LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059290.D
Acq On : 5 Oct 2023 10:35
Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

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-BG092723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG059290.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.449	5	10	14	rBV6	17661	35106	1.56%	0.097%
2	3.531	22	24	26	rVB2	10518	8535	0.38%	0.024%
3	3.566	26	30	34	rVV2	27123	40395	1.80%	0.111%
4	3.613	34	38	43	rVB3	13532	22790	1.01%	0.063%
5	3.701	50	53	56	rBV4	7732	10912	0.49%	0.030%
6	3.748	56	61	65	rVV6	11557	22932	1.02%	0.063%
7	3.813	66	72	80	rVV	386688	626993	27.91%	1.728%
8	3.884	80	84	89	rVB3	20941	32856	1.46%	0.091%
9	3.966	89	98	104	rBV	101858	190951	8.50%	0.526%
10	4.019	104	107	111	rVB3	13882	20116	0.90%	0.055%
11	4.083	116	118	120	rVV3	9329	11181	0.50%	0.031%
12	4.125	121	125	130	rVV3	23895	45803	2.04%	0.126%
13	4.183	131	135	143	rVB6	24301	49747	2.21%	0.137%
14	4.271	143	150	153	rBV5	16245	31261	1.39%	0.086%
15	4.424	170	176	181	rBV	53882	98650	4.39%	0.272%
16	4.471	181	184	187	rVV4	28708	46746	2.08%	0.129%
17	4.542	190	196	203	rVV	220859	378864	16.86%	1.044%
18	4.642	203	213	220	rVB	292511	489264	21.78%	1.348%
19	4.771	225	235	243	rBV5	45293	119780	5.33%	0.330%
20	4.847	243	248	258	rVB5	37282	83003	3.69%	0.229%
21	4.941	258	264	270	rBV2	28272	56507	2.52%	0.156%
22	5.000	270	274	278	rBV	24048	31027	1.38%	0.086%
23	5.053	278	283	289	rBV	121650	194838	8.67%	0.537%
24	5.112	289	293	296	rBV2	30130	37891	1.69%	0.104%
25	5.147	296	299	304	rVB	32940	48674	2.17%	0.134%
26	5.235	307	314	318	rBV6	22766	55221	2.46%	0.152%
27	5.358	331	335	340	rVB3	92036	145484	6.48%	0.401%
28	5.405	340	343	349	rVB2	50436	70006	3.12%	0.193%
29	5.494	349	358	363	rBV9	17512	42215	1.88%	0.116%
30	5.588	366	374	379	rBV2	38480	66125	2.94%	0.182%
31	5.664	379	387	392	rBV	196734	333779	14.86%	0.920%
32	5.858	416	420	425	rVB2	24422	34597	1.54%	0.095%
33	5.969	431	439	443	rVB6	27581	66642	2.97%	0.184%
34	6.022	443	448	450	rBV3	18452	31820	1.42%	0.088%
35	6.081	450	458	465	rVB3	187064	378938	16.87%	1.044%
36	6.163	465	472	476	rBV6	48903	107322	4.78%	0.296%

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Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

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-BG092723.MA.M
Title : SVOA CALIBRATION

37	6.257	485	488	495	rVB5	38419	63381	2.82%	0.175%
38	6.351	499	504	507	rVB5	12584	20434	0.91%	0.056%
39	6.422	510	516	517	rBV3	29800	48908	2.18%	0.135%
40	6.475	523	525	531	rVB3	39478	55281	2.46%	0.152%
41	6.533	531	535	538	rVB3	11159	15432	0.69%	0.043%
42	6.616	544	549	551	rBV5	21061	36372	1.62%	0.100%
43	6.663	551	557	564	rVV3	256384	449445	20.01%	1.239%
44	6.792	573	579	583	rBV3	36683	64653	2.88%	0.178%
45	6.839	583	587	594	rVB6	49705	93336	4.15%	0.257%
46	6.968	604	609	613	rVB5	33047	58709	2.61%	0.162%
47	7.039	613	621	628	rVB5	35065	94723	4.22%	0.261%
48	7.103	629	632	634	rBV4	10536	13138	0.58%	0.036%
49	7.162	637	642	647	rVV	154520	228618	10.18%	0.630%
50	7.227	647	653	658	rVB3	82125	149492	6.65%	0.412%
51	7.280	658	662	664	rBV3	27583	39684	1.77%	0.109%
52	7.321	665	669	673	rVV2	72688	120519	5.36%	0.332%
53	7.403	674	683	689	rVV4	151253	364739	16.24%	1.005%
54	7.474	689	695	701	rVB	470634	785595	34.97%	2.165%
55	7.550	701	708	716	rBV2	301561	728099	32.41%	2.007%
56	7.626	716	721	726	rVB2	194219	361534	16.09%	0.996%
57	7.750	736	742	759	rVB2	238621	652318	29.04%	1.798%
58	7.902	762	768	771	rBV9	23375	48460	2.16%	0.134%
59	7.967	772	779	783	rBV2	203633	363106	16.16%	1.001%
60	8.049	789	793	797	rBV3	60114	94035	4.19%	0.259%
61	8.090	797	800	808	rVB4	88646	150518	6.70%	0.415%
62	8.226	811	823	827	rBV3	192010	511871	22.78%	1.411%
63	8.284	827	833	848	rVB2	884873	2062762	91.82%	5.685%
64	8.419	852	856	860	rBV7	18347	30034	1.34%	0.083%
65	8.490	863	868	878	rVB6	118722	307901	13.71%	0.849%
66	8.584	879	884	890	rBV3	152535	321716	14.32%	0.887%
67	8.637	890	893	897	rVB4	54478	75270	3.35%	0.207%
68	8.690	897	902	906	rBV	138621	229793	10.23%	0.633%
69	8.796	916	920	925	rVB	168555	270164	12.03%	0.745%
70	8.872	925	933	935	rBV3	121367	263084	11.71%	0.725%
71	8.937	941	944	952	rVB2	250885	451018	20.08%	1.243%
72	9.007	952	956	960	rBV	51832	92876	4.13%	0.256%
73	9.125	971	976	979	rBV2	149539	250220	11.14%	0.690%
74	9.571	1049	1052	1056	rVB5	94232	116731	5.20%	0.322%
75	9.894	1102	1107	1116	rVB3	291195	530881	23.63%	1.463%
76	9.988	1118	1123	1127	rBV3	233104	418154	18.61%	1.152%

LSC Area Percent Report

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Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

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-BG092723.MA.M
Title : SVOA CALIBRATION

77	10.082	1133	1139	1144	rBV3	568702	1107962	49.32%	3.054%
78	10.687	1234	1242	1248	rBV5	494138	1267470	56.42%	3.493%
79	10.993	1289	1294	1296	rBV5	96784	178779	7.96%	0.493%
80	11.075	1303	1308	1316	rBV2	378316	878858	39.12%	2.422%
81	11.539	1381	1387	1388	rBV5	209231	359402	16.00%	0.991%
82	12.338	1518	1523	1529	rVB	428499	776145	34.55%	2.139%
83	13.043	1639	1643	1647	rBV4	307090	577640	25.71%	1.592%
84	13.214	1667	1672	1680	rBV5	414072	1234127	54.93%	3.401%
85	13.848	1777	1780	1785	rBV2	333515	497806	22.16%	1.372%
86	14.154	1827	1832	1833	rBV4	476866	704414	31.36%	1.941%
87	14.271	1849	1852	1857	rVB	555544	755727	33.64%	2.083%
88	14.571	1899	1903	1909	rVB3	1183100	2246575	100.00%	6.192%
89	14.871	1950	1954	1957	rBV2	438472	618007	27.51%	1.703%
90	15.858	2117	2122	2128	rVB	1120323	1724197	76.75%	4.752%
91	17.615	2418	2421	2426	rVB	522860	732295	32.60%	2.018%
92	17.714	2434	2438	2445	rVB2	920474	1508630	67.15%	4.158%
93	18.449	2560	2563	2571	rVB2	510176	718350	31.98%	1.980%
94	19.988	2820	2825	2838	rVB	1195909	1703910	75.84%	4.696%
95	21.469	3073	3077	3087	rVB2	144867	245341	10.92%	0.676%
96	21.910	3147	3152	3161	rVB	426955	734073	32.68%	2.023%
97	24.242	3545	3549	3557	rVB5	39535	77323	3.44%	0.213%
98	25.153	3693	3704	3716	rVB2	557379	1588169	70.69%	4.377%
99	25.394	3735	3745	3755	rVB	283658	819478	36.48%	2.259%
100	29.712	4471	4480	4492	rVB6	29642	128069	5.70%	0.353%

Sum of corrected areas: 36282722

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Data File : BG059290.D
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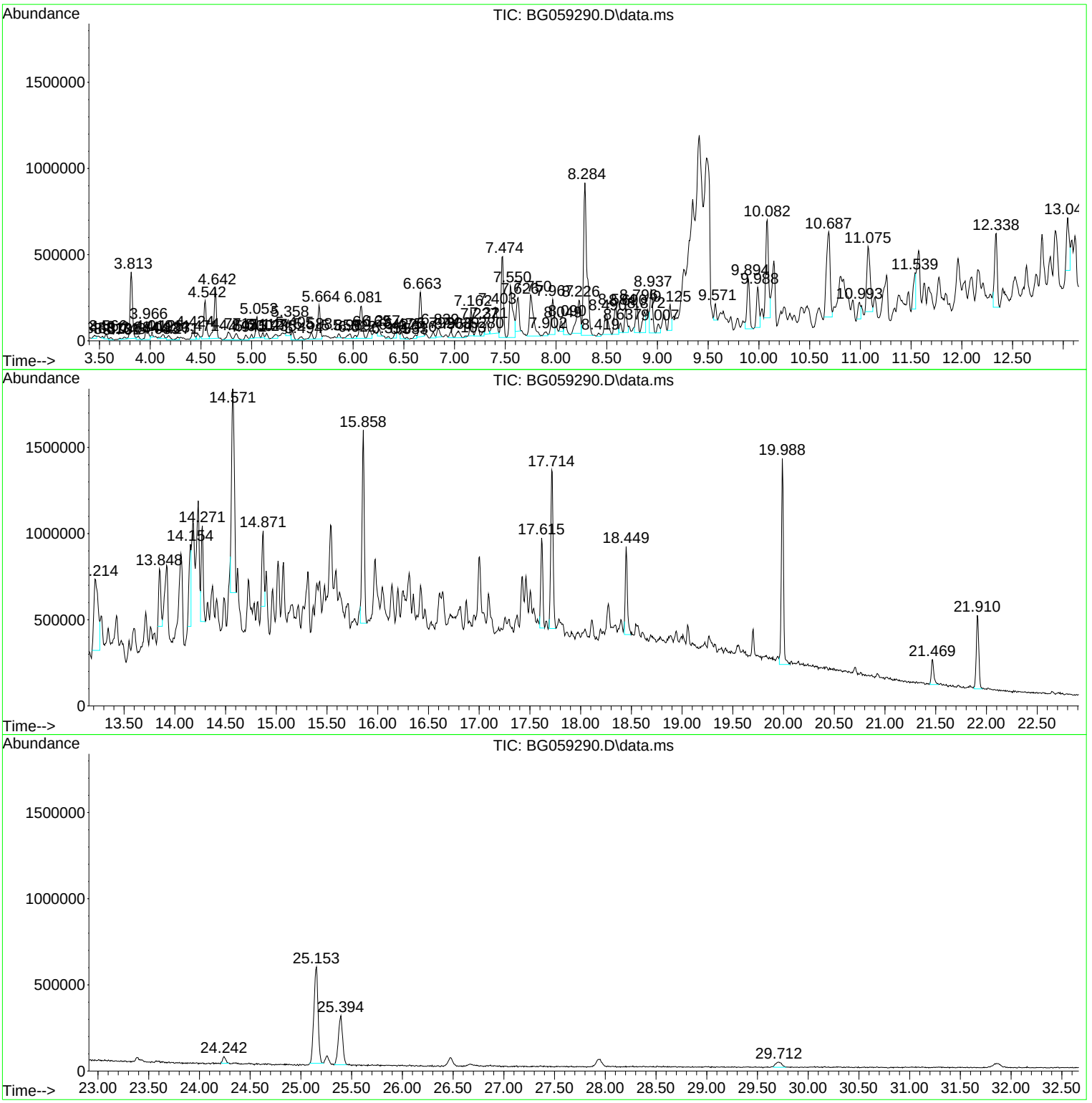
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059290.D
Acq On : 5 Oct 2023 10:35
Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

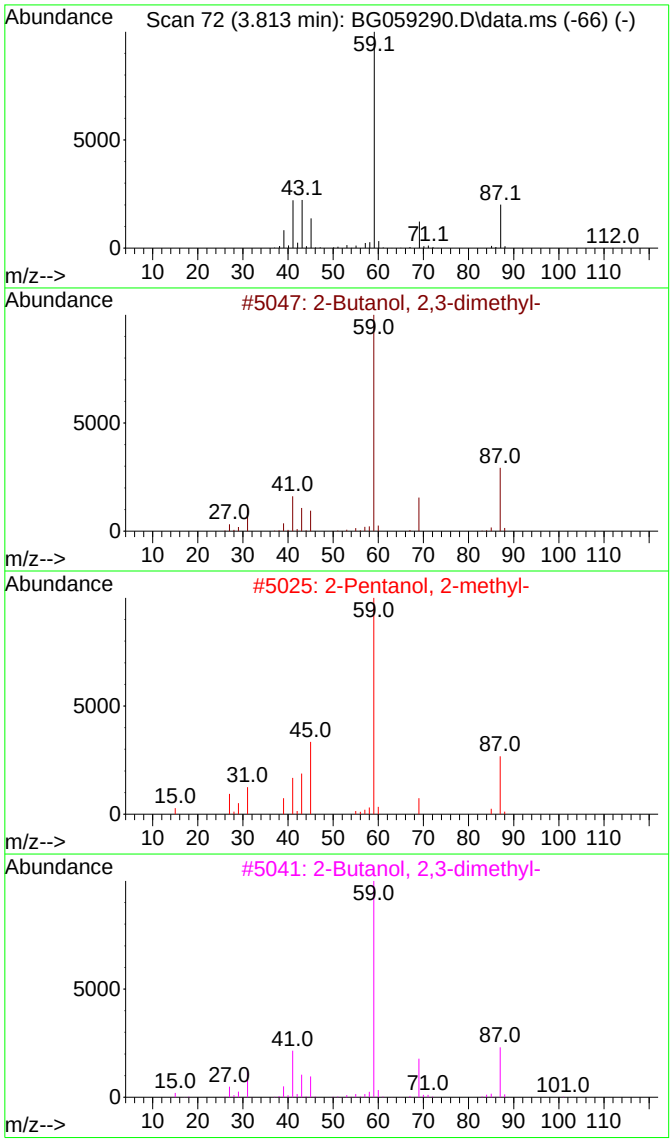
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

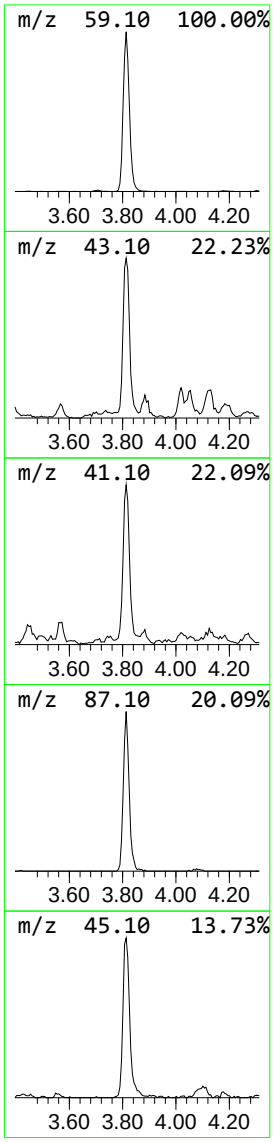
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Butanol, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.813	24.50 ng/ul	626993	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	83
2	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	56
3	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	47
4	3-Heptanol	116	C7H16O	000589-82-2	40
5	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059290.D
Acq On : 5 Oct 2023 10:35
Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

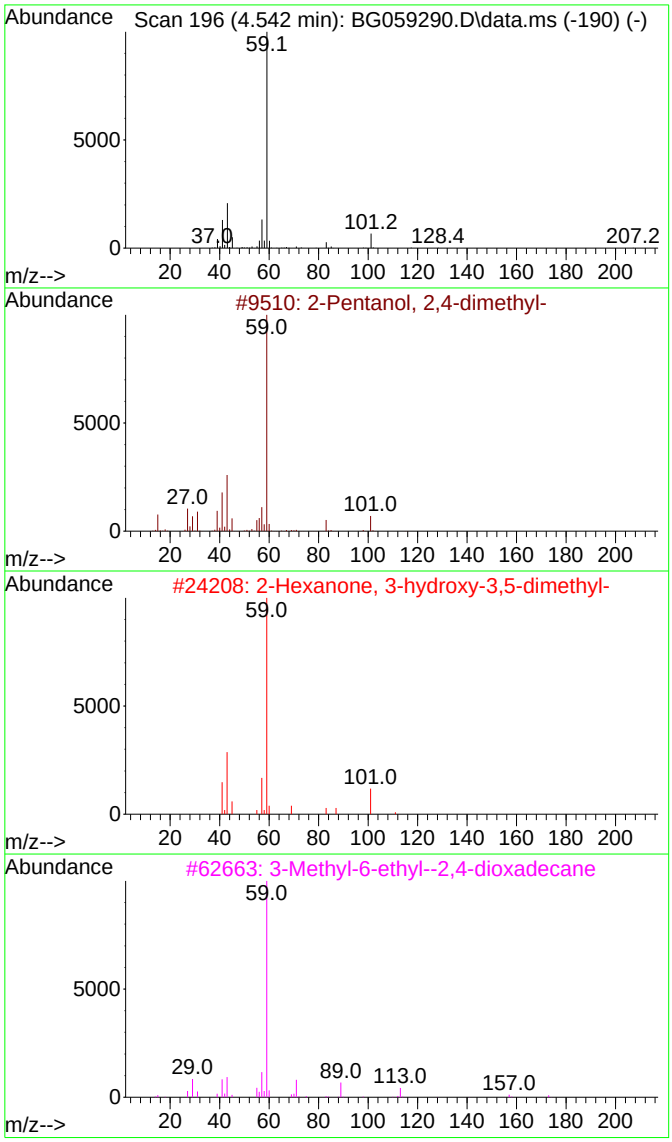
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

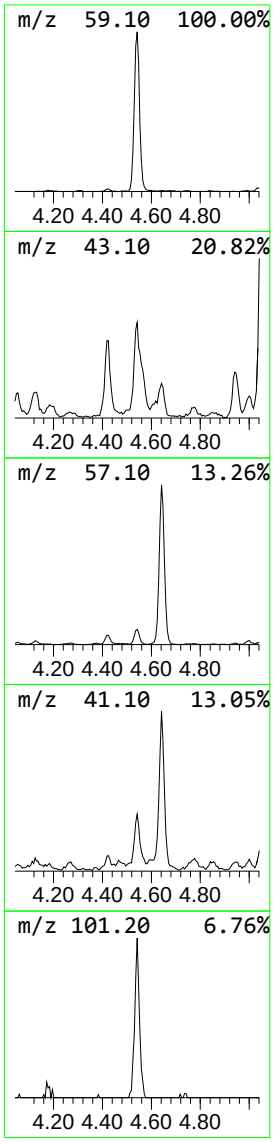
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanol, 2,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.542	14.80 ng/ul	378864	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	78
2	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	50
3	3-Methyl-6-ethyl--2,4-dioxadecane	188	C11H24O2	1000334-83-2	40
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	38
5	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
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Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

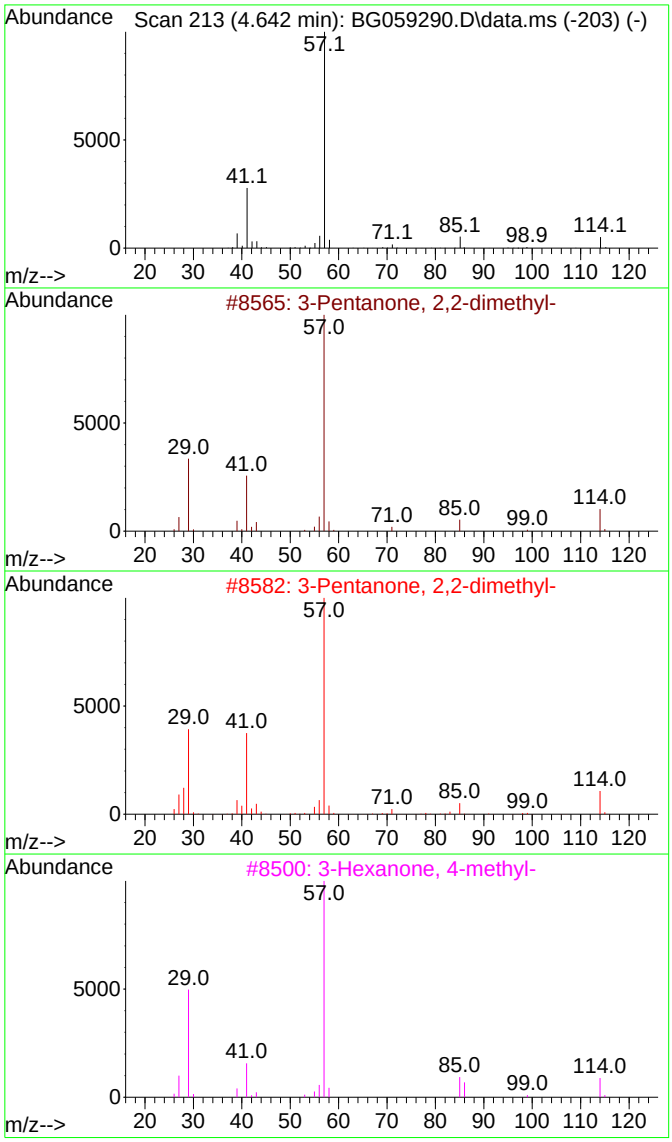
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

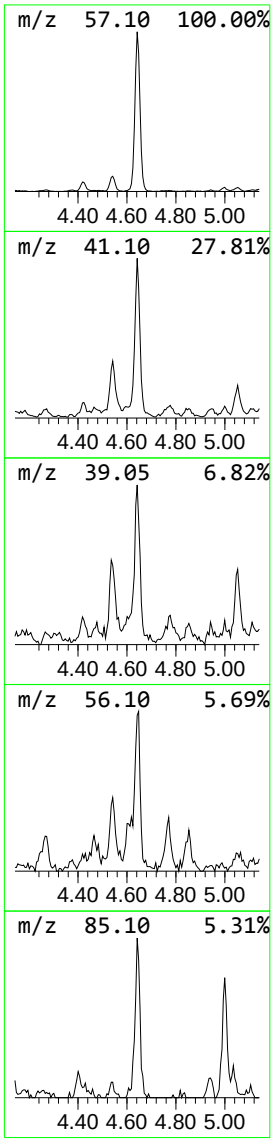
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3-Pentanone, 2,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.642	19.12 ng/ul	489264	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	78
2	3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	72
3	3-Hexanone, 4-methyl-	114	C7H14O	017042-16-9	53
4	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	50
5	Propanoic acid, 2,2-dimethyl-, t...	158	C9H18O2	016474-43-4	45





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Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

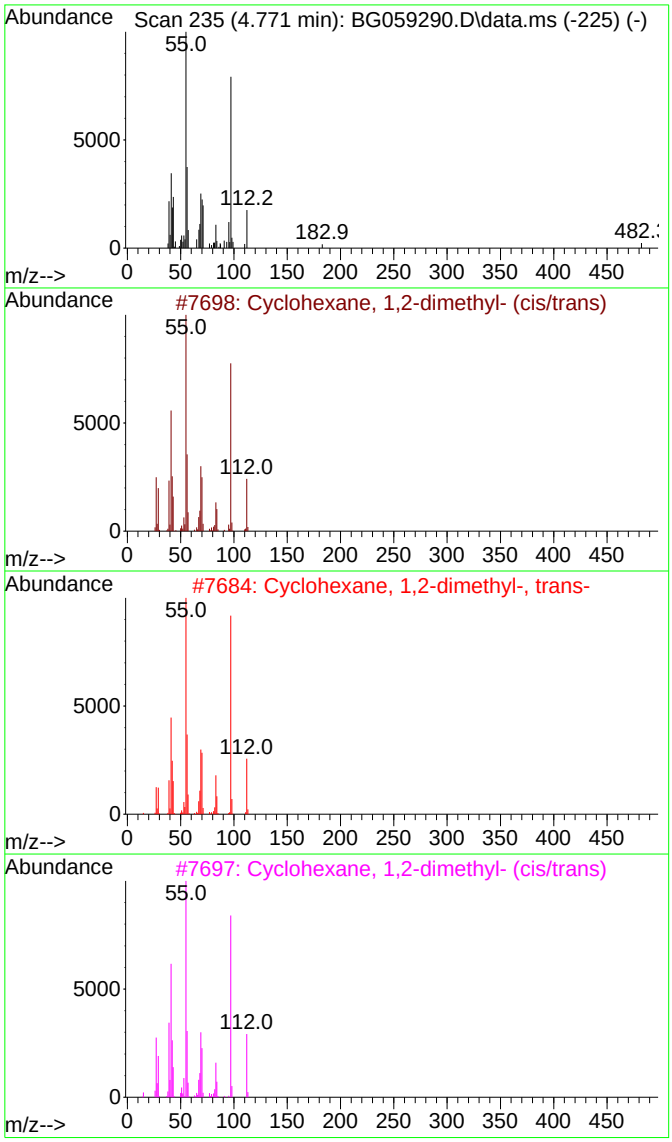
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

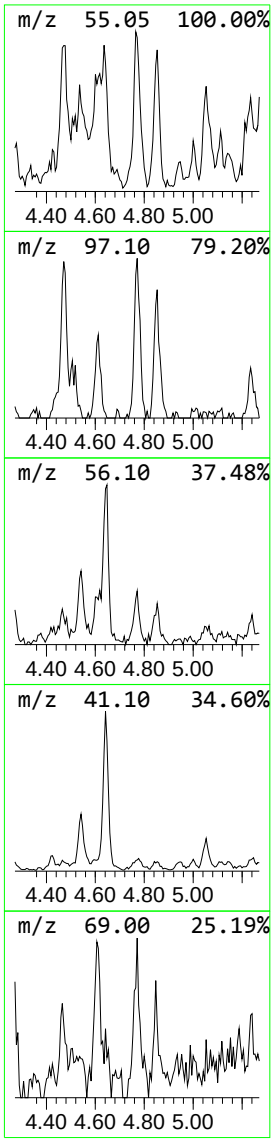
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic4.771 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.771	4.68 ng/ul	119780	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	81
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	76
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	72
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	68
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059290.D
Acq On : 5 Oct 2023 10:35
Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

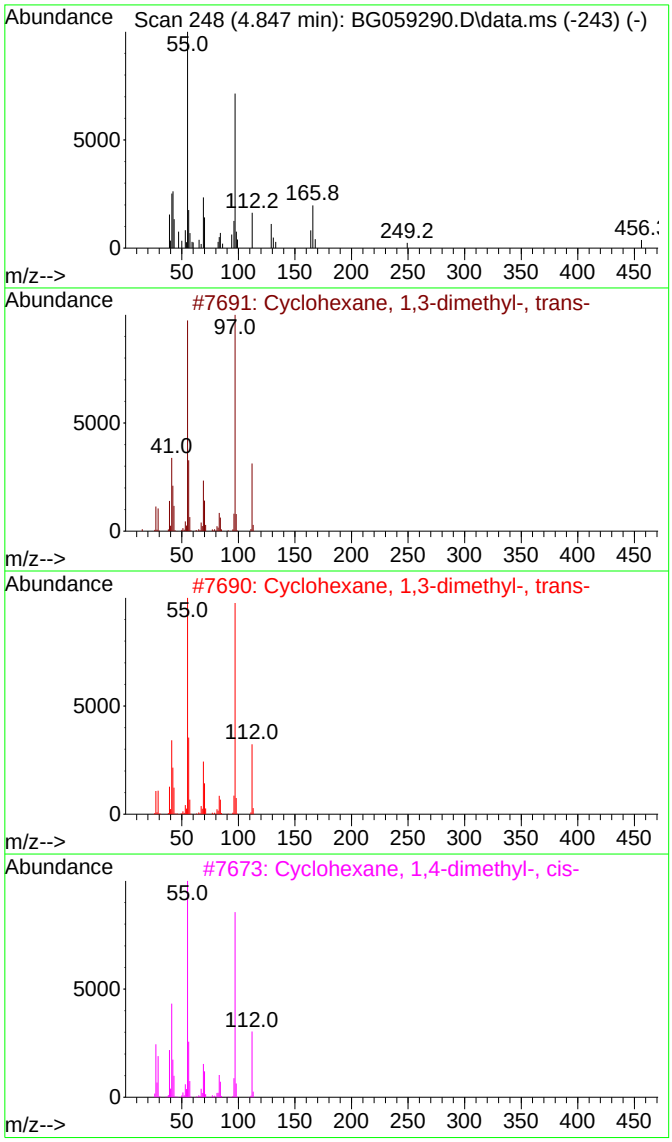
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

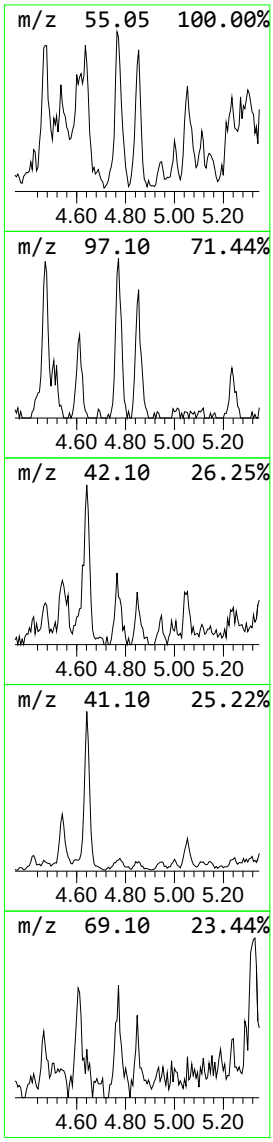
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic4.847 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.847	3.24 ng/ul	83003	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	62
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	62
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	49
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	49
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	47





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Acq On : 5 Oct 2023 10:35
Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

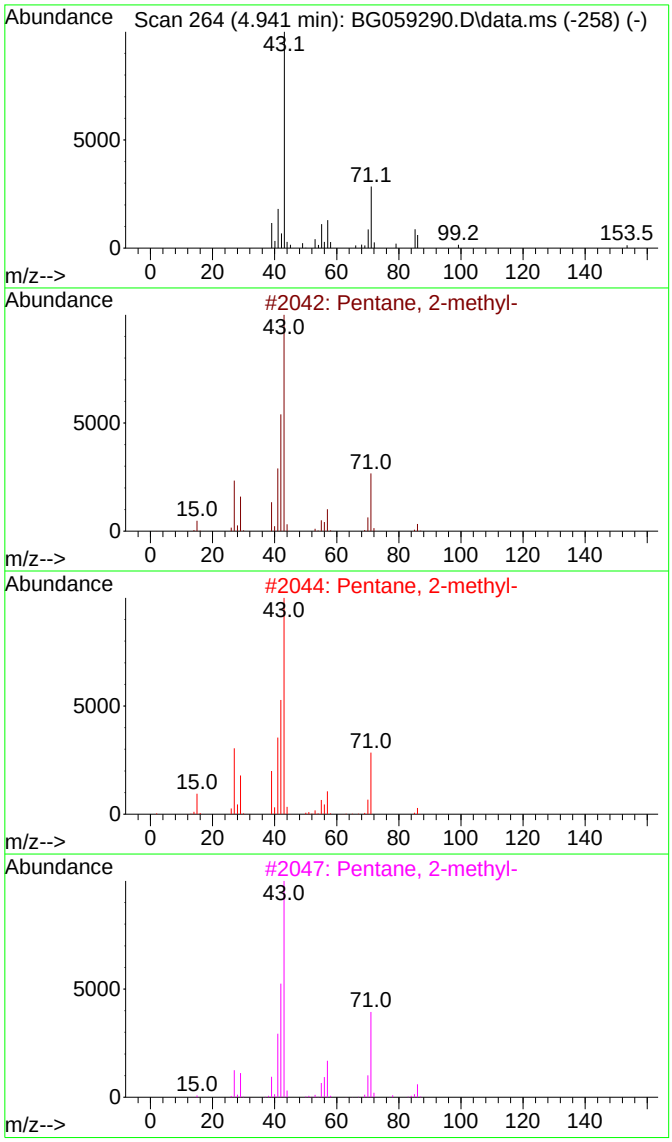
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

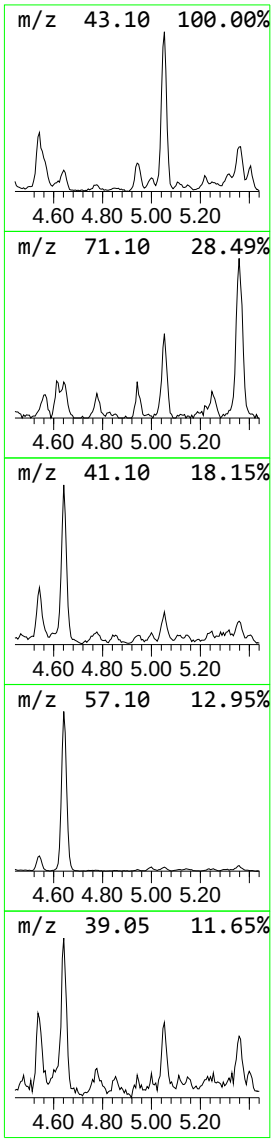
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.941	2.21 ng/ul	56507	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	64
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	64
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	53
4	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	50
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	42





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Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

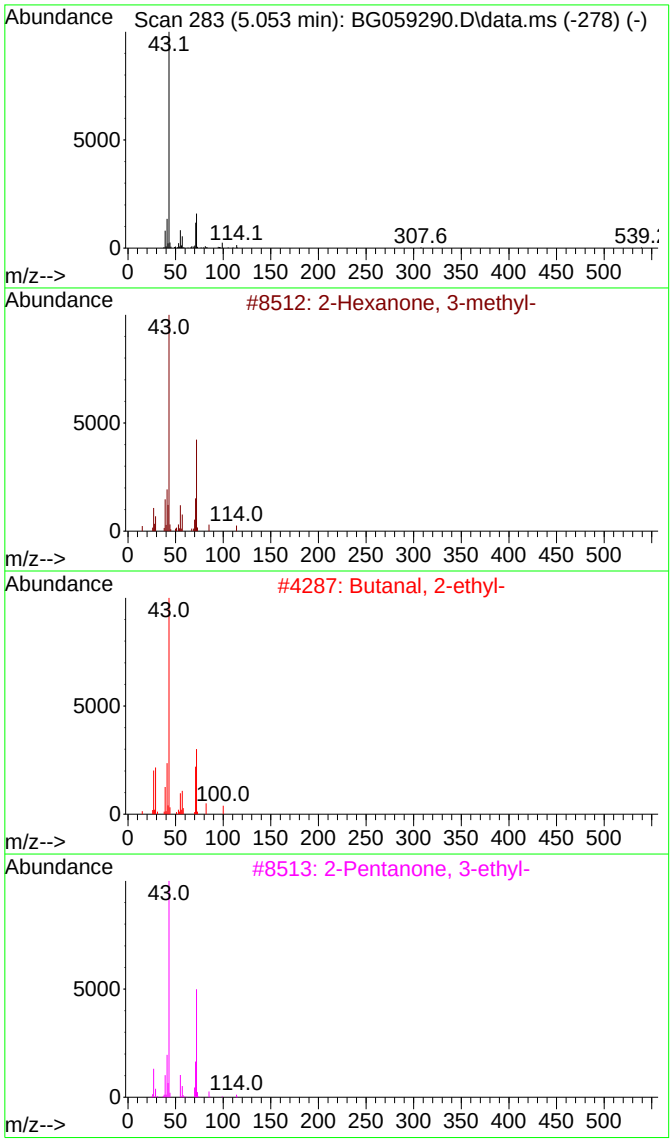
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

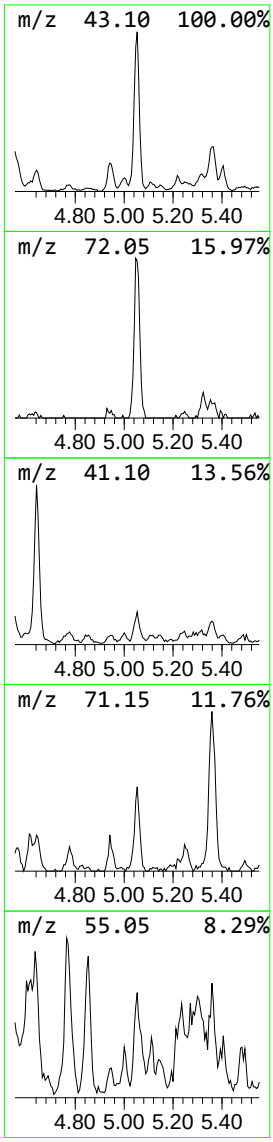
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.053	7.61 ng/ul	194838	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 3-methyl-	114	C7H14O	002550-21-2	47
2	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	47
3	2-Pentanone, 3-ethyl-	114	C7H14O	006137-03-7	33
4	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	28
5	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	28





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Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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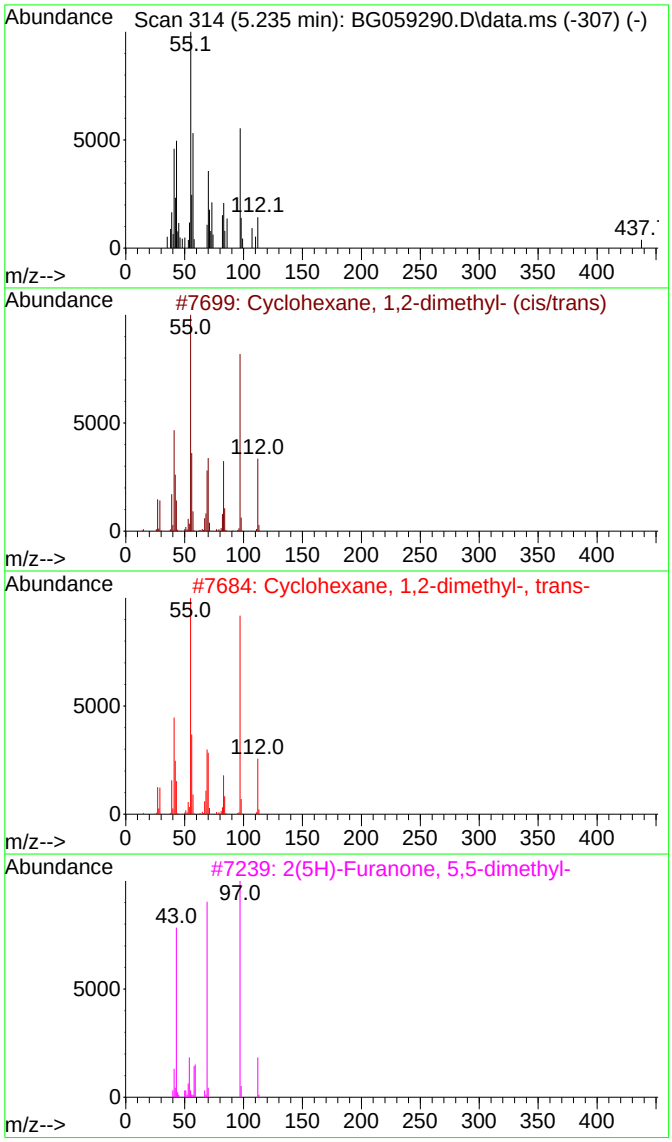
Quant Title : SVOA CALIBRATION

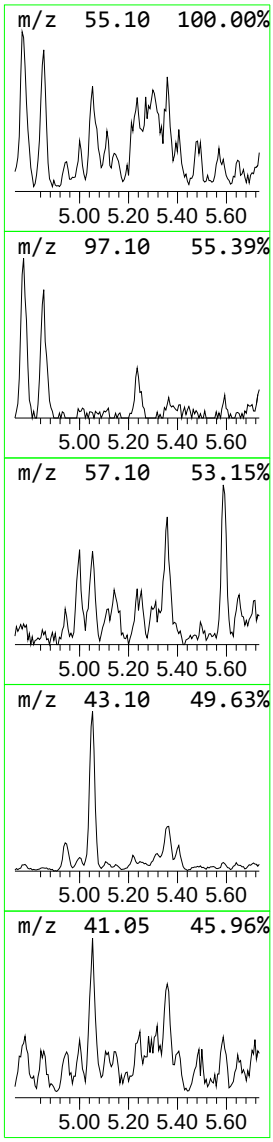
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic5.235 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.235	2.16 ng/ul	55221	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	38
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	35
3	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	27
4	3-Hepten-2-one	112	C7H12O	001119-44-4	27
5	(S)-(+)-6-Methyl-1-octanol	144	C9H20O	110453-78-6	27





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Operator : MA/JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

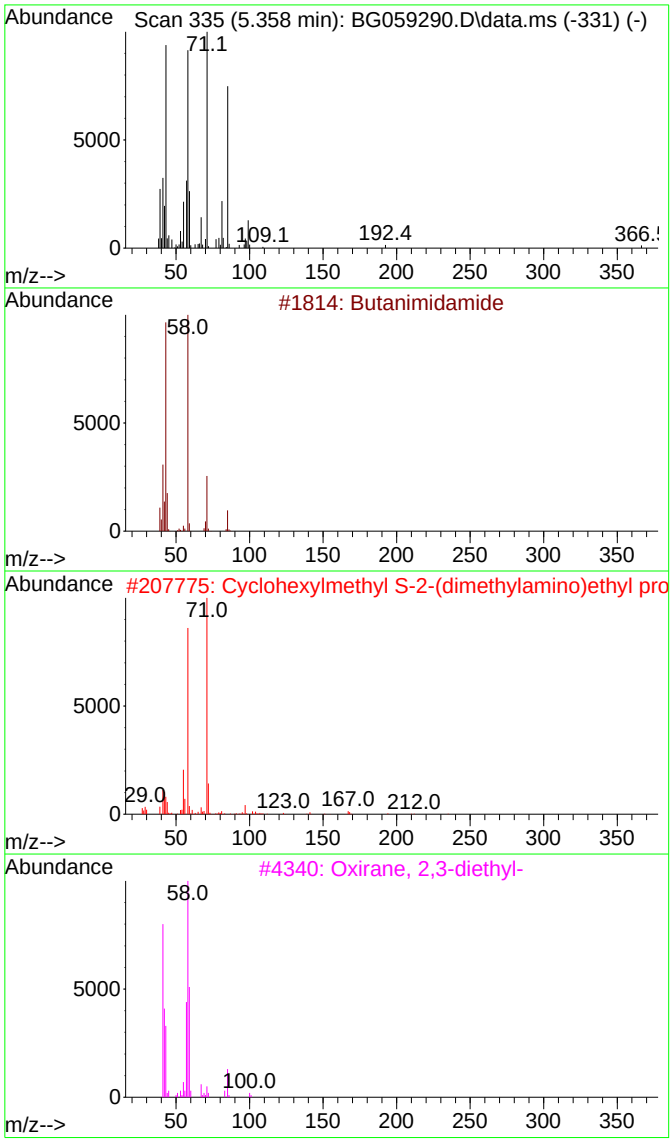
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

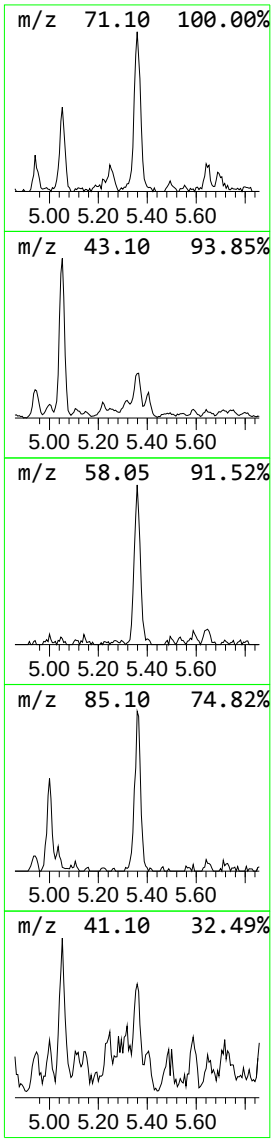
****

Peak Number 10 unknown-02 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.358	5.68 ng/ul	145484	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanimidamide	86	C4H10N2	000107-90-4	39
2	Cyclohexylmethyl S-2-(dimethylam...	307	C14H30NO2PS	1000298-43-5	38
3	Oxirane, 2,3-diethyl-	100	C6H12O	004468-66-0	38
4	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	36
5	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	32





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

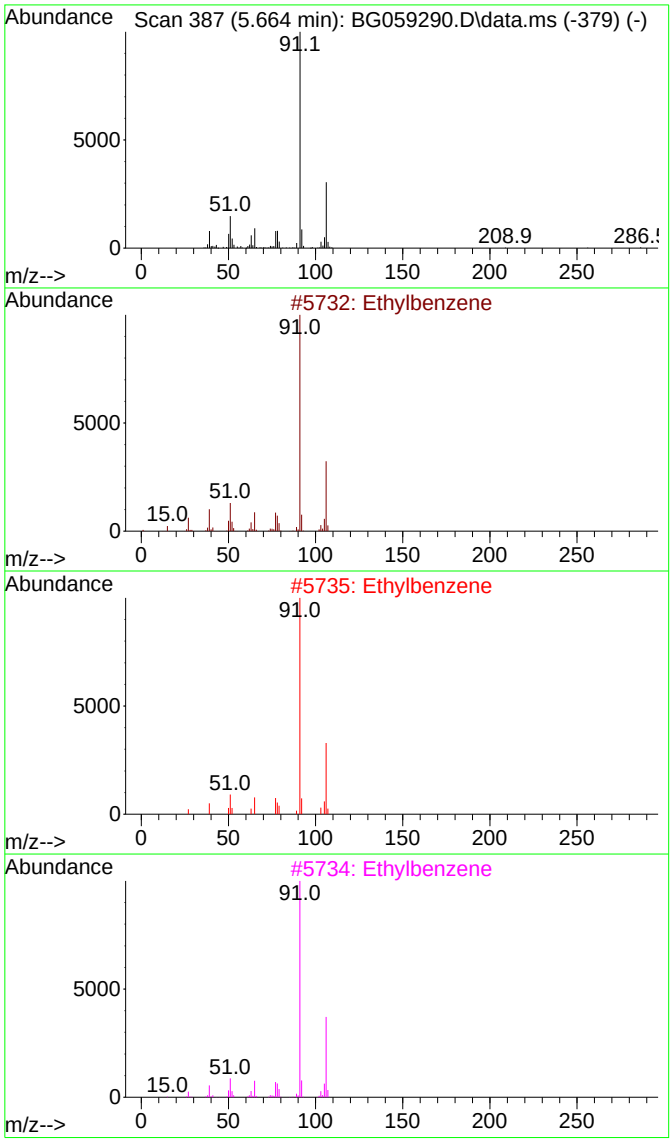
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

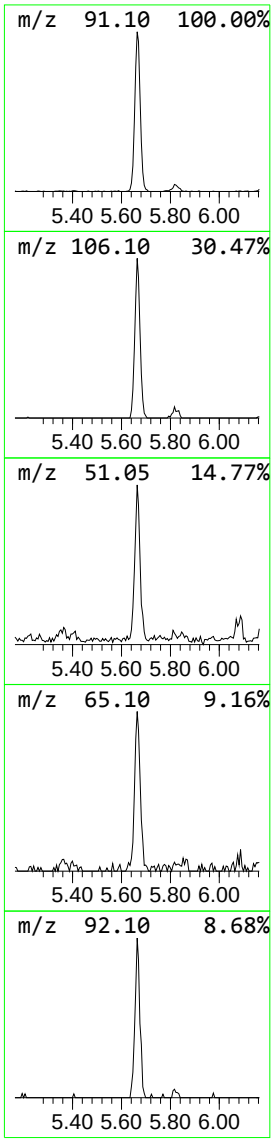
****

Peak Number 13 Ethylbenzene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.664	13.04 ng/ul	333779	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Ethylbenzene	106	C8H10	000100-41-4	90
3	Ethylbenzene	106	C8H10	000100-41-4	90
4	p-Xylene	106	C8H10	000106-42-3	86
5	p-Xylene	106	C8H10	000106-42-3	86





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Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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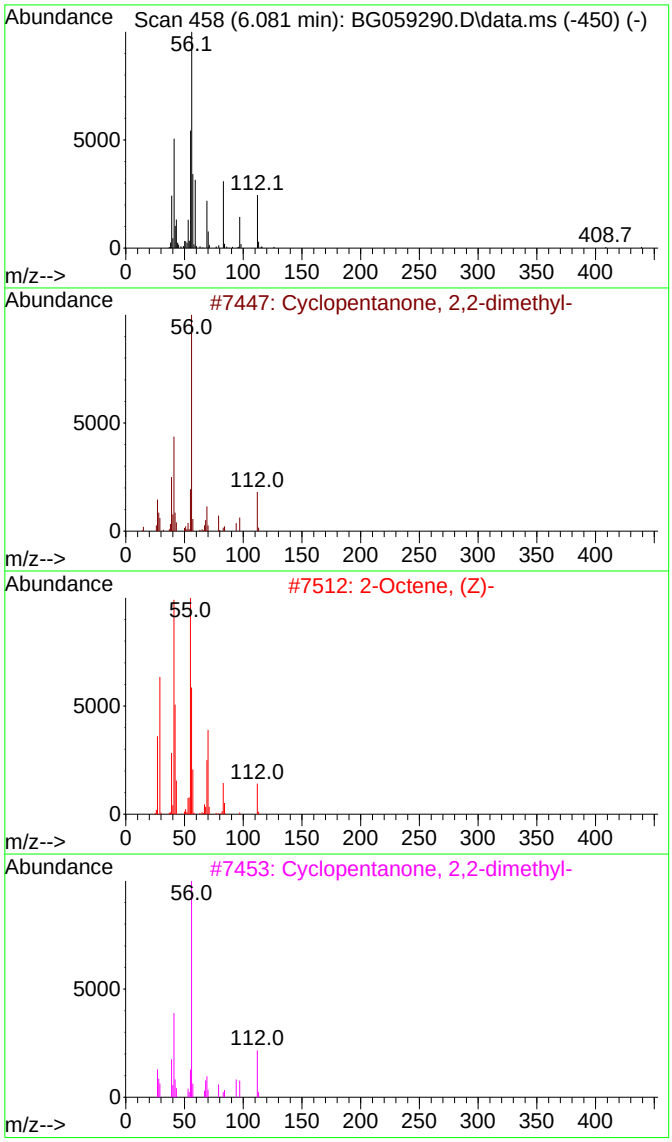
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

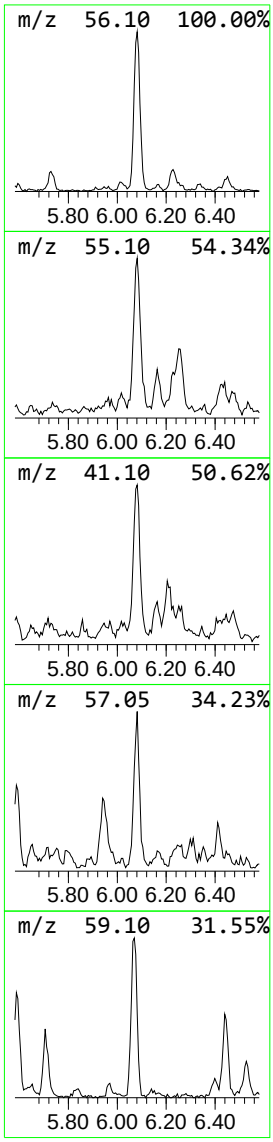
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclopentanone, 2,2-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.081	14.81 ng/ul	378938	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	53
2	2-Octene, (Z)-	112	C8H16	007642-04-8	53
3	Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	50
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	49
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	47





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Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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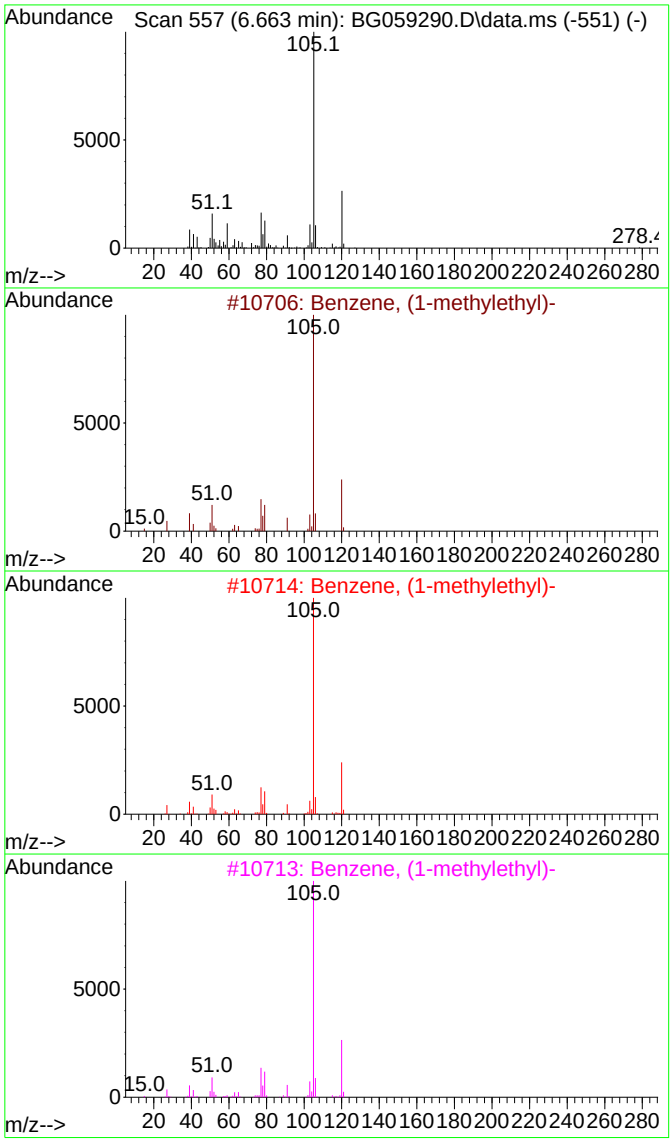
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

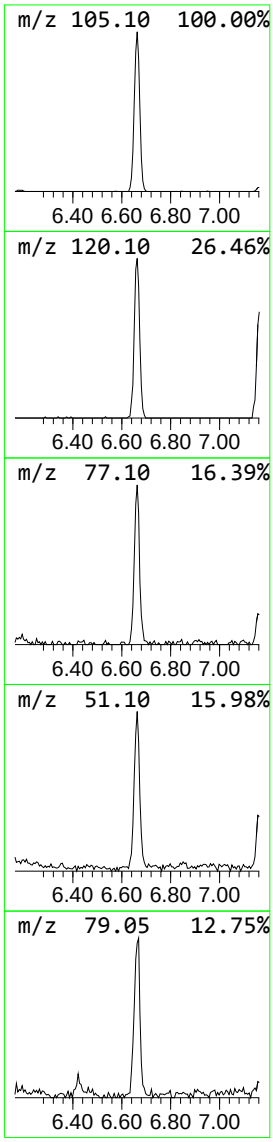
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, (1-methylethyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.663	17.56 ng/ul	449445	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	93
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	83





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Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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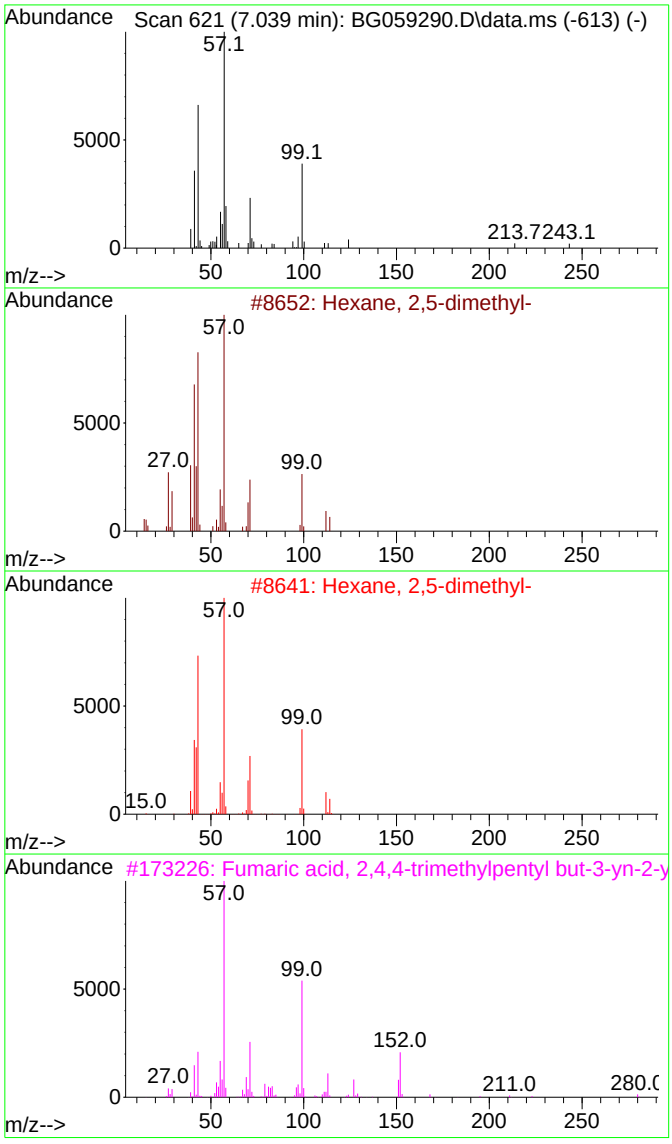
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

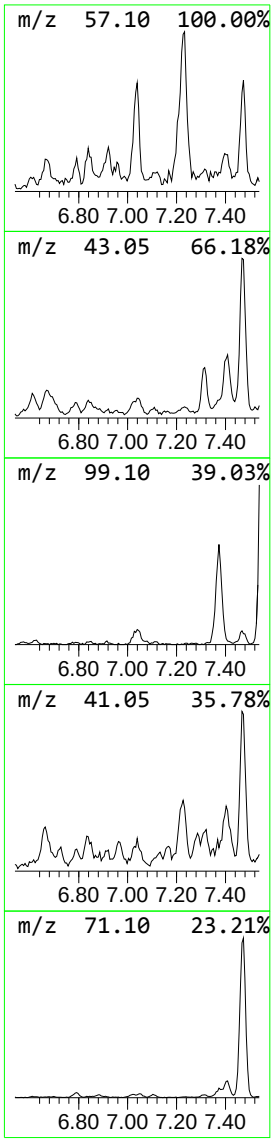
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.039	3.70 ng/ul	94723	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	43
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	42
3	Fumaric acid, 2,4,4-trimethylpen...	280	C16H24O4	1000405-60-0	40
4	Hexanoic acid, 1,1-dimethylethyl...	172	C10H20O2	002492-18-4	40
5	1-Pyrrolidinecarboxaldehyde	99	C5H9NO	003760-54-1	38





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

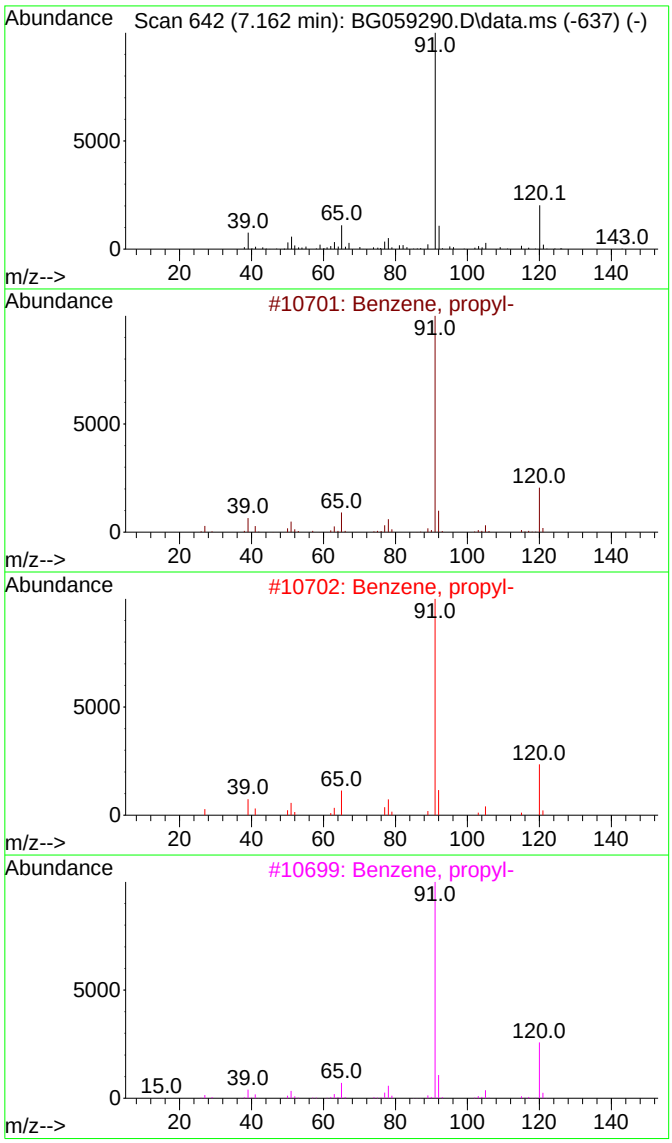
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

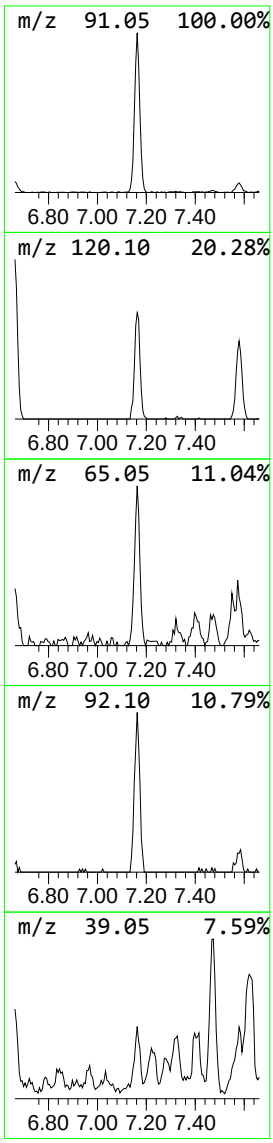
****

Peak Number 24 Benzene, propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.162	8.93 ng/ul	228618	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	80
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	59
5	2,4,6-Cycloheptatrien-1-one, 4-m...	120	C8H8O	1000327-34-9	50





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Misc :
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Instrument :
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ClientSampleId :
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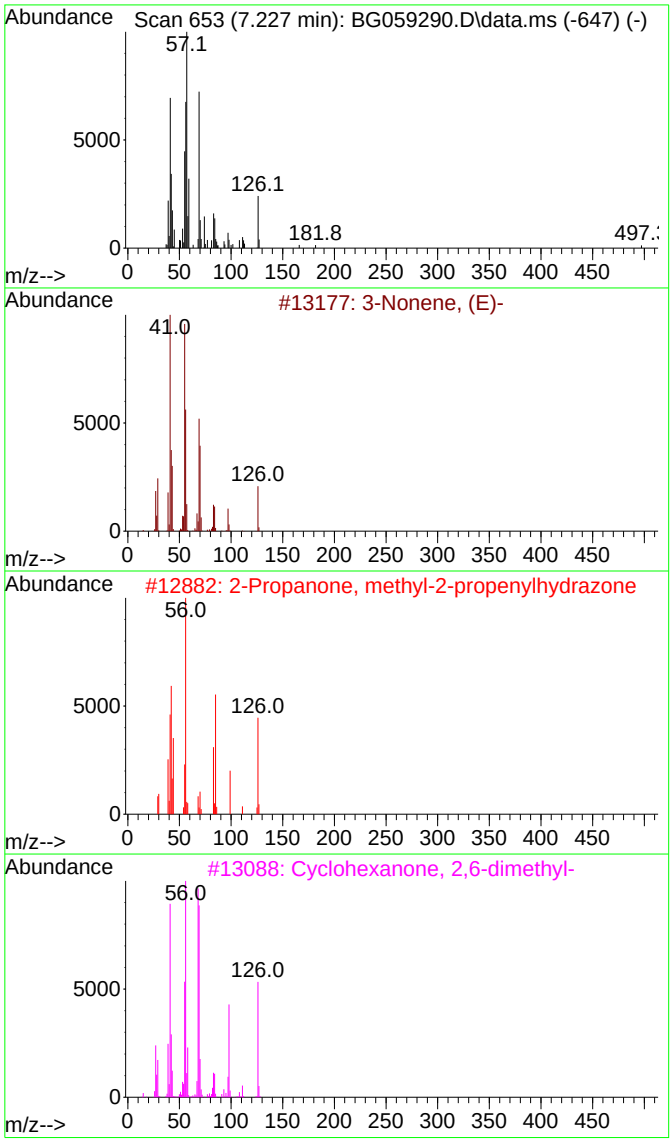
Quant Title : SVOA CALIBRATION

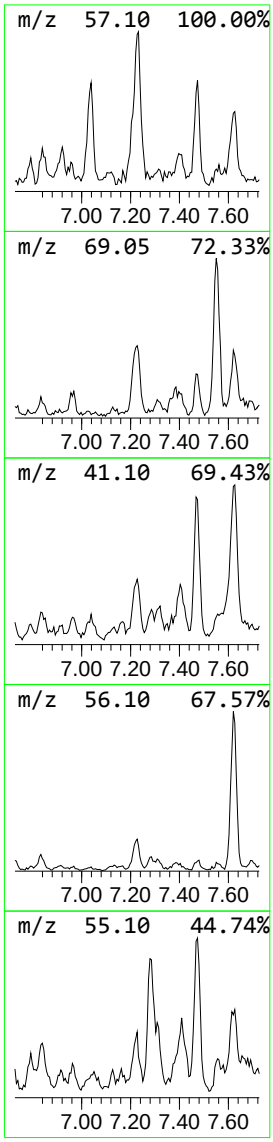
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.227	5.84 ng/ul	149492	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nonene, (E)-	126	C9H18	020063-92-7	58
2	2-Propanone, methyl-2-propenylhy...	126	C7H14N2	062237-76-7	49
3	Cyclohexanone, 2,6-dimethyl-	126	C8H14O	002816-57-1	49
4	2-Propanone, methyl-2-propenylhy...	126	C7H14N2	062237-76-7	49
5	Cyclohexanone, 2,6-dimethyl-	126	C8H14O	002816-57-1	46





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ClientSampleId :
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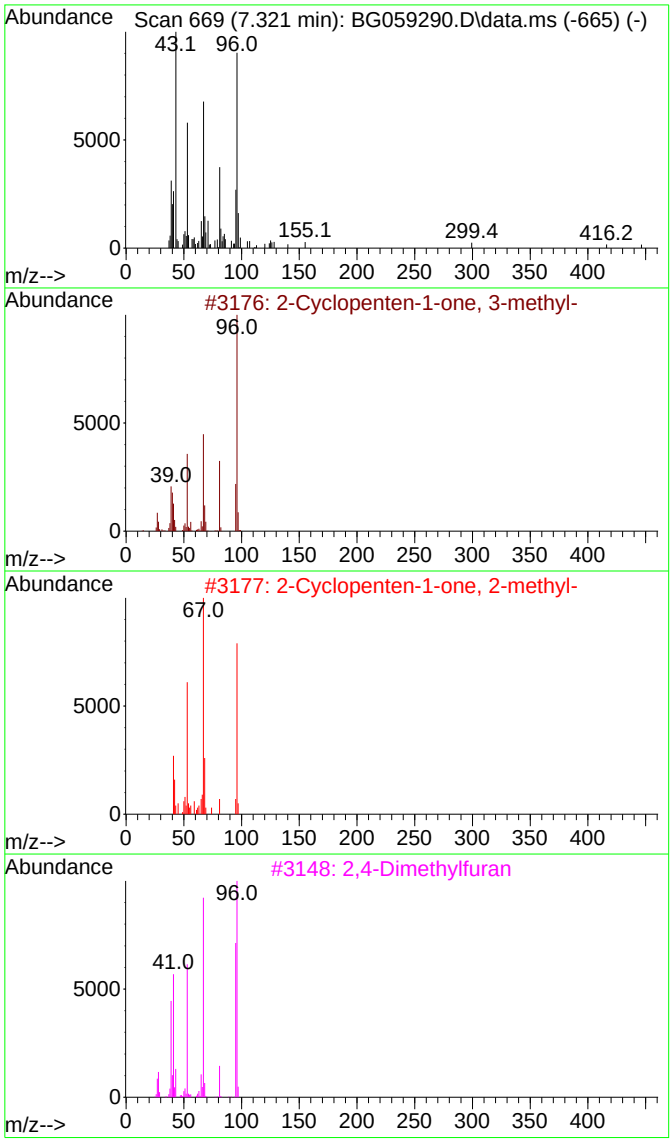
Quant Title : SVOA CALIBRATION

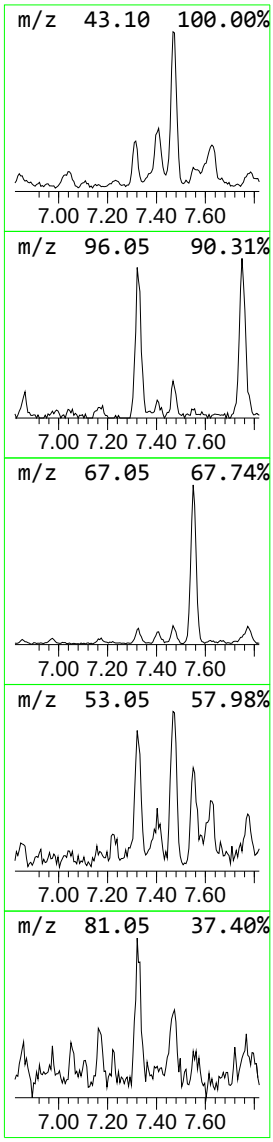
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 2-Cyclopenten-1-one, 3-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.321	4.71 ng/ul	120519	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	90
2	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	80
3	2,4-Dimethylfuran	96	C6H8O	003710-43-8	80
4	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	59
5	2,3-Diazabicyclo[2.2.1]-hept-2-ene	96	C5H8N2	002721-32-6	47





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ClientSampleId :
BBJR3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

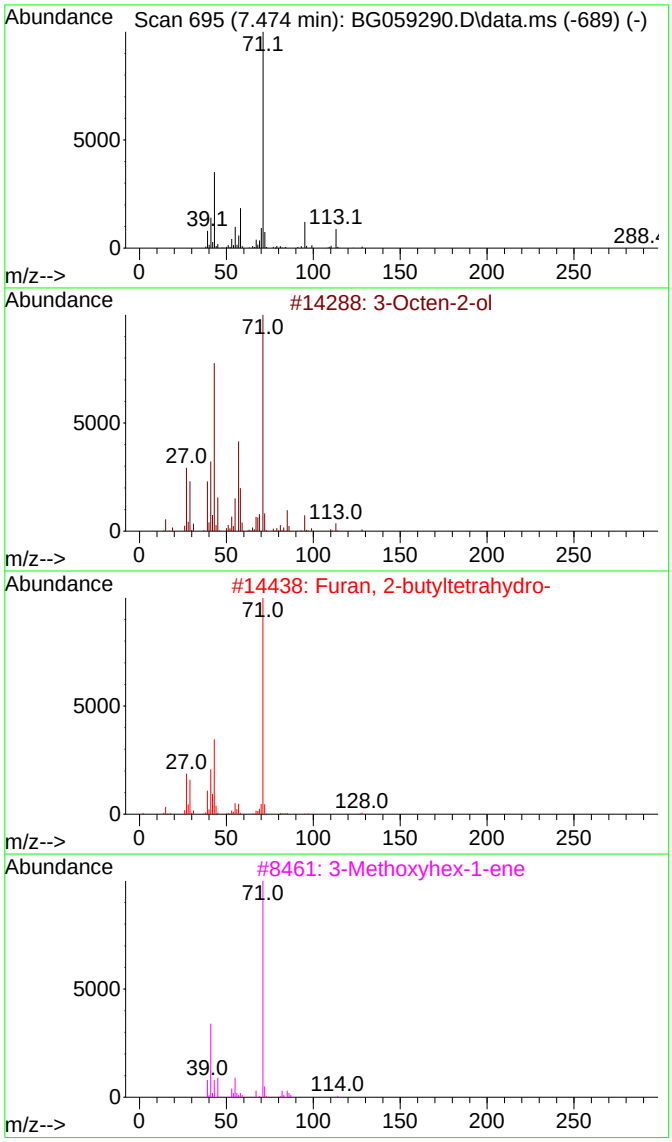
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

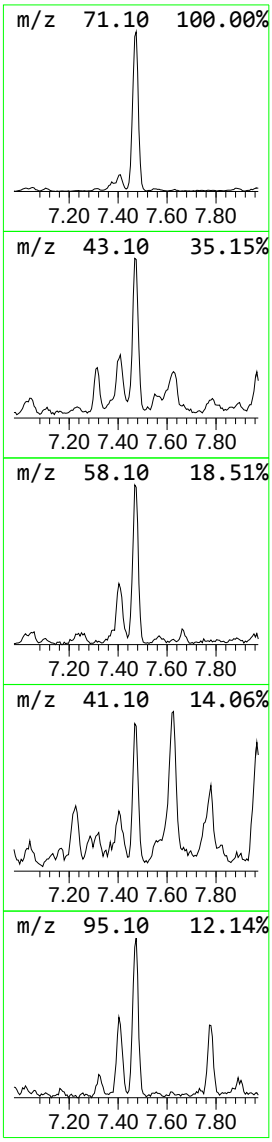
****

Peak Number 27 3-Octen-2-ol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.474	30.70 ng/ul	785595	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octen-2-ol	128	C8H16O	076649-14-4	72
2	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	58
3	3-Methoxyhex-1-ene	114	C7H14O	108811-41-2	58
4	Tetrahydrofuran, 2-propyl-	114	C7H14O	003208-22-8	53
5	2-Hepten-3-ol, 4,5-dimethyl-	142	C9H18O	055956-37-1	42





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Acq On : 5 Oct 2023 10:35
Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

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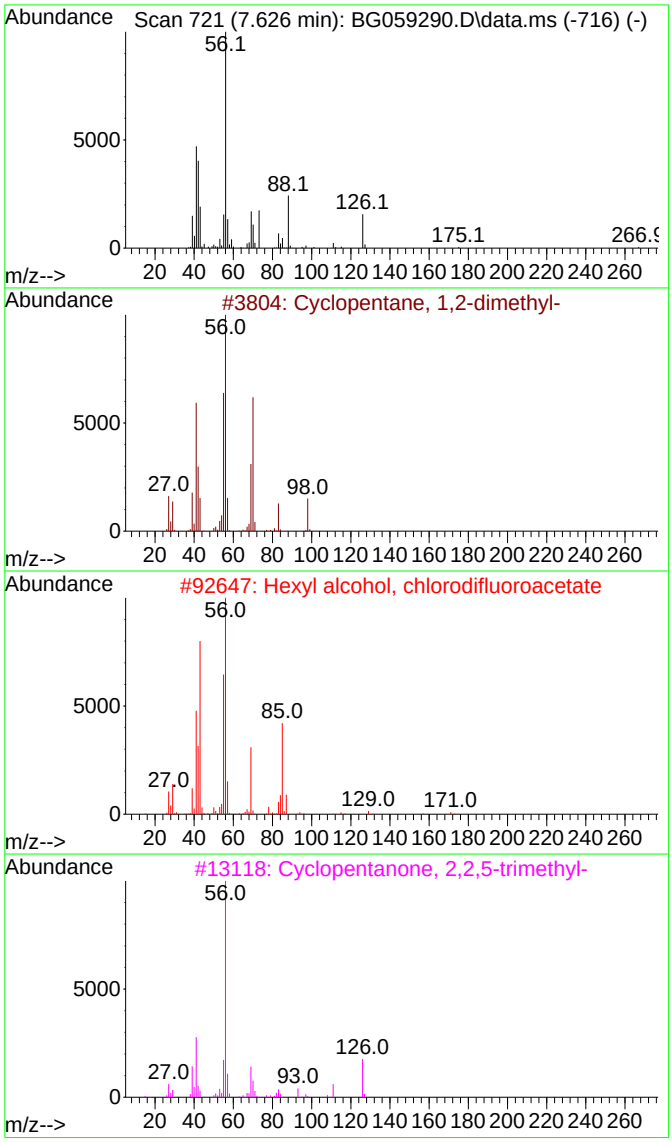
Quant Title : SVOA CALIBRATION

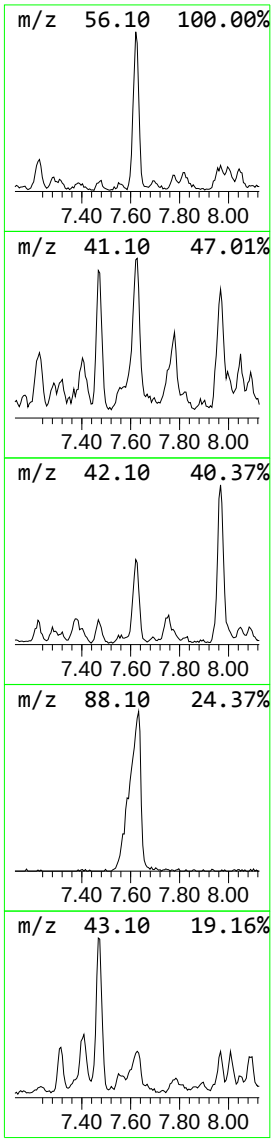
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Cyclic7.626 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.626	14.13 ng/ul	361534	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	53
2	Hexyl alcohol, chlorodifluoroace...	214	C8H13ClF2O2	1000447-24-1	50
3	Cyclopentanone, 2,2,5-trimethyl-	126	C8H14O	004573-09-5	49
4	1,4-Dioxaspiro[2.4]heptan-5-one,...	142	C7H10O3	126091-79-0	43
5	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	38





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Acq On : 5 Oct 2023 10:35
Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

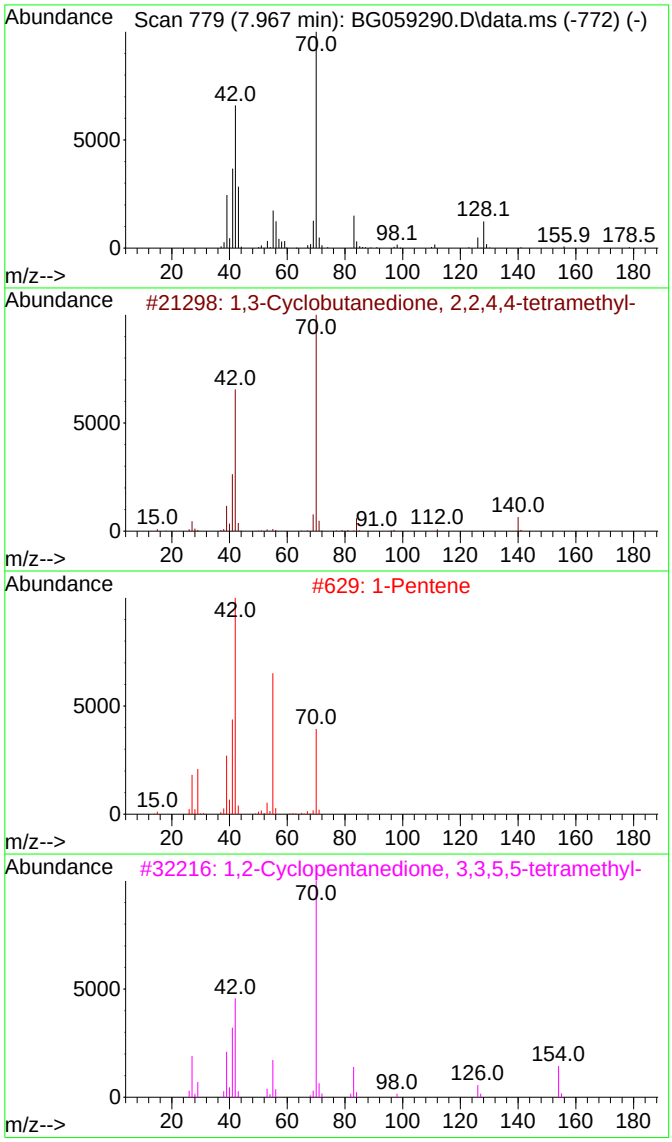
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

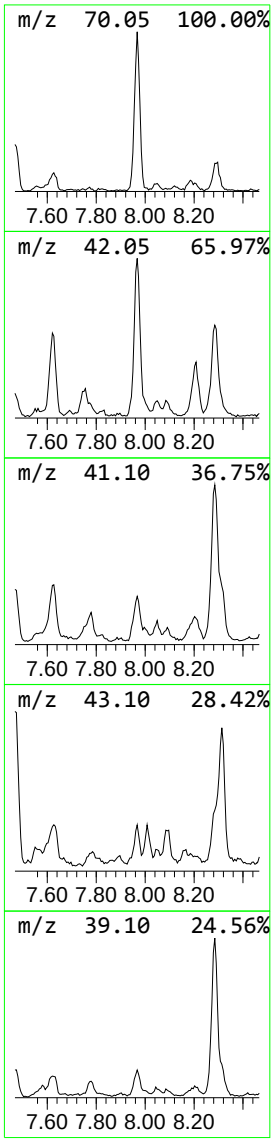
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1,3-Cyclobutanedione, 2,2,4... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.967	14.19 ng/ul	363106	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclobutanedione, 2,2,4,4-te...	140	C8H12O2	000933-52-8	59
2	1-Pentene	70	C5H10	000109-67-1	53
3	1,2-Cyclopentanedione, 3,3,5,5-t...	154	C9H14O2	020633-06-1	40
4	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	40
5	1-n-Butoxy-2,3-dimethyldiaziridine	143	C8H17NO	343928-70-1	38





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Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

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

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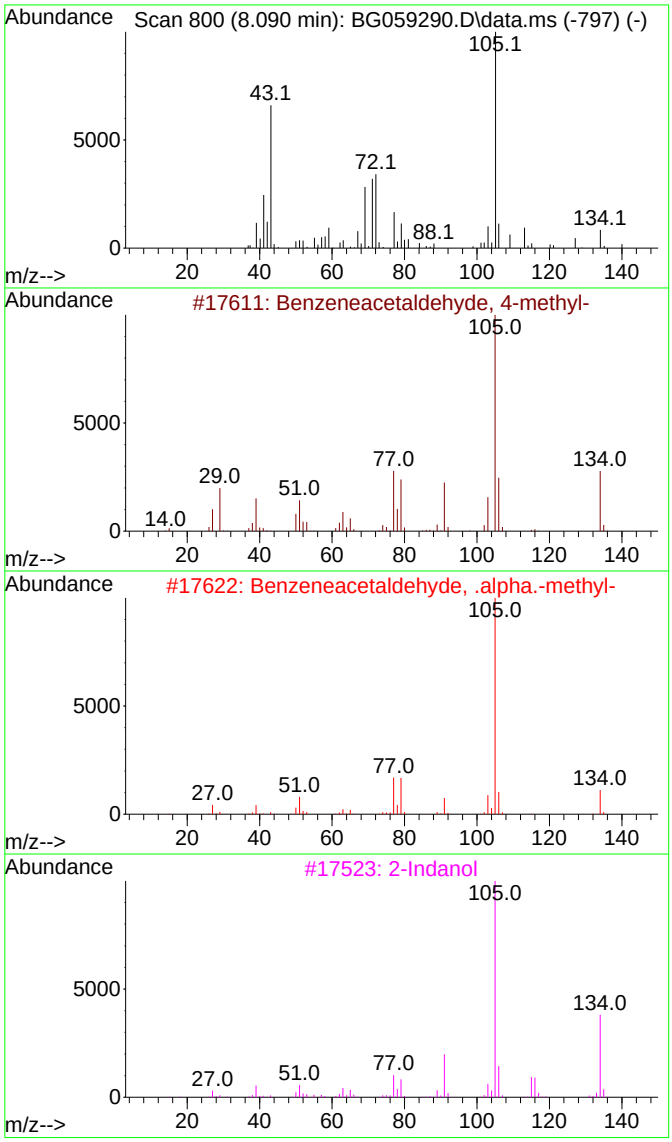
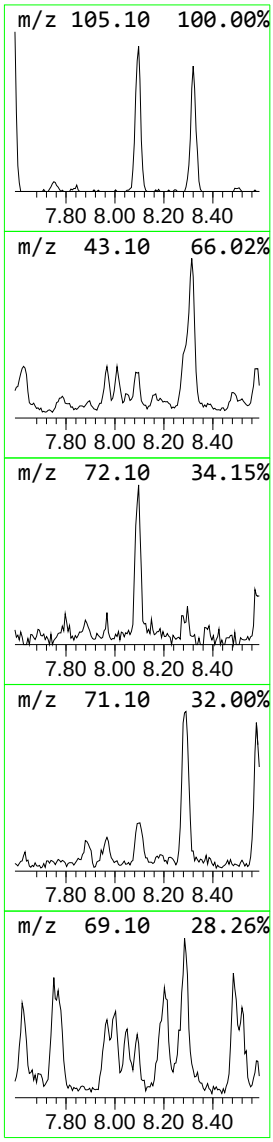
Peak Number 31 unknown-03 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.090	5.88 ng/ul	150518	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	30
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	30
3	2-Indanol	134	C9H10O	004254-29-9	27
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	27
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	27





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Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

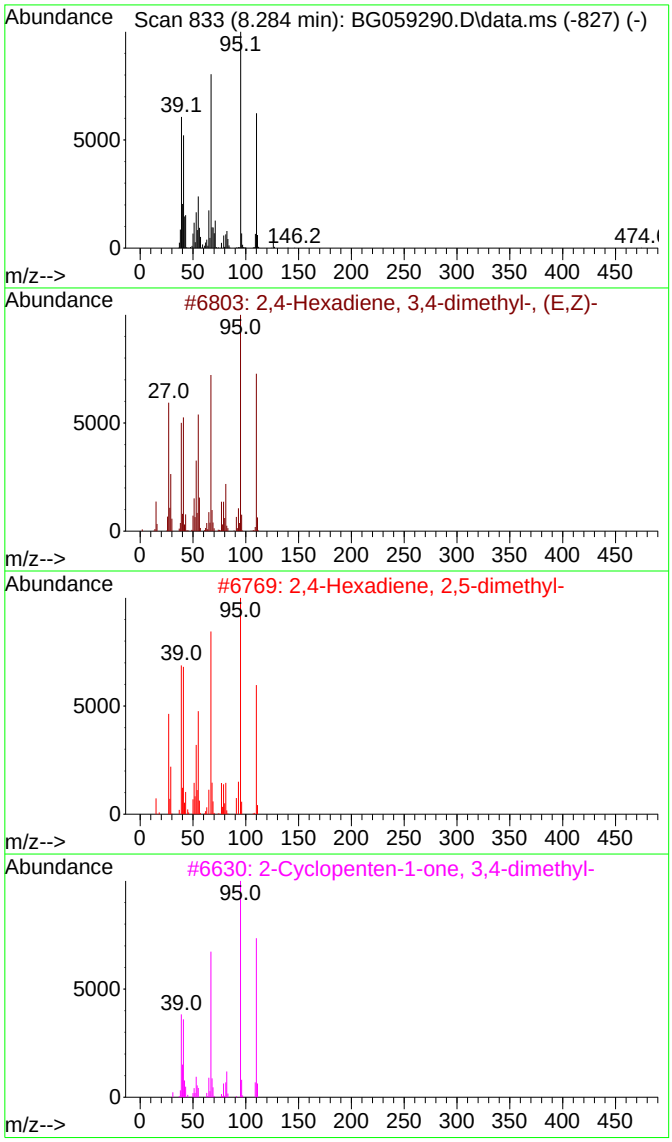
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

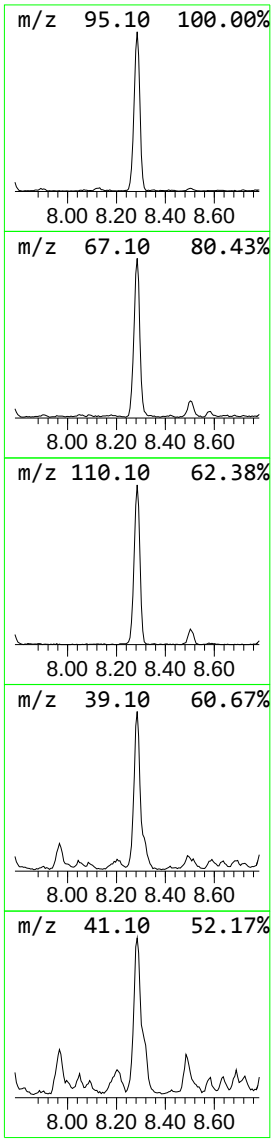
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 2,4-Hexadiene, 3,4-dimethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.284	80.60 ng/ul	2062760	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 3,4-dimethyl-, (E...	110	C8H14	002417-88-1	87
2	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	86
3	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	81
4	4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	72
5	Bicyclo[2.2.1]heptane-2-carboxal...	124	C8H12O	003574-55-8	43





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Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

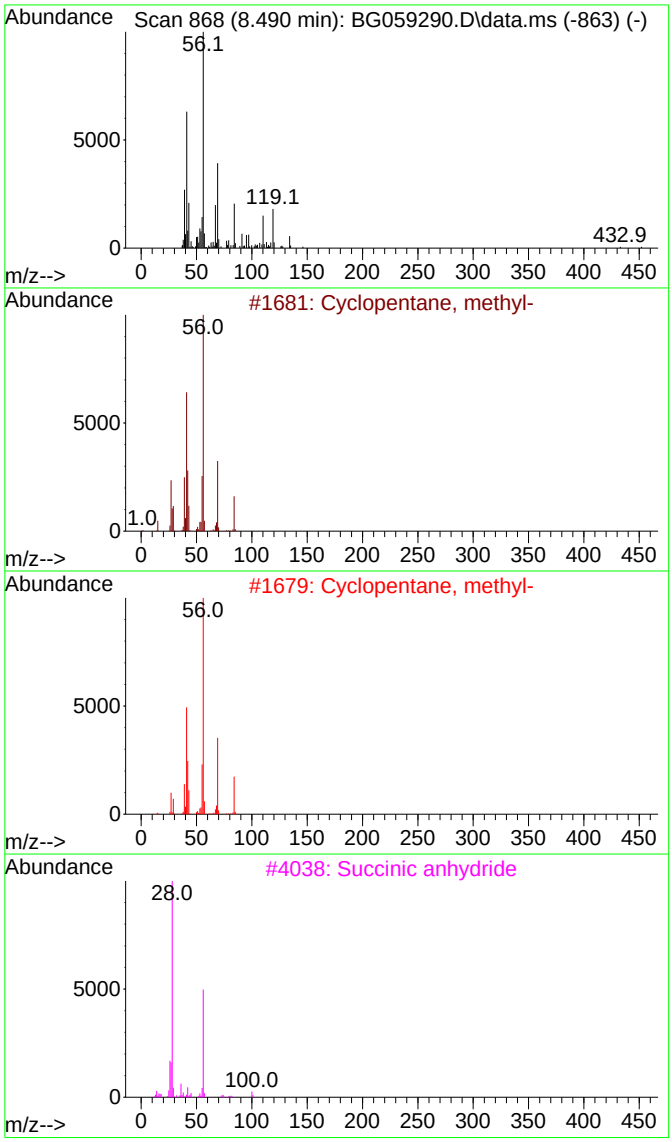
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

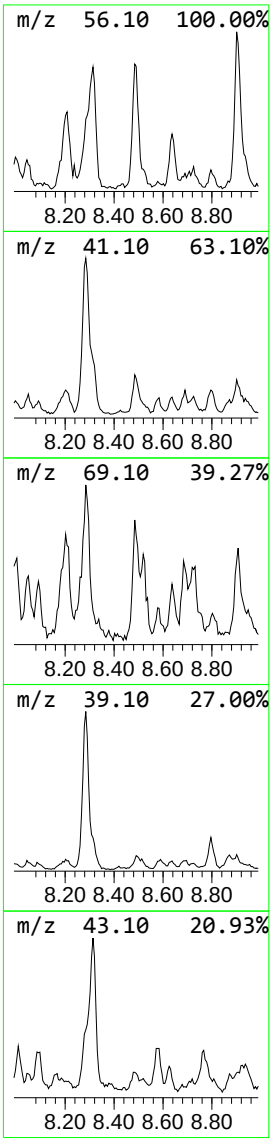
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Cyclic8.490 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.490	12.03 ng/ul	307901	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	50
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	50
3	Succinic anhydride	100	C4H4O3	000108-30-5	43
4	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	43
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	38





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Acq On : 5 Oct 2023 10:35
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Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

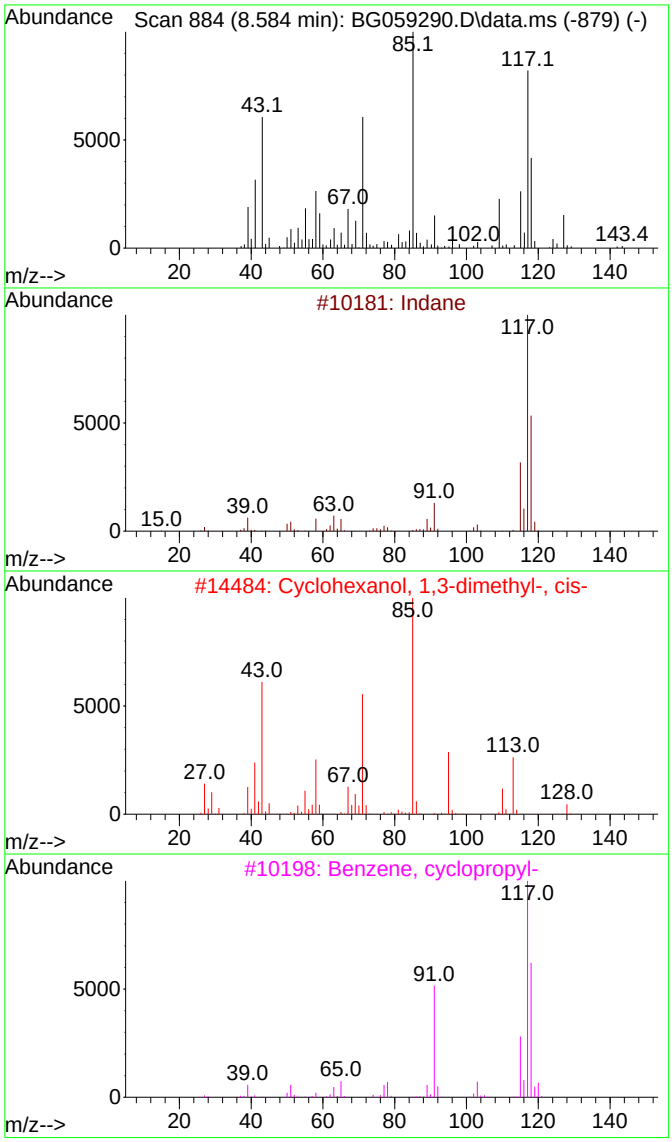
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

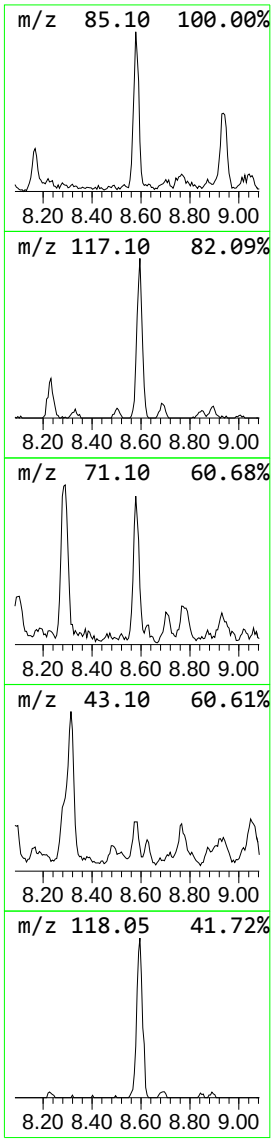
****

Peak Number 34 Indane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.584	12.57 ng/ul	321716	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	70
2	Cyclohexanol, 1,3-dimethyl-, cis-	128	C8H16O	015466-94-1	35
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	30
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	22
5	2,6-Octadiene-4,5-diol, 4-methyl-	156	C9H16O2	056335-74-1	22





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Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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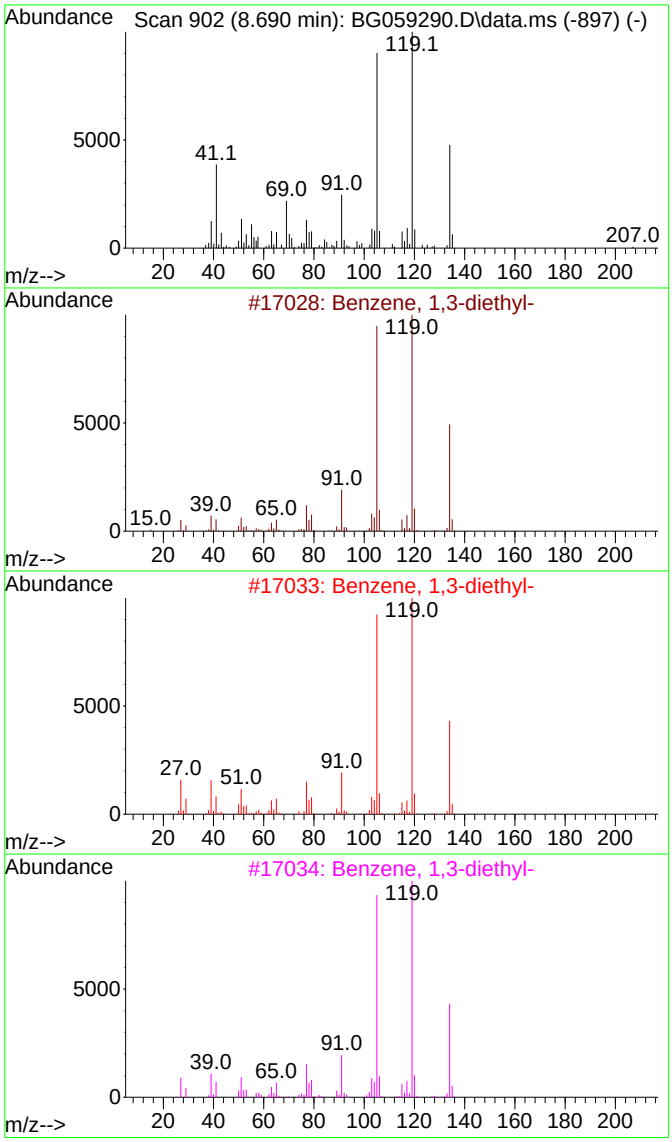
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

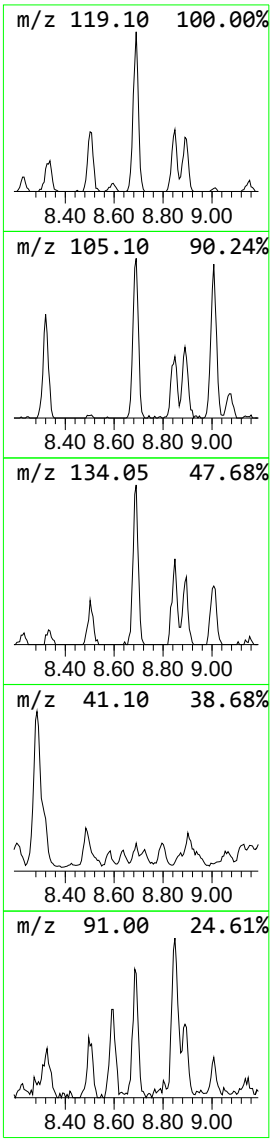
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzene, 1,3-diethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.690	8.98 ng/ul	229793	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95





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Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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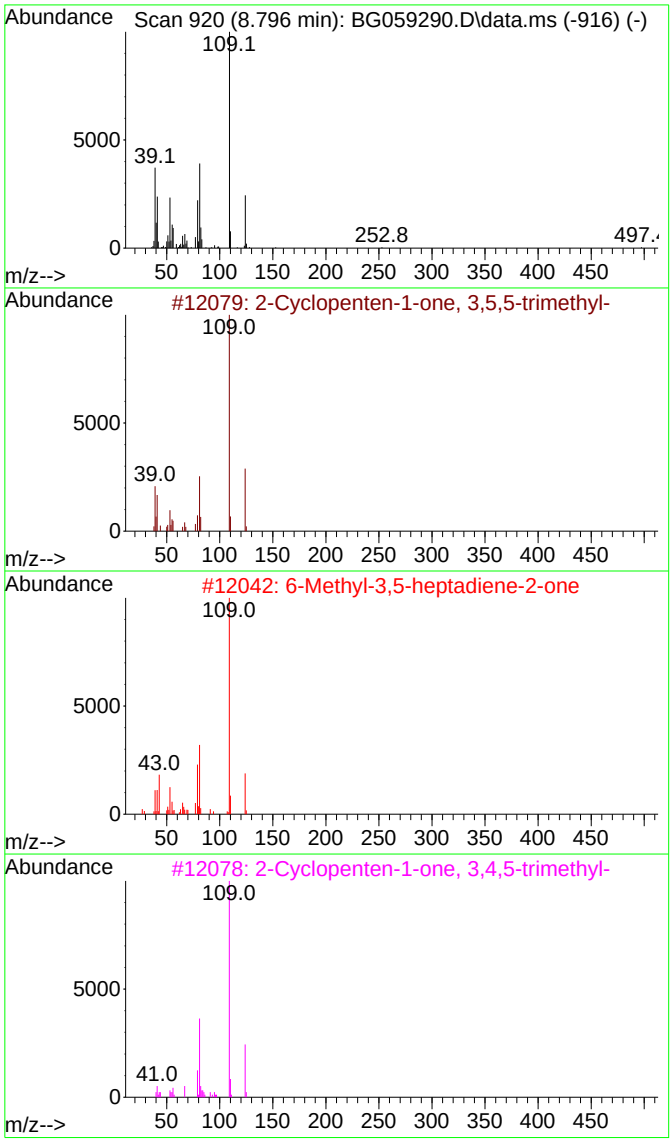
Quant Title : SVOA CALIBRATION

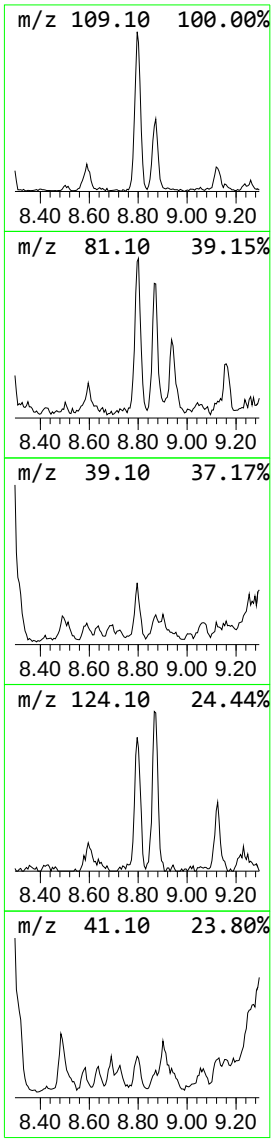
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 2-Cyclopenten-1-one, 3,5,5-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.796	10.56 ng/ul	270164	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3,5,5-trime...	124	C8H12O	024156-95-4	90
2	6-Methyl-3,5-heptadiene-2-one	124	C8H12O	001604-28-0	87
3	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	64
4	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	64
5	3,5-Heptadien-2-one, 6-methyl-, ...	124	C8H12O	016647-04-4	64





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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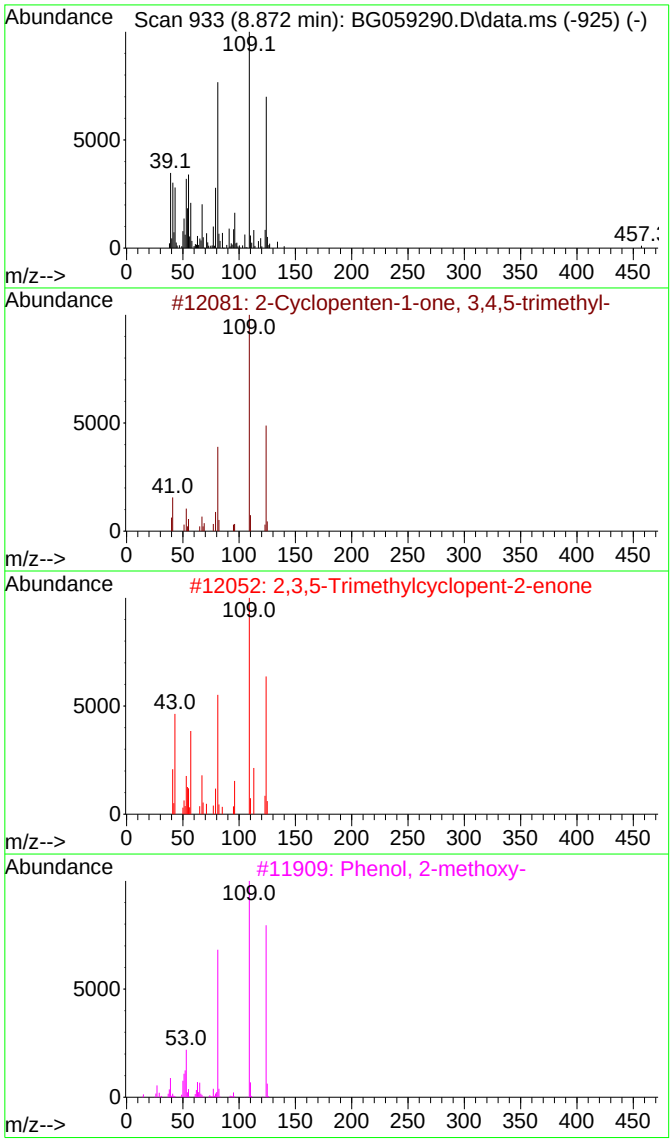
Quant Title : SVOA CALIBRATION

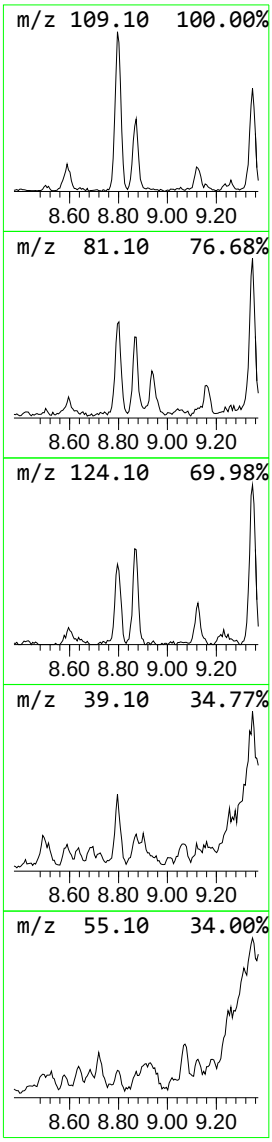
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 2-Cyclopenten-1-one, 3,4,5-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.872	10.28 ng/ul	263084	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	87
2	2,3,5-Trimethylcyclopent-2-enone	124	C8H12O	1000427-08-7	86
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	64
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	64
5	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	60





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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

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

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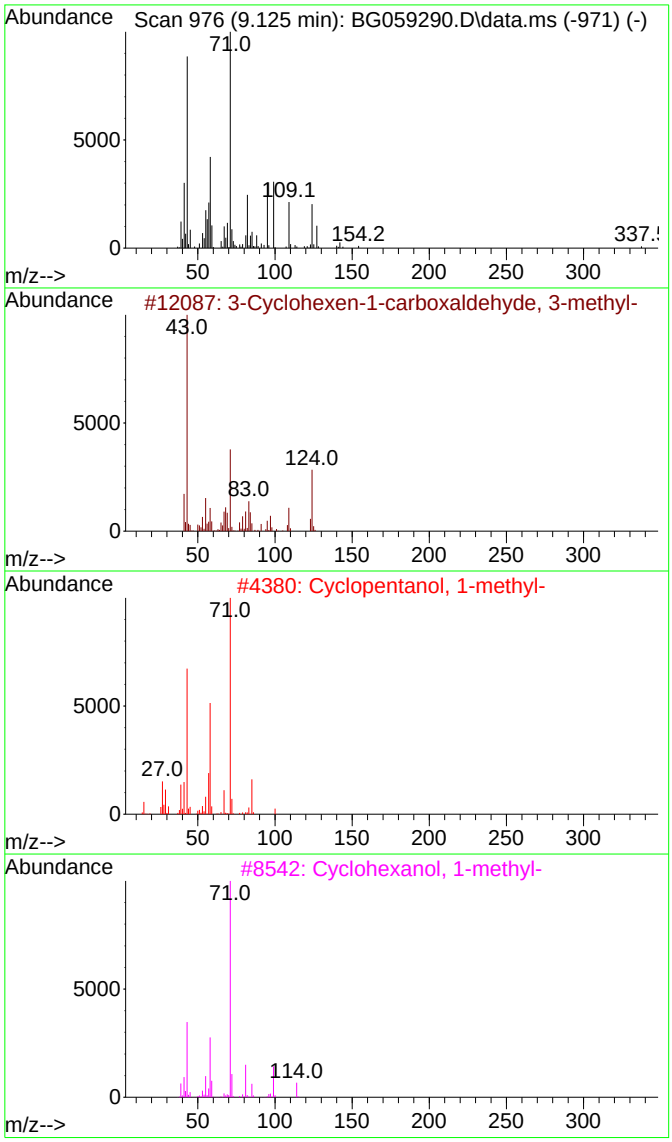
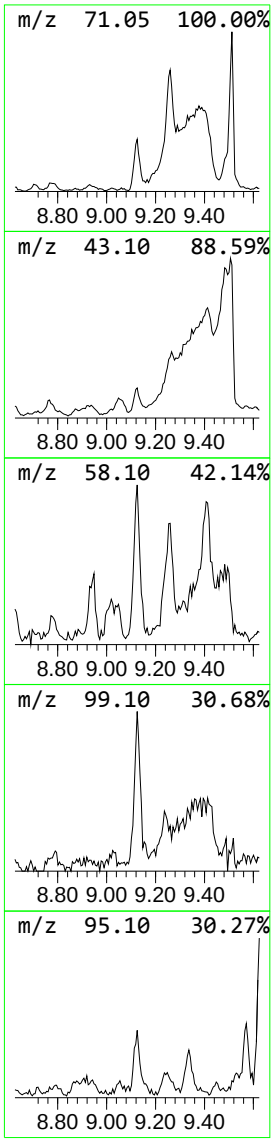
Peak Number 40 unknown-04 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.125	9.78 ng/ul	250220	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexen-1-carboxaldehyde, 3...	124	C8H12O	056980-32-6	47
2	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	38
3	Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	38
4	1-Methylcyclooctanol	142	C9H18O	059123-41-0	37
5	6-Undecanone	170	C11H22O	000927-49-1	35





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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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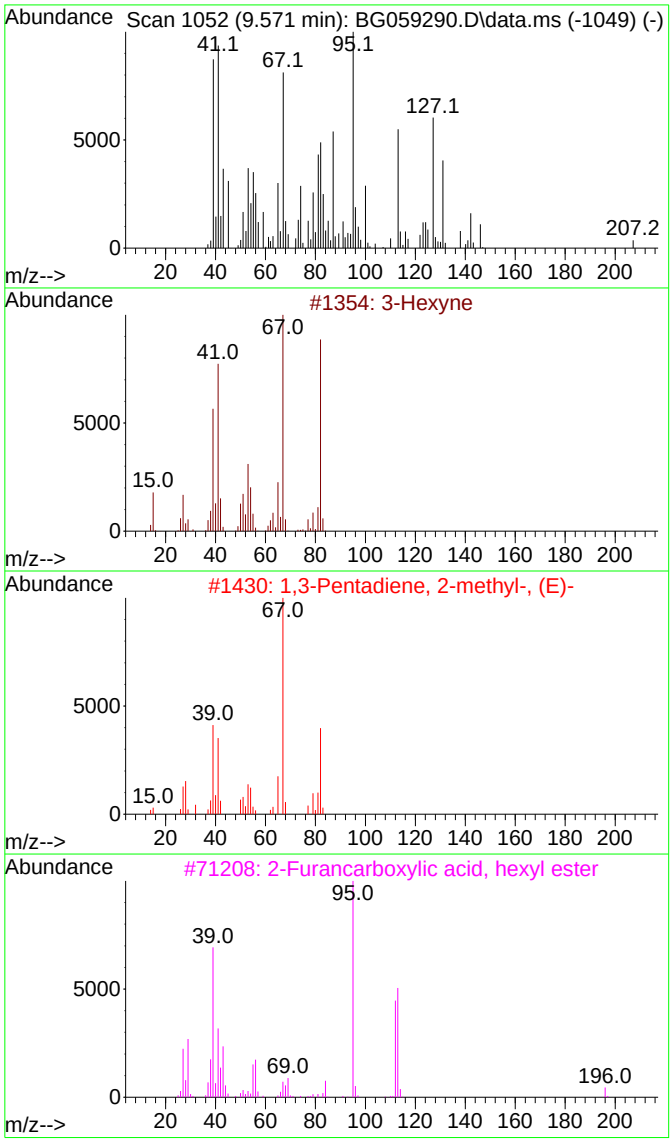
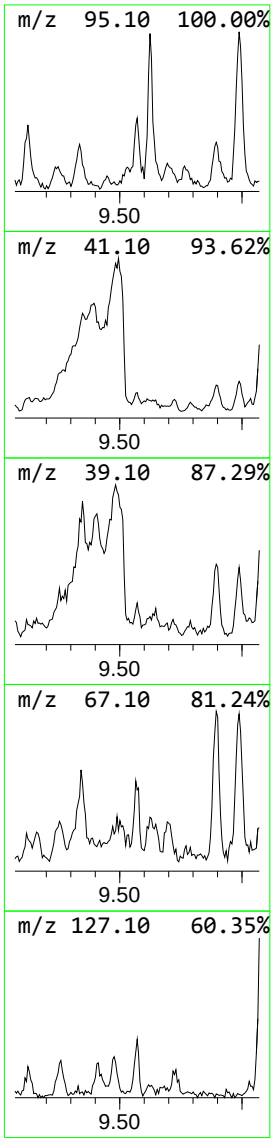
Peak Number 41 unknown-05 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.571	4.56 ng/ul	116731	1,4-Dichlorobenzene-d4	8.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexyne	82	C6H10	000928-49-4	49
2	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	47
3	2-Furancarboxylic acid, hexyl ester	196	C11H16O3	039251-86-0	47
4	1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	43
5	Isopropenylcyclopropane	82	C6H10	004663-22-3	43





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Data File : BG059290.D
Acq On : 5 Oct 2023 10:35
Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

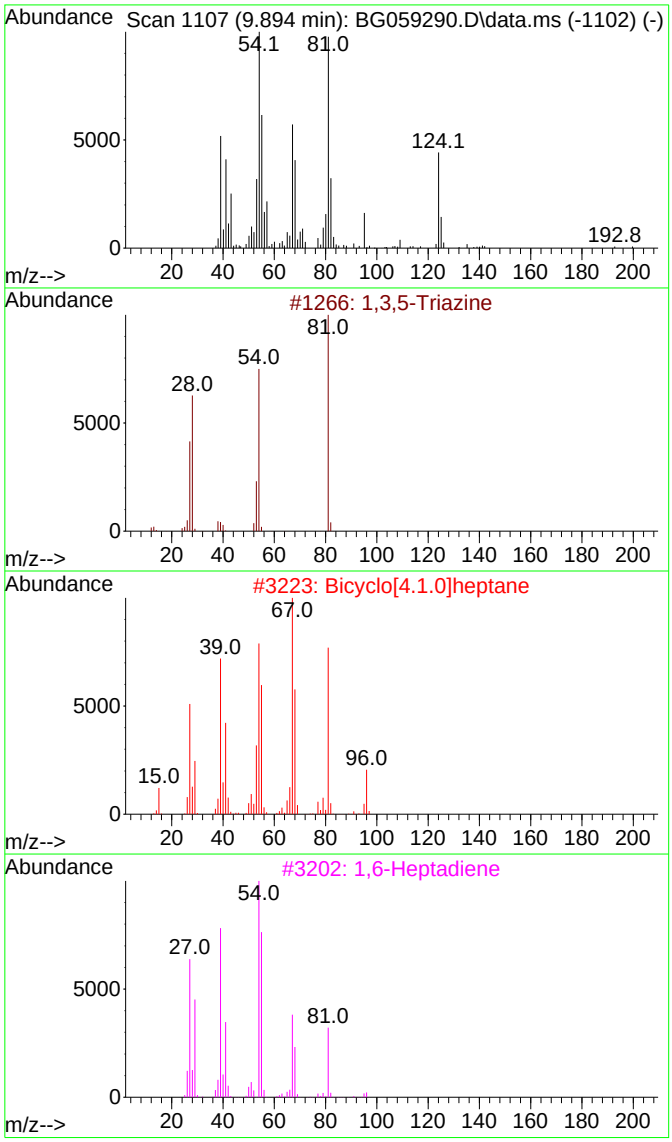
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

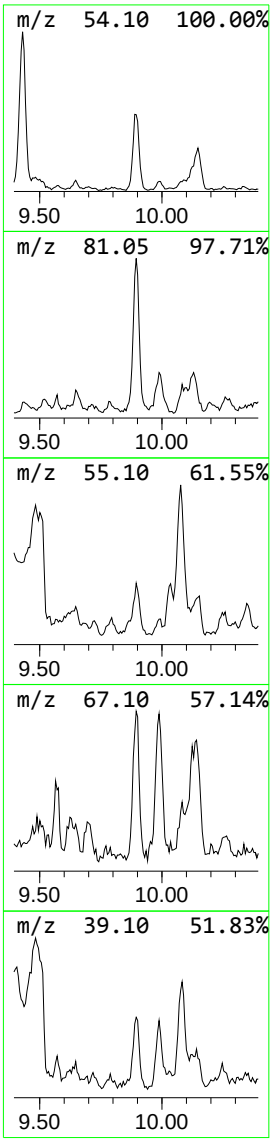
****

Peak Number 42 1,3,5-Triazine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.894	12.08 ng/ul	530881	Naphthalene-d8	11.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine	81	C3H3N3	000290-87-9	53
2	Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	53
3	1,6-Heptadiene	96	C7H12	003070-53-9	53
4	Bicyclo[3.2.0]heptane, trans	96	C7H12	005597-72-8	53
5	2-Pentenenitrile	81	C5H7N	013284-42-9	53





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Acq On : 5 Oct 2023 10:35
Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

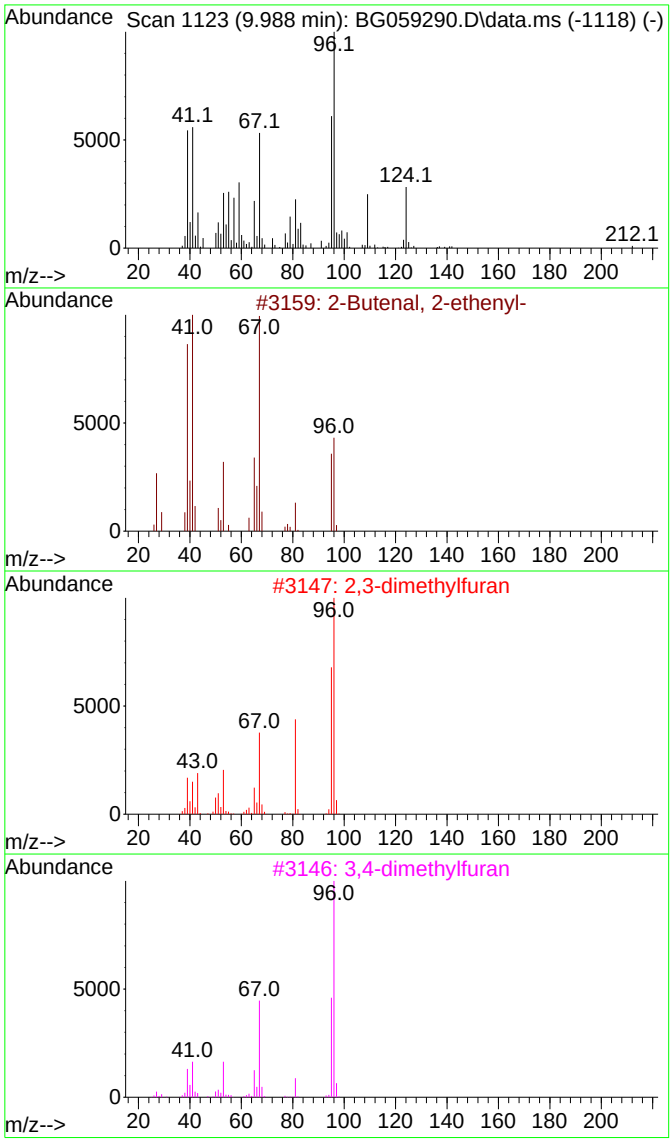
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

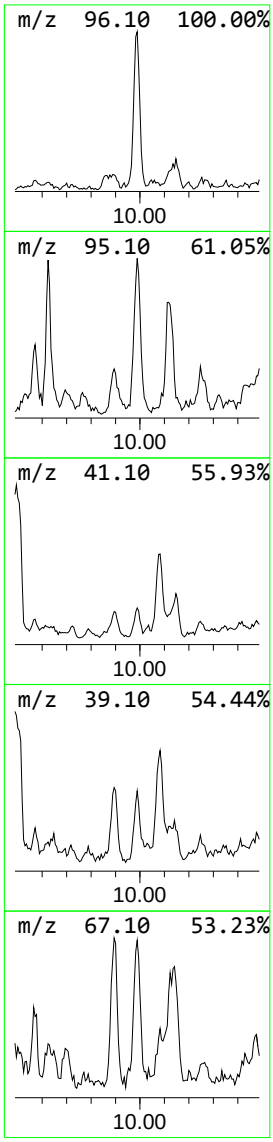
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 2-Butenal, 2-ethenyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.988	9.52 ng/ul	418154	Naphthalene-d8	11.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 2-ethenyl-	96	C6H8O	020521-42-0	76
2	2,3-dimethylfuran	96	C6H8O	1000458-49-9	55
3	3,4-dimethylfuran	96	C6H8O	1000458-50-4	49
4	2,4-Dimethylfuran	96	C6H8O	003710-43-8	46
5	3,5-Octadien-2-one, (E,E)-	124	C8H12O	030086-02-3	46





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Acq On : 5 Oct 2023 10:35
Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

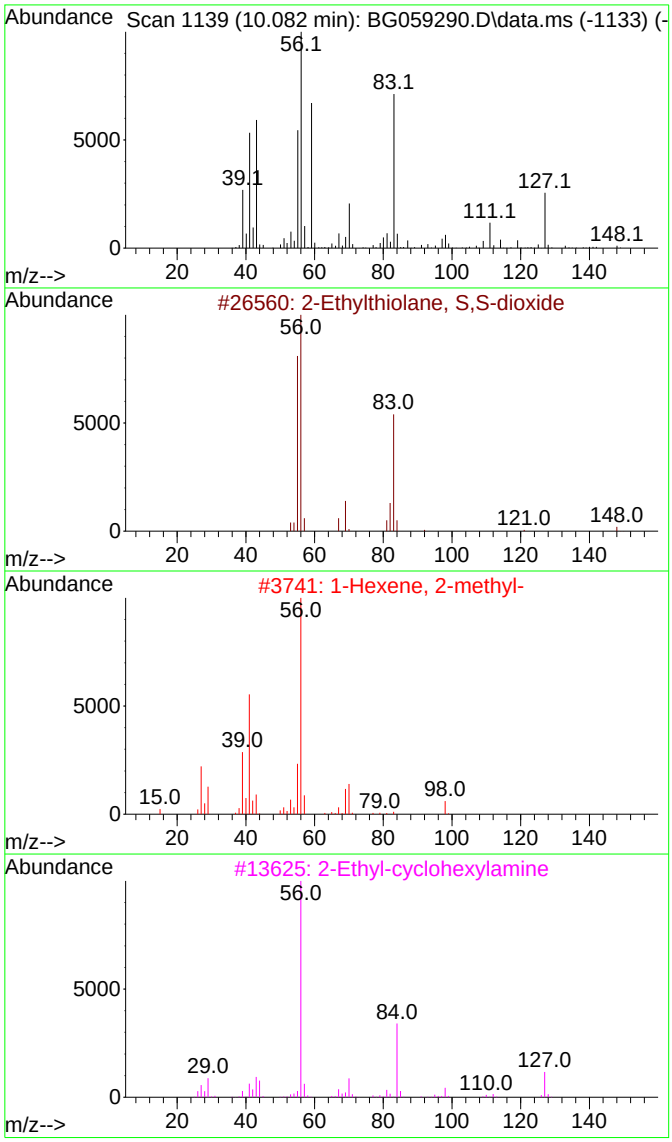
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

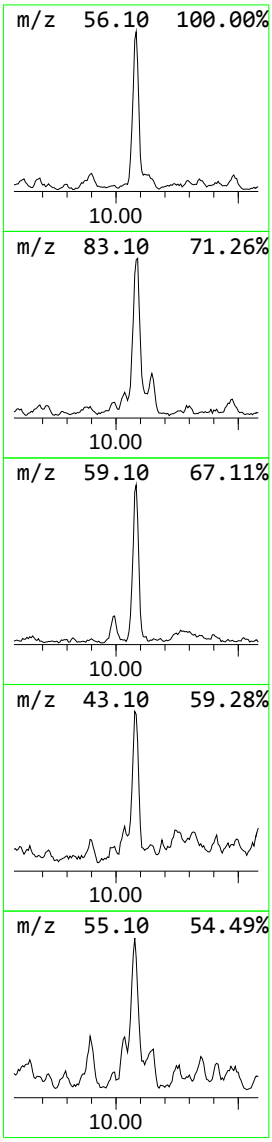
****

Peak Number 44 unknown-06 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.082	25.21 ng/ul	1107960	Naphthalene-d8	11.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylthiolane, S,S-dioxide	148	C6H12O2S	010178-59-3	38
2	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	38
3	2-Ethyl-cyclohexylamine	127	C8H17N	024216-90-8	35
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	30
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	30





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Acq On : 5 Oct 2023 10:35
Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

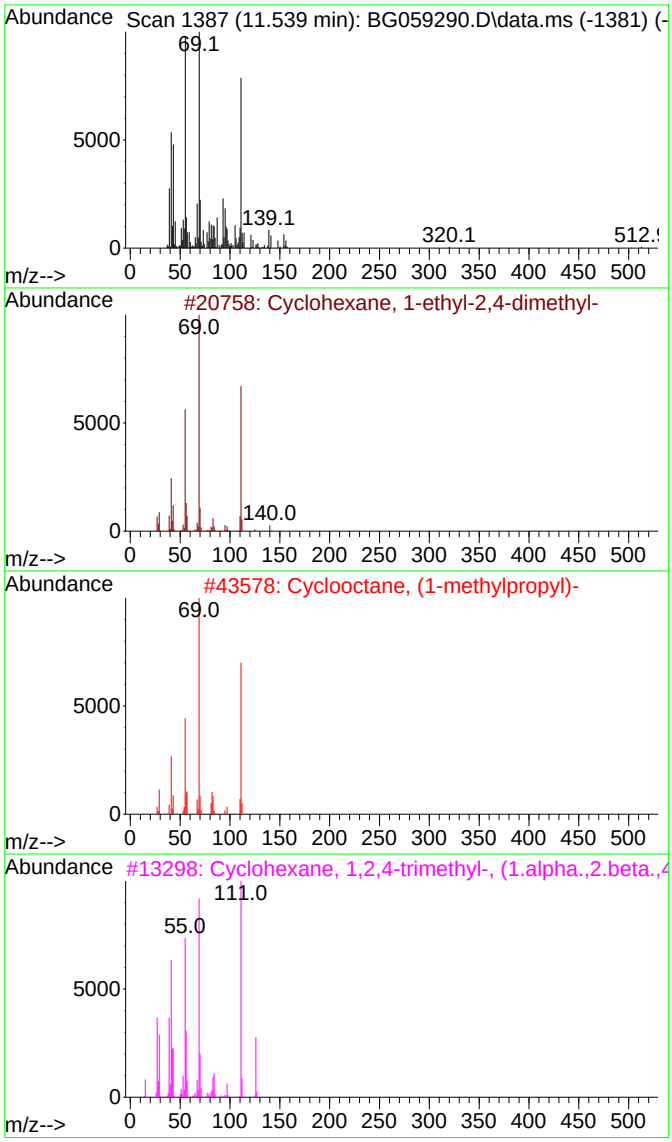
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

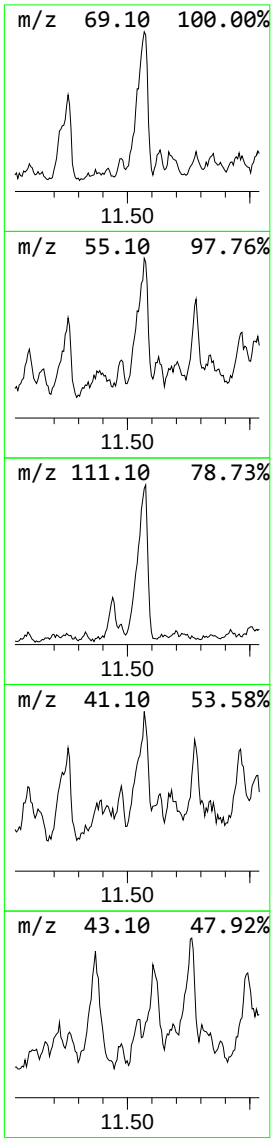
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Cyclic11.539 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.539	8.18 ng/ul	359402	Naphthalene-d8	11.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	59
2	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	53
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	50
4	Tetrahydrocarvone	154	C10H18O	000499-70-7	41
5	2-Octene, 2-methyl-6-methylene-	138	C10H18	010054-09-8	27





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Acq On : 5 Oct 2023 10:35
Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

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

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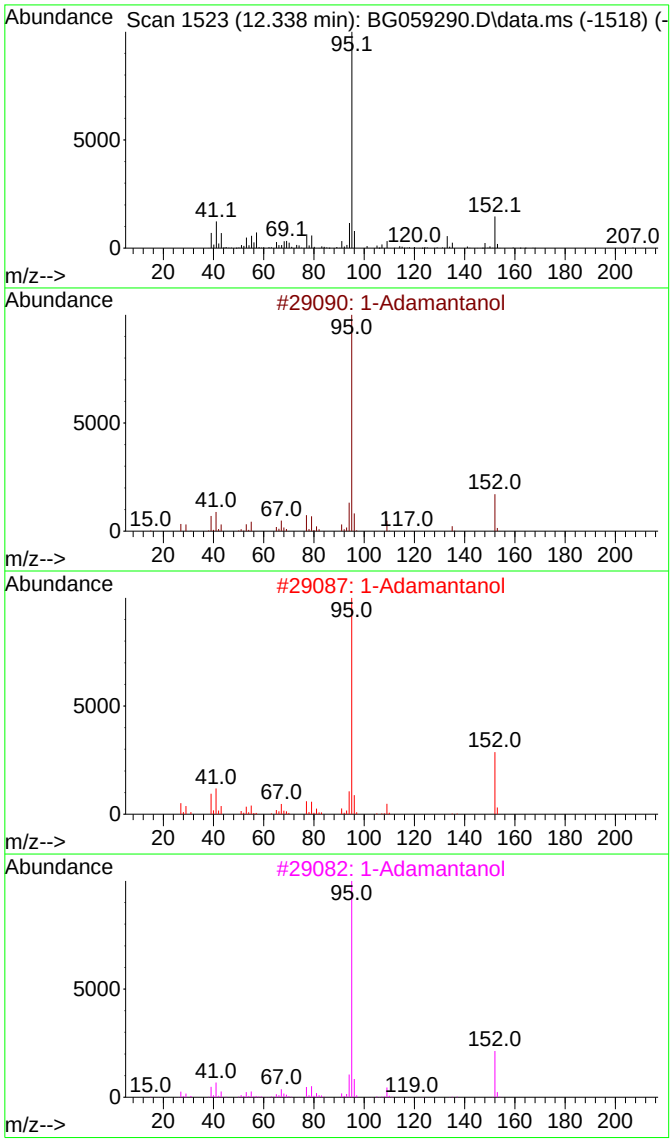
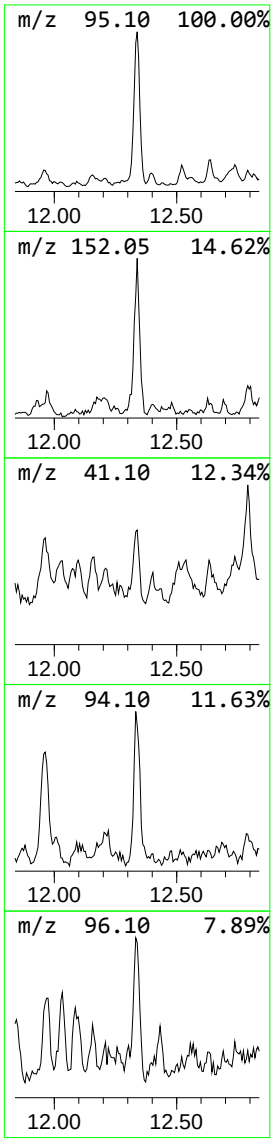
Peak Number 47 1-Adamantanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.338	17.66 ng/ul	776145	Naphthalene-d8	11.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantanol	152	C10H16O	000768-95-6	90
2	1-Adamantanol	152	C10H16O	000768-95-6	86
3	1-Adamantanol	152	C10H16O	000768-95-6	86
4	2-Pyrimidinamine	95	C4H5N3	000109-12-6	59
5	2-Furancarboxylic acid, 2-propen...	152	C8H8O3	004208-49-5	59





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Acq On : 5 Oct 2023 10:35
Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

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

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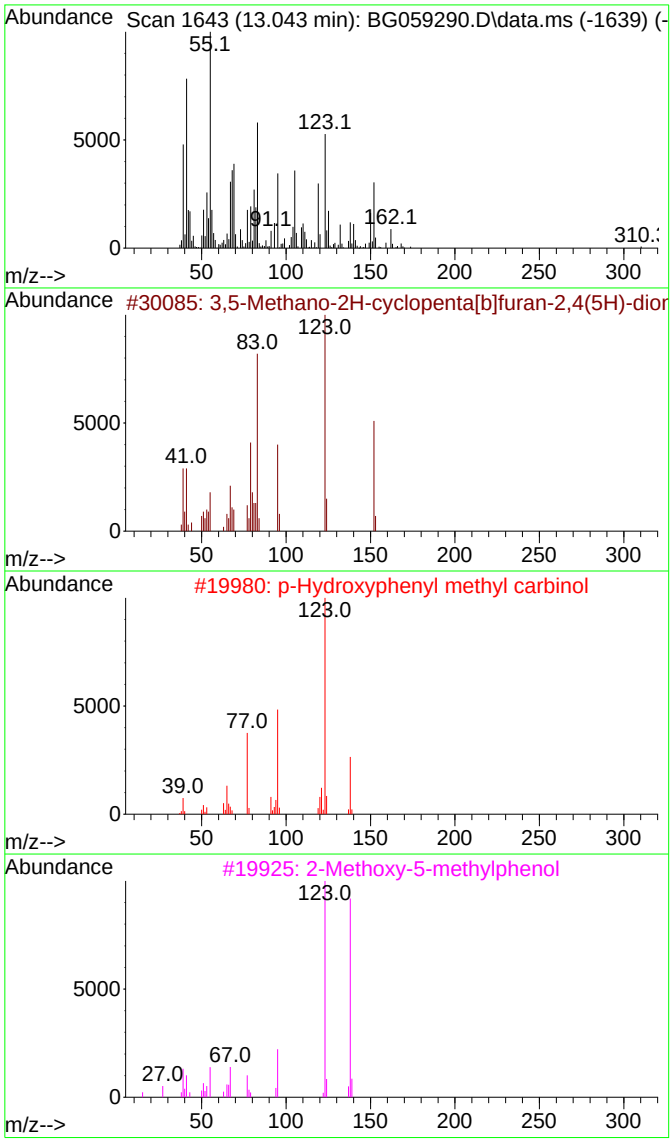
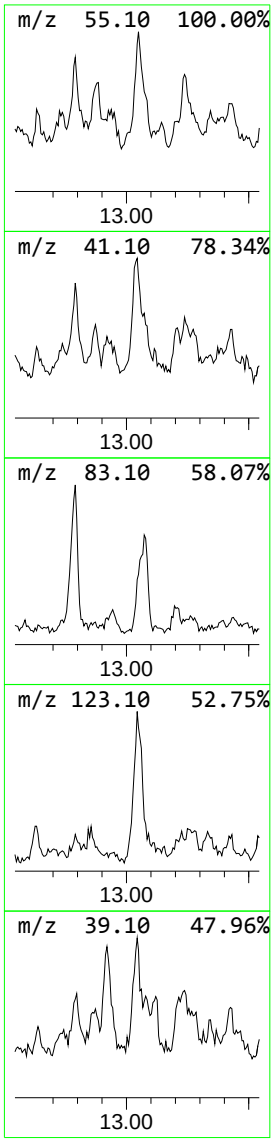
Peak Number 48 unknown-07 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.044	18.69 ng/ul	577640	Acenaphthene-d10	14.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Methano-2H-cyclopenta[b]fura...	152	C8H8O3	1010141-74-1	49
2	p-Hydroxyphenyl methyl carbinol	138	C8H10O2	002380-91-8	25
3	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	25
4	Ethanone, 1-(4-fluorophenyl)-	138	C8H7FO	000403-42-9	25
5	(2E)-2-Pentylidenecyclopentanone	152	C10H16O	067382-39-2	25





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Acq On : 5 Oct 2023 10:35
Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

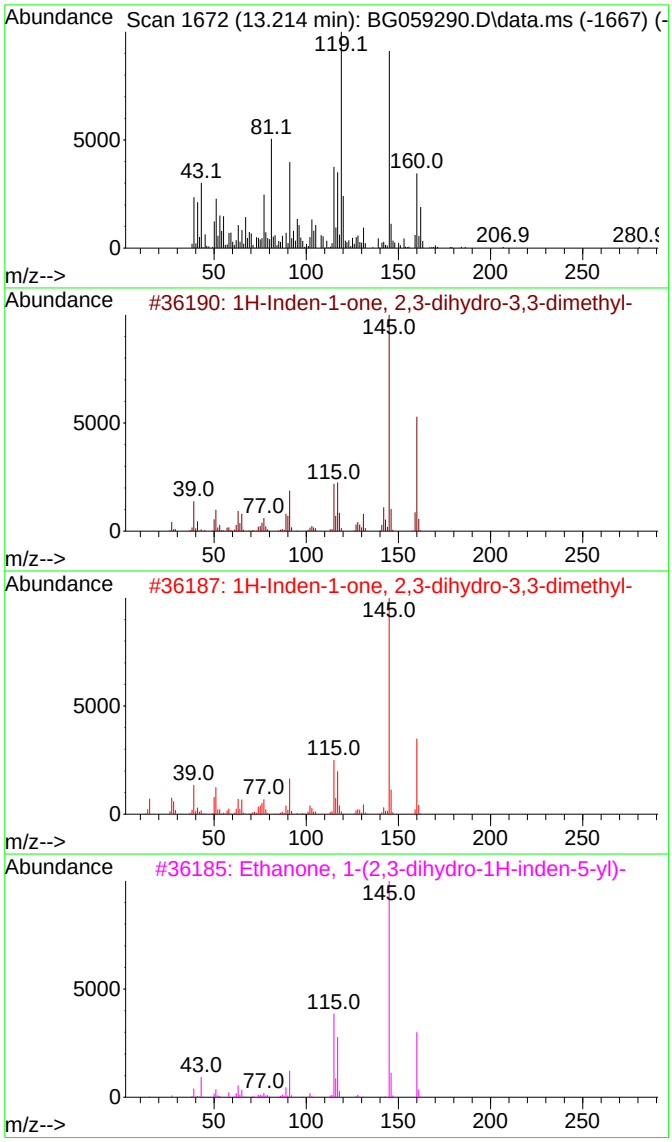
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

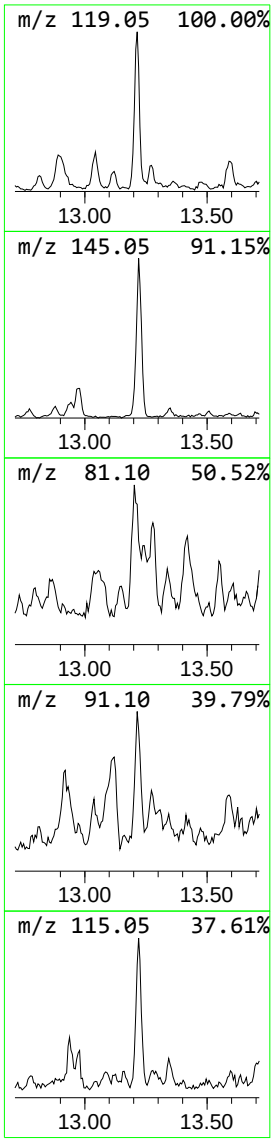
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.214	39.94 ng/ul	1234130	Acenaphthene-d10	14.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	55
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	50
3	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	49
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	46
5	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	43





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Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

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

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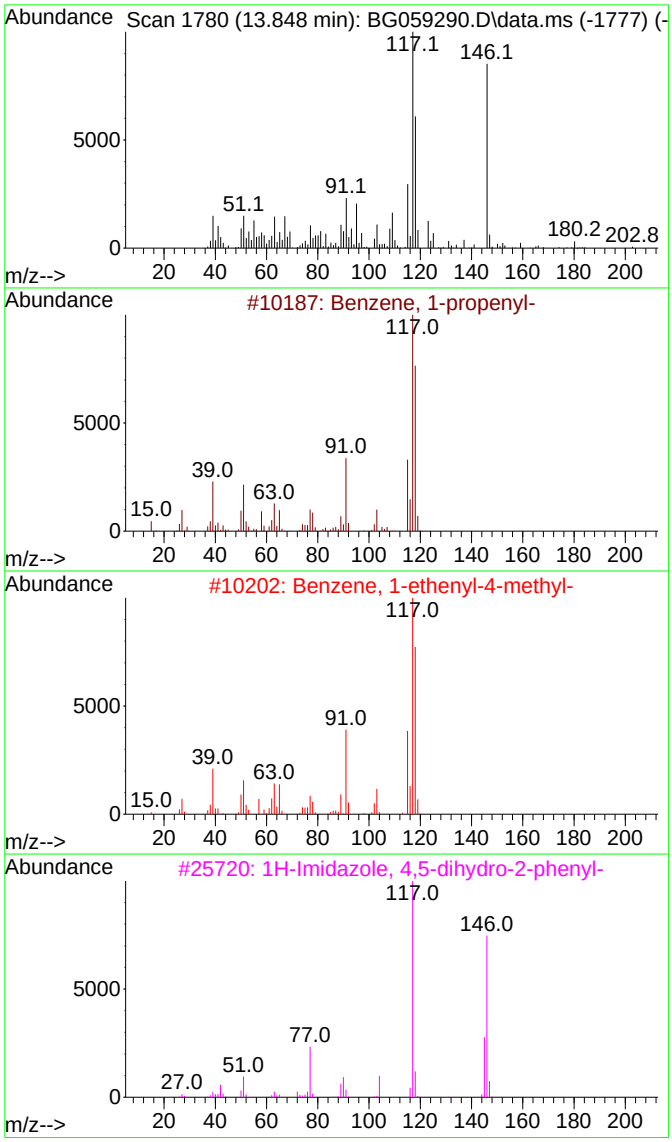
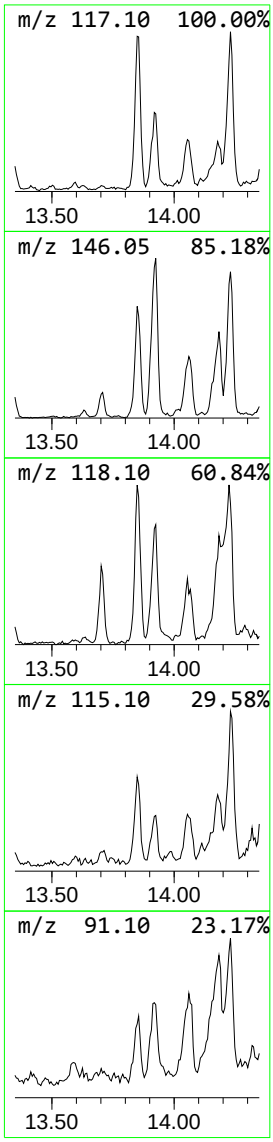
Peak Number 50 Benzene, 1-propenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.848	16.11 ng/ul	497806	Acenaphthene-d10	14.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	56
3	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	49
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	46
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	46





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

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

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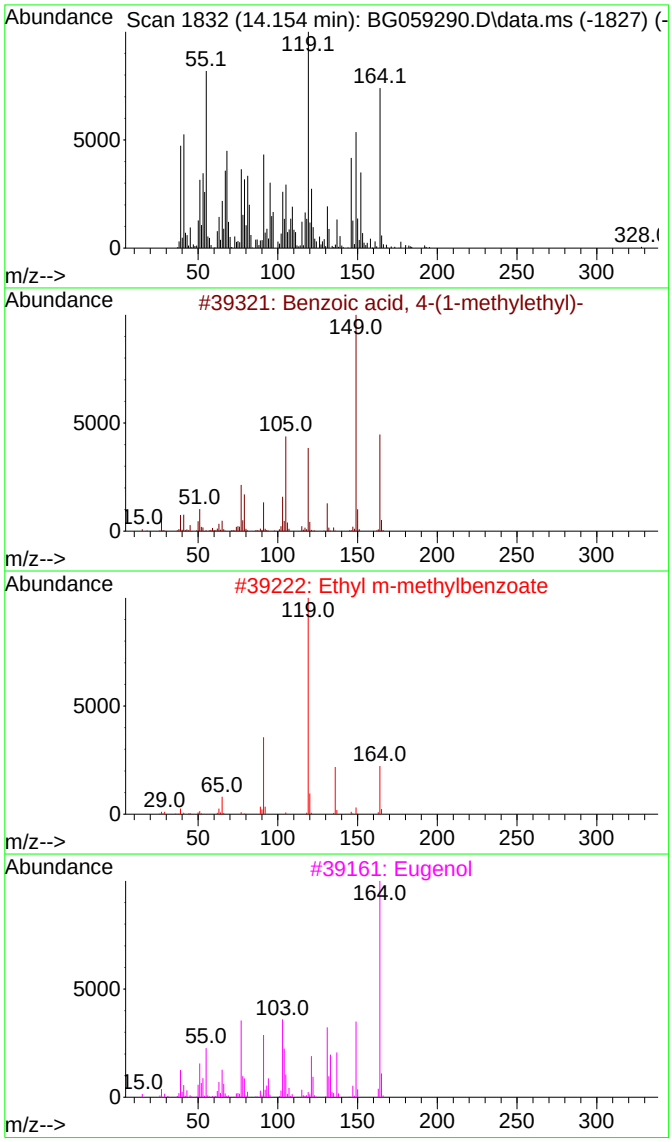
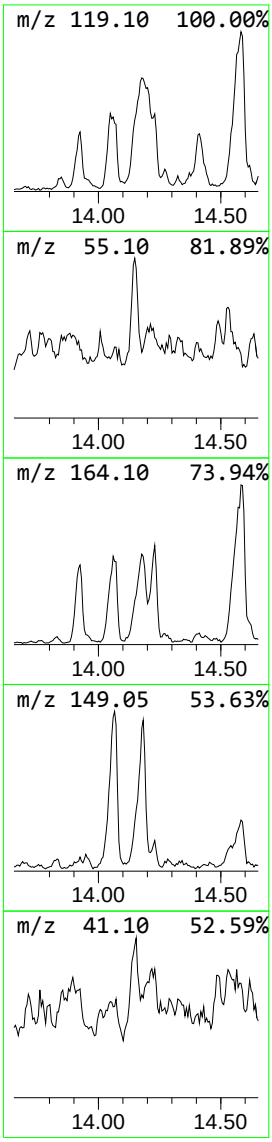
Peak Number 51 unknown-08 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.154	22.80 ng/ul	704414	Acenaphthene-d10	14.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-(1-methylethyl)-	164	C10H12O2	000536-66-3	42
2	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	38
3	Eugenol	164	C10H12O2	000097-53-0	38
4	Eugenol	164	C10H12O2	000097-53-0	38
5	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	38





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Acq On : 5 Oct 2023 10:35
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Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

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

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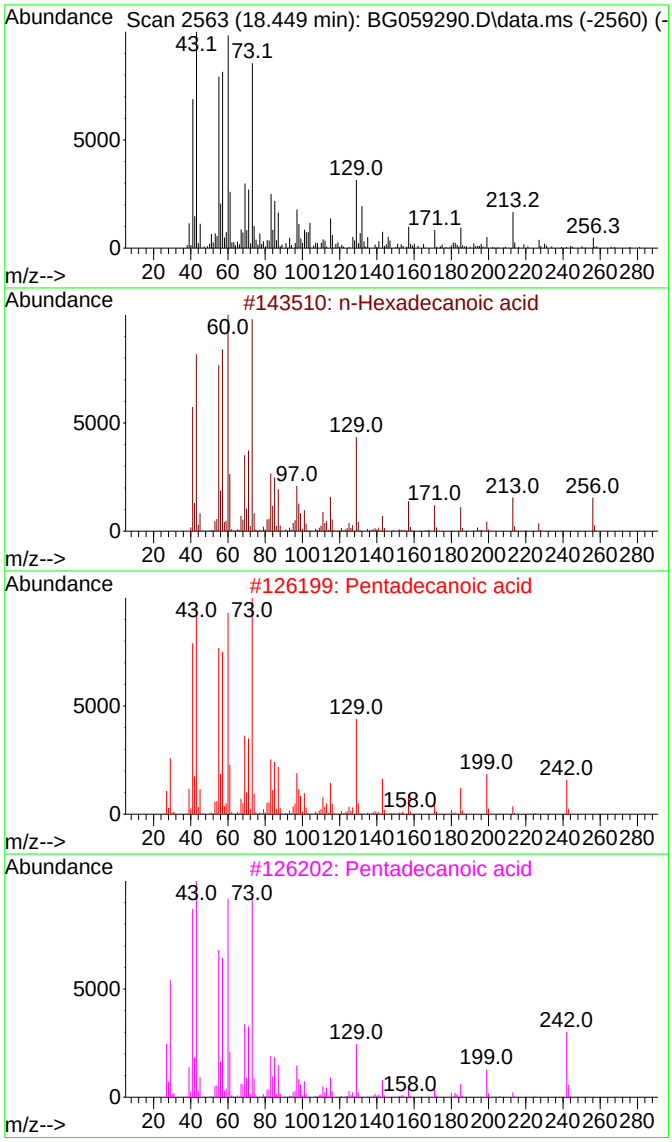
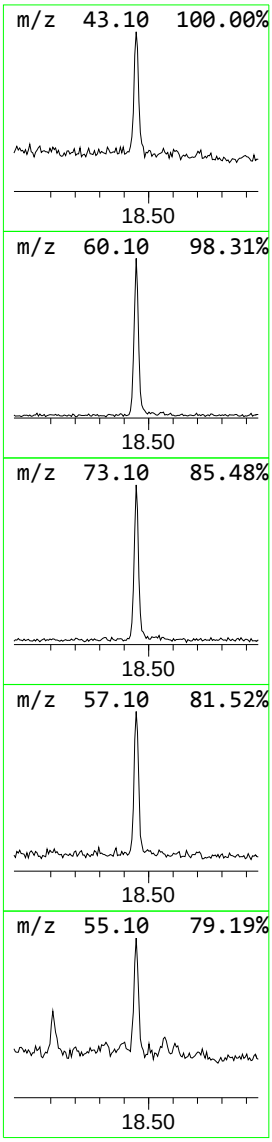
Peak Number 52 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.449	19.62 ng/ul	718350	Phenanthrene-d10	17.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	62
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60





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Acq On : 5 Oct 2023 10:35
Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR3

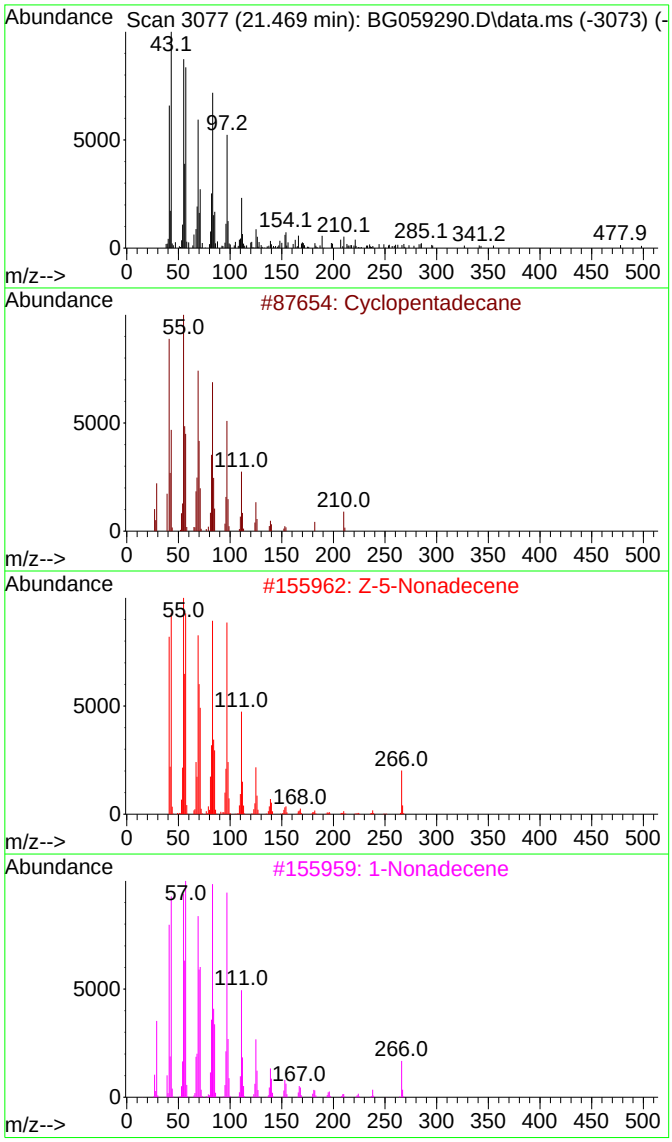
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

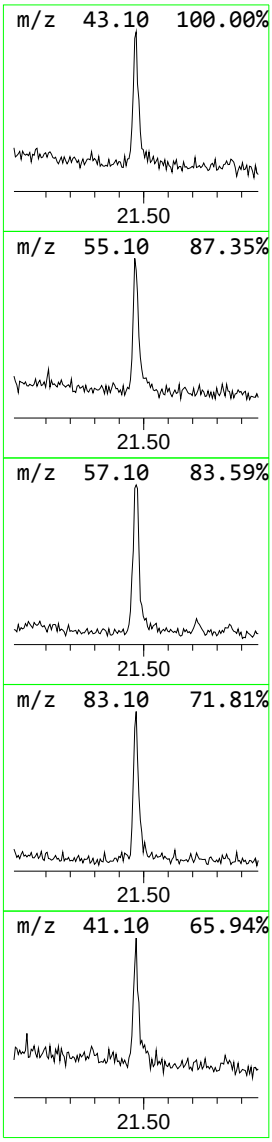
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Cyclic21.469 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.469	6.68 ng/ul	245341	Chrysene-d12	21.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	1-Docosene	308	C22H44	001599-67-3	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059290.D
Acq On : 5 Oct 2023 10:35
Operator : MA/JU
Sample : 04497-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BBJR3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.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
2-Butanol, 2,3-...	3.813	24.5	ng/ul	626993	1	8.231	511871	20.0
2-Pentanol, 2,4...	4.542	14.8	ng/ul	378864	1	8.231	511871	20.0
3-Pentanone, 2,...	4.642	19.1	ng/ul	489264	1	8.231	511871	20.0
(DEL) Alkane: C...	4.771	4.7	ng/ul	119780	1	8.231	511871	20.0
(DEL) Alkane: C...	4.847	3.2	ng/ul	83003	1	8.231	511871	20.0
(DEL) Alkane: S...	4.941	2.2	ng/ul	56507	1	8.231	511871	20.0
unknown-01	5.053	7.6	ng/ul	194838	1	8.231	511871	20.0
(DEL) Alkane: C...	5.235	2.2	ng/ul	55221	1	8.231	511871	20.0
unknown-02	5.358	5.7	ng/ul	145484	1	8.231	511871	20.0
Ethylbenzene	5.664	13.0	ng/ul	333779	1	8.231	511871	20.0
Cyclopentanone,...	6.081	14.8	ng/ul	378938	1	8.231	511871	20.0
Benzene, (1-met...	6.663	17.6	ng/ul	449445	1	8.231	511871	20.0
(DEL) Alkane: S...	7.039	3.7	ng/ul	94723	1	8.231	511871	20.0
Benzene, propyl-	7.162	8.9	ng/ul	228618	1	8.231	511871	20.0
(DEL) Alkane: S...	7.227	5.8	ng/ul	149492	1	8.231	511871	20.0
2-Cyclopenten-1...	7.321	4.7	ng/ul	120519	1	8.231	511871	20.0
3-Octen-2-ol	7.474	30.7	ng/ul	785595	1	8.231	511871	20.0
(DEL) Alkane: C...	7.626	14.1	ng/ul	361534	1	8.231	511871	20.0
1,3-Cyclobutane...	7.967	14.2	ng/ul	363106	1	8.231	511871	20.0
unknown-03	8.090	5.9	ng/ul	150518	1	8.231	511871	20.0
2,4-Hexadiene, ...	8.284	80.6	ng/ul	2062760	1	8.231	511871	20.0
(DEL) Alkane: C...	8.490	12.0	ng/ul	307901	1	8.231	511871	20.0
Indane	8.584	12.6	ng/ul	321716	1	8.231	511871	20.0
Benzene, 1,3-di...	8.690	9.0	ng/ul	229793	1	8.231	511871	20.0
2-Cyclopenten-1...	8.796	10.6	ng/ul	270164	1	8.231	511871	20.0
2-Cyclopenten-1...	8.872	10.3	ng/ul	263084	1	8.231	511871	20.0
unknown-04	9.125	9.8	ng/ul	250220	1	8.231	511871	20.0
unknown-05	9.571	4.6	ng/ul	116731	1	8.231	511871	20.0
1,3,5-Triazine	9.894	12.1	ng/ul	530881	2	11.075	878858	20.0
2-Butenal, 2-et...	9.988	9.5	ng/ul	418154	2	11.075	878858	20.0
unknown-06	10.082	25.2	ng/ul	1107960	2	11.075	878858	20.0
(DEL) Alkane: C...	11.539	8.2	ng/ul	359402	2	11.075	878858	20.0
1-Adamantanol	12.338	17.7	ng/ul	776145	2	11.075	878858	20.0
unknown-07	13.044	18.7	ng/ul	577640	3	14.865	618007	20.0
1H-Inden-1-one,...	13.214	39.9	ng/ul	1234130	3	14.865	618007	20.0
Benzene, 1-prop...	13.848	16.1	ng/ul	497806	3	14.865	618007	20.0
unknown-08	14.154	22.8	ng/ul	704414	3	14.865	618007	20.0
n-Hexadecanoic ...	18.449	19.6	ng/ul	718350	4	17.615	732295	20.0
(DEL) Alkane: C...	21.469	6.7	ng/ul	245341	5	21.910	734073	20.0