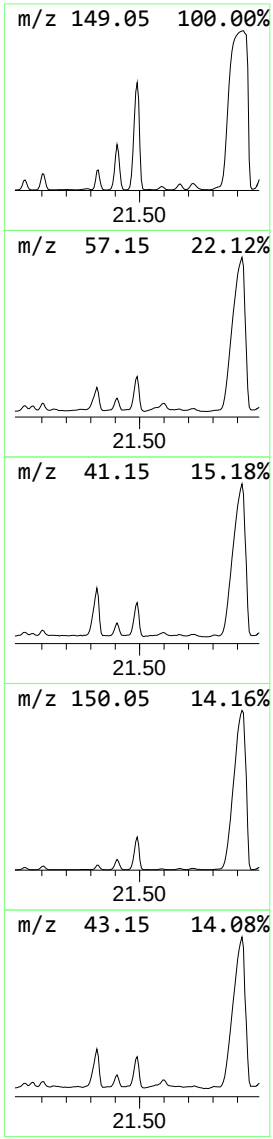
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Phthalic acid, 5-methylhex-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.490	80.64 ng/ul	7139440	Chrysene-d12	21.995

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 5-methylhex-2-yl ...	362	C22H34O4	1000371-08-7	86
2	Diisoheptyl phthalate	362	C22H34O4	090937-19-2	86
3	Phthalic acid, di(5-methylhex-2-...	362	C22H34O4	1010371-09-4	80
4	Phthalic acid, hept-2-yl isobuty...	320	C19H28O4	1000356-97-0	80
5	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	80





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Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

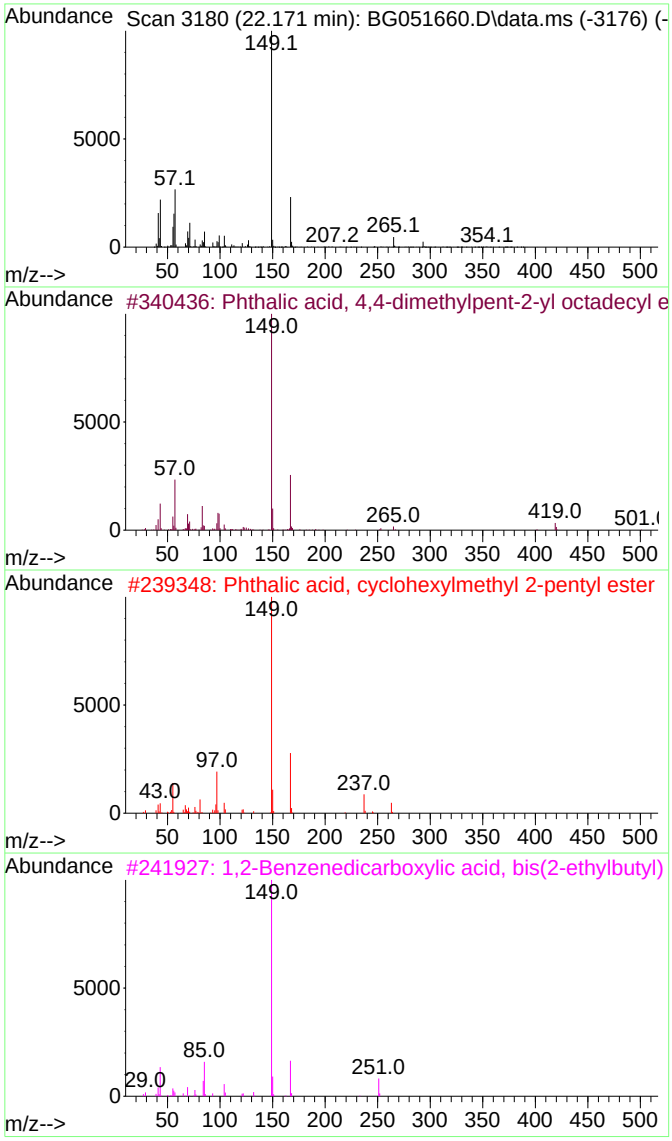
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

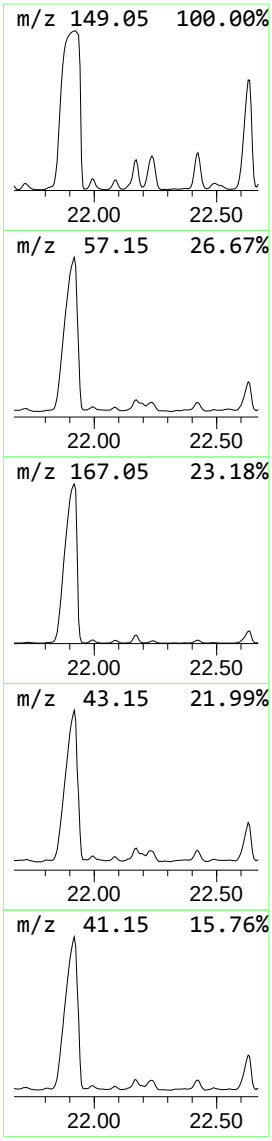
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Phthalic acid, 4,4-dimethyl... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.171	21.15 ng/ul	1872900	Chrysene-d12	21.995

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 4,4-dimethylpent-...	516	C33H56O4	1000371-12-8	59
2	Phthalic acid, cyclohexylmethyl ...	332	C20H28O4	1000315-55-5	59
3	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	007299-89-0	59
4	Phthalic acid, 5-methylhex-2-yl ...	502	C32H54O4	1000371-07-7	59
5	Phthalic acid, 3-fluorophenyl he...	484	C30H41FO4	1000356-66-4	59





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Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

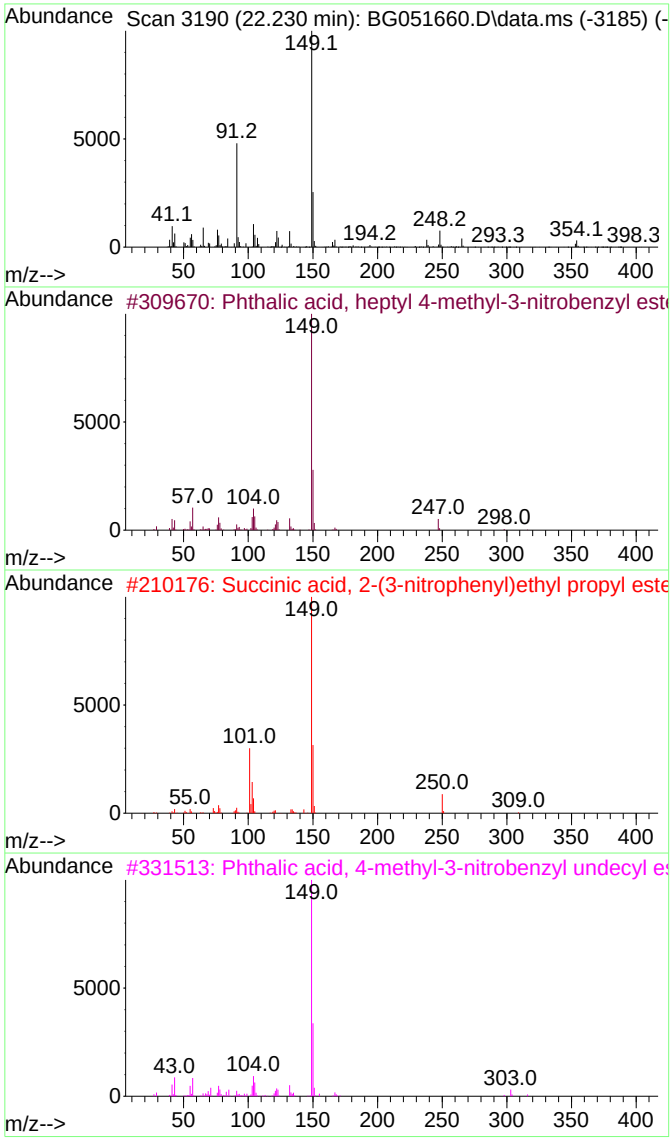
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

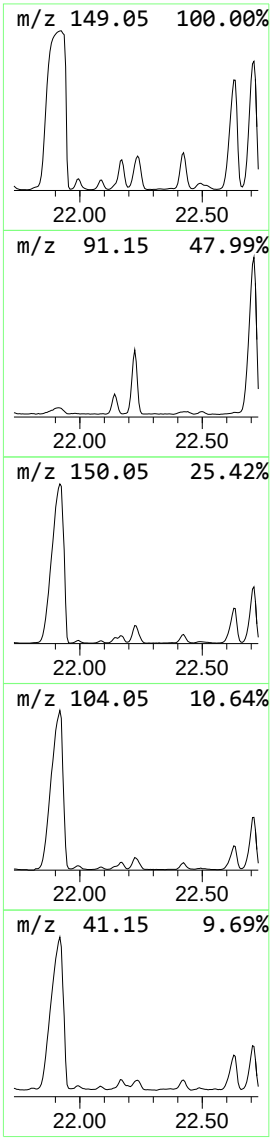
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Phthalic acid, heptyl 4-met... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.230	53.12 ng/ul	4702540	Chrysene-d12	21.995

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, heptyl 4-methyl-3...	413	C23H27NO6	1000382-58-5	72
2	Succinic acid, 2-(3-nitrophenyl)...	309	C15H19NO6	1000380-99-0	64
3	Phthalic acid, 4-methyl-3-nitrob...	469	C27H35NO6	1000382-58-9	64
4	Phthalic acid, 4-methyl-3-nitrob...	427	C24H29NO6	1000382-58-6	64
5	Phthalic acid, butyl 3-methylbut...	290	C17H22O4	1000315-44-7	59





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Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

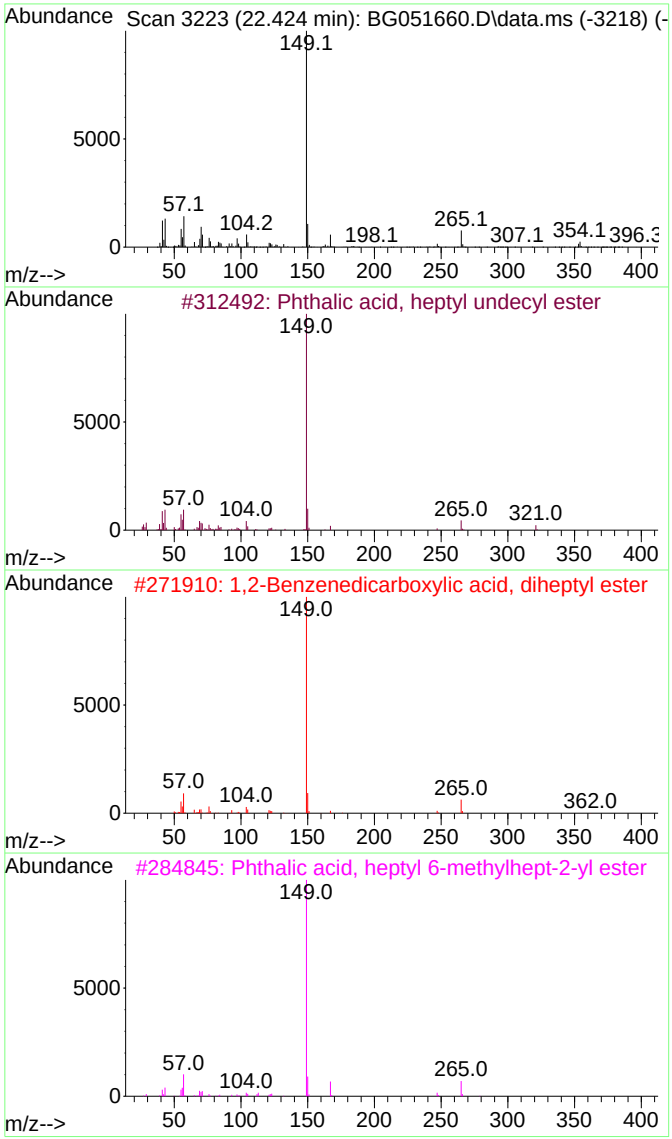
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

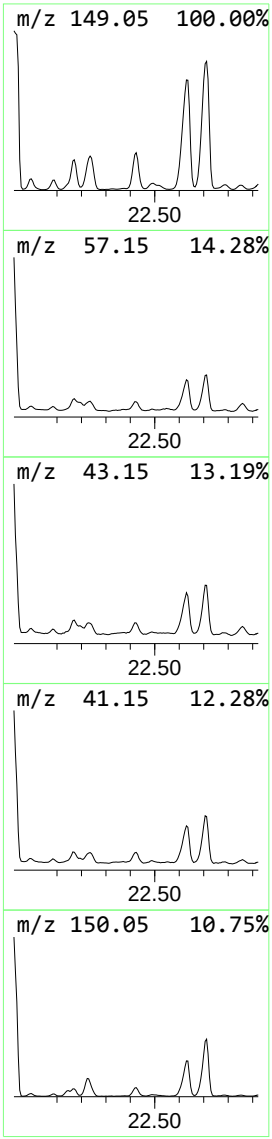
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Phthalic acid, heptyl undec... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.424	34.05 ng/ul	3014640	Chrysene-d12	21.995

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, heptyl undecyl ester	418	C26H42O4	1010308-94-0	87
2	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	86
3	Phthalic acid, heptyl 6-methylhe...	376	C23H36O4	1000377-96-1	86
4	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	86
5	Phthalic acid, 5-methylhex-2-yl ...	362	C22H34O4	1000371-08-7	86





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Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

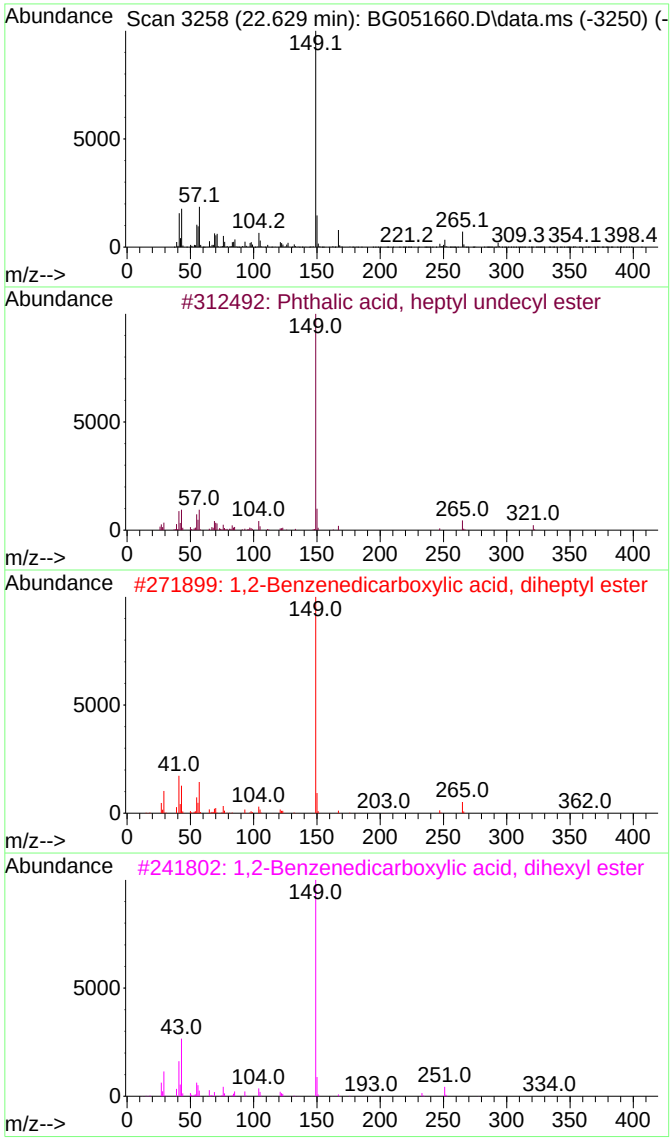
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

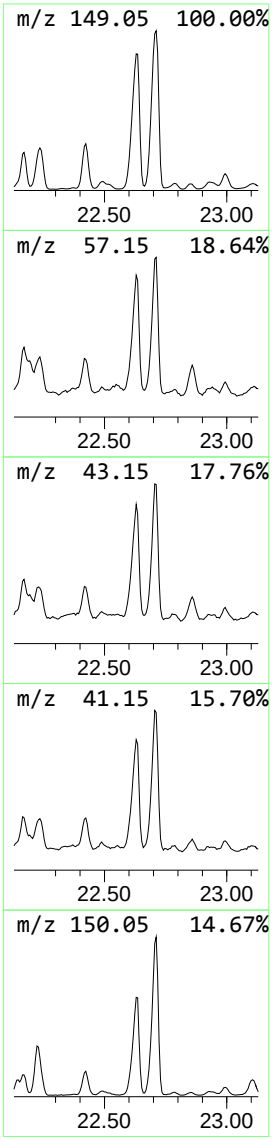
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Phthalic acid, 2-ethylhexyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.629	120.62 ng/ul	10679100	Chrysene-d12	21.995

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, heptyl undecyl ester	418	C26H42O4	1010308-94-0	87
2	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	86
3	1,2-Benzenedicarboxylic acid, di...	334	C20H30O4	000084-75-3	81
4	Phthalic acid, 2-ethylhexyl unde...	432	C27H44O4	1000308-97-4	80
5	Phthalic acid, heptyl octyl ester	376	C23H36O4	088216-58-4	78





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Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

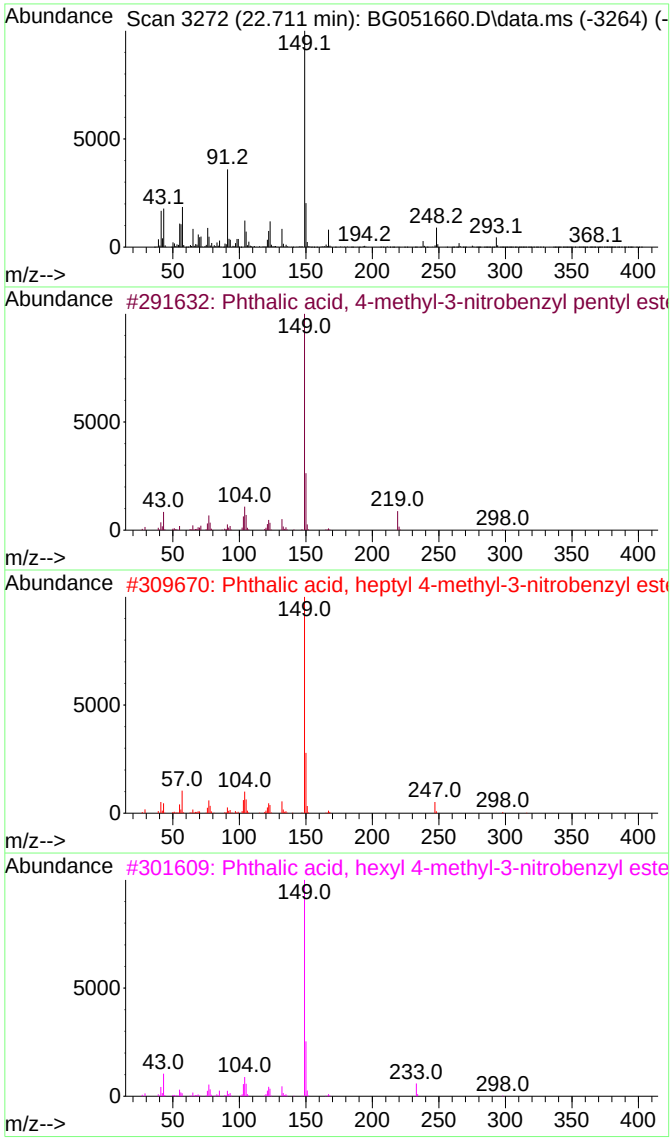
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

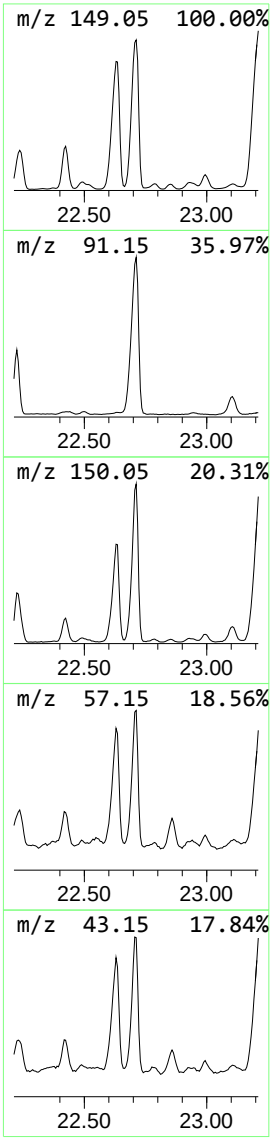
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Phthalic acid, 4-methyl-3-n... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.712	185.75 ng/ul	16444900	Chrysene-d12	21.995

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 4-methyl-3-nitrob...	385	C21H23NO6	1000382-58-3	59
2	Phthalic acid, heptyl 4-methyl-3...	413	C23H27NO6	1000382-58-5	59
3	Phthalic acid, hexyl 4-methyl-3-...	399	C22H25NO6	1000382-58-4	59
4	Benzyl butyl phthalate	312	C19H20O4	000085-68-7	53
5	Phthalic acid, ethyl pentyl ester	264	C15H20O4	1000308-93-6	50





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Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

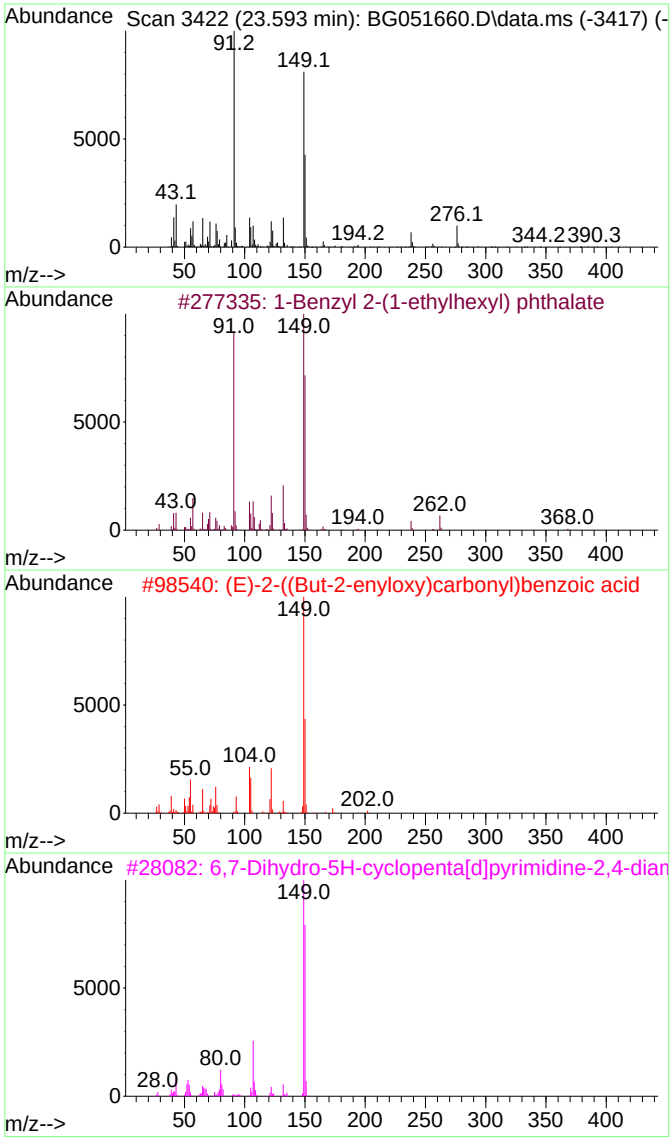
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

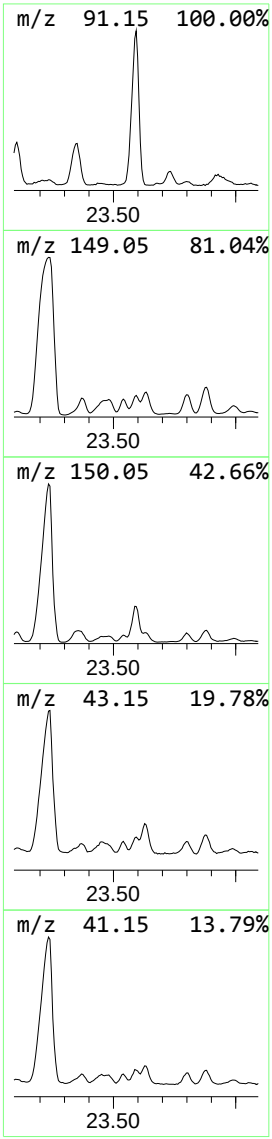
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 1-Benzyl 2-(1-ethylhexyl) p... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.593	25.72 ng/ul	2276880	Chrysene-d12	21.995

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Benzyl 2-(1-ethylhexyl) phthalate	368	C23H28O4	1000499-09-5	87
2	(E)-2-((But-2-enyloxy)carbonyl)b...	220	C12H12O4	855233-54-4	53
3	6,7-Dihydro-5H-cyclopenta[d]pyri...	150	C7H10N4	001899-39-4	50
4	Phthalic acid, 3-methyl-4-nitrob...	385	C21H23NO6	1000382-59-5	50
5	Phthalic acid, isobutyl 2-(2-nit...	371	C20H21NO6	1000377-99-3	50





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Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

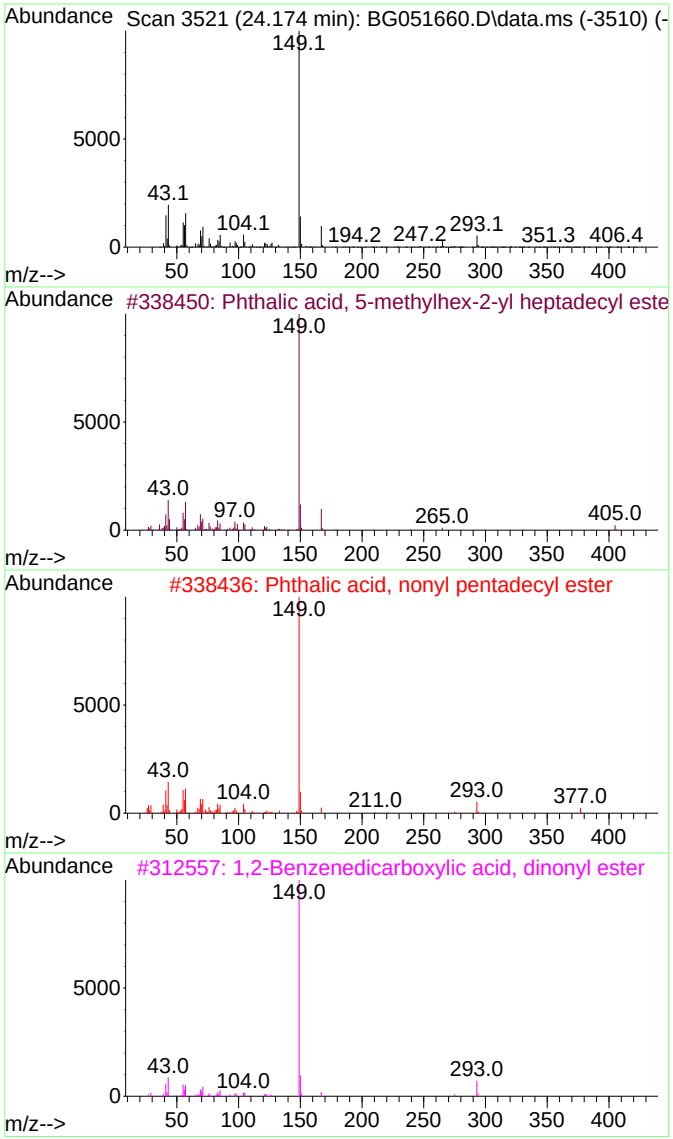
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

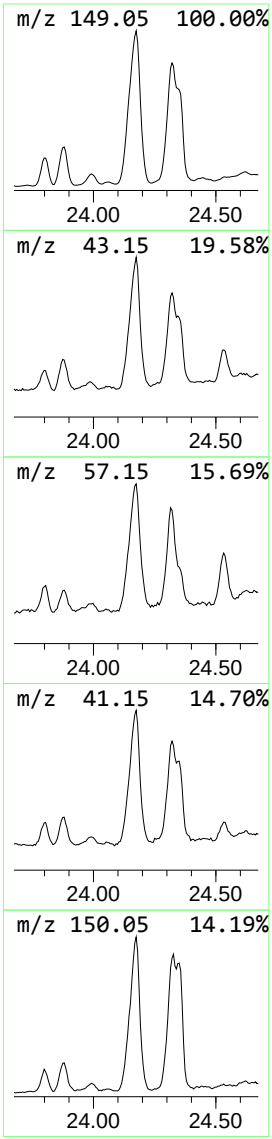
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Phthalic acid, nonyl pentad... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.174	27.73 ng/ul	14141900	Perylene-d12	25.549

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 5-methylhex-2-yl ...	502	C32H54O4	1000371-07-7	90
2	Phthalic acid, nonyl pentadecyl ...	502	C32H54O4	1000308-92-7	87
3	1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	86
4	Di-2-nonyl phthalate	418	C26H42O4	059431-96-8	83
5	1,2-Benzenedicarboxylic acid, de...	418	C26H42O4	000119-07-3	80





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Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

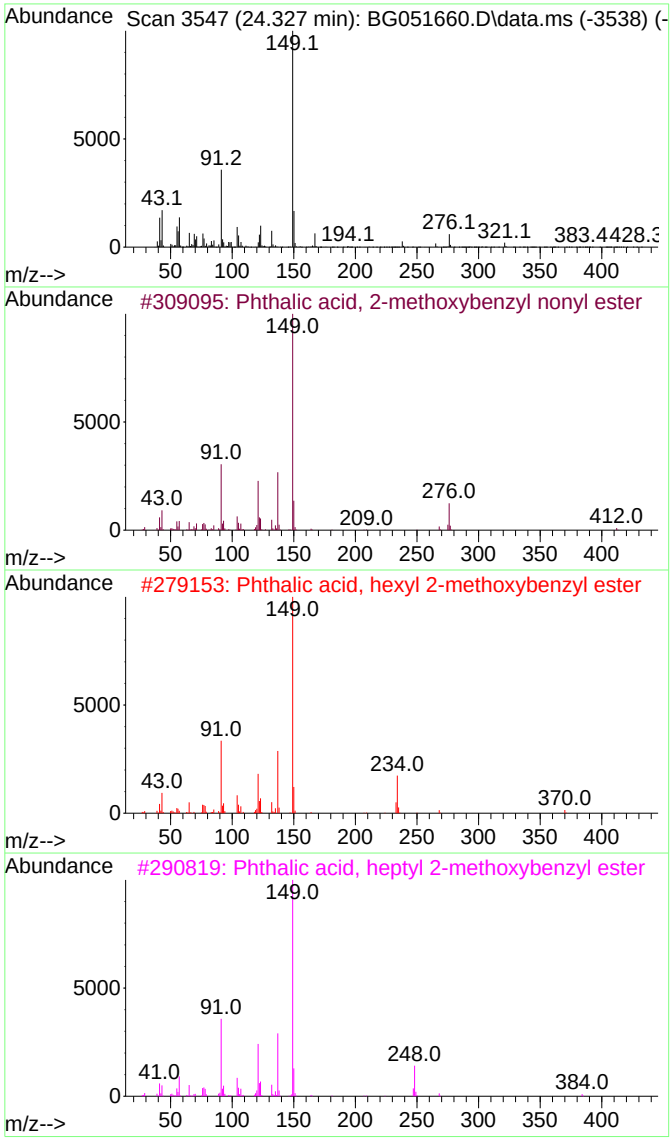
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

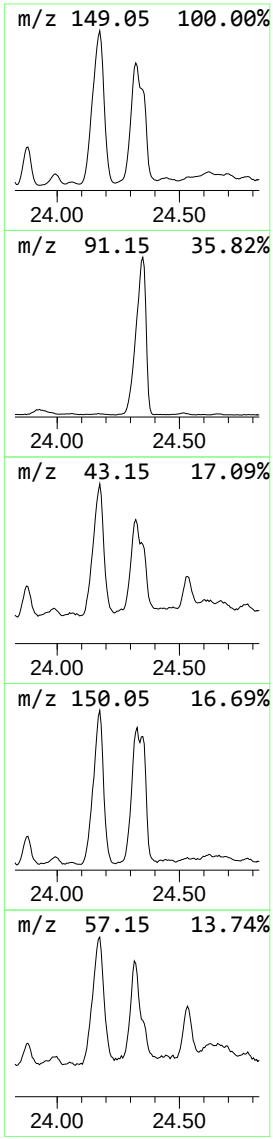
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 Phthalic acid, 2-methoxyben... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.327	19.63 ng/ul	10011400	Perylene-d12	25.549

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-methoxybenzyl n...	412	C25H32O5	1000382-49-8	72
2	Phthalic acid, hexyl 2-methoxybe...	370	C22H26O5	1000382-49-5	72
3	Phthalic acid, heptyl 2-methoxyb...	384	C23H28O5	1000382-49-6	72
4	Phthalic acid, isobutyl undecyl ...	376	C23H36O4	1010308-97-3	72
5	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	72





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Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

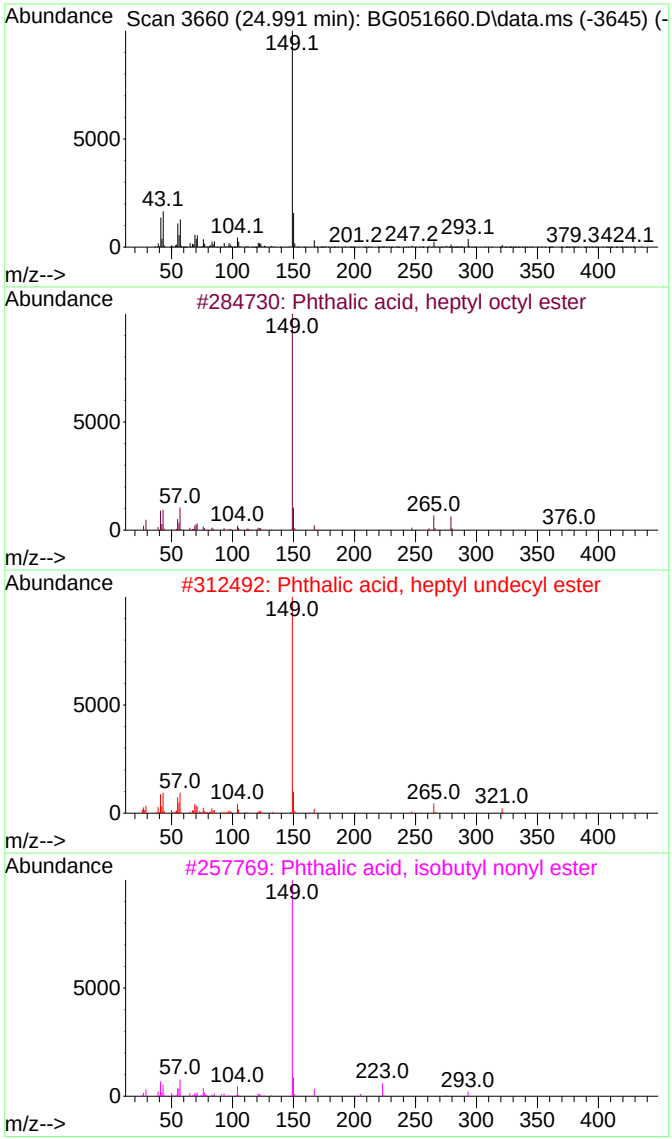
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

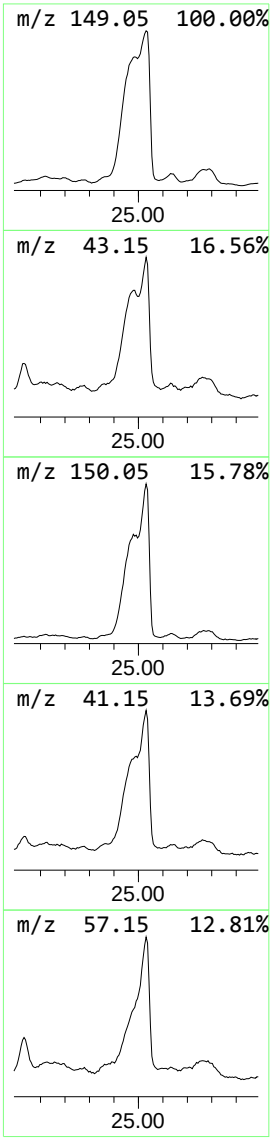
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Phthalic acid, heptyl octyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.991	28.85 ng/ul	14712800	Perylene-d12	25.549

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, heptyl octyl ester	376	C23H36O4	088216-58-4	87
2	Phthalic acid, heptyl undecyl ester	418	C26H42O4	1010308-94-0	87
3	Phthalic acid, isobutyl nonyl ester	348	C21H32O4	1000309-04-4	86
4	Didecyl phthalate	446	C28H46O4	000084-77-5	83
5	1,2-Benzenedicarboxylic acid, de...	418	C26H42O4	000119-07-3	83





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Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

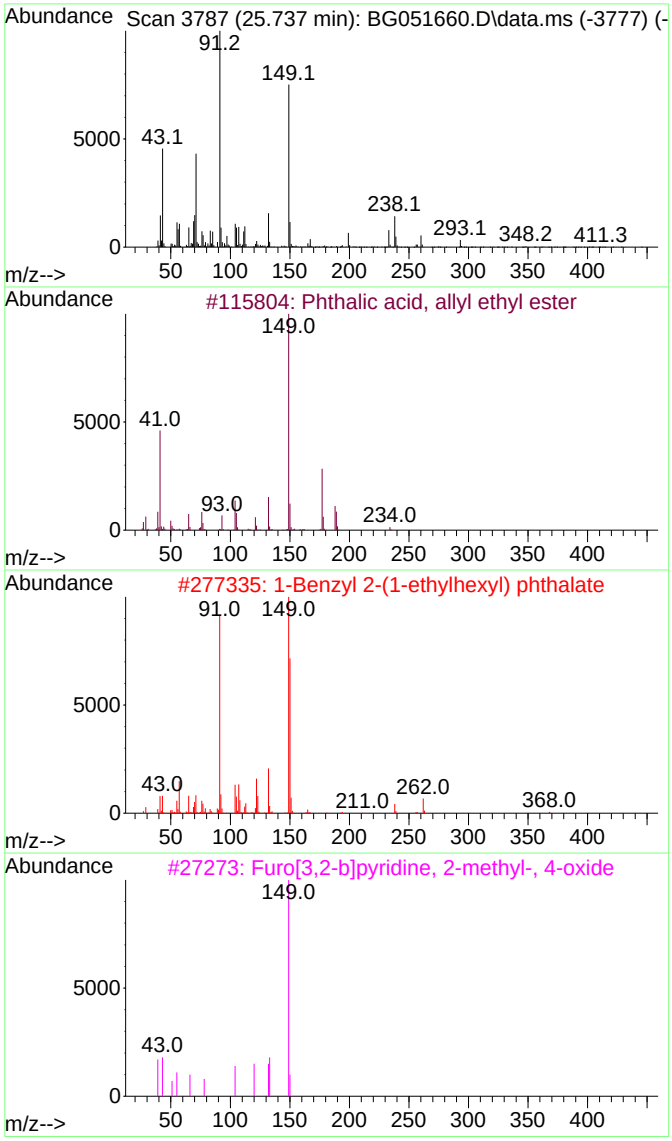
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

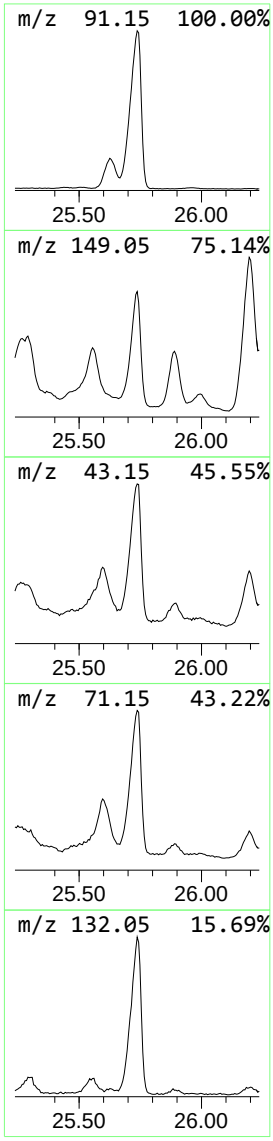
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 Phthalic acid, allyl ethyl ... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.737	20.00 ng/ul	10199100	Perylene-d12	25.549

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, allyl ethyl ester	234	C13H14O4	033672-94-5	55
2	1-Benzyl 2-(1-ethylhexyl) phthalate	368	C23H28O4	1000499-09-5	47
3	Furo[3,2-b]pyridine, 2-methyl-, ...	149	C8H7NO2	069022-83-9	43
4	Benzaldehyde, 3-(4-fluorophenoxy...	260	C15H13FO3	329222-88-0	43
5	Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

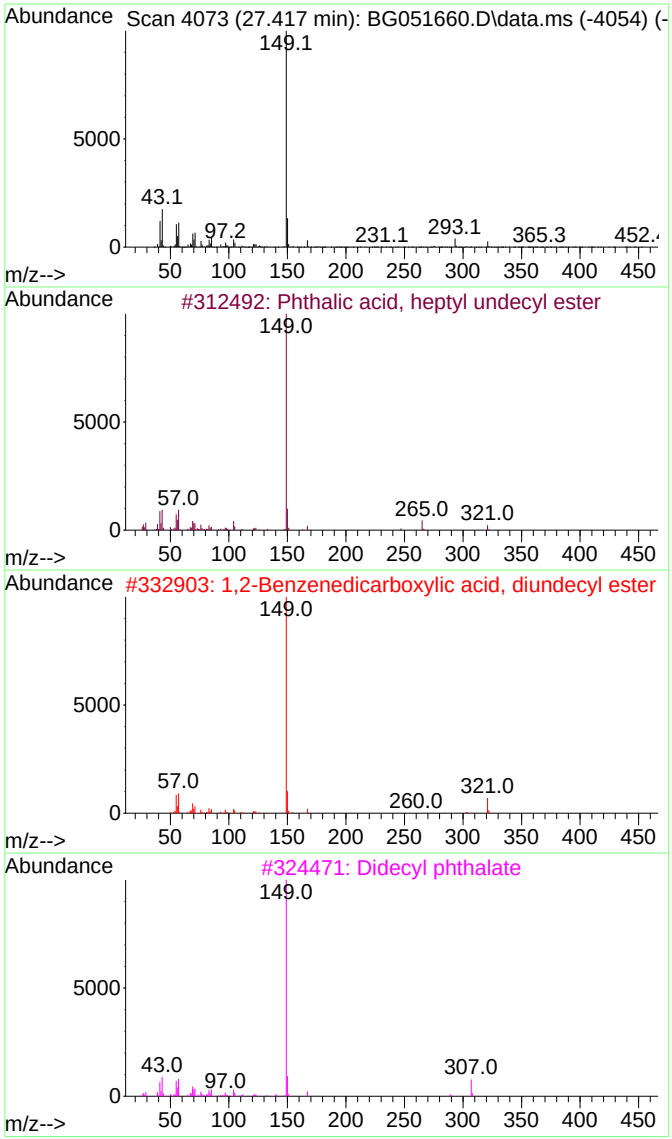
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

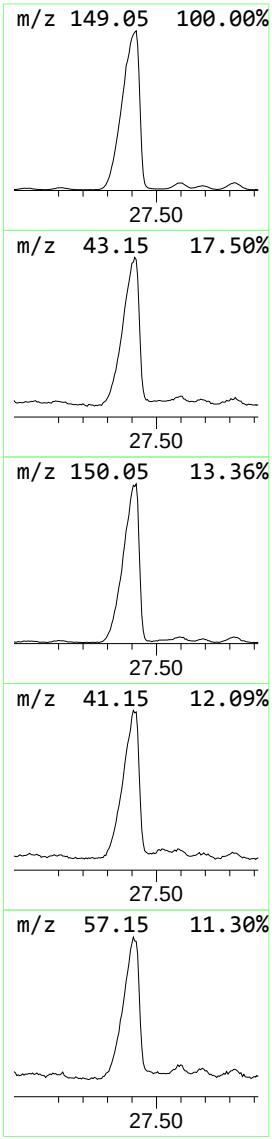
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 1,2-Benzenedicarboxylic aci... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.417	34.63 ng/ul	17658900	Perylene-d12	25.549

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, heptyl undecyl ester	418	C26H42O4	1010308-94-0	87
2	1,2-Benzenedicarboxylic acid, di...	474	C30H50O4	003648-20-2	87
3	Didecyl phthalate	446	C28H46O4	000084-77-5	83
4	Phthalic acid, decyl nonyl ester	432	C27H44O4	1000308-89-8	83
5	Phthalic acid, hexyl tridecyl ester	432	C27H44O4	1000308-99-1	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051660.D
Acq On : 19 Dec 2021 12:23
Operator : CG/JU
Sample : M5153-05
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL70

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.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
(DEL) Alkane: S...	7.250	5.8	ng/ul	126302	1	8.272	432713	20.0
(DEL) Alkane: S...	9.512	6.7	ng/ul	145426	1	8.272	432713	20.0
(DEL) Alkane: S...	11.938	4.6	ng/ul	115003	2	11.110	497547	20.0
(DEL) Alkane: S...	12.120	13.2	ng/ul	327624	2	11.110	497547	20.0
(DEL) Alkane: S...	13.395	9.1	ng/ul	295650	3	14.910	648150	20.0
(DEL) Alkane: S...	13.448	15.8	ng/ul	513025	3	14.910	648150	20.0
unknown-01	13.718	14.9	ng/ul	482954	3	14.910	648150	20.0
(DEL) Alkane: S...	14.117	3.6	ng/ul	117335	3	14.910	648150	20.0
Octyl tetracosy...	14.382	18.2	ng/ul	591075	3	14.910	648150	20.0
Cyclododecanone...	14.752	13.3	ng/ul	429875	3	14.910	648150	20.0
Naphthalene, 2,...	15.128	16.0	ng/ul	519578	3	14.910	648150	20.0
Benzene, (1-but...	15.186	12.7	ng/ul	410646	3	14.910	648150	20.0
Naphthalene, 1,...	15.527	20.7	ng/ul	670453	3	14.910	648150	20.0
Naphthalene, 1,...	15.574	12.7	ng/ul	411432	3	14.910	648150	20.0
unknown-02	15.703	47.9	ng/ul	1552400	3	14.910	648150	20.0
Diglycolic acid...	16.162	57.9	ng/ul	1875720	3	14.910	648150	20.0
Diglycolic acid...	16.244	18.5	ng/ul	599953	3	14.910	648150	20.0
Benzene, (1,1-d...	16.320	47.6	ng/ul	1372800	4	17.665	577325	20.0
Benzene, (1,1-d...	16.361	24.7	ng/ul	712760	4	17.665	577325	20.0
Benzene, 2-ethy...	16.532	31.4	ng/ul	907214	4	17.665	577325	20.0
(DEL) Alkane: S...	16.631	67.5	ng/ul	1948580	4	17.665	577325	20.0
m-Aminobenzamidine	16.731	33.3	ng/ul	961948	4	17.665	577325	20.0
Benzene, (1,1,4...	16.808	21.7	ng/ul	625987	4	17.665	577325	20.0
N-(m-Toluoyl)gl...	16.884	17.5	ng/ul	504371	4	17.665	577325	20.0
(DEL) Alkane: S...	17.454	41.1	ng/ul	1185430	4	17.665	577325	20.0
Octicizer	21.325	202.3	ng/ul	17906400	5	21.995	1770700	20.0
1,2-Benzenedica...	21.407	26.4	ng/ul	2339310	5	21.995	1770700	20.0
Phthalic acid, ...	21.490	80.6	ng/ul	7139440	5	21.995	1770700	20.0
Phthalic acid, ...	22.171	21.1	ng/ul	1872900	5	21.995	1770700	20.0
Phthalic acid, ...	22.230	53.1	ng/ul	4702540	5	21.995	1770700	20.0
Phthalic acid, ...	22.424	34.0	ng/ul	3014640	5	21.995	1770700	20.0
Phthalic acid, ...	22.629	120.6	ng/ul	10679100	5	21.995	1770700	20.0
Phthalic acid, ...	22.712	185.8	ng/ul	16444900	5	21.995	1770700	20.0
1-Benzyl 2-(1-e...	23.593	25.7	ng/ul	2276880	5	21.995	1770700	20.0
Phthalic acid, ...	24.174	27.7	ng/ul	14141900	6	25.549	10199100	20.0
Phthalic acid, ...	24.327	19.6	ng/ul	10011400	6	25.549	10199100	20.0
Phthalic acid, ...	24.991	28.9	ng/ul	14712800	6	25.549	10199100	20.0
Phthalic acid, ...	25.737	20.0	ng/ul	10199100	6	25.549	10199100	20.0
1,2-Benzenedica...	27.417	34.6	ng/ul	17658900	6	25.549	10199100	20.0