LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051366.D
Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGKQ4

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-BG112321.M
Title : SVOA CALIBRATION

Signal : TIC: BG051366.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.961	77	80	90	rBV	40689	72682	1.76%	0.342%
2	5.659	362	369	375	rVV	382349	631329	15.28%	2.971%
3	5.794	384	392	408	rVB	1099480	2243258	54.28%	10.558%
4	6.106	438	445	449	rVV2	15443	27877	0.67%	0.131%
5	6.170	449	456	464	rVV	291583	478495	11.58%	2.252%
6	6.423	491	499	505	rBV5	12605	37173	0.90%	0.175%
7	6.535	512	518	525	rVB3	10675	19666	0.48%	0.093%
8	6.658	527	539	543	rBV7	17740	52261	1.26%	0.246%
9	6.699	543	546	551	rVB	16288	22818	0.55%	0.107%
10	6.793	556	562	569	rVB4	28412	60546	1.47%	0.285%
11	7.046	597	605	610	rVV4	9874	25505	0.62%	0.120%
12	7.146	616	622	628	rVV2	42336	80615	1.95%	0.379%
13	7.257	635	641	646	rVV	36410	61373	1.49%	0.289%
14	7.316	646	651	654	rVV3	38875	73473	1.78%	0.346%
15	7.357	654	658	670	rVB2	115410	277678	6.72%	1.307%
16	7.510	675	684	689	rBV	93257	167563	4.05%	0.789%
17	7.563	689	693	699	rVB	39848	63662	1.54%	0.300%
18	7.727	714	721	727	rBV	119184	203754	4.93%	0.959%
19	7.827	732	738	745	rVB	194279	318999	7.72%	1.501%
20	8.051	770	776	778	rBV	21332	39230	0.95%	0.185%
21	8.080	778	781	786	rVB	22913	32899	0.80%	0.155%
22	8.133	786	790	795	rVB	33752	49916	1.21%	0.235%
23	8.197	795	801	813	rVB2	115515	258259	6.25%	1.215%
24	8.303	813	819	825	rBV3	81467	166181	4.02%	0.782%
25	8.409	831	837	841	rBV8	9389	19628	0.47%	0.092%
26	8.456	841	845	853	rVB2	16698	30683	0.74%	0.144%
27	8.562	858	863	872	rVB	59470	105899	2.56%	0.498%
28	8.673	876	882	886	rBV3	34647	68619	1.66%	0.323%
29	8.732	886	892	901	rVB2	132972	255654	6.19%	1.203%
30	8.820	901	907	914	rBV2	130460	240992	5.83%	1.134%
31	8.914	914	923	930	rVV	141797	262518	6.35%	1.235%
32	8.991	931	936	939	rVV	31779	53726	1.30%	0.253%
33	9.026	939	942	948	rVV5	26439	43974	1.06%	0.207%
34	9.138	957	961	966	rVV	46085	70356	1.70%	0.331%
35	9.190	966	970	976	rVB	65416	106254	2.57%	0.500%
36	9.290	976	987	994	rBV	92337	170790	4.13%	0.804%

LSC Area Percent Report

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Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

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-BG112321.M
Title : SVOA CALIBRATION

37	9.373	994	1001	1010	rBV	134544	261152	6.32%	1.229%
38	9.537	1016	1029	1035	rBV7	40302	111788	2.71%	0.526%
39	9.637	1040	1046	1050	rVV4	27194	60119	1.45%	0.283%
40	9.678	1051	1053	1061	rVB5	19640	30863	0.75%	0.145%
41	9.766	1061	1068	1072	rBV8	7700	19051	0.46%	0.090%
42	9.825	1072	1078	1083	rVB	53501	89189	2.16%	0.420%
43	9.884	1083	1088	1093	rBV	63578	108618	2.63%	0.511%
44	10.101	1111	1125	1134	rBV4	116150	262430	6.35%	1.235%
45	10.189	1134	1140	1149	rBV5	40549	98245	2.38%	0.462%
46	10.407	1170	1177	1182	rVV	30378	53454	1.29%	0.252%
47	10.460	1182	1186	1191	rVB4	16019	26161	0.63%	0.123%
48	10.653	1212	1219	1231	rVB	152052	306295	7.41%	1.442%
49	10.765	1231	1238	1247	rBV	118417	208282	5.04%	0.980%
50	10.888	1254	1259	1263	rBV6	9391	18021	0.44%	0.085%
51	11.024	1272	1282	1287	rVV	165049	342738	8.29%	1.613%
52	11.071	1287	1290	1296	rVV	83168	147216	3.56%	0.693%
53	11.165	1296	1306	1319	rVB2	108582	276735	6.70%	1.302%
54	11.699	1391	1397	1409	rVB10	13024	34945	0.85%	0.164%
55	11.993	1441	1447	1452	rBV	29504	46213	1.12%	0.217%
56	12.387	1509	1514	1519	rBV5	12249	22381	0.54%	0.105%
57	12.598	1543	1550	1556	rVB8	12159	26536	0.64%	0.125%
58	12.669	1556	1562	1568	rBV	25526	44906	1.09%	0.211%
59	12.786	1577	1582	1591	rVB2	15323	28737	0.70%	0.135%
60	12.886	1591	1599	1606	rBV	46843	83801	2.03%	0.394%
61	13.186	1643	1650	1655	rBV5	13874	30699	0.74%	0.144%
62	13.274	1657	1665	1669	rBV6	13389	20826	0.50%	0.098%
63	13.327	1669	1674	1679	rBV	33722	48014	1.16%	0.226%
64	13.615	1713	1723	1727	rBV7	23016	57207	1.38%	0.269%
65	14.002	1783	1789	1796	rVB7	17926	36742	0.89%	0.173%
66	14.143	1808	1813	1818	rVV4	31025	65049	1.57%	0.306%
67	14.220	1820	1826	1831	rVV	289422	462164	11.18%	2.175%
68	14.267	1831	1834	1838	rVB2	46531	62514	1.51%	0.294%
69	14.308	1838	1841	1847	rBV3	11542	21527	0.52%	0.101%
70	14.525	1872	1878	1887	rBV	325343	575996	13.94%	2.711%
71	14.643	1893	1898	1902	rBV2	36173	55103	1.33%	0.259%
72	14.831	1924	1930	1936	rVB	268890	424523	10.27%	1.998%
73	15.031	1958	1964	1965	rBV3	23785	42954	1.04%	0.202%
74	15.060	1965	1969	1976	rVV2	58995	114560	2.77%	0.539%
75	15.183	1986	1990	1992	rBV4	23044	37554	0.91%	0.177%
76	15.295	2005	2009	2018	rVB5	48601	81906	1.98%	0.385%

LSC Area Percent Report

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Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Title : SVOA CALIBRATION

77	15.436	2028	2033	2035	rBV4	27683	49713	1.20%	0.234%
78	15.601	2056	2061	2071	rBV6	68154	164064	3.97%	0.772%
79	15.742	2081	2085	2090	rVB2	50226	74534	1.80%	0.351%
80	15.824	2093	2099	2111	rBV	395882	677924	16.40%	3.191%
81	16.247	2169	2171	2176	rVB3	40382	52911	1.28%	0.249%
82	16.423	2198	2201	2208	rVB2	35300	49797	1.21%	0.234%
83	16.511	2213	2216	2219	rBV	72607	97030	2.35%	0.457%
84	16.635	2231	2237	2241	rBV2	161604	273763	6.62%	1.288%
85	16.693	2242	2247	2253	rVV3	218199	398086	9.63%	1.874%
86	16.752	2253	2257	2261	rVV	207133	297526	7.20%	1.400%
87	16.799	2262	2265	2269	rVB2	97136	129312	3.13%	0.609%
88	16.958	2287	2292	2297	rVB4	134669	250840	6.07%	1.181%
89	17.022	2299	2303	2306	rBV	135001	176176	4.26%	0.829%
90	17.093	2312	2315	2328	rVB3	98961	215538	5.22%	1.014%
91	17.581	2393	2398	2403	rBV	268850	415014	10.04%	1.953%
92	17.681	2410	2415	2421	rVB	368578	557737	13.50%	2.625%
93	18.203	2501	2504	2510	rVB3	49256	74030	1.79%	0.348%
94	18.991	2635	2638	2643	rBV2	64791	82041	1.99%	0.386%
95	19.537	2728	2731	2736	rVB	89966	122238	2.96%	0.575%
96	19.819	2777	2779	2783	rVB	60134	65462	1.58%	0.308%
97	19.960	2798	2803	2809	rBV	421003	628634	15.21%	2.959%
98	20.847	2951	2954	2959	rVB	99714	121613	2.94%	0.572%
99	21.723	3097	3103	3113	rVB	2921501	4132488	100.00%	19.449%
100	21.887	3126	3131	3140	rVB	229370	401935	9.73%	1.892%

Sum of corrected areas: 21247925

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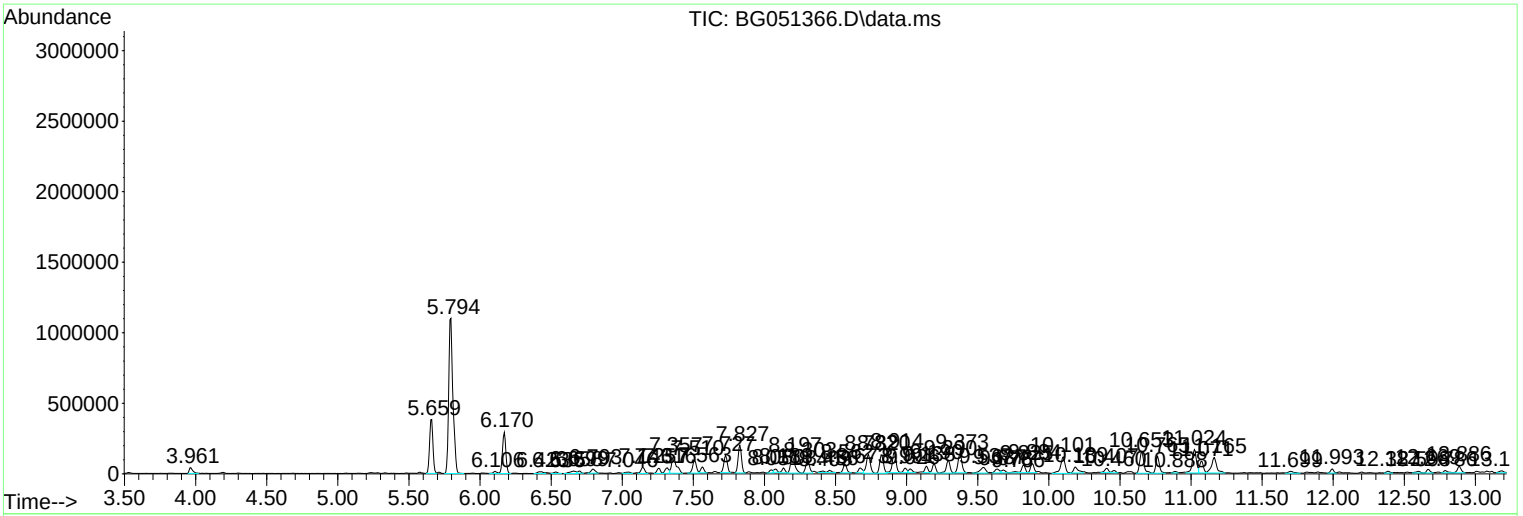
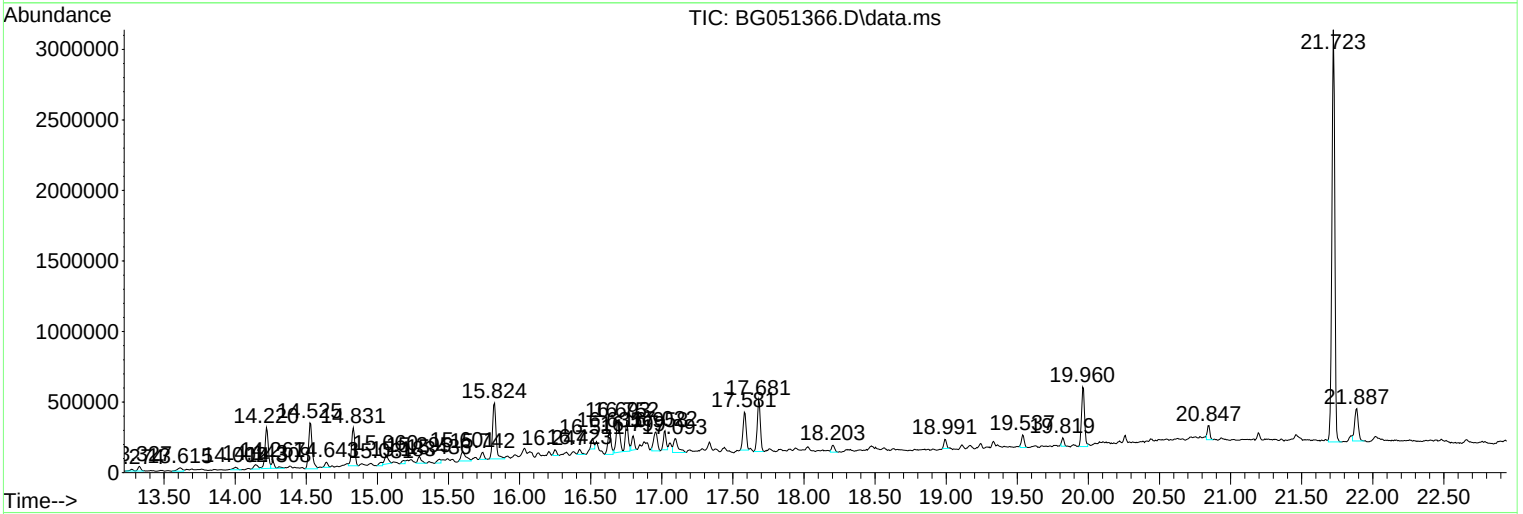
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

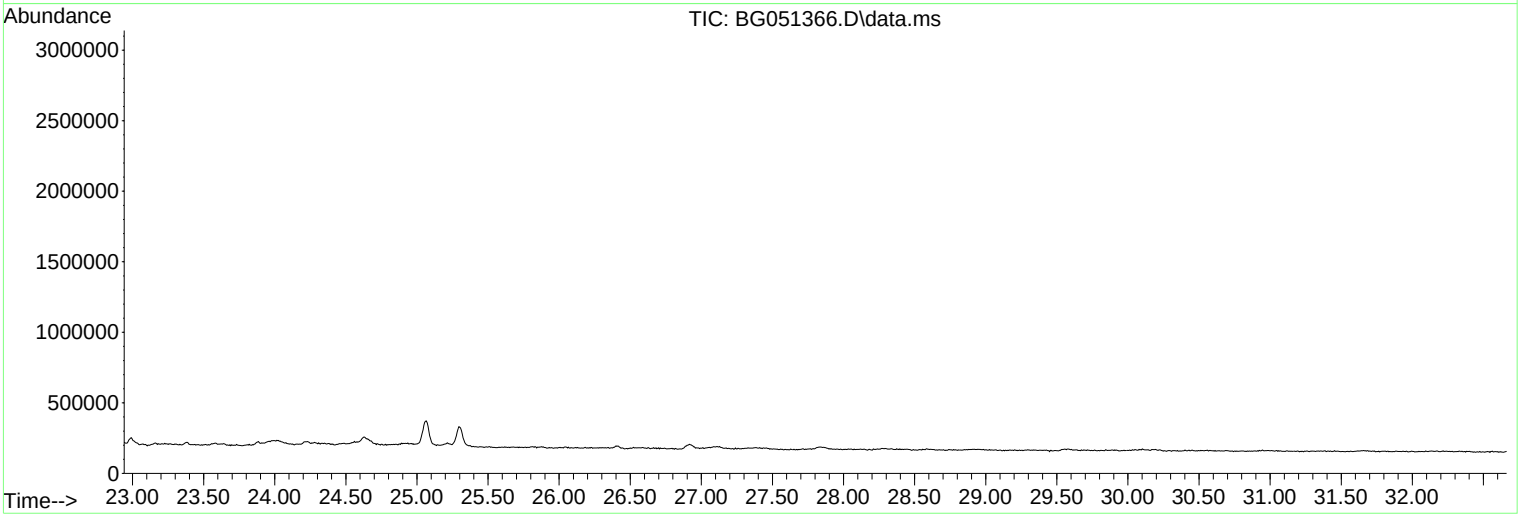
Instrument :
BNA_G
ClientSampleId :
BGKQ4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051366.D
Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

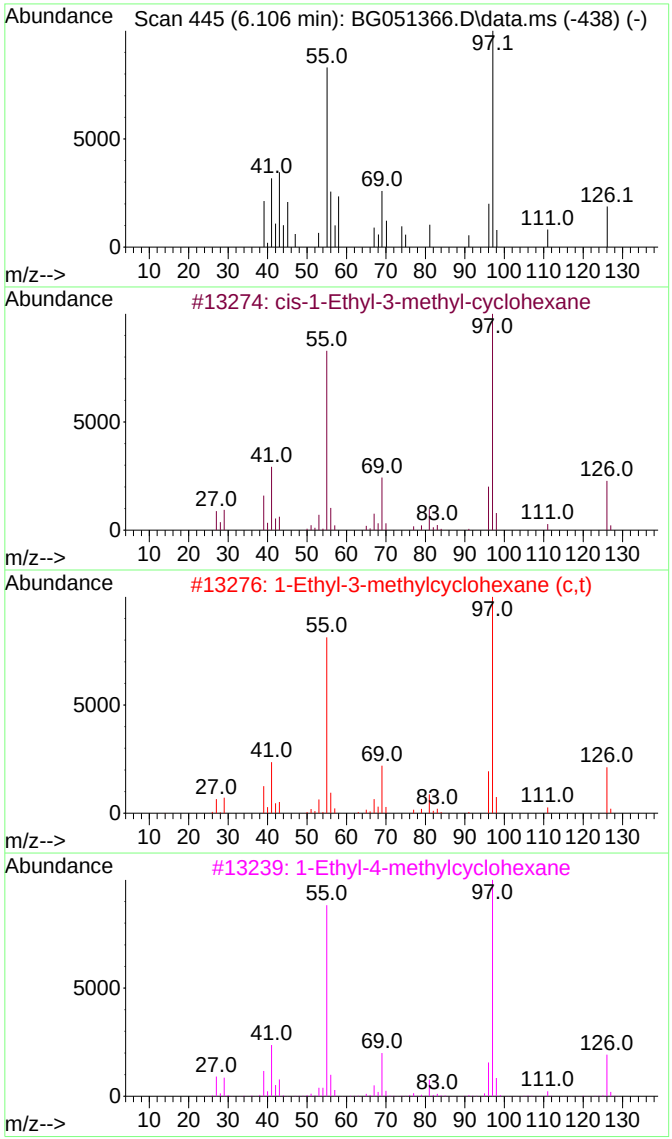
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

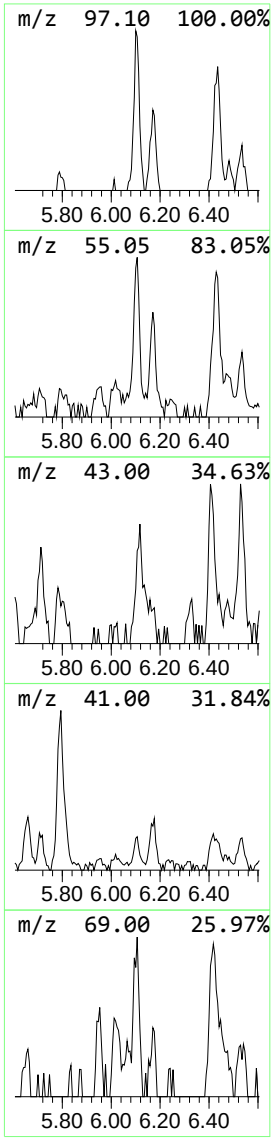
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic6.106 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.106	2.16 ng/ul	27877	1,4-Dichlorobenzene-d4	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	62
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	62
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	62
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051366.D
Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

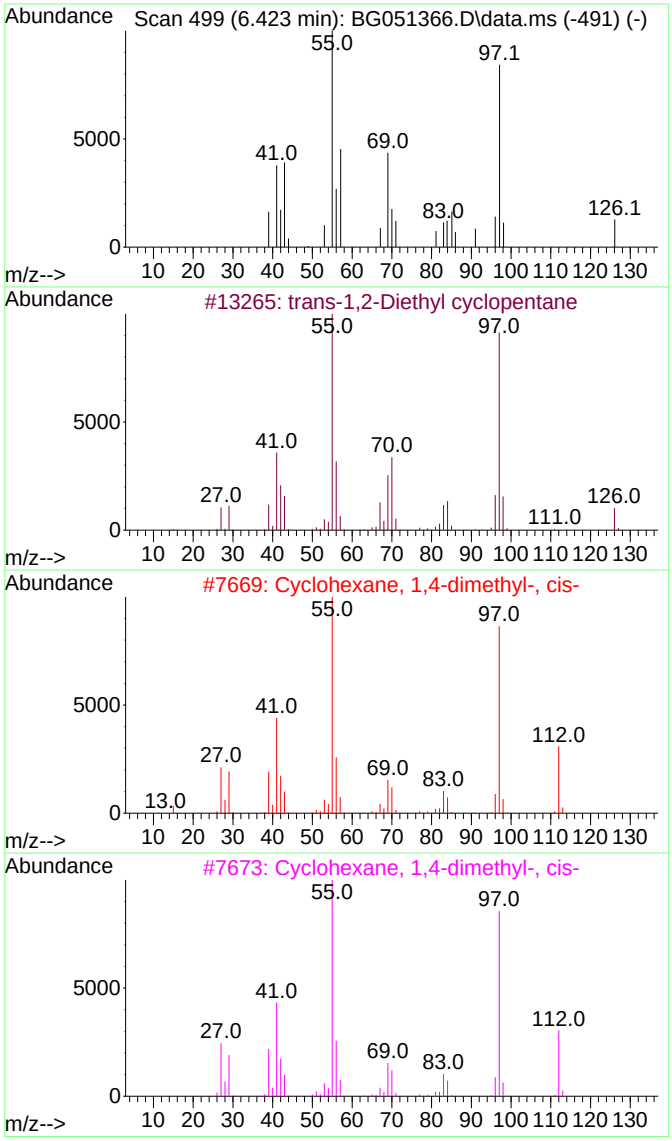
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

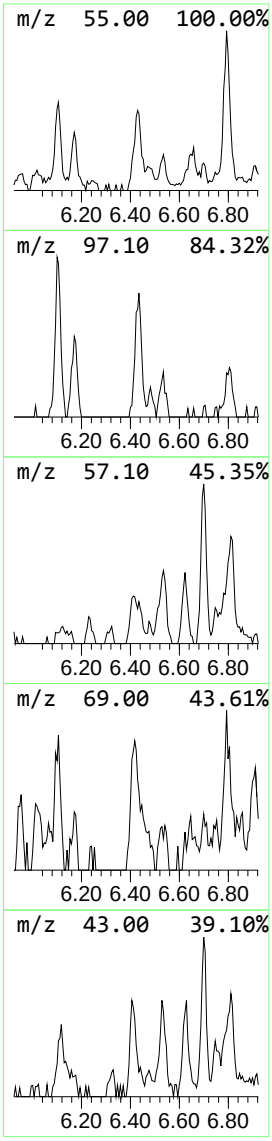
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic6.423 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.423	2.88 ng/ul	37173	1,4-Dichlorobenzene-d4	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	80
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	72
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	64
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	64
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051366.D
Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

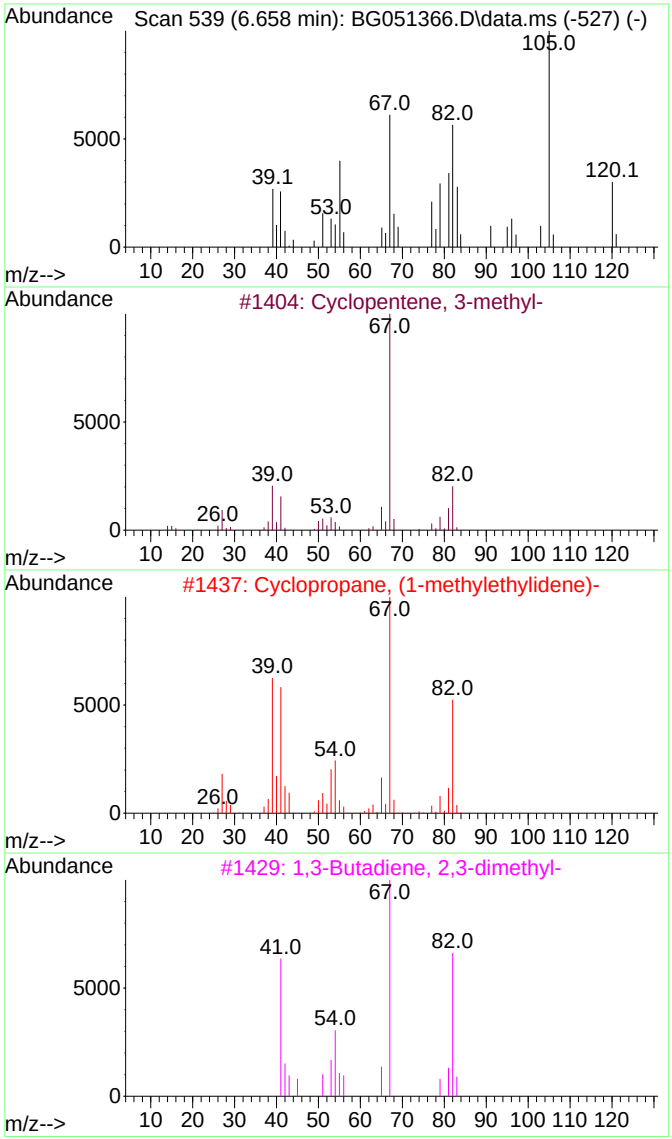
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

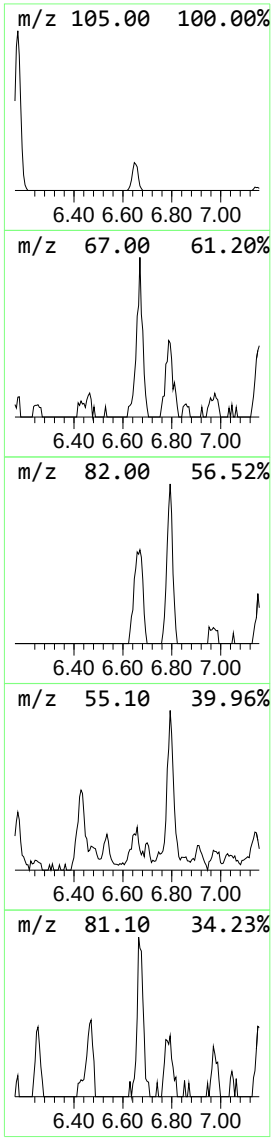
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.658	4.05 ng/ul	52261	1,4-Dichlorobenzene-d4	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	27
2	Cyclopropane, (1-methylethylidene)-	82	C6H10	004741-86-0	27
3	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	27
4	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	25
5	2,4-Hexadiene	82	C6H10	000592-46-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051366.D
Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

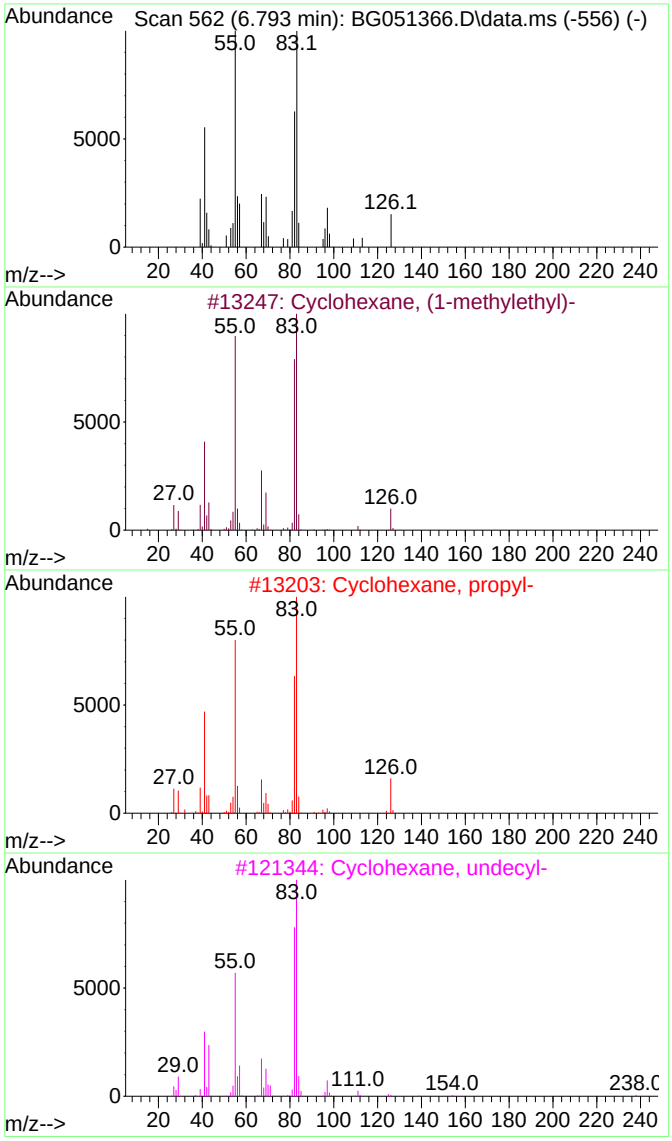
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

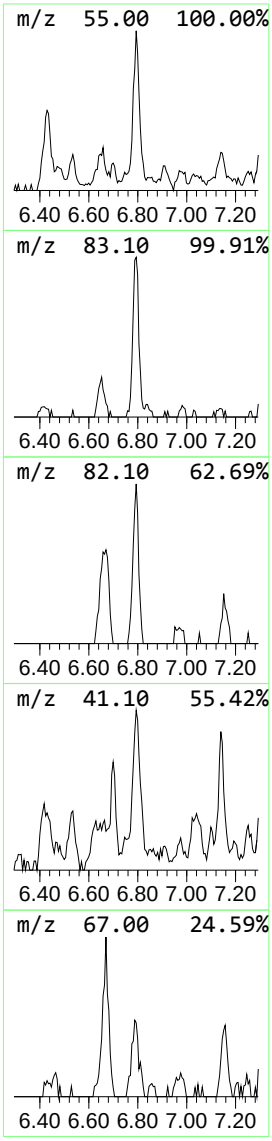
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic6.793 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.793	4.69 ng/ul	60546	1,4-Dichlorobenzene-d4	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	80
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	72
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051366.D
Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

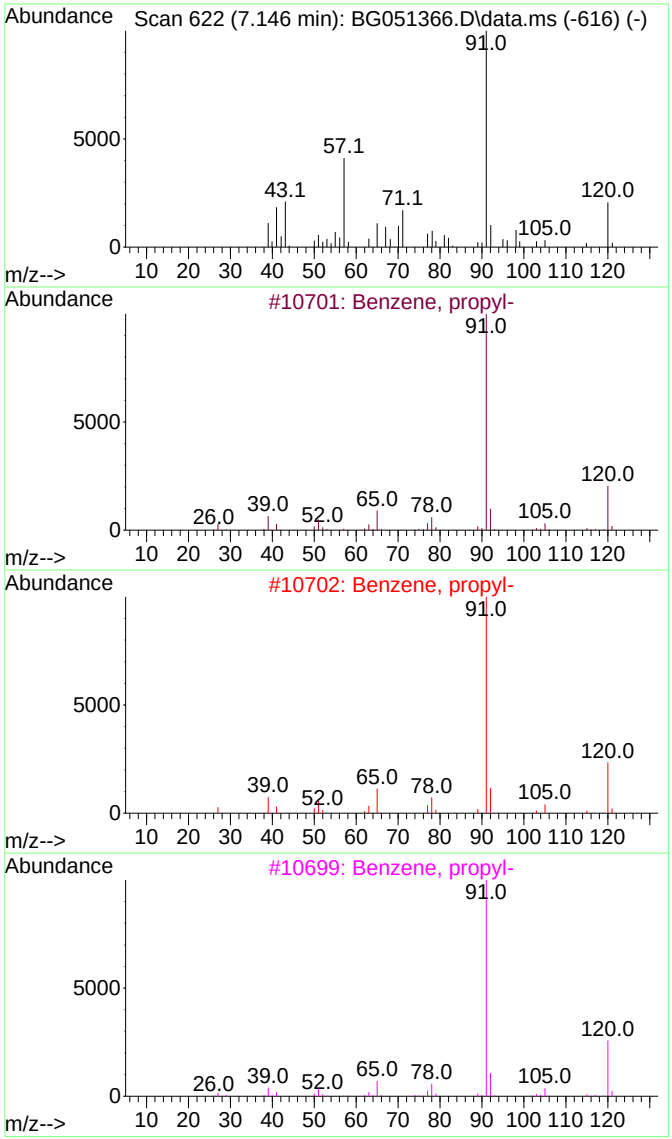
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

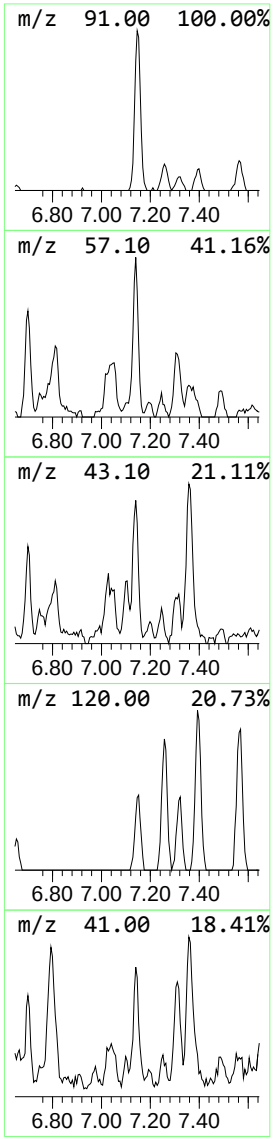
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, propyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.146	6.24 ng/ul	80615	1,4-Dichlorobenzene-d4	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	55
2	Benzene, propyl-	120	C9H12	000103-65-1	55
3	Benzene, propyl-	120	C9H12	000103-65-1	46
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	43
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	43





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Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

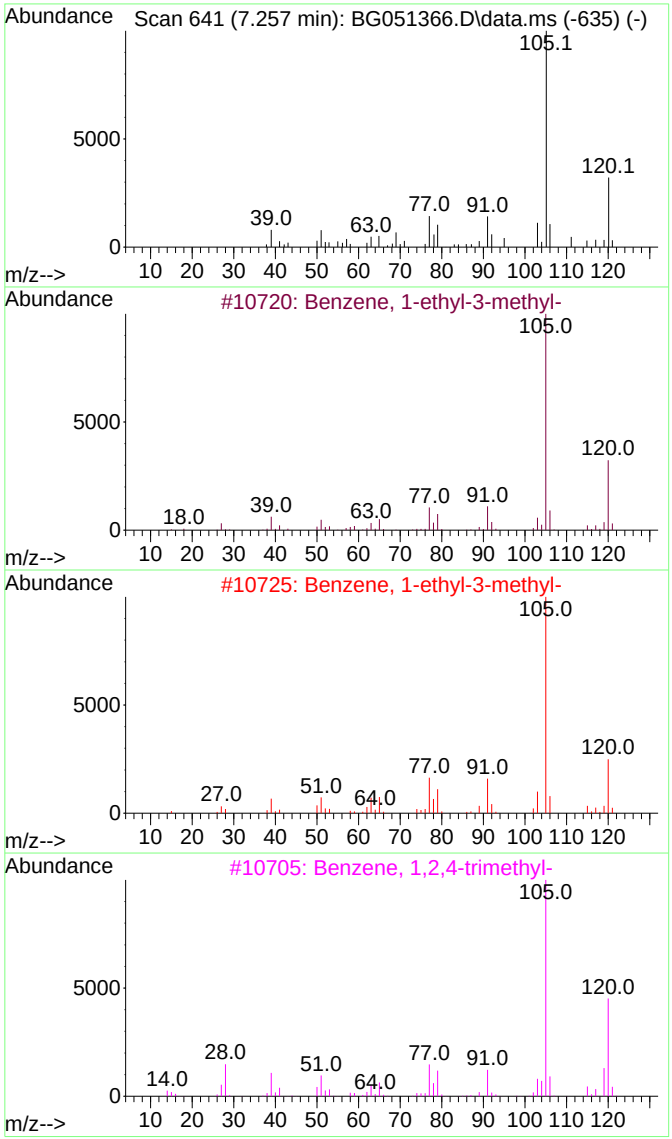
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

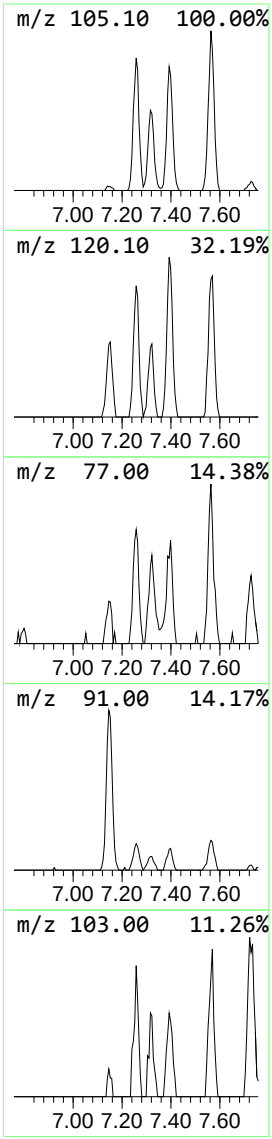
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.257	4.75 ng/ul	61373	1,4-Dichlorobenzene-d4	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





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Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

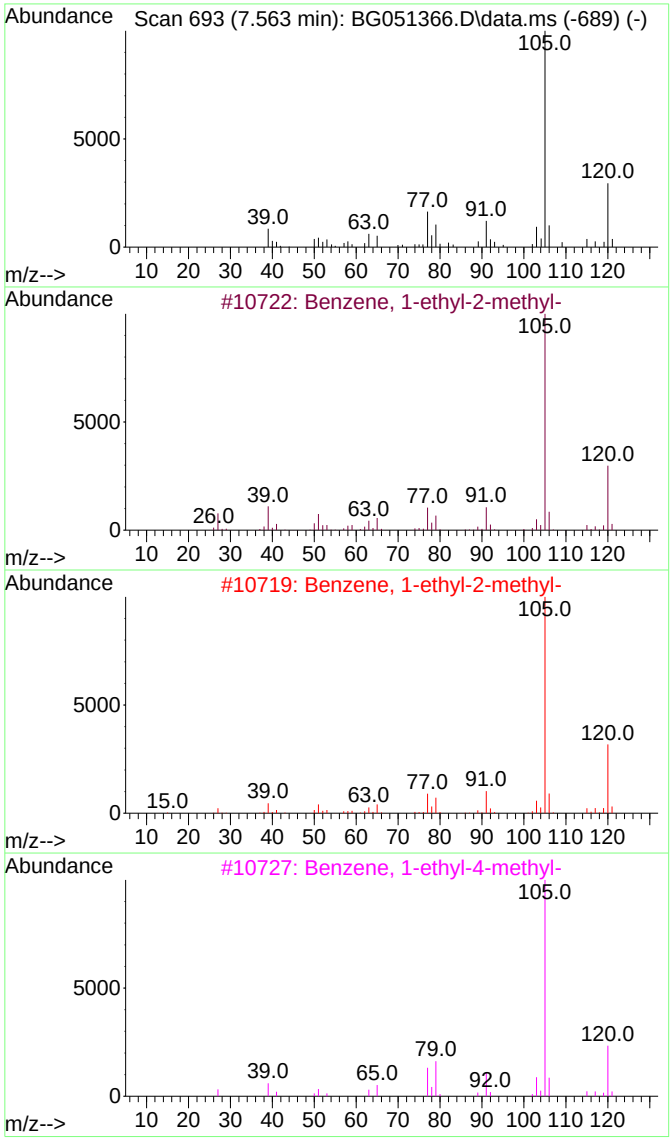
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

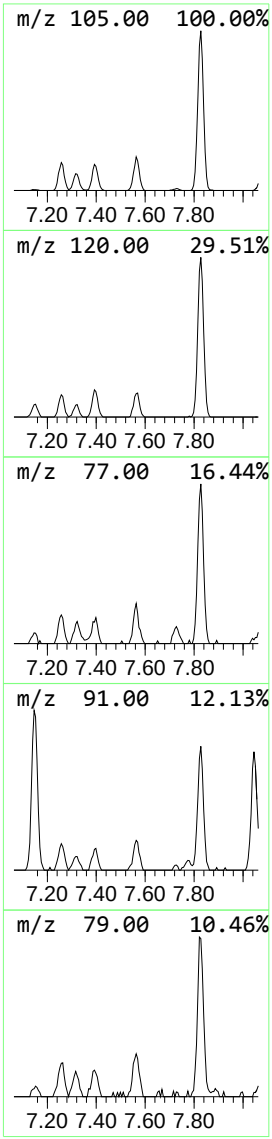
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.563	4.93 ng/ul	63662	1,4-Dichlorobenzene-d4	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

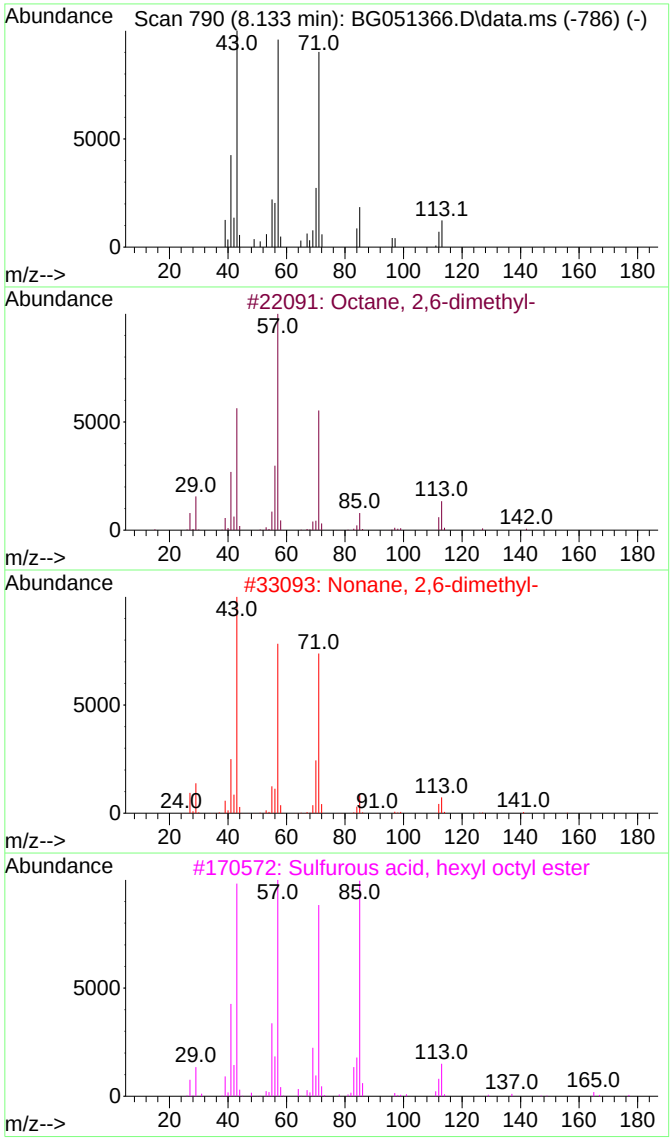
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

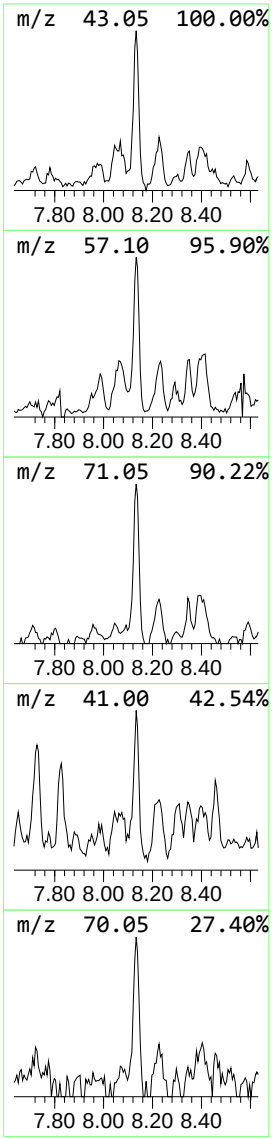
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.133	3.87 ng/ul	49916	1,4-Dichlorobenzene-d4	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
3	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	64
4	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	64
5	Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	64





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Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

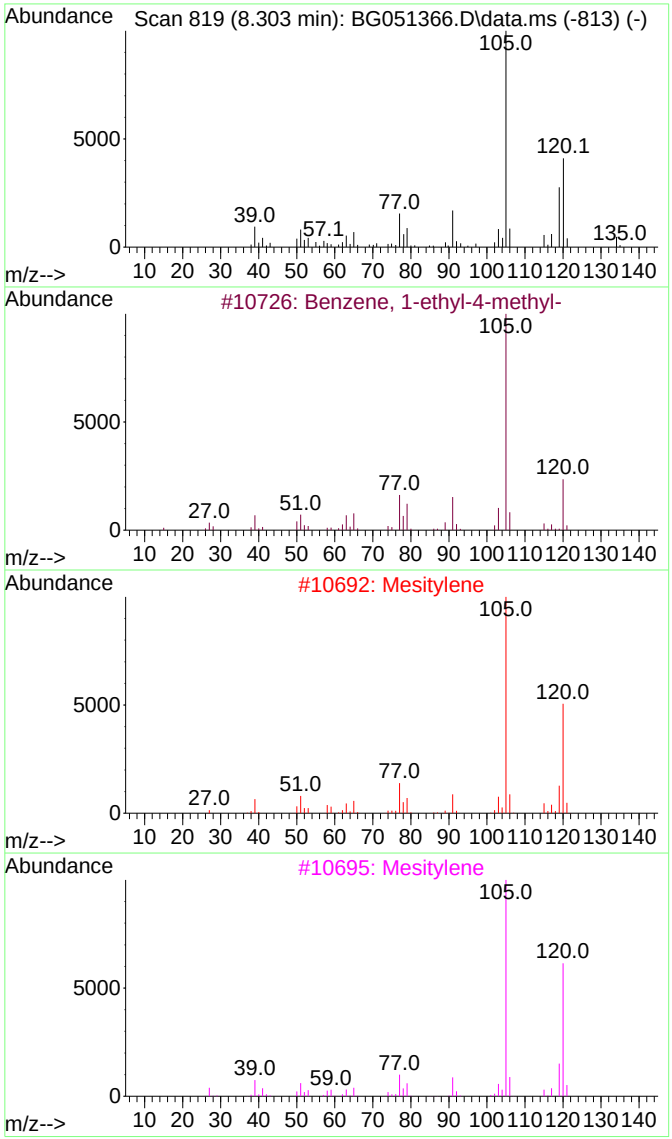
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

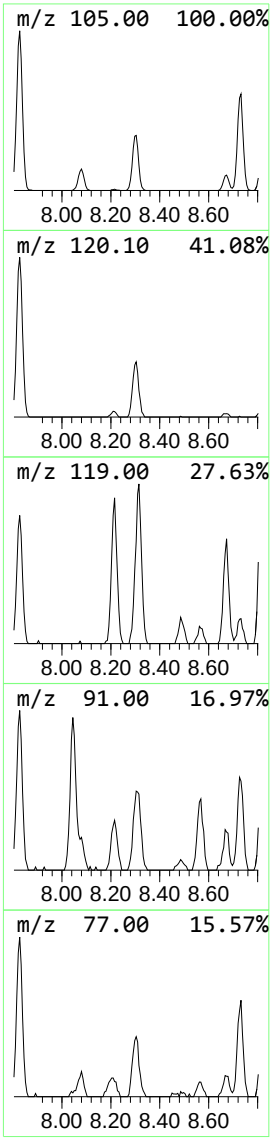
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethyl-4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.303	12.87 ng/ul	166181	1,4-Dichlorobenzene-d4	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2	Mesitylene	120	C9H12	000108-67-8	87
3	Mesitylene	120	C9H12	000108-67-8	87
4	Mesitylene	120	C9H12	000108-67-8	83
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	83





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Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

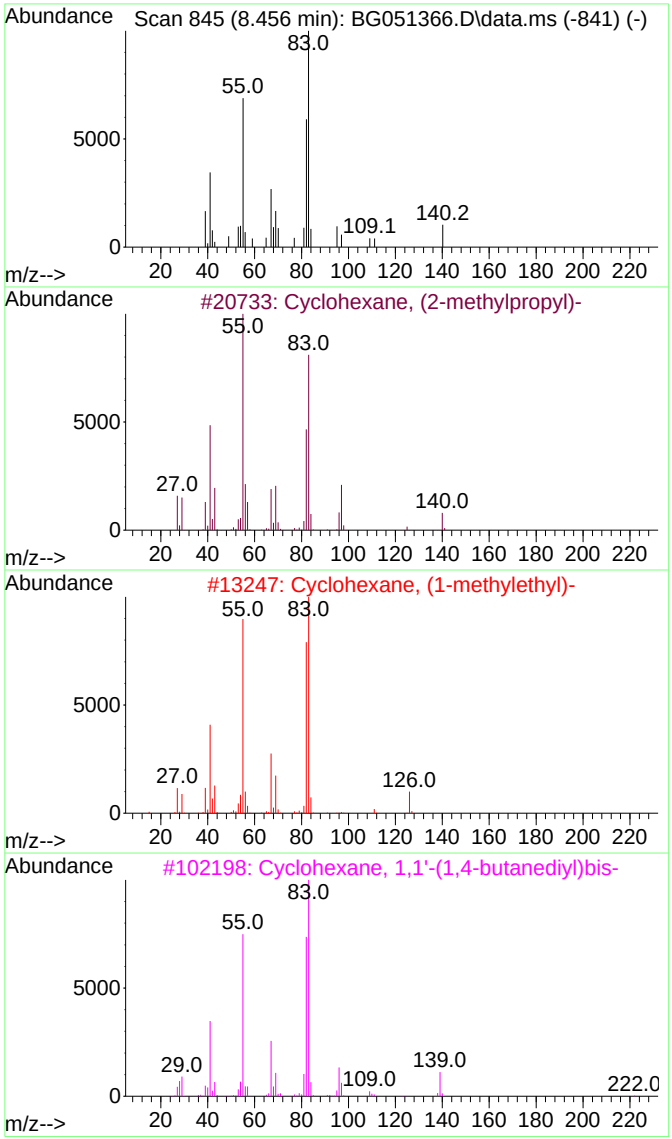
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

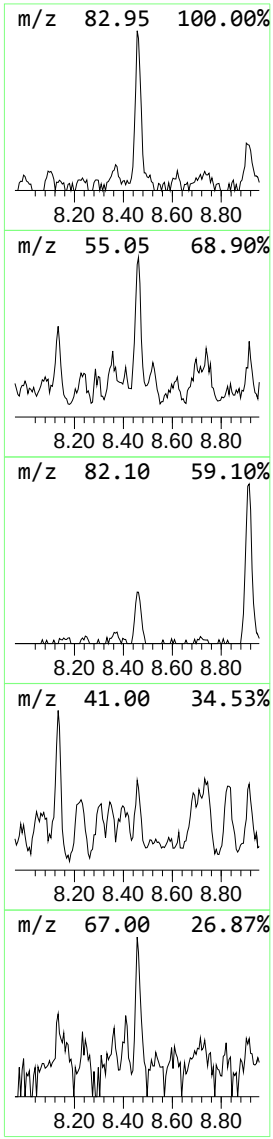
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic8.456 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.456	2.38 ng/ul	30683	1,4-Dichlorobenzene-d4	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
3	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	64
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	64





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Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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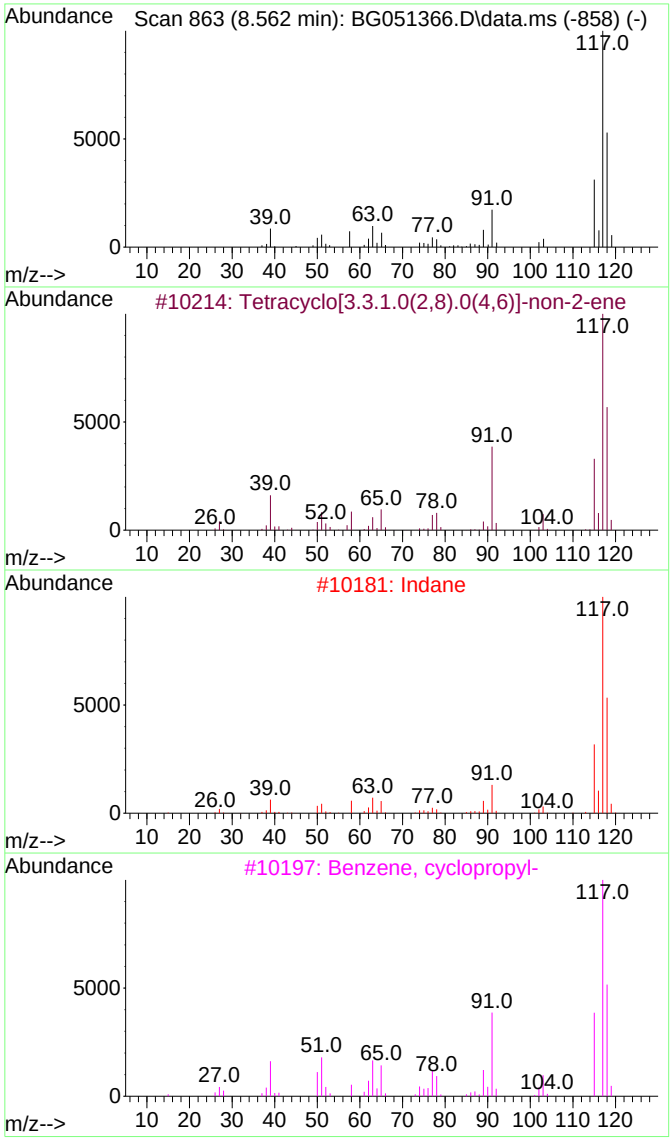
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

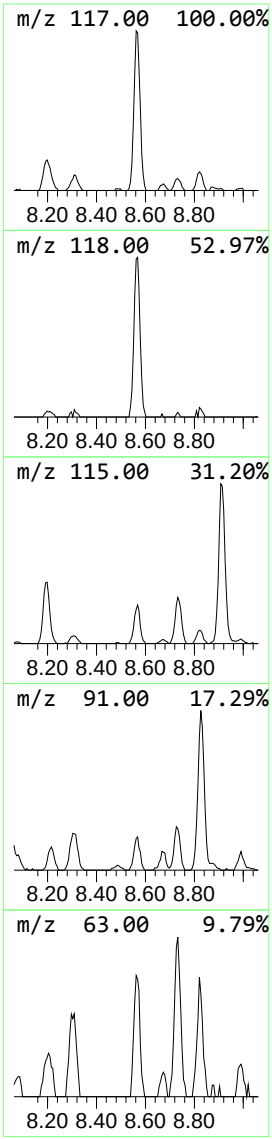
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.562	8.20 ng/ul	105899	1,4-Dichlorobenzene-d4	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	87
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Indane	118	C9H10	000496-11-7	72
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68





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Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

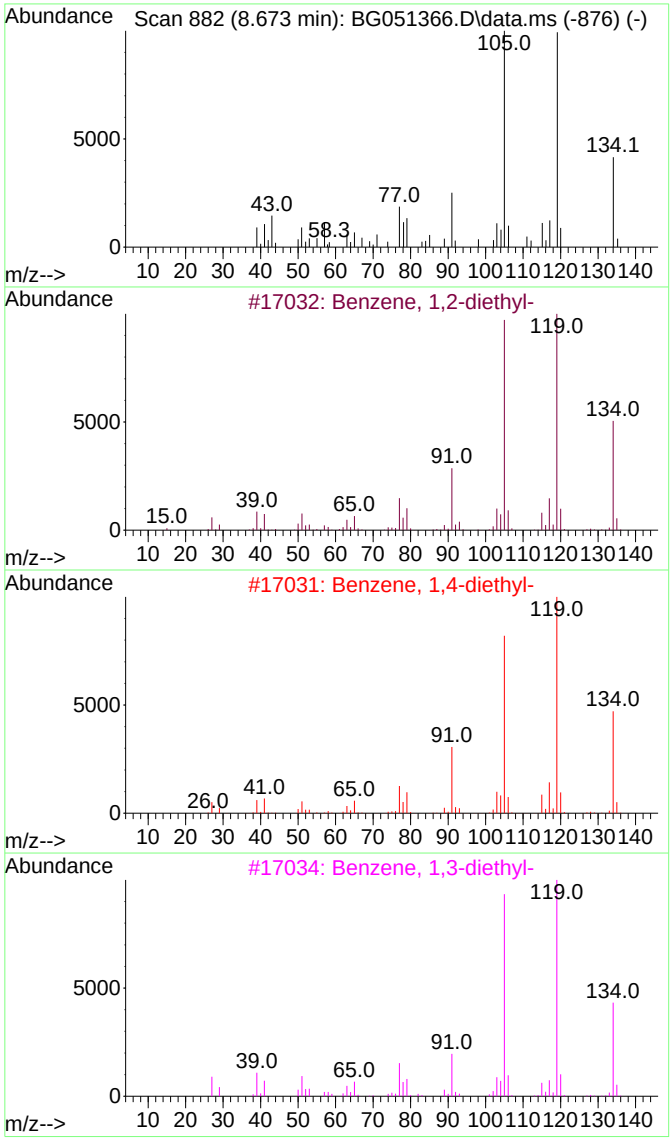
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

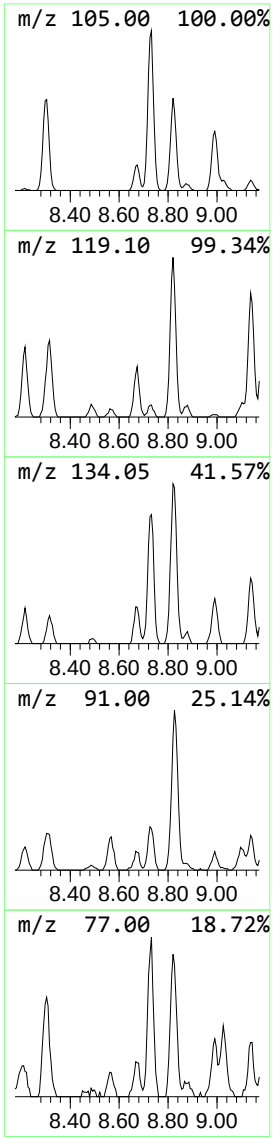
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1,2-diethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.673	5.31 ng/ul	68619	1,4-Dichlorobenzene-d4	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91





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Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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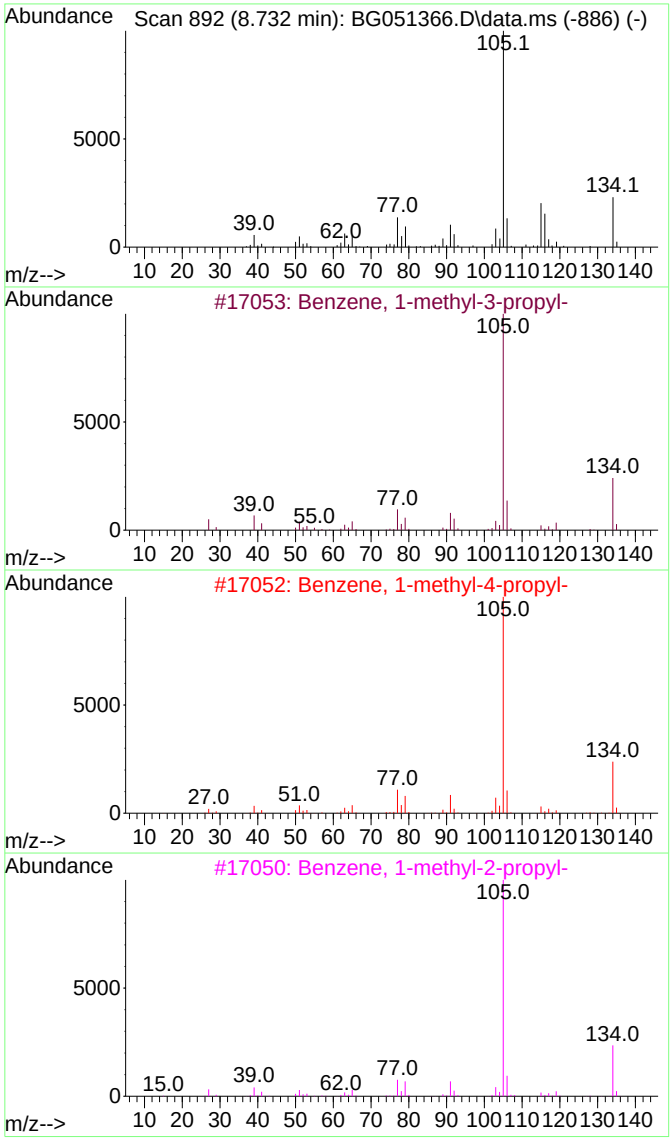
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

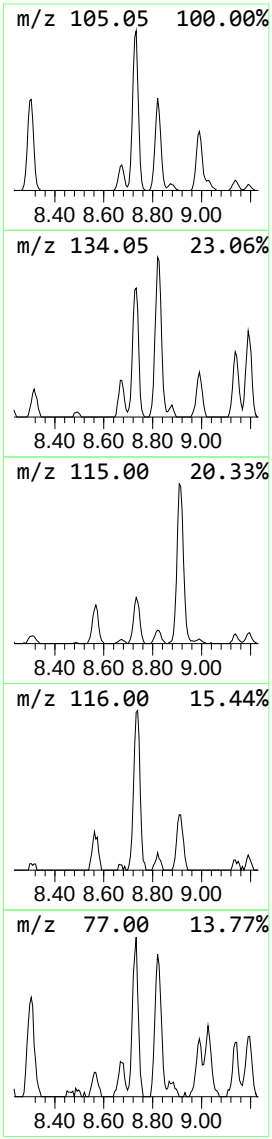
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-methyl-3-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.732	19.80 ng/ul	255654	1,4-Dichlorobenzene-d4	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	70
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	70
4	2-Indanol	134	C9H10O	004254-29-9	68
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64





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Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

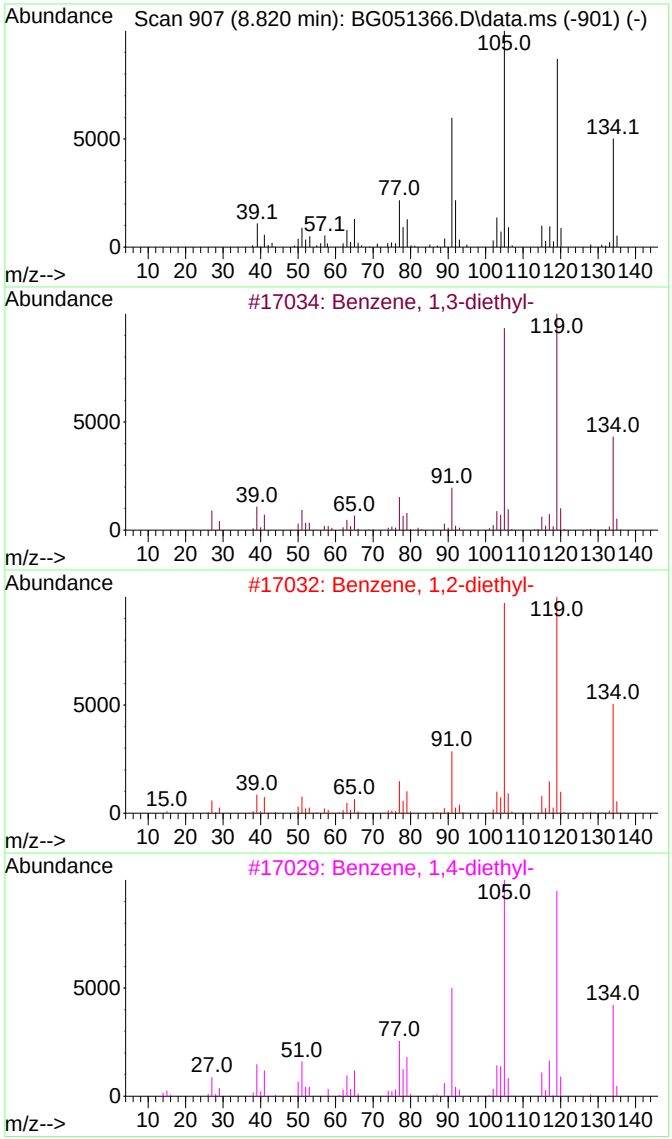
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

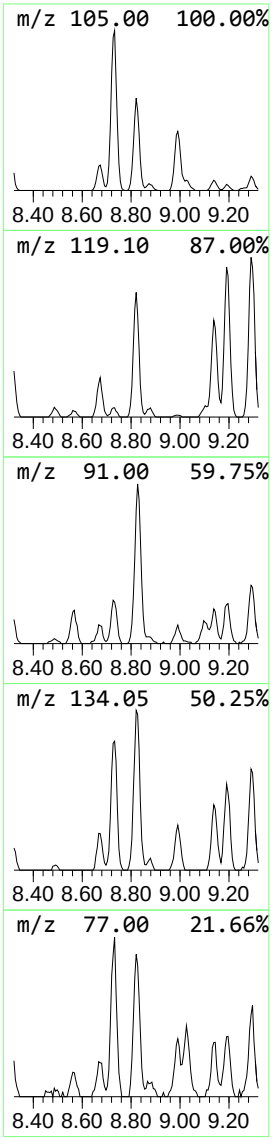
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.820	18.66 ng/ul	240992	1,4-Dichlorobenzene-d4	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90





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Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

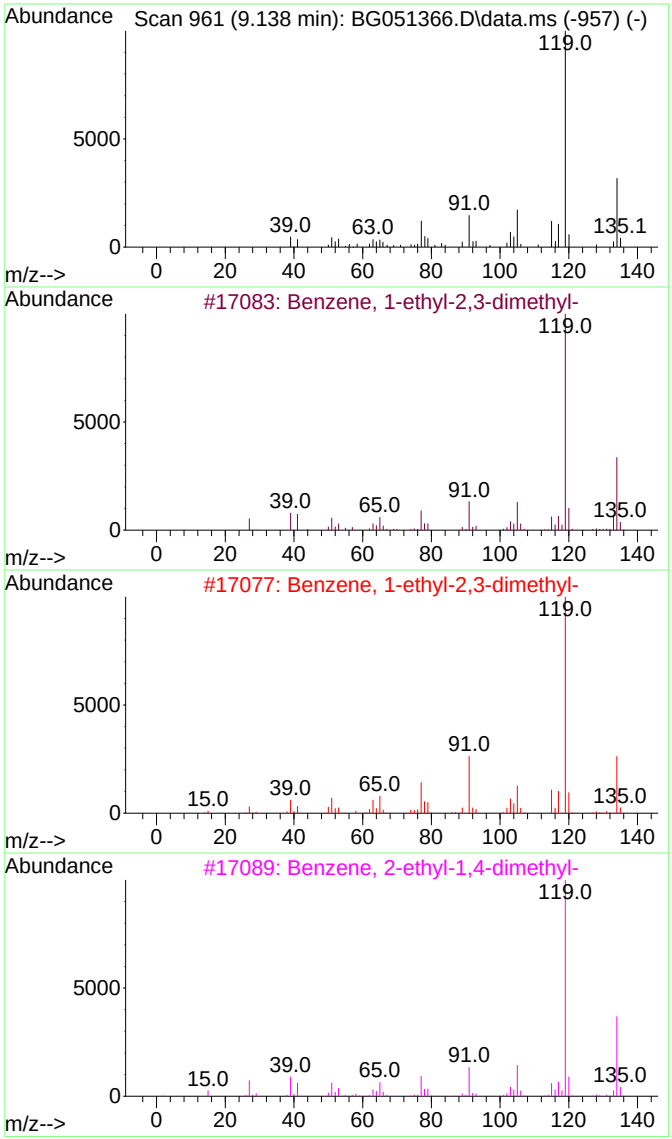
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

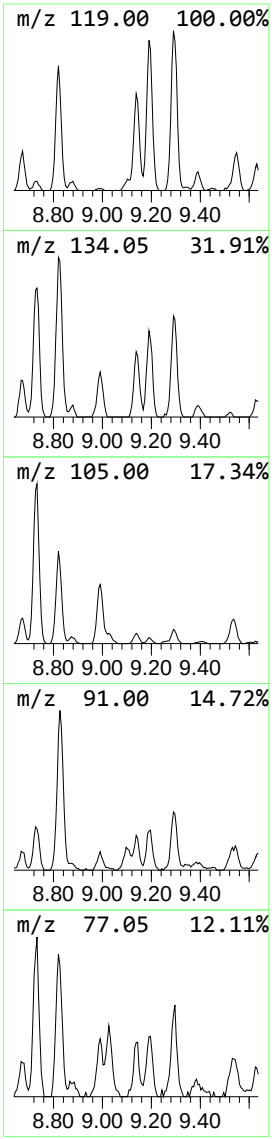
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.138	5.45 ng/ul	70356	1,4-Dichlorobenzene-d4	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90





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ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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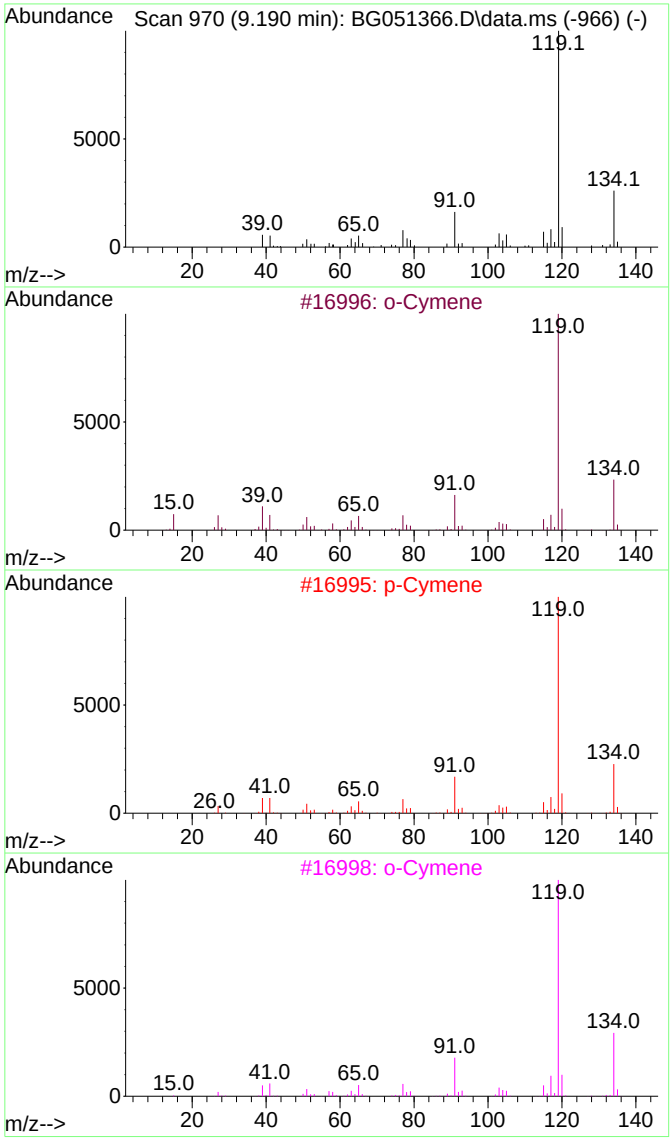
Quant Title : SVOA CALIBRATION

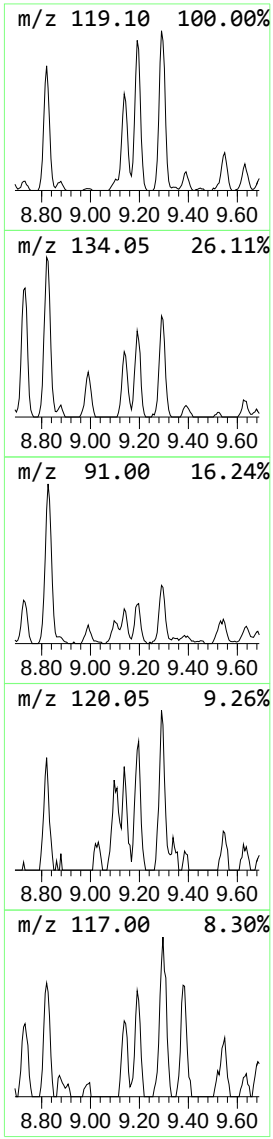
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 o-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.190	8.23 ng/ul	106254	1,4-Dichlorobenzene-d4	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	p-Cymene	134	C10H14	000099-87-6	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	o-Cymene	134	C10H14	000527-84-4	97
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

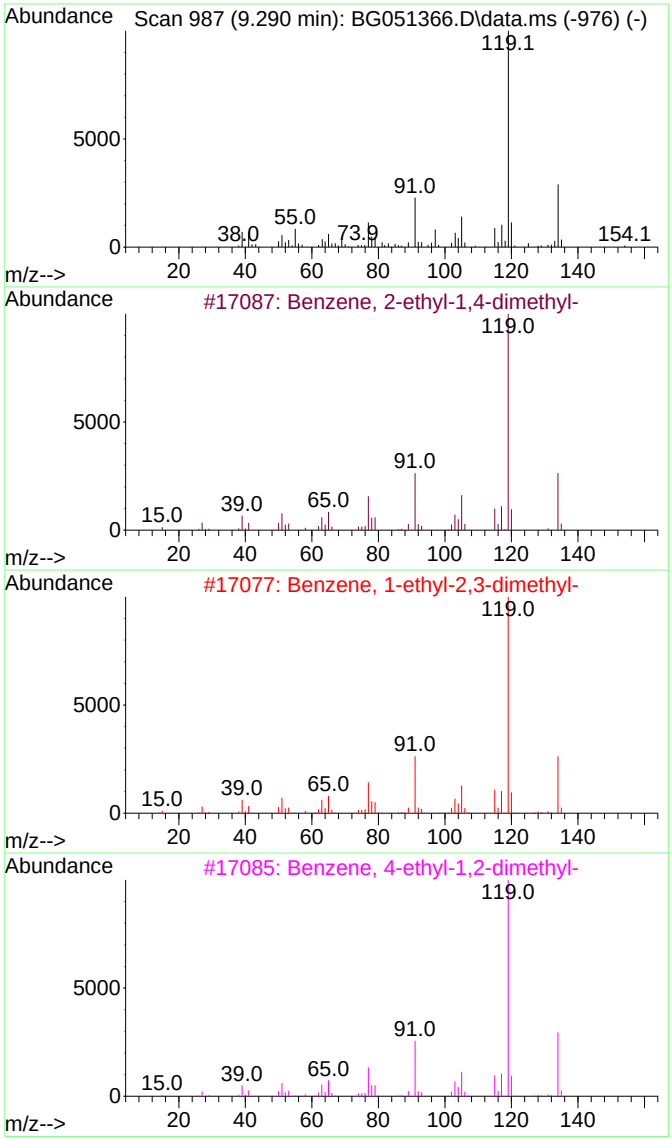
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

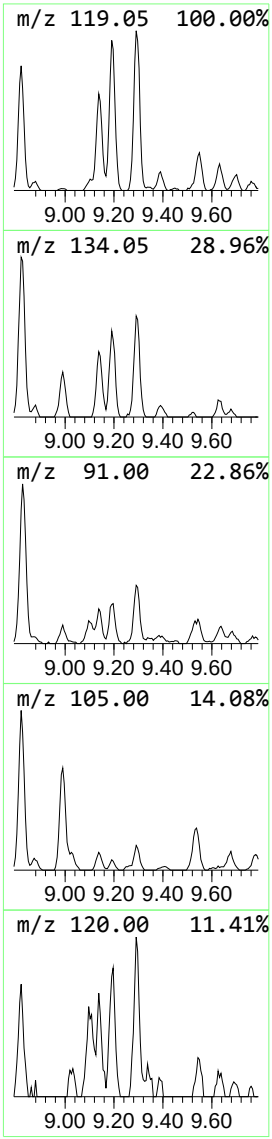
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.290	13.23 ng/ul	170790	1,4-Dichlorobenzene-d4	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





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Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

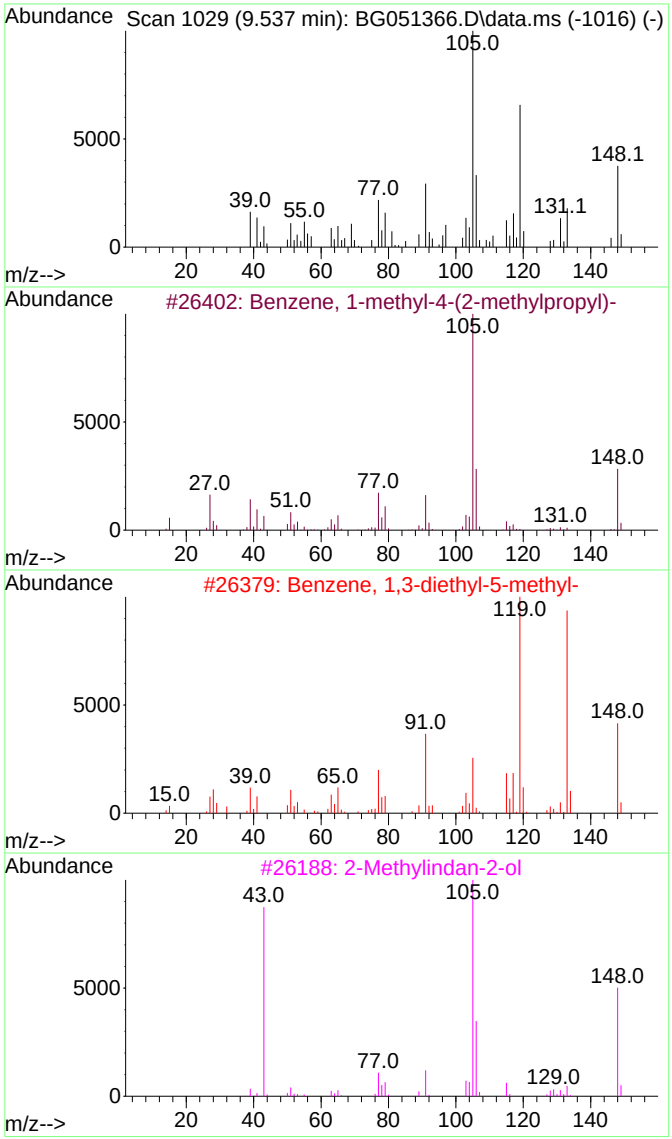
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

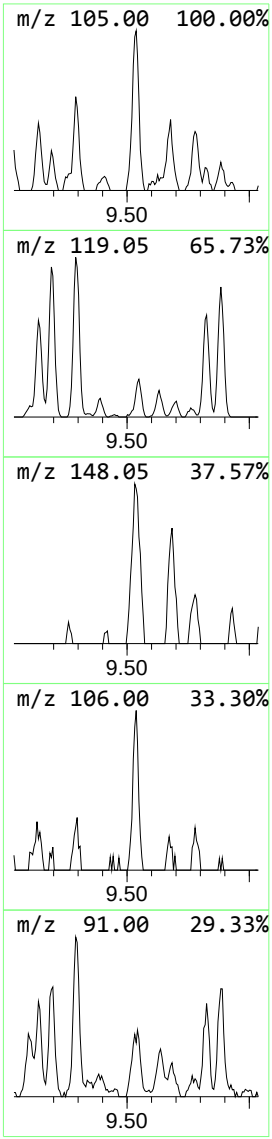
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.537	8.66 ng/ul	111788	1,4-Dichlorobenzene-d4	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	49
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	46
3	2-Methylindan-2-ol	148	C10H12O	033223-84-6	43
4	3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	38
5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38





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Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

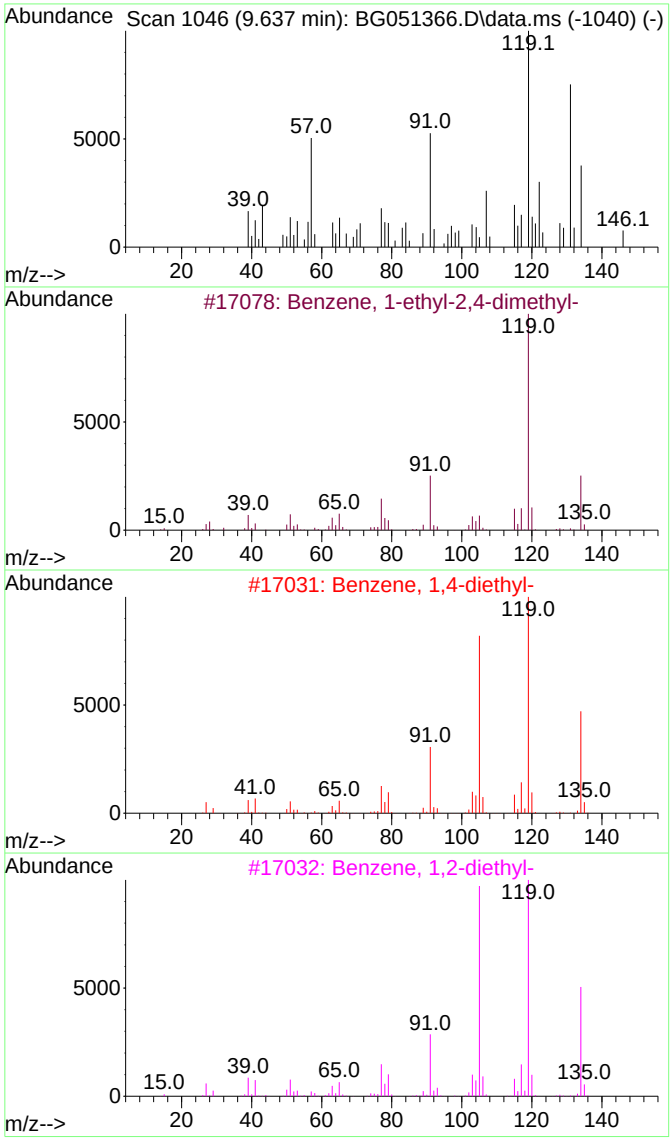
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

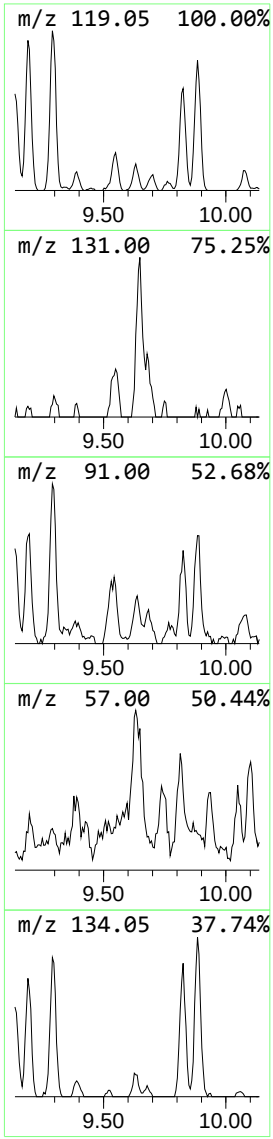
****

Peak Number 25 unknown-03 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.637	3.51 ng/ul	60119	Naphthalene-d8	11.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	38
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	38
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38
5	p-Cymene	134	C10H14	000099-87-6	38





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Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

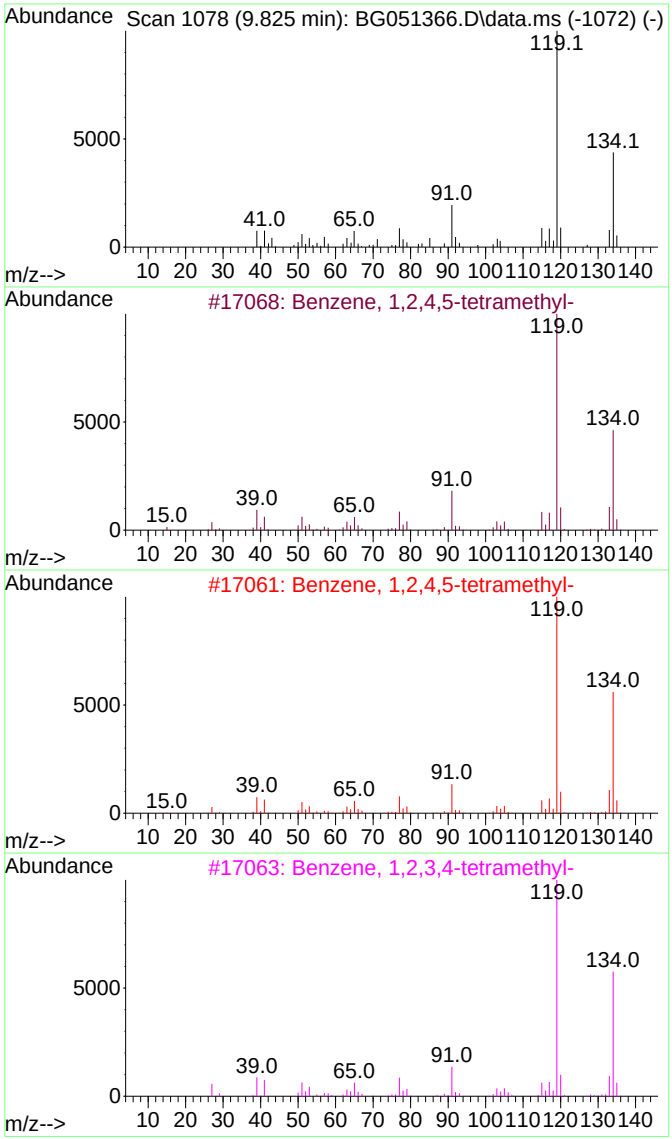
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

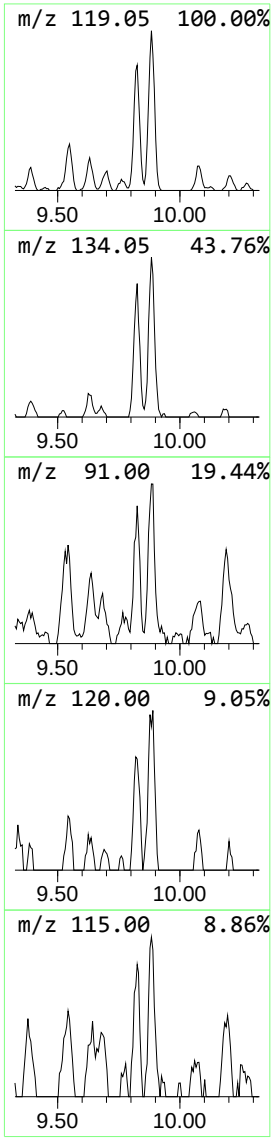
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.825	5.20 ng/ul	89189	Naphthalene-d8	11.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90





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Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

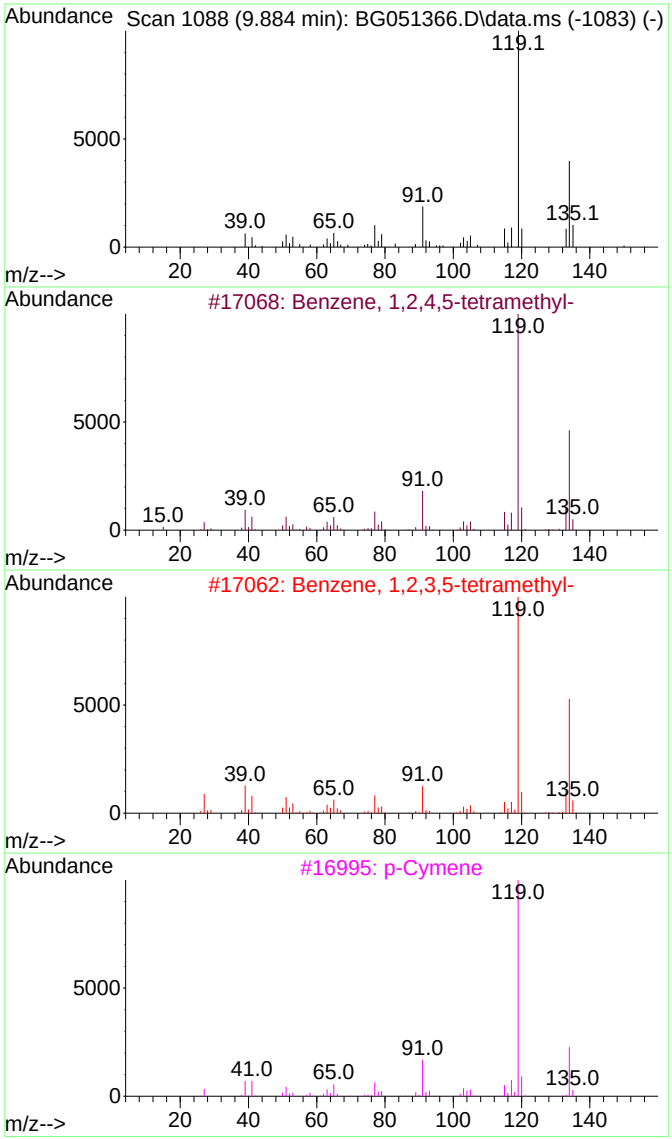
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

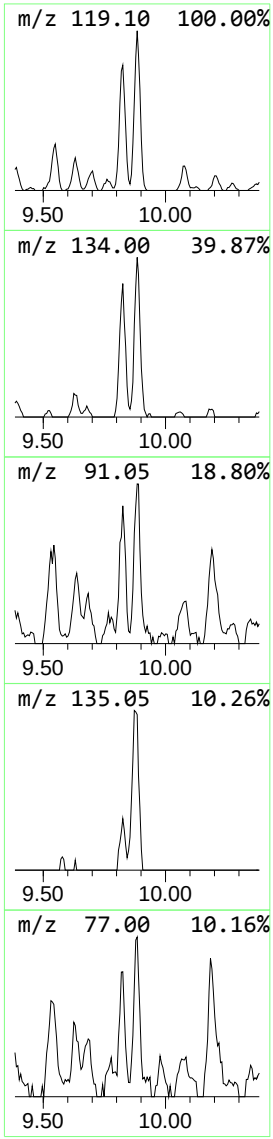
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.884	6.34 ng/ul	108618	Naphthalene-d8	11.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3	p-Cymene	134	C10H14	000099-87-6	91
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





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Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

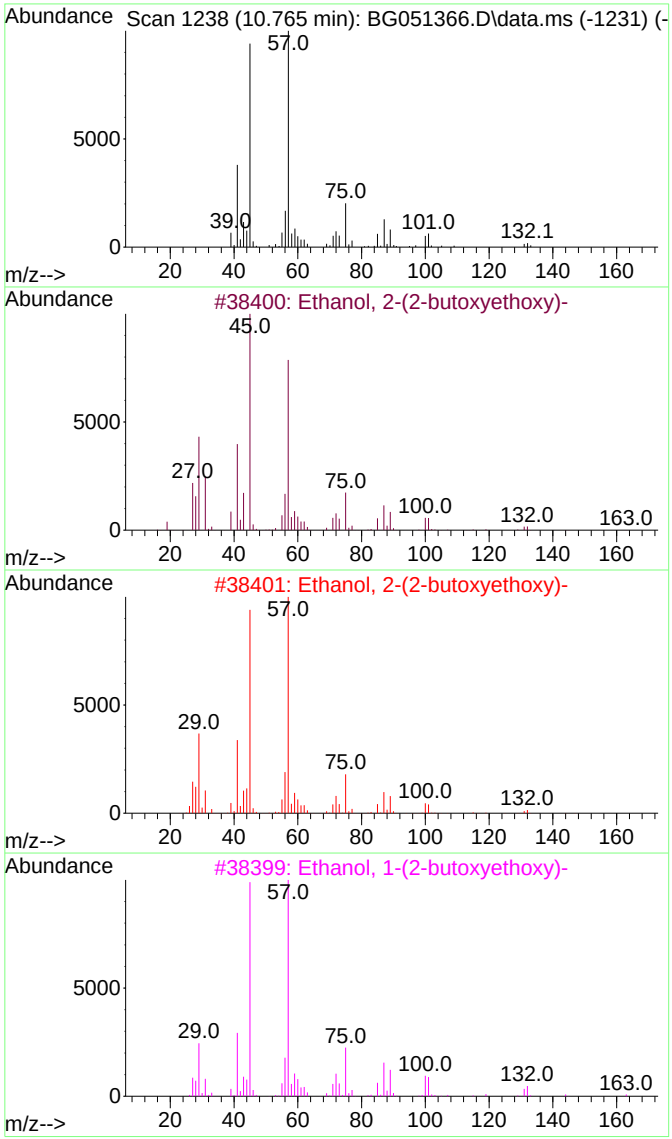
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

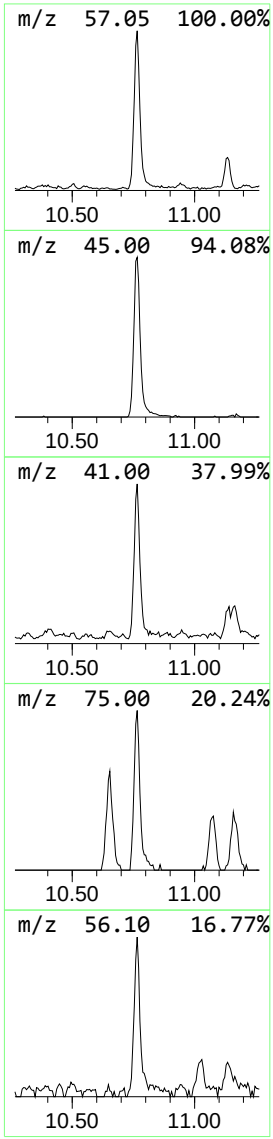
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.765	12.15 ng/ul	208282	Naphthalene-d8	11.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	72





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Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

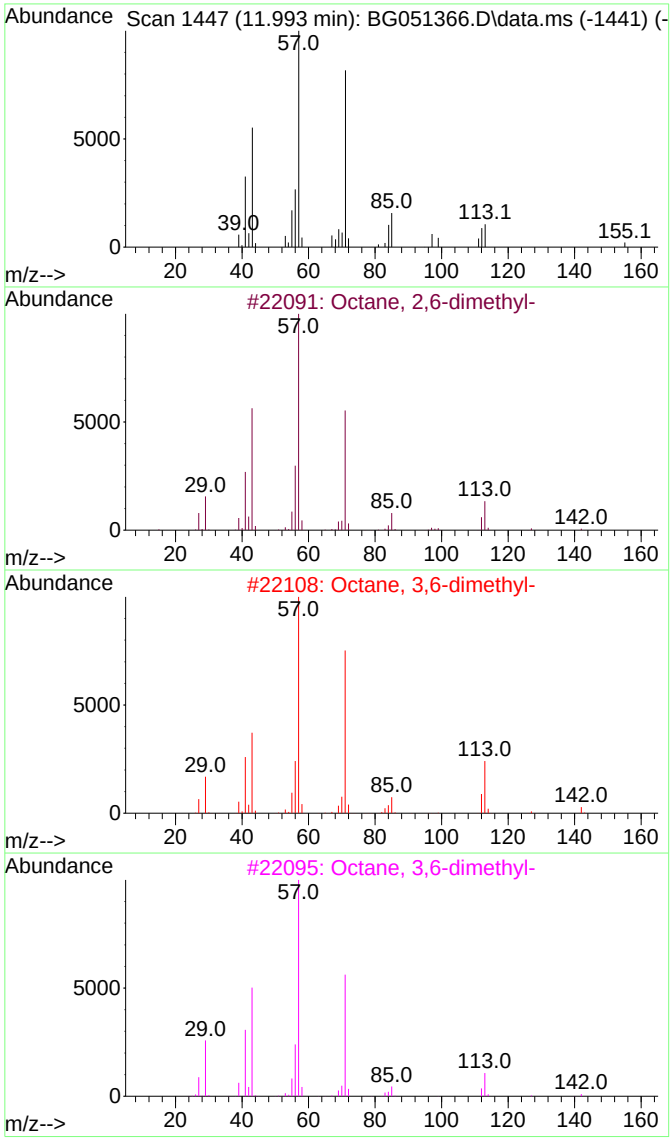
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

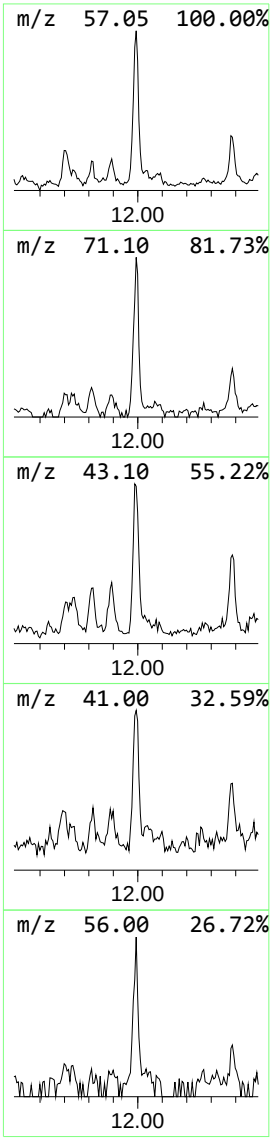
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.993	2.70 ng/ul	46213	Naphthalene-d8	11.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53





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Data File : BG051366.D
Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

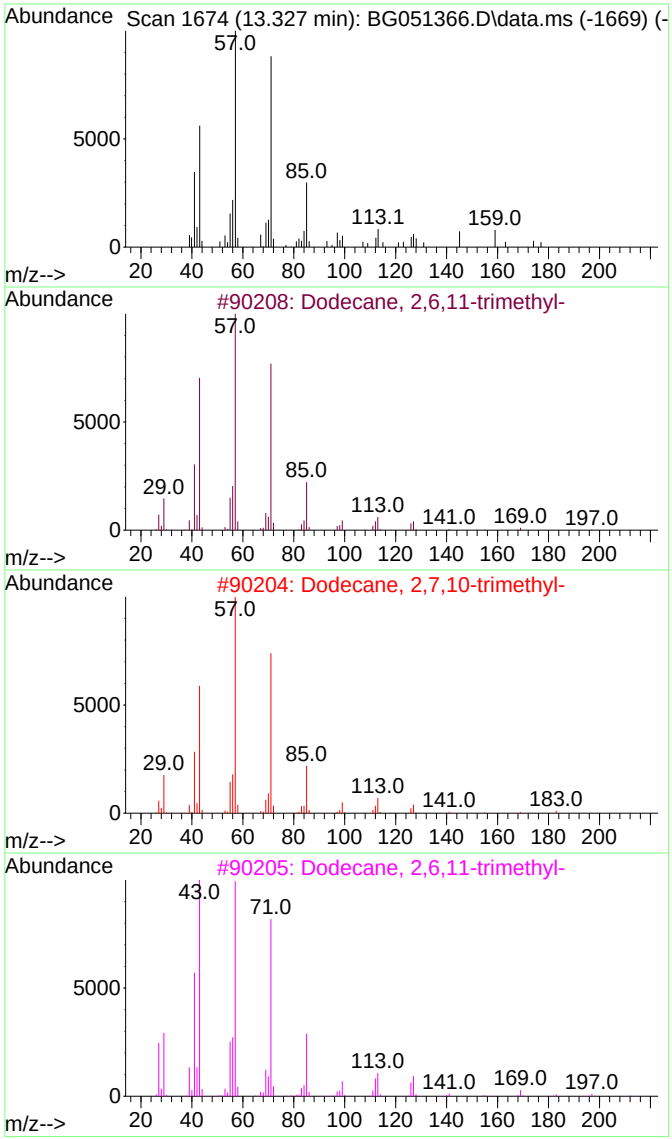
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

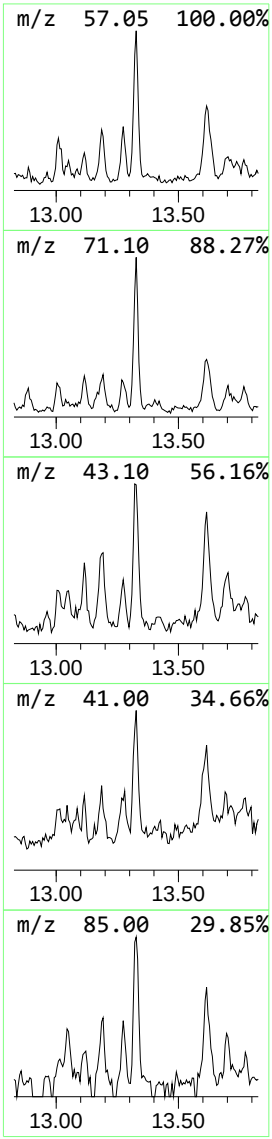
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.327	2.26 ng/ul	48014	Acenaphthene-d10	14.831

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64





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Data File : BG051366.D
Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

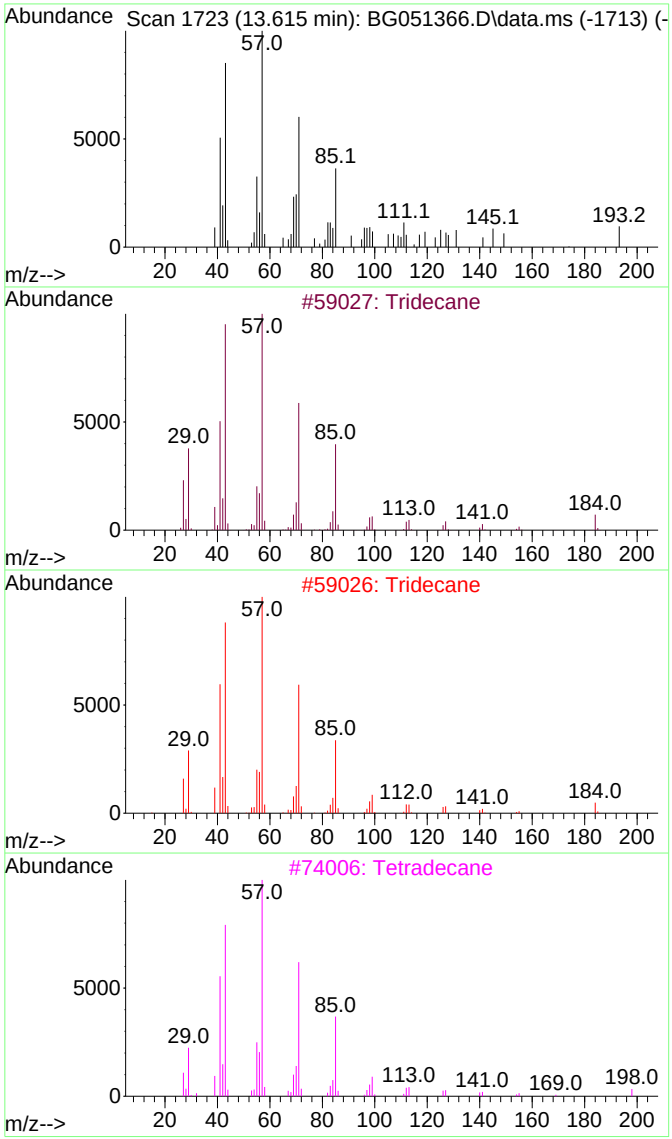
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

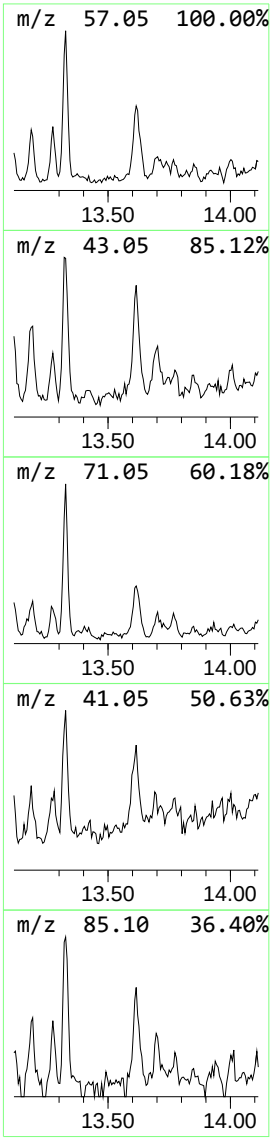
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.615	2.70 ng/ul	57207	Acenaphthene-d10	14.831

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	58
2	Tridecane	184	C13H28	000629-50-5	53
3	Tetradecane	198	C14H30	000629-59-4	50
4	Dodecane	170	C12H26	000112-40-3	50
5	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	50





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Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

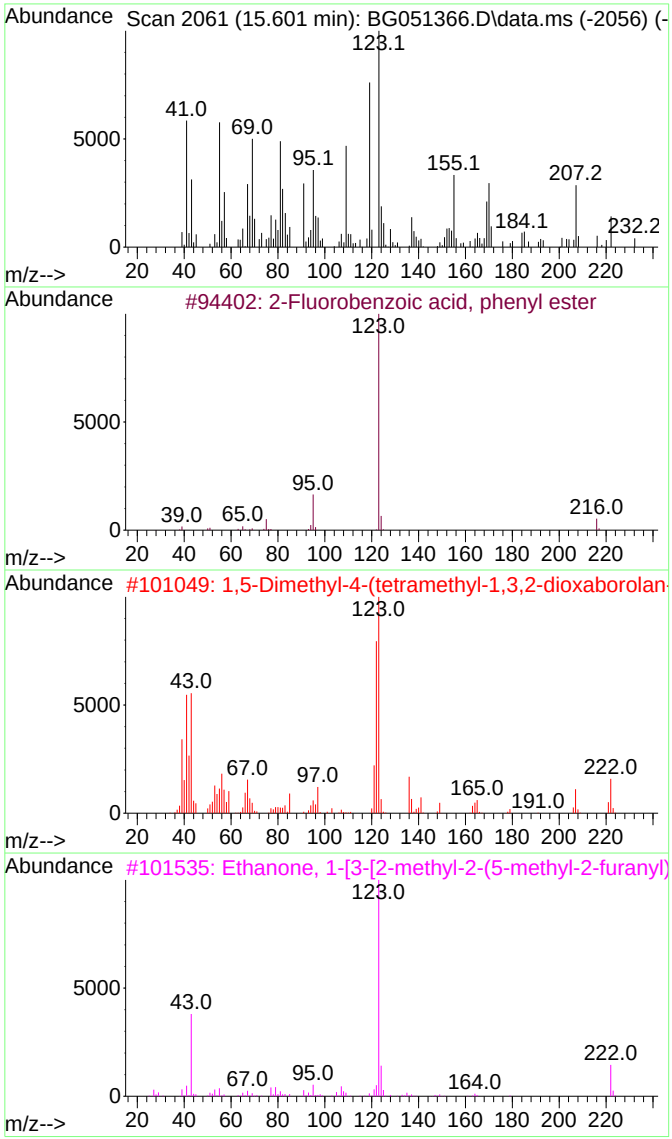
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

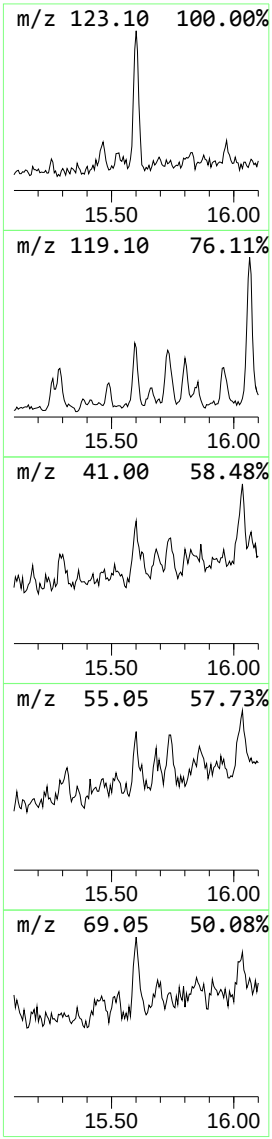
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 unknown-04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.601	7.73 ng/ul	164064	Acenaphthene-d10	14.831

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Fluorobenzoic acid, phenyl ester	216	C13H9FO2	1000299-04-4	18
2	1,5-Dimethyl-4-(tetramethyl-1,3,...	222	C11H19BN2O2	1036991-40-8	18
3	Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	14
4	4-Fluorobenzoic acid, 4-pentadec...	350	C22H35FO2	1000280-68-5	14
5	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-16-4	14





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Data File : BG051366.D
Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

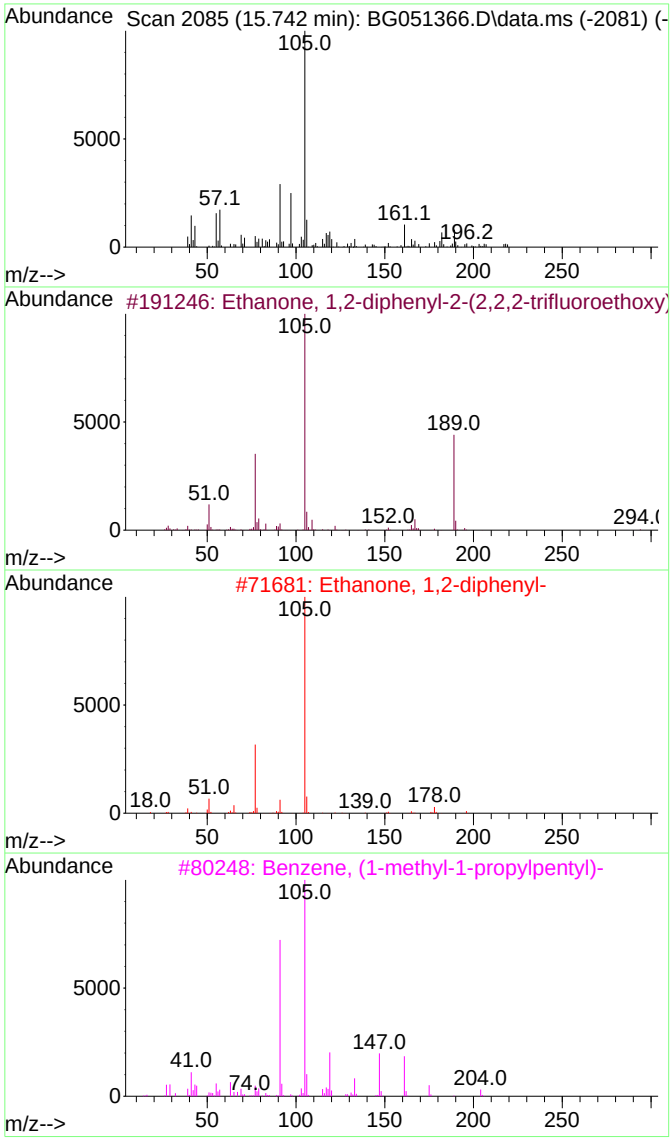
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

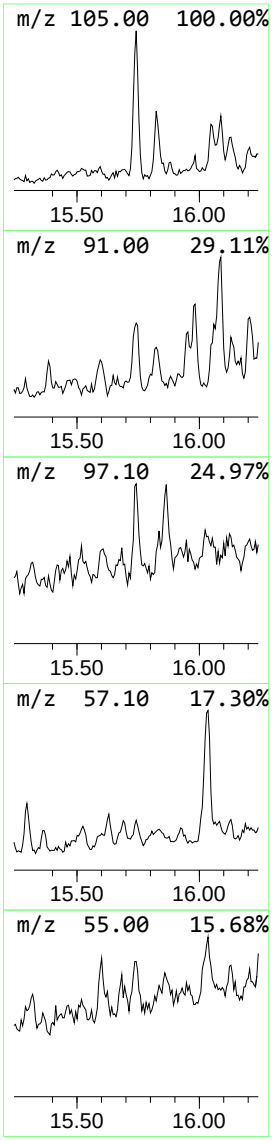
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 unknown-05 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.742	3.51 ng/ul	74534	Acenaphthene-d10	14.831

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1,2-diphenyl-2-(2,2,2-...	294	C16H13F3O2	082027-52-9	35
2	Ethanone, 1,2-diphenyl-	196	C14H12O	000451-40-1	27
3	Benzene, (1-methyl-1-propylpentyl)-	204	C15H24	054932-91-1	25
4	1-Hexene, 3-methyl-6-phenyl-4-(1...	294	C21H26O	1010194-52-4	22
5	Ethyl meta-tolylacetate	178	C11H14O2	040061-55-0	22





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Data File : BG051366.D
Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

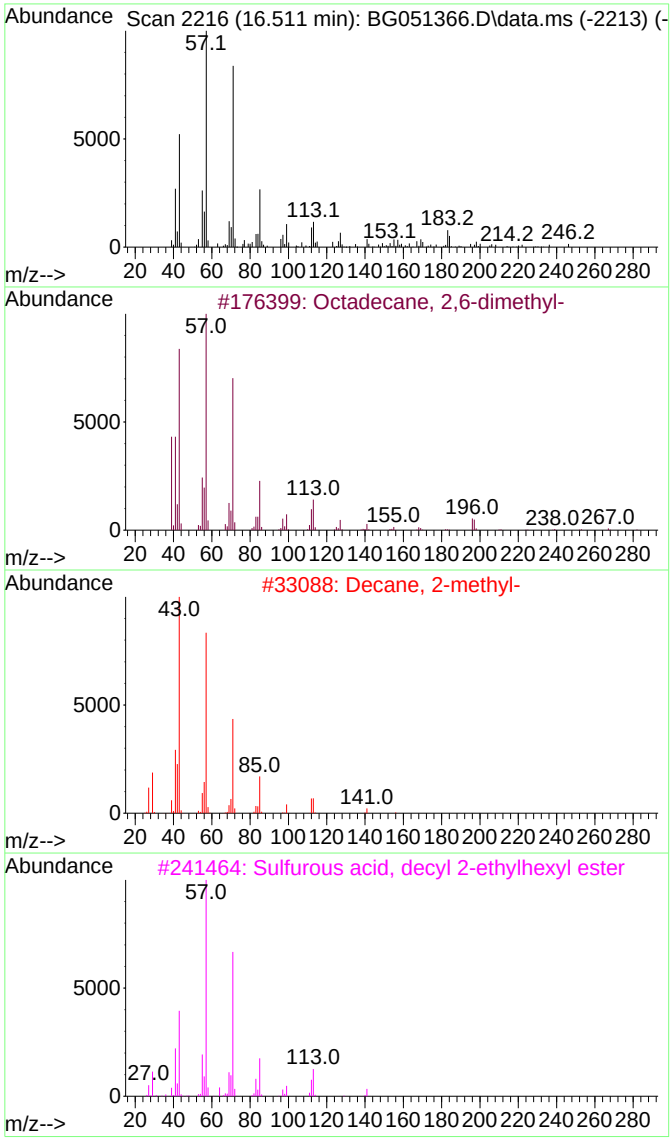
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

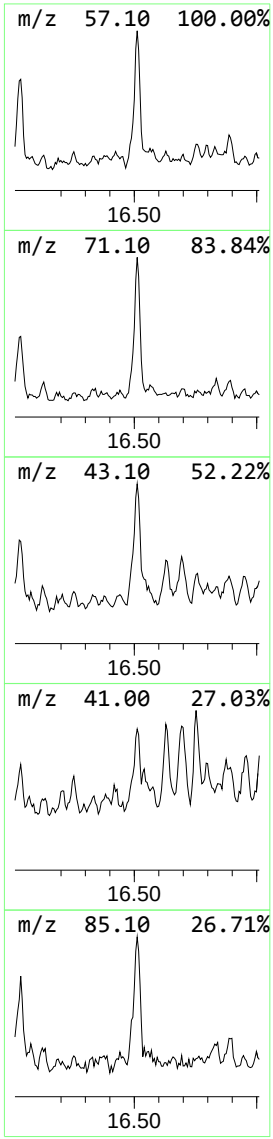
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.511	4.68 ng/ul	97030	Phenanthrene-d10	17.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	86
2	Decane, 2-methyl-	156	C11H24	006975-98-0	74
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64





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Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

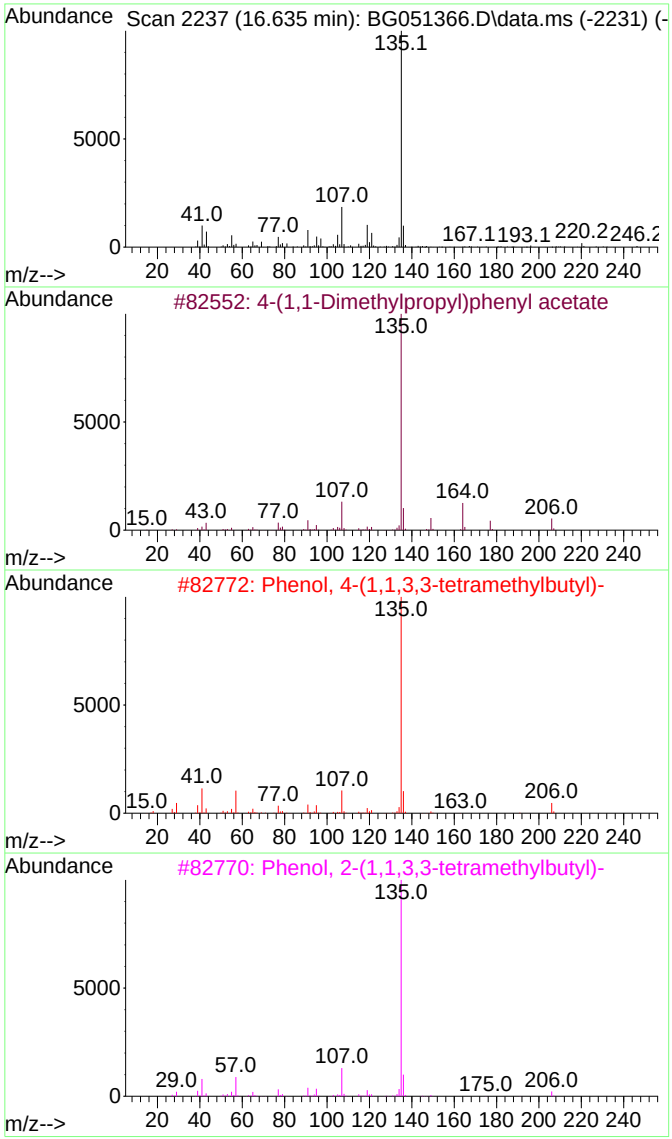
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

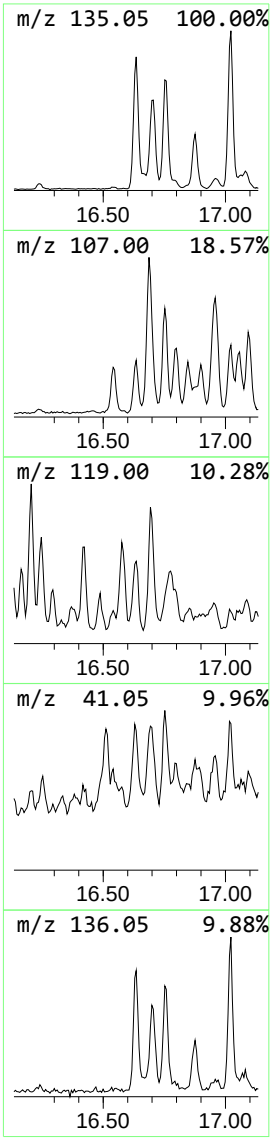
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.635	13.19 ng/ul	273763	Phenanthrene-d10	17.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	72
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
3	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	64
4	4-tert-Butylphenol, O-ethoxycarb...	222	C13H18O3	026177-66-2	64
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64





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Data File : BG051366.D
Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

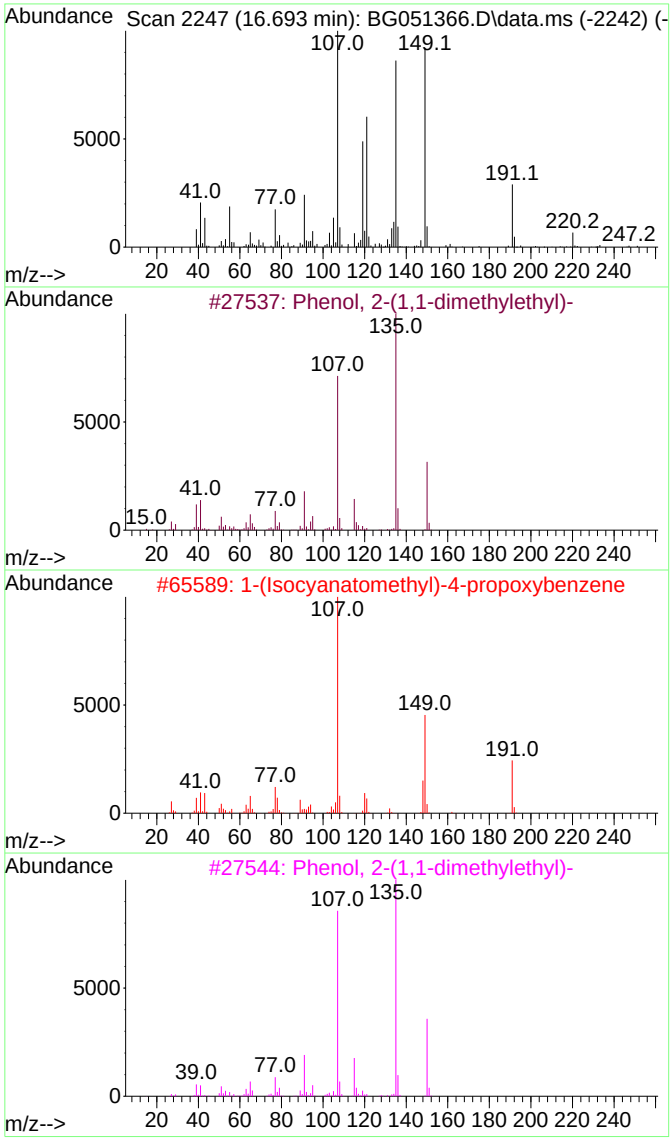
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

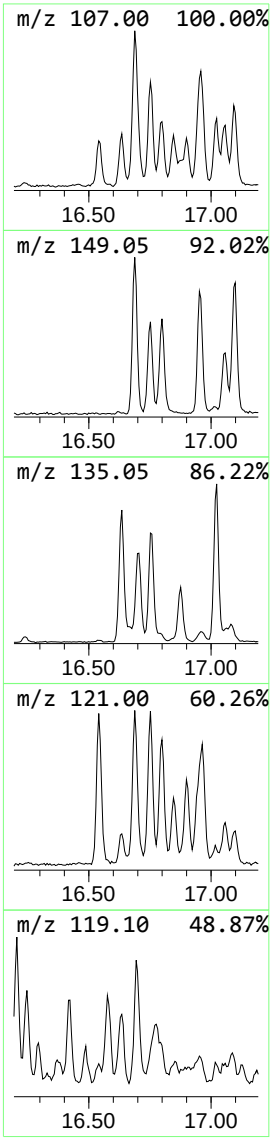
****

Peak Number 44 unknown-06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.693	19.18 ng/ul	398086	Phenanthrene-d10	17.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	45
2	1-(Isocyanatomethyl)-4-propoxybe...	191	C11H13NO2	936095-07-7	43
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	43
4	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	41
5	Hexestrol	270	C18H22O2	000084-16-2	38





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Data File : BG051366.D
Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

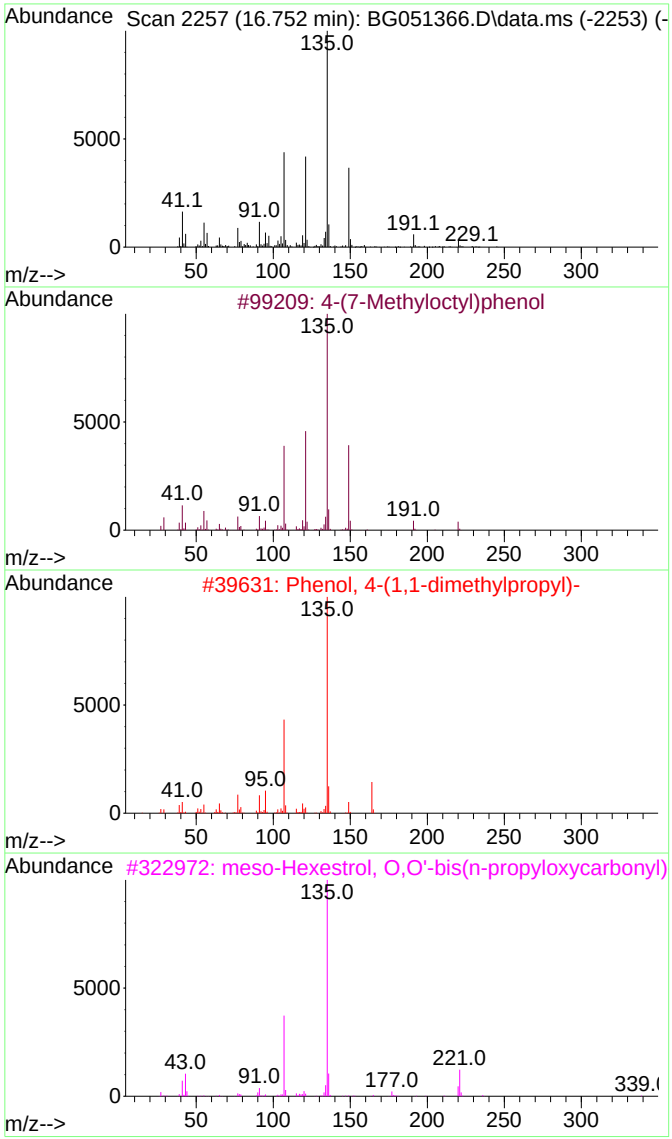
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

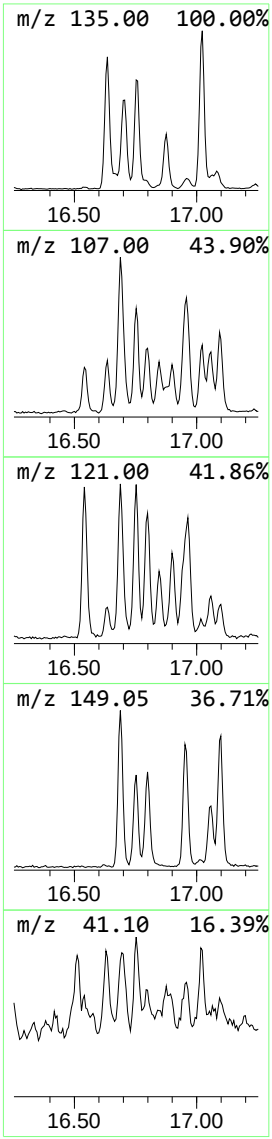
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 4-(7-Methyloctyl)phenol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.752	14.34 ng/ul	297526	Phenanthrene-d10	17.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	98
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
3	meso-Hexestrol, O,O'-bis(n-propy...	442	C26H34O6	1000487-65-0	59
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
5	Hexestrol, O-(n-propyloxycarbonyl)-	356	C22H28O4	1000487-65-1	59





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Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

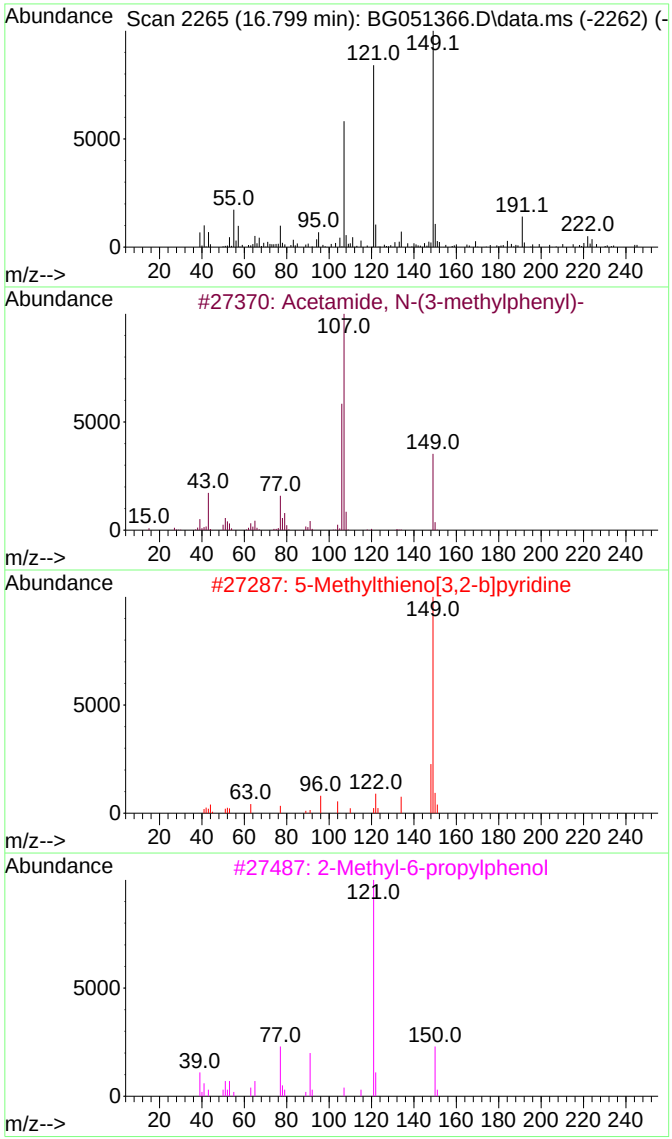
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

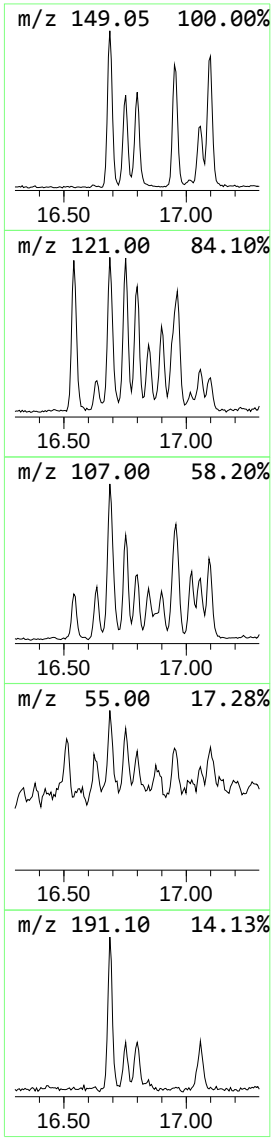
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 unknown-07 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.799	6.23 ng/ul	129312	Phenanthrene-d10	17.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
2	5-Methylthieno[3,2-b]pyridine	149	C8H7NS	001759-29-1	30
3	2-Methyl-6-propylphenol	150	C10H14O	003520-52-3	27
4	Carbonic acid, 4-isopropylphenyl...	222	C13H18O3	1000331-39-1	27
5	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	27





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Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

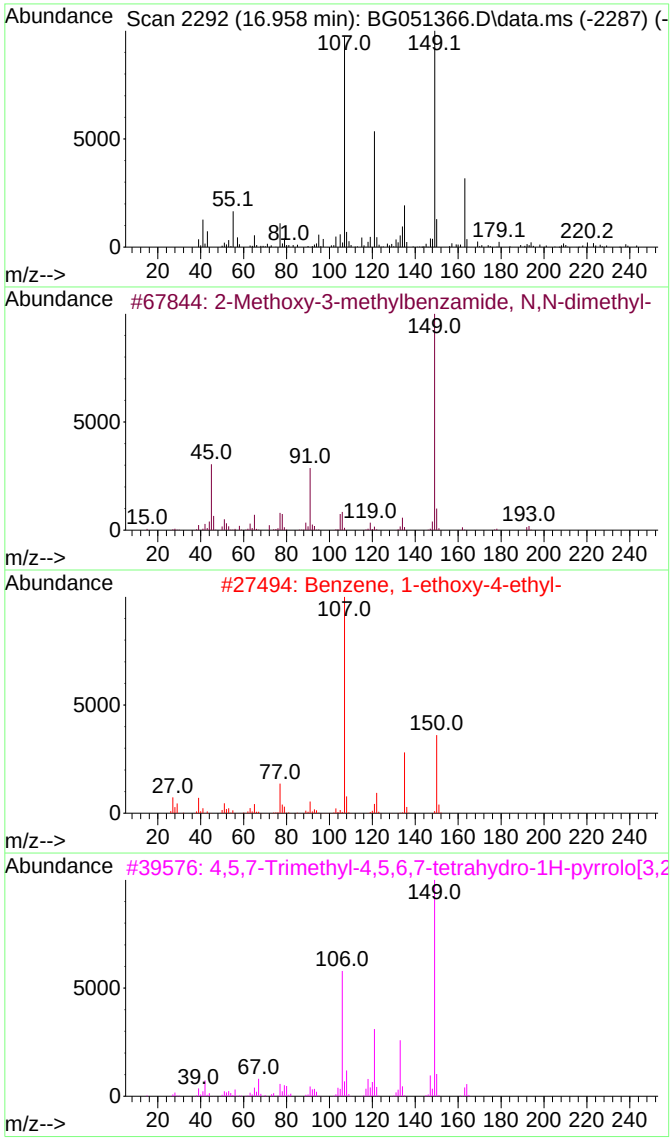
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

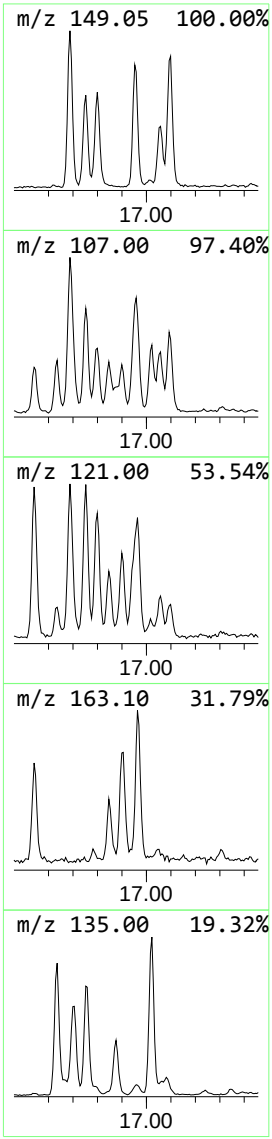
****

Peak Number 47 unknown-08 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.958	12.09 ng/ul	250840	Phenanthrene-d10	17.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxy-3-methylbenzamide, N,N...	193	C11H15NO2	1369798-01-5	35
2	Benzene, 1-ethoxy-4-ethyl-	150	C10H14O	001585-06-4	35
3	4,5,7-Trimethyl-4,5,6,7-tetrahyd...	164	C10H16N2	113849-86-8	35
4	p-Propionotoluidide	163	C10H13NO	002759-55-9	30
5	3',4'-Formoxylidide	149	C9H11NO	006639-60-7	27





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Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

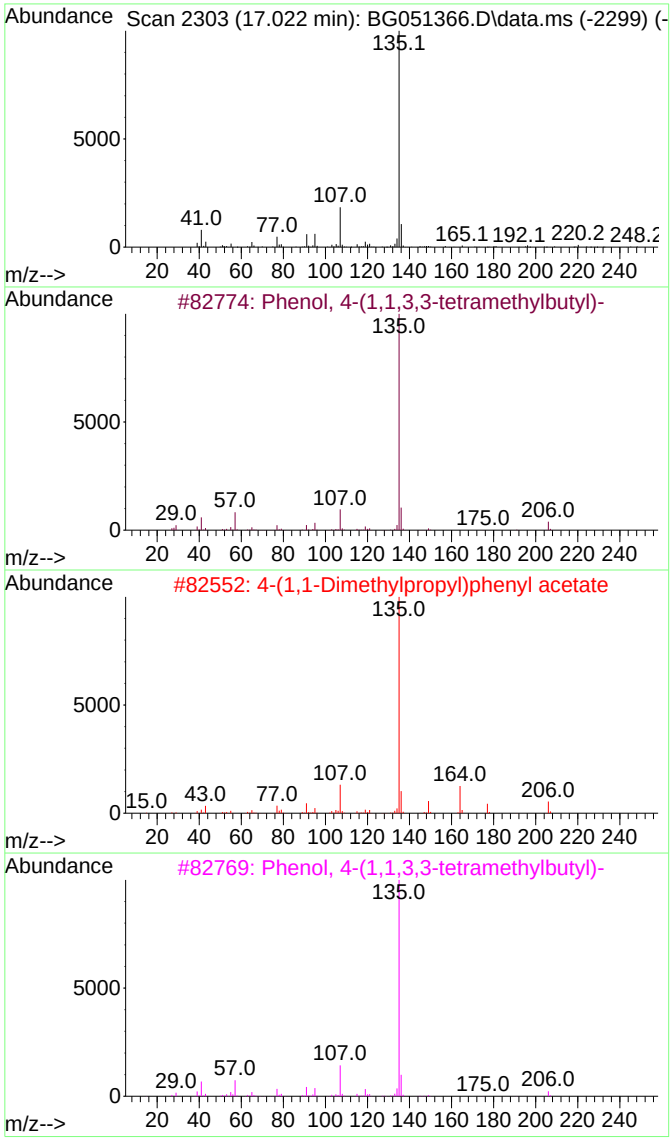
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

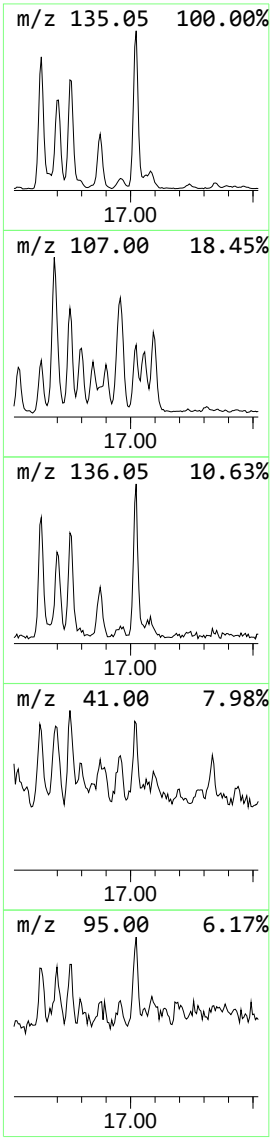
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.022	8.49 ng/ul	176176	Phenanthrene-d10	17.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
4	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78
5	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78





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Data File : BG051366.D
Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

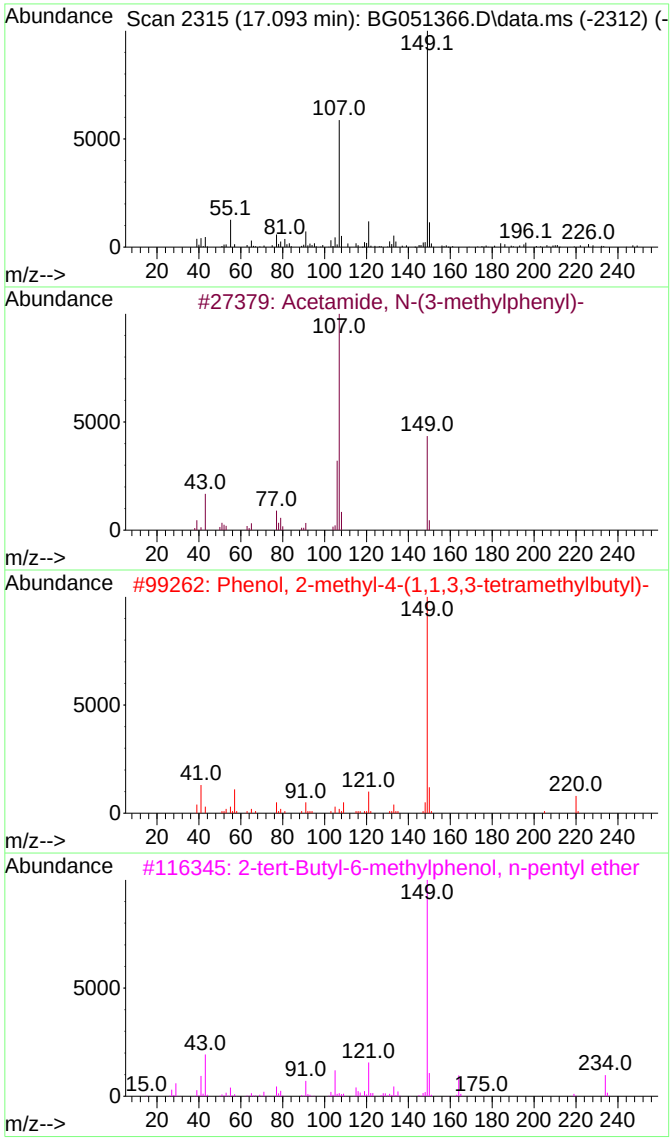
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

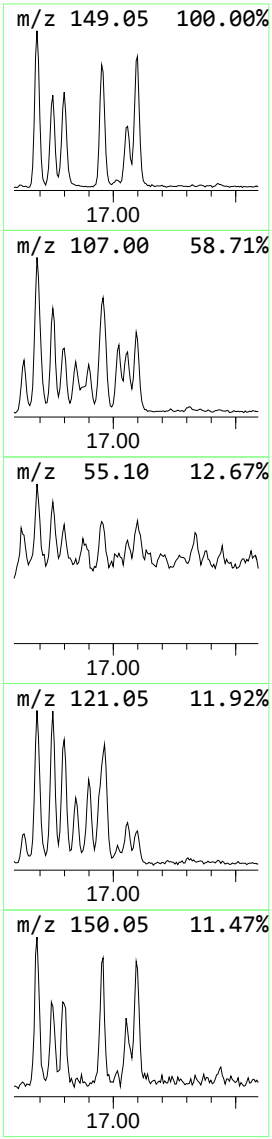
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Acetamide, N-(3-methylphenyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.093	10.39 ng/ul	215538	Phenanthrene-d10	17.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	53
2	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	50
3	2-tert-Butyl-6-methylphenol, n-p...	234	C16H26O	1000395-18-9	50
4	Methyl (1s,3s,5R,7S)-3-methylada...	208	C13H20O2	1010504-39-1	50
5	4-Hydroxyphenylpyruvic acid, met...	208	C11H12O4	1000332-83-9	50





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Data File : BG051366.D
Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

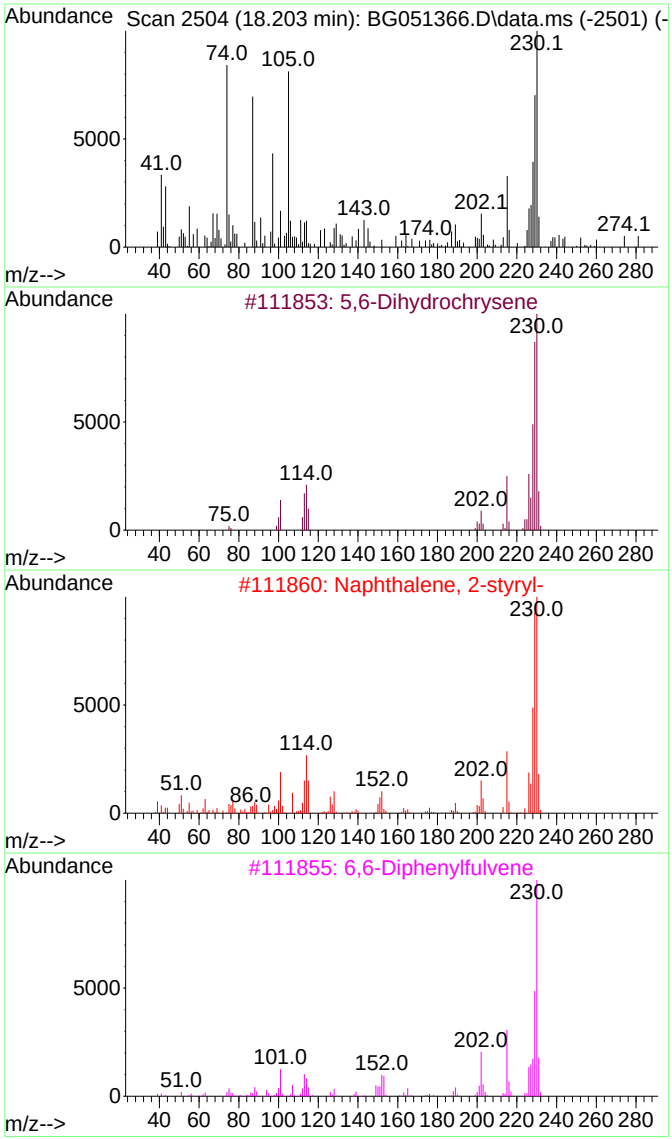
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

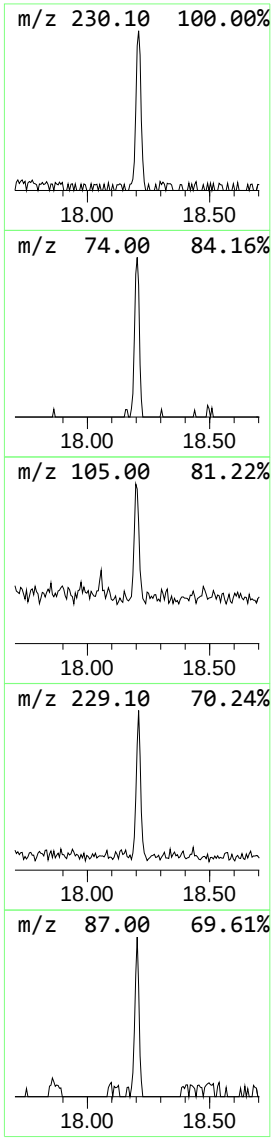
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 5,6-Dihydrochrysene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.203	3.57 ng/ul	74030	Phenanthrene-d10	17.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,6-Dihydrochrysene	230	C18H14	002091-92-1	50
2	Naphthalene, 2-styryl-	230	C18H14	002039-70-5	50
3	6,6-Diphenylfulvene	230	C18H14	002175-90-8	46
4	6,6-Diphenylfulvene	230	C18H14	002175-90-8	42
5	6,6-Diphenylfulvene	230	C18H14	002175-90-8	42





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Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

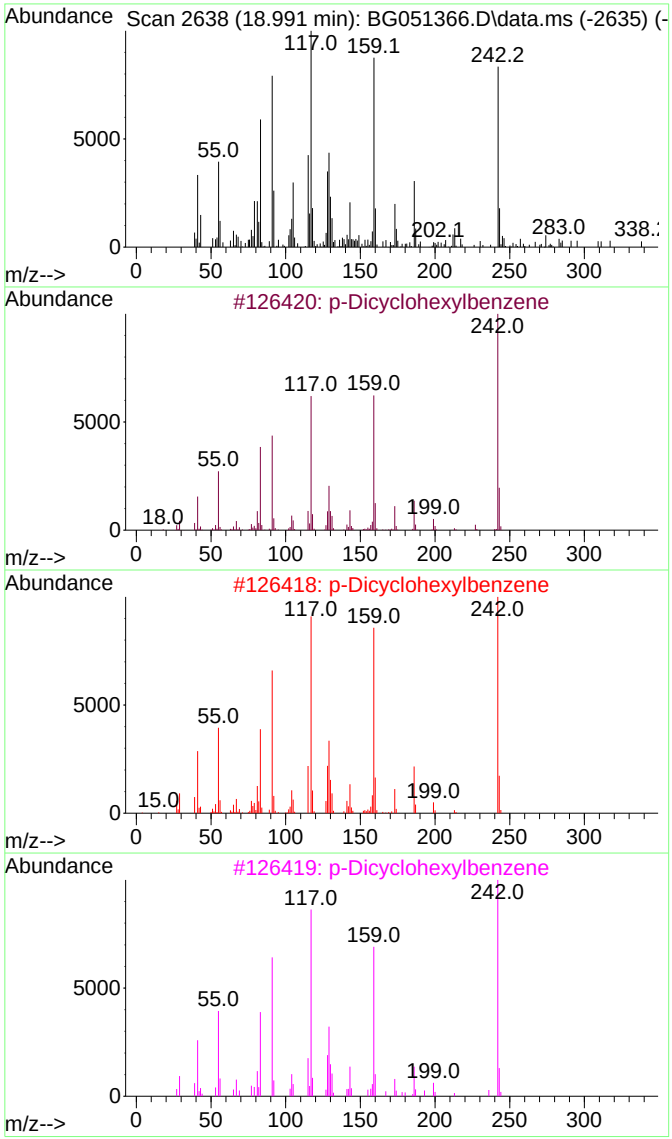
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

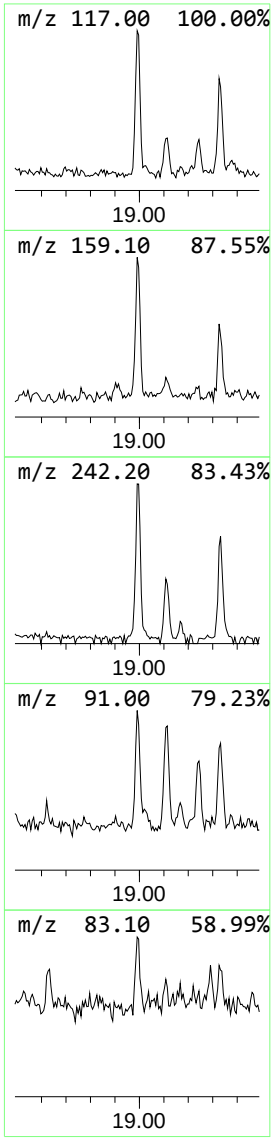
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 p-Dicyclohexylbenzene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.991	3.95 ng/ul	82041	Phenanthrene-d10	17.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Dicyclohexylbenzene	242	C18H26	001087-02-1	90
2	p-Dicyclohexylbenzene	242	C18H26	001087-02-1	89
3	p-Dicyclohexylbenzene	242	C18H26	001087-02-1	81
4	Bicyclohexyl, 4-phenyl-	242	C18H26	020273-27-2	58
5	Nonacyclo[8.8.0.0(2,6).0(3,14).0...	236	C18H20	1000436-96-5	22





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Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

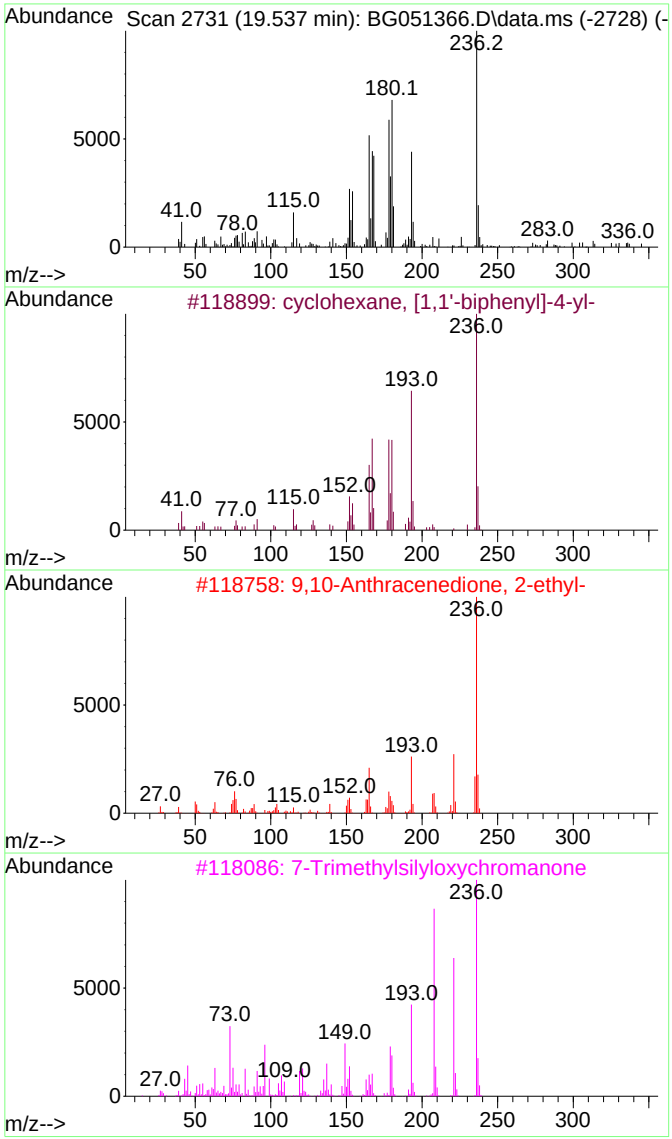
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

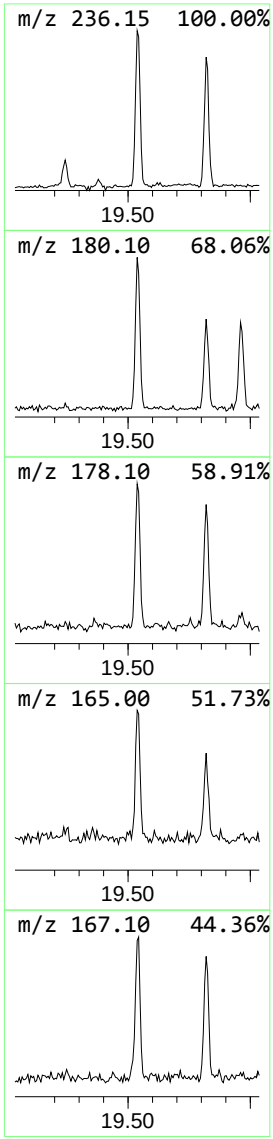
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 cyclohexane, [1,1'-biphenyl... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.537	5.89 ng/ul	122238	Phenanthrene-d10	17.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cyclohexane, [1,1'-biphenyl]-4-yl-	236	C18H20	1000401-12-4	58
2	9,10-Anthracenedione, 2-ethyl-	236	C16H12O2	000084-51-5	47
3	7-Trimethylsilyloxychromanone	236	C12H16O3Si	1000451-97-2	43
4	1-Diisopropylsilyloxy-3,5-dimeth...	236	C14H24OSi	1000307-97-3	30
5	5-Fluoro-2-(4-methyl-1-piperazin...	237	C13H20FN3	1010512-19-5	30





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Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

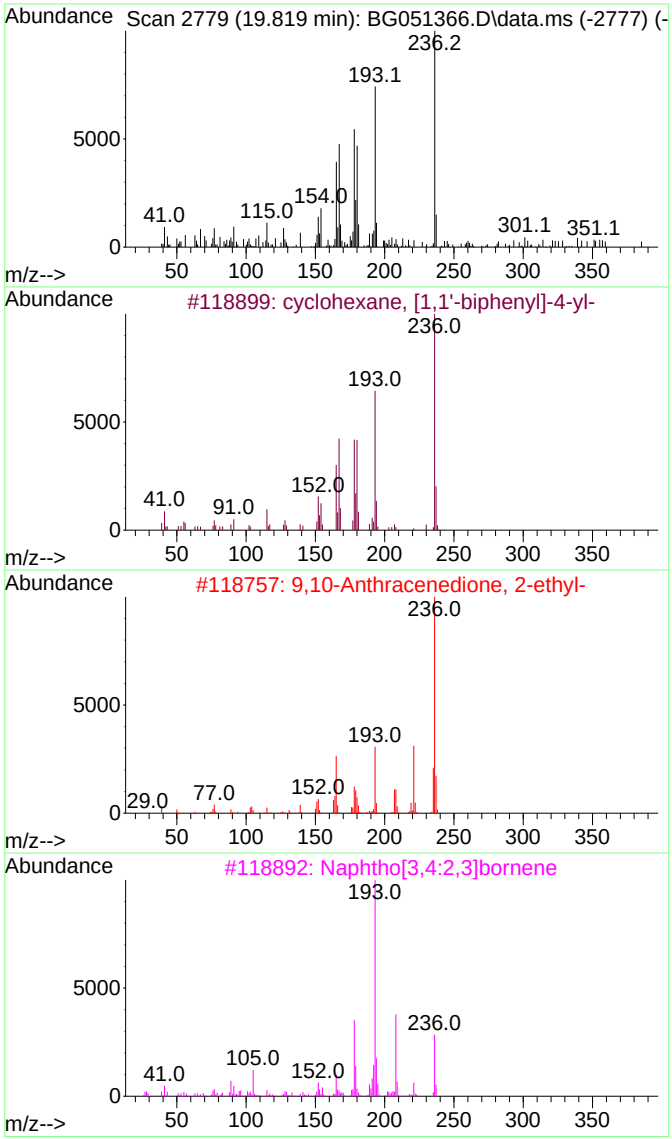
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

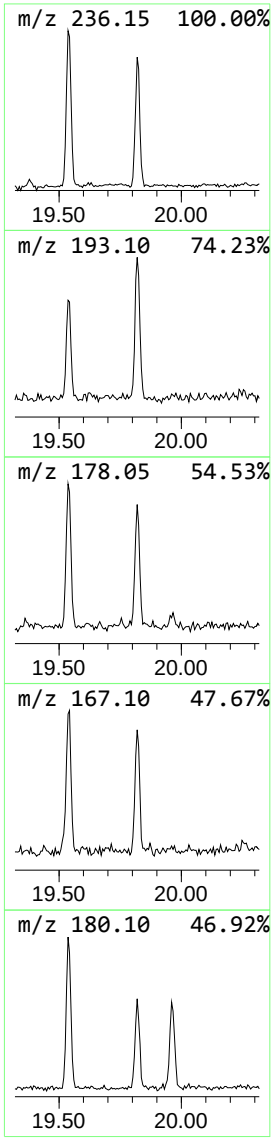
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 9,10-Anthracenedione, 2-ethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.819	3.26 ng/ul	65462	Chrysene-d12	21.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cyclohexane, [1,1'-biphenyl]-4-yl-	236	C18H20	1000401-12-4	94
2	9,10-Anthracenedione, 2-ethyl-	236	C16H12O2	000084-51-5	62
3	Naphtho[3,4:2,3]bornene	236	C18H20	1010210-68-3	52
4	2-Thiazoleacetamide, 4-(4-fluoro...	236	C11H9FN2OS	342405-30-5	45
5	1,2,3,4,5,6,7,8-Octahydrotriphen...	236	C18H20	013090-93-2	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051366.D
Acq On : 7 Dec 2021 1:57
Operator : CG/JU
Sample : M4942-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKQ4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.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: C...	6.106	2.2	ng/ul	27877	1	8.192	258259	20.0
(DEL) Alkane: C...	6.423	2.9	ng/ul	37173	1	8.192	258259	20.0
unknown-01	6.658	4.0	ng/ul	52261	1	8.192	258259	20.0
(DEL) Alkane: C...	6.793	4.7	ng/ul	60546	1	8.192	258259	20.0
Benzene, propyl-	7.146	6.2	ng/ul	80615	1	8.192	258259	20.0
Benzene, 1-ethy...	7.257	4.8	ng/ul	61373	1	8.192	258259	20.0
Benzene, 1-ethy...	7.563	4.9	ng/ul	63662	1	8.192	258259	20.0
(DEL) Alkane: S...	8.133	3.9	ng/ul	49916	1	8.192	258259	20.0
Benzene, 1-ethy...	8.303	12.9	ng/ul	166181	1	8.192	258259	20.0
(DEL) Alkane: C...	8.456	2.4	ng/ul	30683	1	8.192	258259	20.0
Tetracyclo[3.3....	8.562	8.2	ng/ul	105899	1	8.192	258259	20.0
Benzene, 1,2-di...	8.673	5.3	ng/ul	68619	1	8.192	258259	20.0
Benzene, 1-meth...	8.732	19.8	ng/ul	255654	1	8.192	258259	20.0
Benzene, 1,3-di...	8.820	18.7	ng/ul	240992	1	8.192	258259	20.0
Benzene, 1-ethy...	9.138	5.5	ng/ul	70356	1	8.192	258259	20.0
o-Cymene	9.190	8.2	ng/ul	106254	1	8.192	258259	20.0
Benzene, 2-ethy...	9.290	13.2	ng/ul	170790	1	8.192	258259	20.0
unknown-02	9.537	8.7	ng/ul	111788	1	8.192	258259	20.0
unknown-03	9.637	3.5	ng/ul	60119	2	11.024	342738	20.0
Benzene, 1,2,4,...	9.825	5.2	ng/ul	89189	2	11.024	342738	20.0
Benzene, 1,2,3,...	9.884	6.3	ng/ul	108618	2	11.024	342738	20.0
Ethanol, 2-(2-b...	10.765	12.2	ng/ul	208282	2	11.024	342738	20.0
(DEL) Alkane: S...	11.993	2.7	ng/ul	46213	2	11.024	342738	20.0
(DEL) Alkane: S...	13.327	2.3	ng/ul	48014	3	14.831	424523	20.0
(DEL) Alkane: S...	13.615	2.7	ng/ul	57207	3	14.831	424523	20.0
unknown-04	15.601	7.7	ng/ul	164064	3	14.831	424523	20.0
unknown-05	15.742	3.5	ng/ul	74534	3	14.831	424523	20.0
(DEL) Alkane: S...	16.511	4.7	ng/ul	97030	4	17.581	415014	20.0
4-(1,1-Dimethyl...	16.635	13.2	ng/ul	273763	4	17.581	415014	20.0
unknown-06	16.693	19.2	ng/ul	398086	4	17.581	415014	20.0
4-(7-Methylocty...	16.752	14.3	ng/ul	297526	4	17.581	415014	20.0
unknown-07	16.799	6.2	ng/ul	129312	4	17.581	415014	20.0
unknown-08	16.958	12.1	ng/ul	250840	4	17.581	415014	20.0
Phenol, 4-(1,1,...	17.022	8.5	ng/ul	176176	4	17.581	415014	20.0
Acetamide, N-(3...	17.093	10.4	ng/ul	215538	4	17.581	415014	20.0
5,6-Dihydrochry...	18.203	3.6	ng/ul	74030	4	17.581	415014	20.0
p-Dicyclohexylb...	18.991	4.0	ng/ul	82041	4	17.581	415014	20.0
cyclohexane, [1...	19.537	5.9	ng/ul	122238	4	17.581	415014	20.0
9,10-Anthracene...	19.819	3.3	ng/ul	65462	5	21.887	401935	20.0