LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062056.D
Acq On : 13 Jul 2024 1:29
Operator : MA/JU
Sample : P3137-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE3

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-BG070224.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG062056.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.435	21	25	27	rBV4	9394	11493	0.84%	0.065%
2	3.471	27	31	40	rVB	103409	160804	11.69%	0.915%
3	3.712	69	72	79	rVB	20964	28026	2.04%	0.160%
4	3.858	93	97	110	rBV2	94742	160295	11.65%	0.913%
5	4.140	142	145	147	rBV2	3152	4320	0.31%	0.025%
6	4.193	150	154	157	rVV5	4574	9115	0.66%	0.052%
7	4.317	172	175	177	rBV4	3975	6050	0.44%	0.034%
8	4.552	212	215	218	rBV5	3503	5872	0.43%	0.033%
9	5.116	307	311	317	rVB4	9940	17986	1.31%	0.102%
10	5.586	387	391	395	rBV6	4142	6702	0.49%	0.038%
11	5.862	436	438	441	rVV4	5334	6490	0.47%	0.037%
12	5.962	453	455	458	rVB	4197	4990	0.36%	0.028%
13	6.285	505	510	511	rBV3	3754	5958	0.43%	0.034%
14	6.591	559	562	567	rBV4	5405	9042	0.66%	0.051%
15	6.667	571	575	578	rBV4	4160	6780	0.49%	0.039%
16	6.990	626	630	632	rBV2	6448	8650	0.63%	0.049%
17	7.207	661	667	673	rVB2	110404	183514	13.34%	1.045%
18	7.366	687	694	700	rBV	122717	199115	14.48%	1.134%
19	7.407	700	701	707	rVB3	4404	5719	0.42%	0.033%
20	7.572	722	729	735	rBV	195677	338780	24.63%	1.929%
21	7.619	735	737	742	rVV2	18814	29490	2.14%	0.168%
22	7.677	745	747	752	rVV5	5120	9137	0.66%	0.052%
23	7.748	756	759	760	rVV2	4034	4233	0.31%	0.024%
24	7.760	760	761	768	rVB6	4211	7348	0.53%	0.042%
25	8.042	803	809	816	rBV	168783	290268	21.10%	1.652%
26	8.095	816	818	821	rVB4	6704	5532	0.40%	0.031%
27	8.236	837	842	844	rBV5	8458	12198	0.89%	0.069%
28	8.277	847	849	853	rVV5	3491	4693	0.34%	0.027%
29	8.412	868	872	873	rVB3	5052	4409	0.32%	0.025%
30	8.465	880	881	885	rVV3	5481	4811	0.35%	0.027%
31	8.571	895	899	900	rBV2	4267	4701	0.34%	0.027%
32	8.665	910	915	916	rBV4	8746	8450	0.61%	0.048%
33	8.682	916	918	924	rVV6	9730	16833	1.22%	0.096%
34	8.753	924	930	938	rVB2	213353	359559	26.14%	2.047%
35	8.829	938	943	947	rBV5	4193	7124	0.52%	0.041%
36	9.005	970	973	975	rBV2	3827	4560	0.33%	0.026%

LSC Area Percent Report

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Sample : P3137-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE3

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-BG070224.MA.M
Title : SVOA CALIBRATION

37	9.111	986	991	995	rBV2	16934	28897	2.10%	0.165%
38	9.205	1001	1007	1014	rBV	168310	297864	21.66%	1.696%
39	9.270	1016	1018	1021	rVB4	6509	8077	0.59%	0.046%
40	9.323	1023	1027	1029	rBV4	5115	6738	0.49%	0.038%
41	9.417	1037	1043	1047	rBV5	14512	23520	1.71%	0.134%
42	9.470	1047	1052	1054	rBV4	7932	12238	0.89%	0.070%
43	9.487	1054	1055	1062	rVB3	11295	12094	0.88%	0.069%
44	9.646	1079	1082	1086	rVB5	3998	6199	0.45%	0.035%
45	9.740	1092	1098	1099	rBV3	8104	11374	0.83%	0.065%
46	9.757	1099	1101	1107	rVB3	9733	13379	0.97%	0.076%
47	9.851	1113	1117	1124	rBV5	25450	50467	3.67%	0.287%
48	9.928	1124	1130	1137	rBV2	170089	304378	22.13%	1.733%
49	10.045	1147	1150	1151	rBV2	6330	6733	0.49%	0.038%
50	10.233	1179	1182	1185	rBV2	6489	9287	0.68%	0.053%
51	10.357	1198	1203	1212	rVB7	24222	66210	4.81%	0.377%
52	10.474	1216	1223	1230	rBV2	259103	465498	33.84%	2.650%
53	10.556	1232	1237	1241	rVB2	19573	32352	2.35%	0.184%
54	10.603	1241	1245	1252	rBV8	10976	17677	1.29%	0.101%
55	10.756	1267	1271	1272	rBV4	4153	5424	0.39%	0.031%
56	10.797	1274	1278	1282	rVV4	18510	33079	2.40%	0.188%
57	10.850	1282	1287	1295	rVB	220199	392222	28.52%	2.233%
58	10.991	1302	1311	1317	rBV	224682	422922	30.75%	2.408%
59	11.197	1341	1346	1351	rBV6	13400	19991	1.45%	0.114%
60	11.303	1358	1364	1368	rBV5	12716	24406	1.77%	0.139%
61	11.502	1395	1398	1402	rVB5	6856	10198	0.74%	0.058%
62	11.638	1416	1421	1424	rBV5	18764	33677	2.45%	0.192%
63	11.914	1463	1468	1474	rBV5	21576	39845	2.90%	0.227%
64	12.014	1479	1485	1490	rVV10	10206	24157	1.76%	0.138%
65	12.102	1496	1500	1506	rVB4	18232	28395	2.06%	0.162%
66	12.401	1549	1551	1552	rBV2	9917	6497	0.47%	0.037%
67	12.519	1569	1571	1574	rVB4	7173	5691	0.41%	0.032%
68	12.654	1589	1594	1600	rVB2	37020	58346	4.24%	0.332%
69	12.795	1616	1618	1619	rBV2	7560	5920	0.43%	0.034%
70	13.024	1653	1657	1660	rBV6	10812	19397	1.41%	0.110%
71	13.112	1670	1672	1675	rVB4	14525	12363	0.90%	0.070%
72	13.388	1712	1719	1722	rBV8	18184	41981	3.05%	0.239%
73	13.482	1729	1735	1741	rVB2	245227	381577	27.74%	2.172%
74	13.553	1743	1747	1753	rVB2	71325	112596	8.19%	0.641%
75	13.618	1753	1758	1764	rBV	65834	118330	8.60%	0.674%
76	13.688	1765	1770	1777	rVB	202578	311231	22.63%	1.772%

LSC Area Percent Report

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Acq On : 13 Jul 2024 1:29
Operator : MA/JU
Sample : P3137-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
YDZE3

Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
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77	13.858	1796	1799	1805	rVB4	24070	37471	2.72%	0.213%
78	14.076	1830	1836	1841	rVB	488393	715026	51.98%	4.070%
79	14.370	1880	1886	1892	rBV2	484567	805743	58.58%	4.587%
80	14.428	1892	1896	1901	rVB4	76972	112672	8.19%	0.641%
81	14.517	1908	1911	1915	rVB6	16170	20460	1.49%	0.116%
82	14.593	1919	1924	1929	rVV3	105990	242138	17.60%	1.378%
83	14.669	1932	1937	1946	rVB	407837	701315	50.99%	3.992%
84	14.851	1966	1968	1971	rBV4	19548	26252	1.91%	0.149%
85	15.662	2100	2106	2114	rVB	656707	977187	71.04%	5.563%
86	15.780	2122	2126	2130	rVB4	61265	81612	5.93%	0.465%
87	17.196	2363	2367	2378	rVB2	127518	230829	16.78%	1.314%
88	17.419	2399	2405	2413	rVB	517881	805892	58.59%	4.588%
89	17.513	2416	2421	2427	rVB2	737464	1111233	80.79%	6.326%
90	18.294	2551	2554	2561	rBV5	84198	113580	8.26%	0.647%
91	19.799	2804	2810	2819	rVB	901150	1375493	100.00%	7.830%
92	20.310	2895	2897	2901	rVB	114892	111461	8.10%	0.635%
93	20.803	2978	2981	2985	rVB	181377	201944	14.68%	1.150%
94	21.309	3063	3067	3078	rVB	326193	489452	35.58%	2.786%
95	21.673	3124	3129	3138	rVB2	510380	852816	62.00%	4.855%
96	21.849	3155	3159	3163	rVB	185719	244779	17.80%	1.393%
97	22.454	3258	3262	3269	rVB	167308	267467	19.45%	1.523%
98	23.941	3510	3515	3521	rVB2	109700	226448	16.46%	1.289%
99	24.663	3631	3638	3650	rVB2	483954	1317281	95.77%	7.499%
100	24.887	3667	3676	3685	rVB2	385180	1063375	77.31%	6.054%

Sum of corrected areas: 17566200

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062056.D
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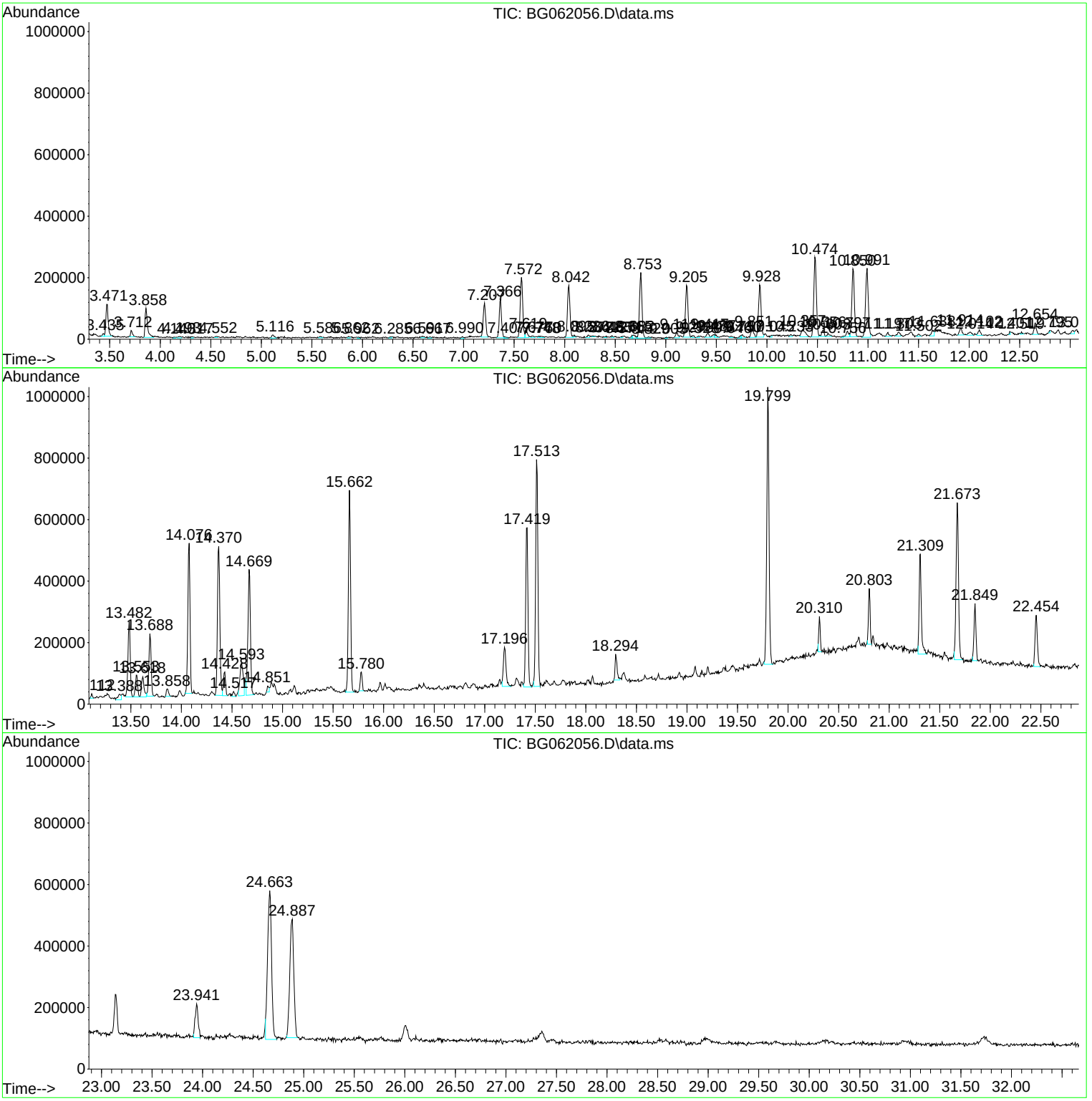
Sample : P3137-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.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\BG071224\
Data File : BG062056.D
Acq On : 13 Jul 2024 1:29
Operator : MA/JU
Sample : P3137-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

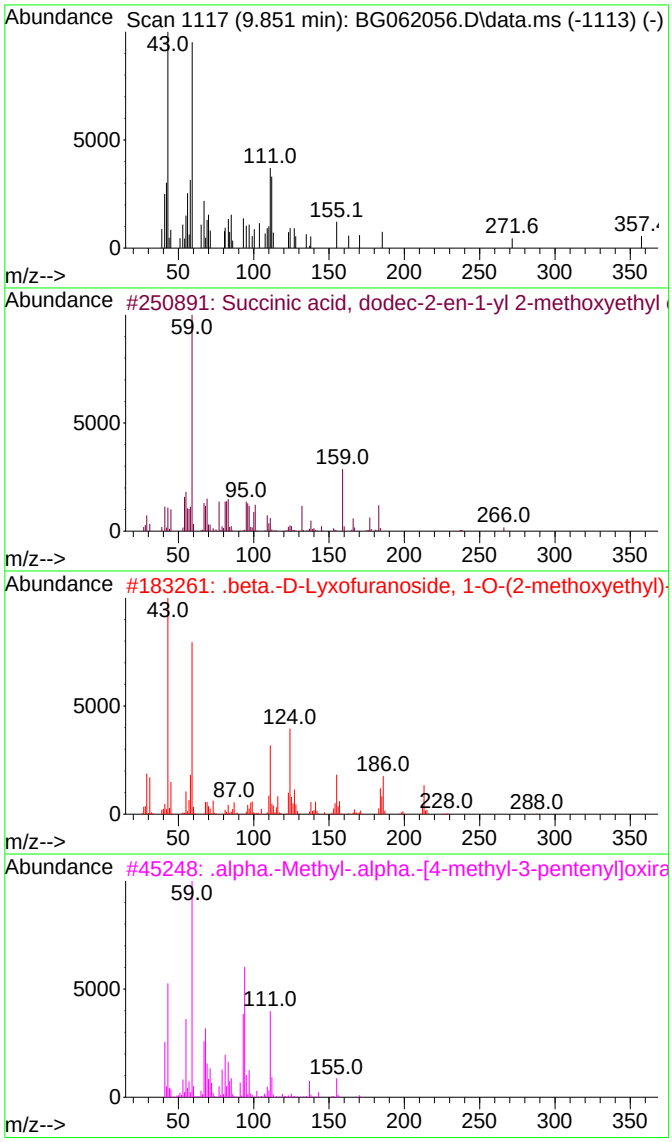
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

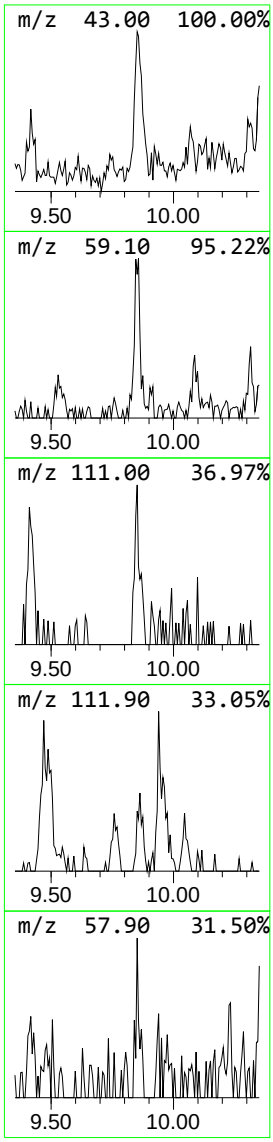
****

Peak Number 1 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.851	2.57 ng/ul	50467	Naphthalene-d8	10.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, dodec-2-en-1-yl 2...	342	C19H34O5	1000390-75-0	43
2	.beta.-D-Lyxofuranoside, 1-O-(2-...	288	C12H21BO7	1000162-64-7	40
3	.alpha.-Methyl-.alpha.-[4-methyl...	170	C10H18O2	1000132-13-0	40
4	2-Furanmethanol, 5-ethenyltetrah...	170	C10H18O2	005989-33-3	38
5	2,11-Dimethyl-2,11-dodecanediol	230	C14H30O2	022092-59-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062056.D
Acq On : 13 Jul 2024 1:29
Operator : MA/JU
Sample : P3137-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

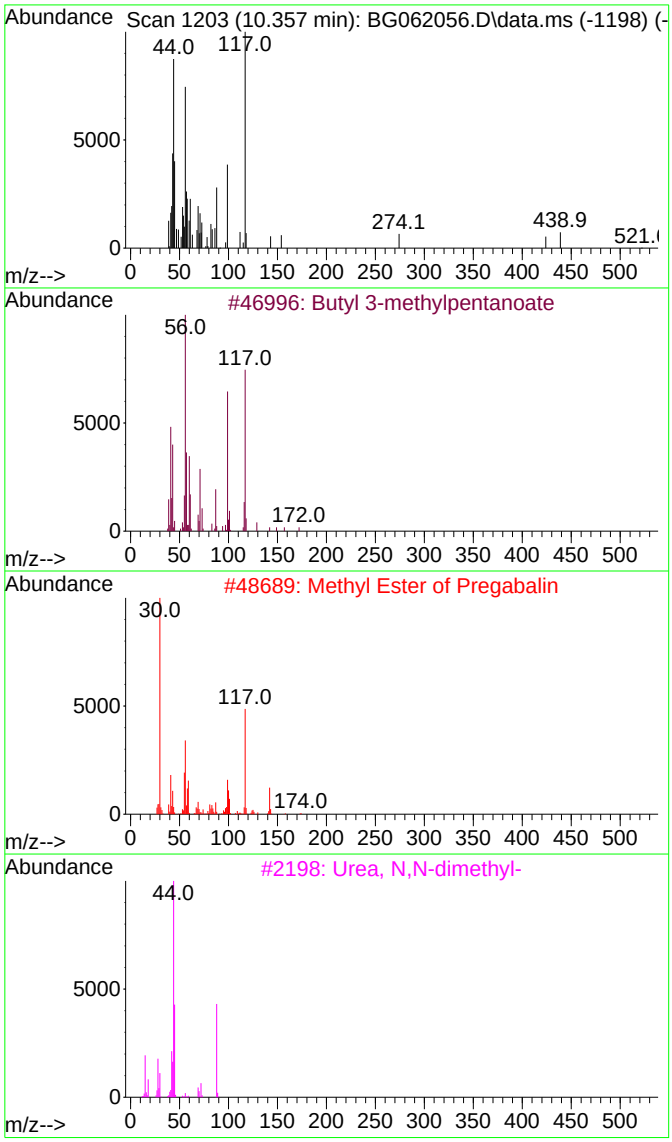
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

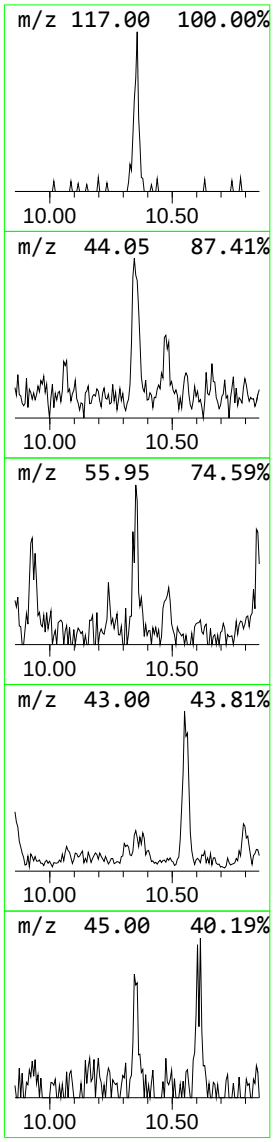
****

Peak Number 2 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.357	3.38 ng/ul	66210	Naphthalene-d8	10.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl 3-methylpentanoate	172	C10H20O2	1000360-29-3	37
2	Methyl Ester of Pregabalin	173	C9H19NO2	714230-22-5	23
3	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	22
4	Thymidine	242	C10H14N2O5	000050-89-5	16
5	Hexanoic acid, butyl ester	172	C10H20O2	000626-82-4	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062056.D
Acq On : 13 Jul 2024 1:29
Operator : MA/JU
Sample : P3137-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE3

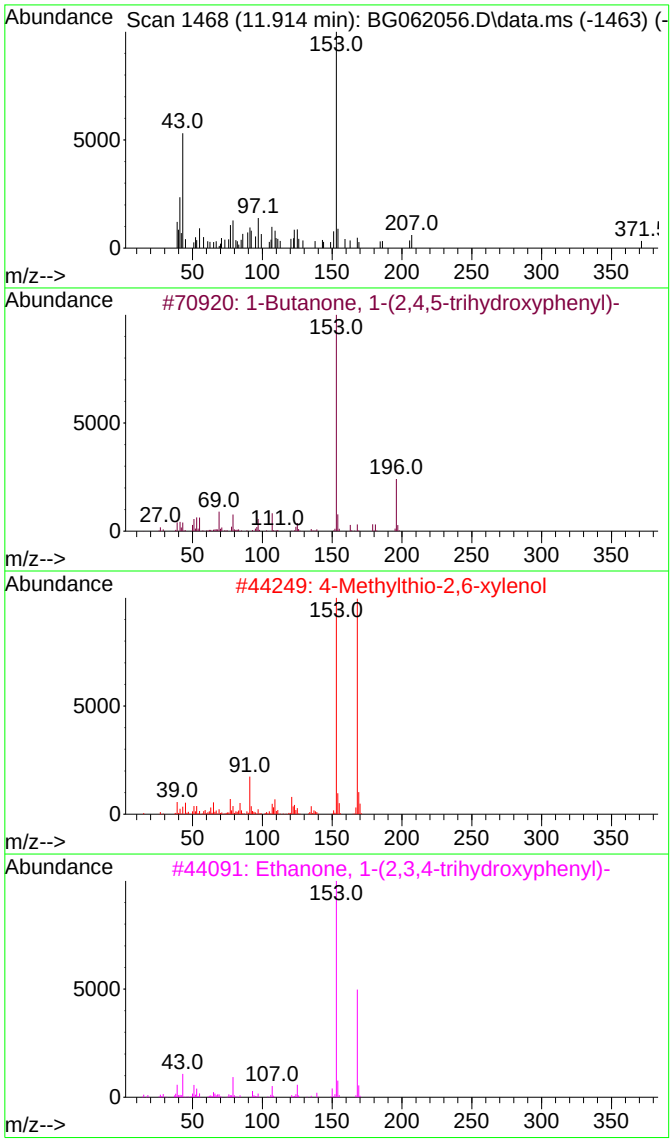
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

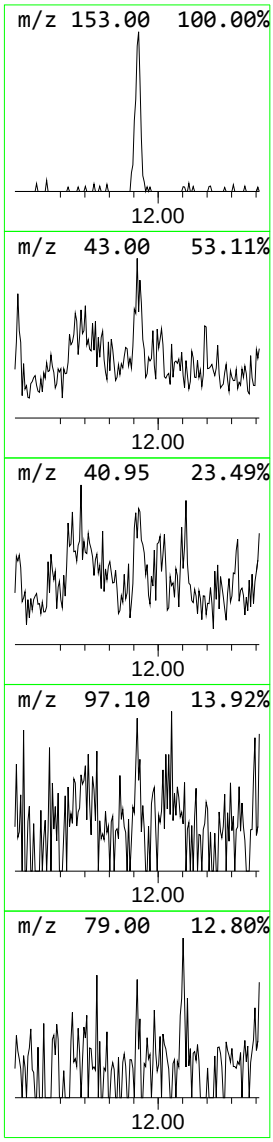
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Butanone, 1-(2,4,5-trihyd... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.914	2.03 ng/ul	39845	Naphthalene-d8	10.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanone, 1-(2,4,5-trihydroxyp...	196	C10H12O4	001421-63-2	72
2	4-Methylthio-2,6-xylenol	168	C9H12OS	007379-49-9	59
3	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	59
4	Hydrazine, (3-nitrophenyl)-	153	C6H7N3O2	000619-27-2	58
5	Phenol, 4-methyl-2-nitro-, aceta...	195	C9H9NO4	054646-55-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062056.D
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

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

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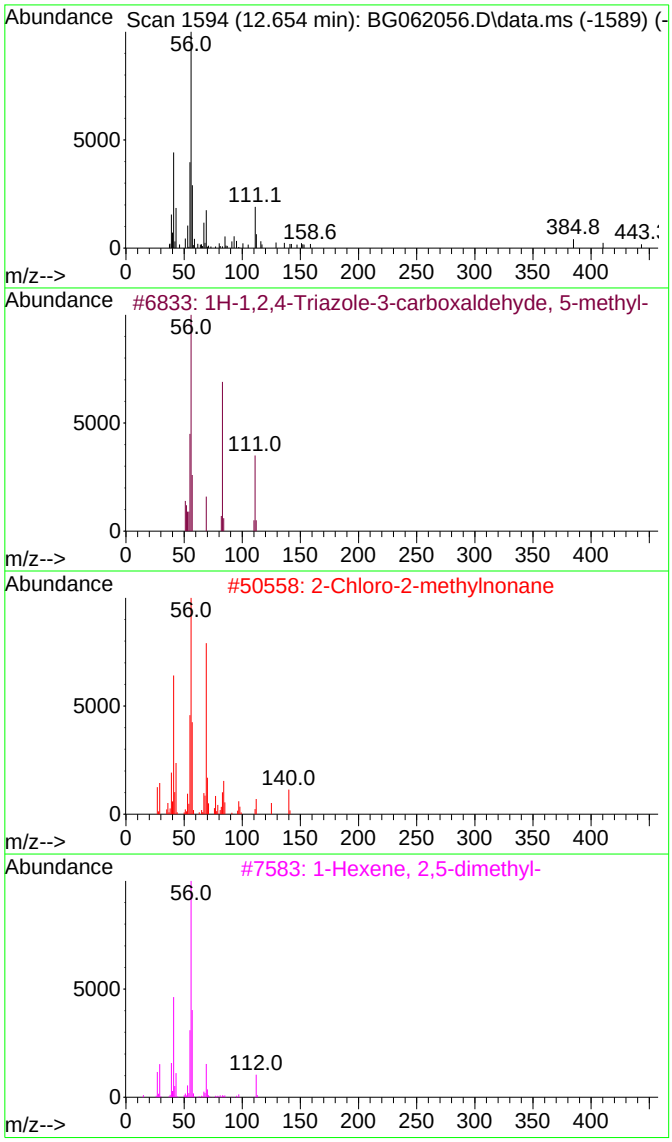
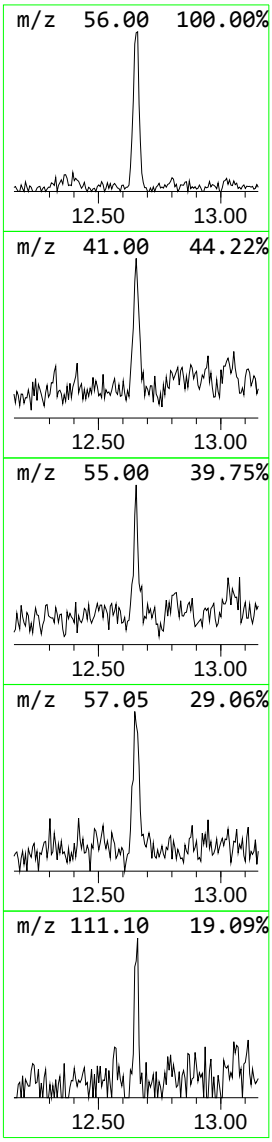
Peak Number 4 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.654	2.98 ng/ul	58346	Naphthalene-d8	10.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,2,4-Triazole-3-carboxaldehy...	111	C4H5N3O	056804-98-9	45
2	2-Chloro-2-methylnonane	176	C10H21Cl	004325-50-2	40
3	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	40
4	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	38
5	Tridecane, 7-methylene-	196	C14H28	019780-80-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062056.D
Acq On : 13 Jul 2024 1:29
Operator : MA/JU
Sample : P3137-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

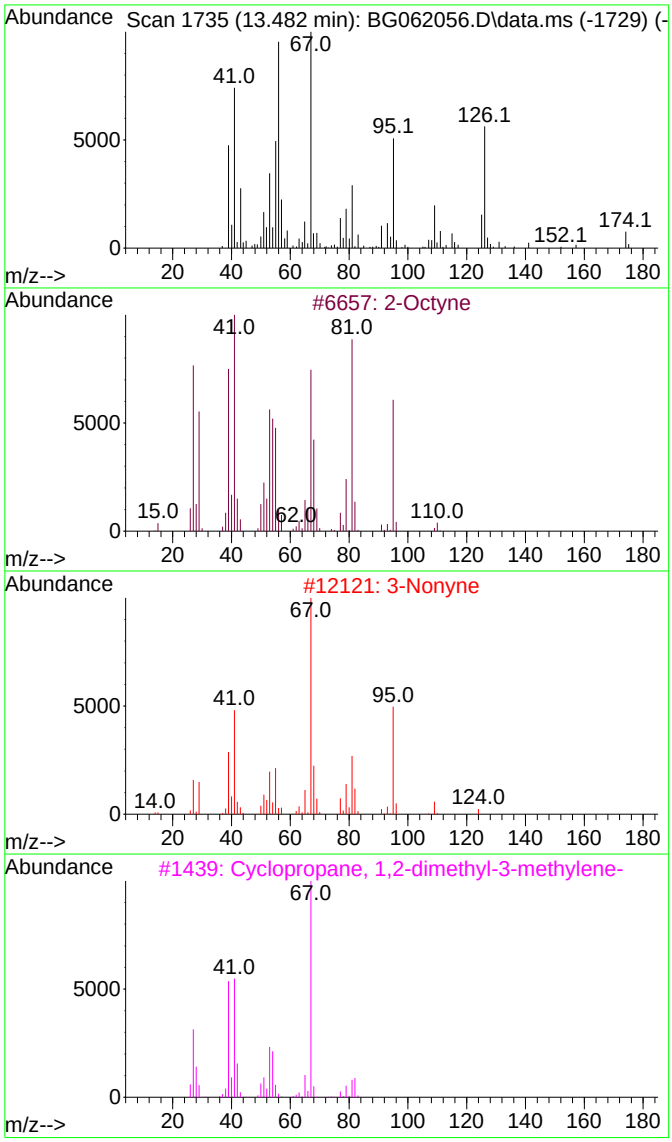
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

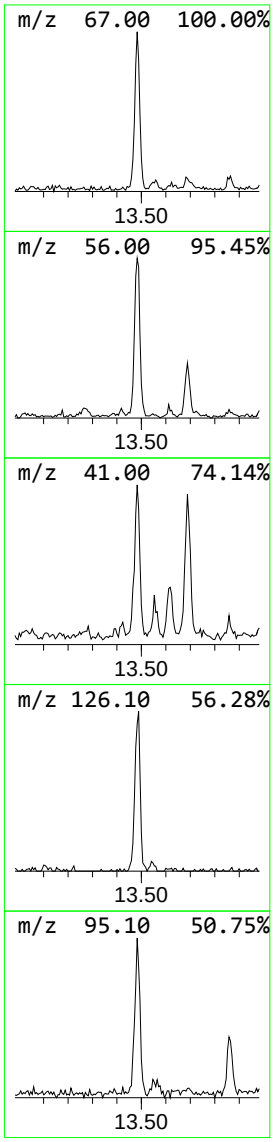
****

Peak Number 5 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.482	10.88 ng/ul	381577	Acenaphthene-d10	14.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octyne	110	C8H14	002809-67-8	38
2	3-Nonyne	124	C9H16	020184-89-8	27
3	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	27
4	1H-Pyrazole-3,4-diamine, 1,5-dim...	126	C5H10N4	076368-87-1	27
5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	27





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Operator : MA/JU
Sample : P3137-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE3

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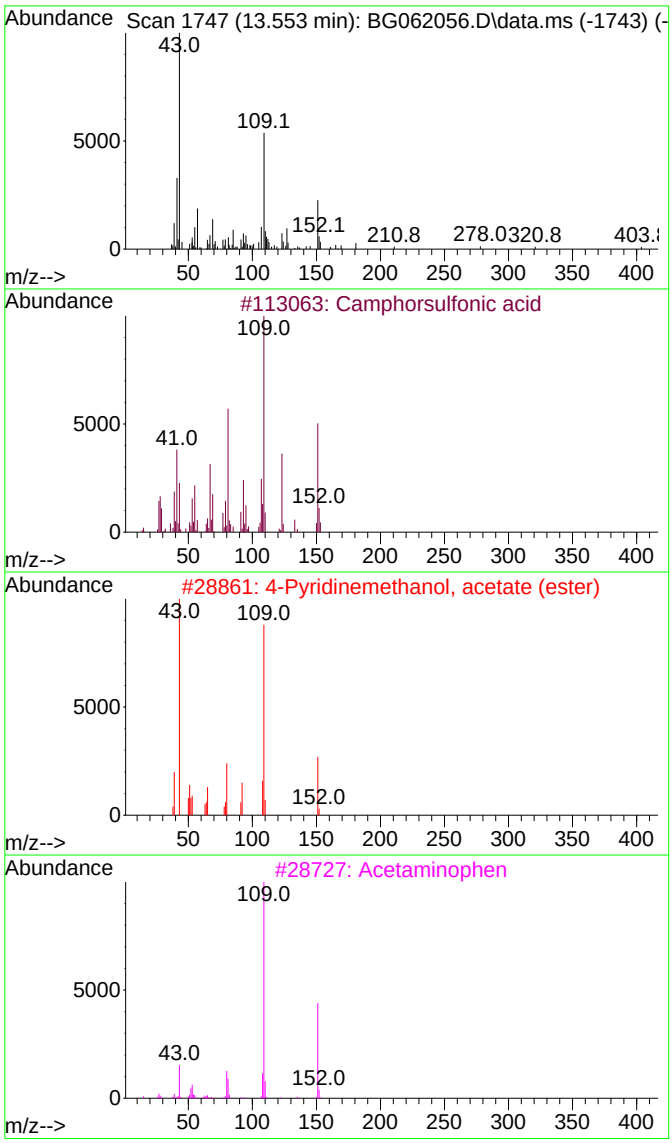
Quant Title : SVOA CALIBRATION

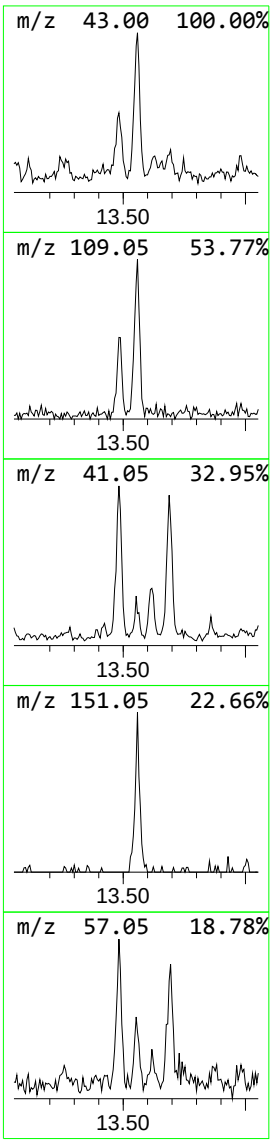
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Camphorsulfonic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.553	3.21 ng/ul	112596	Acenaphthene-d10	14.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphorsulfonic acid	232	C10H16O4S	003144-16-9	50
2	4-Pyridinemethanol, acetate (ester)	151	C8H9NO2	001007-48-3	47
3	Acetaminophen	151	C8H9NO2	000103-90-2	47
4	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	47
5	(7,7-Dimethyl-2-oxobicyclo[2.2.1...	250	C10H15ClO3S	1000194-76-1	45





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Sample : P3137-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

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BNA_G
ClientSampleId :
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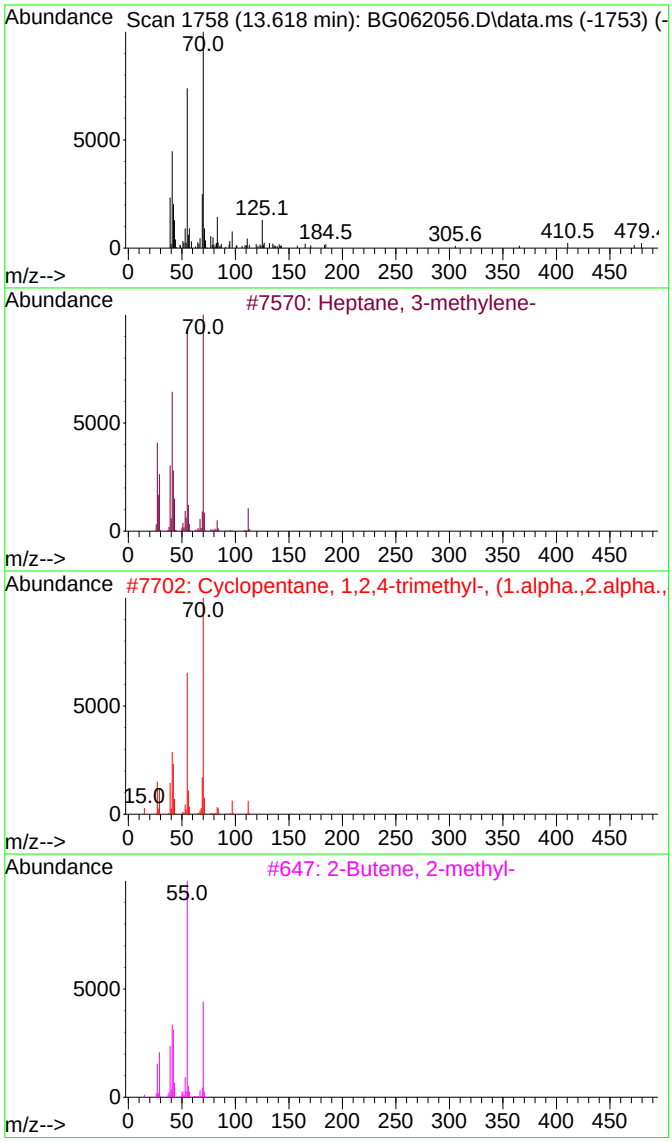
Quant Title : SVOA CALIBRATION

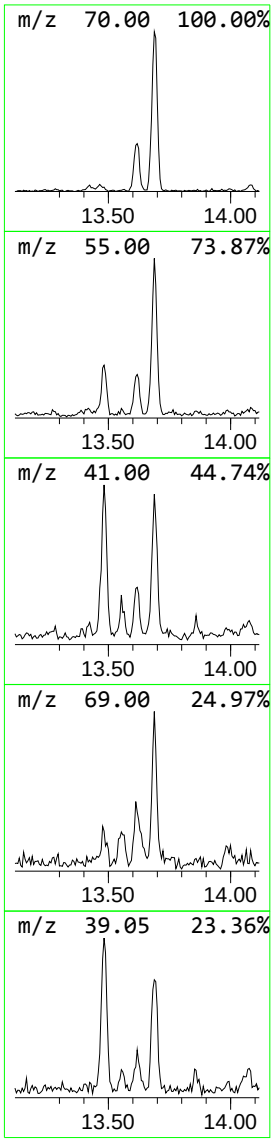
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.618	3.37 ng/ul	118330	Acenaphthene-d10	14.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methylene-	112	C8H16	001632-16-2	64
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	64
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	64
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	64
5	Isopropylcyclobutane	98	C7H14	000872-56-0	64





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ClientSampleId :
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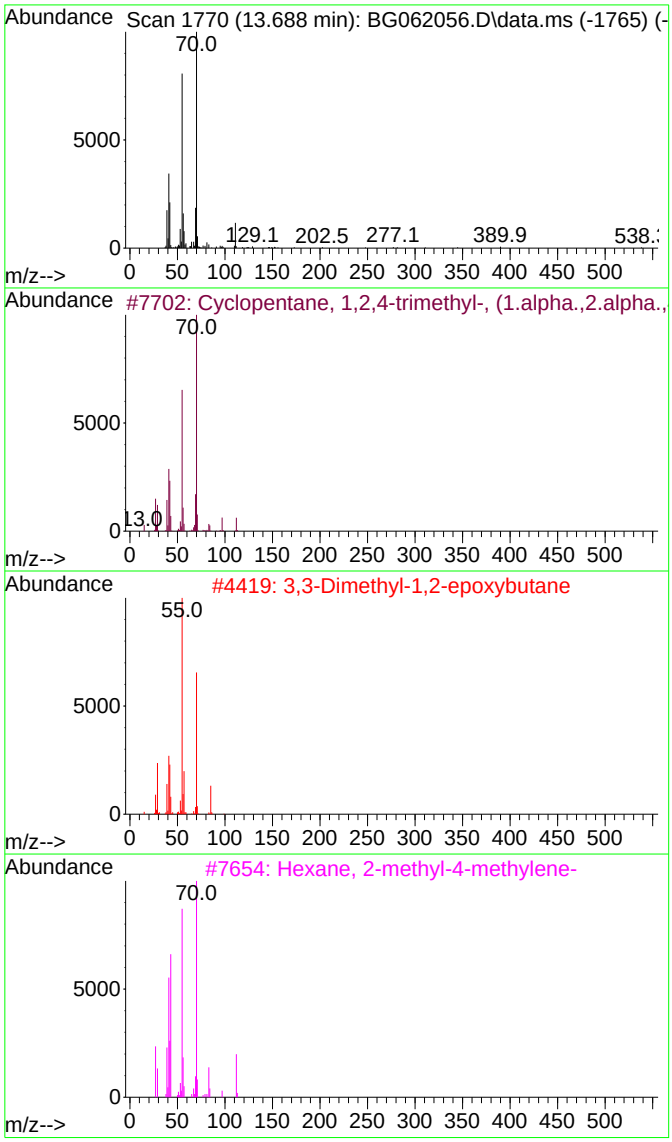
Quant Title : SVOA CALIBRATION

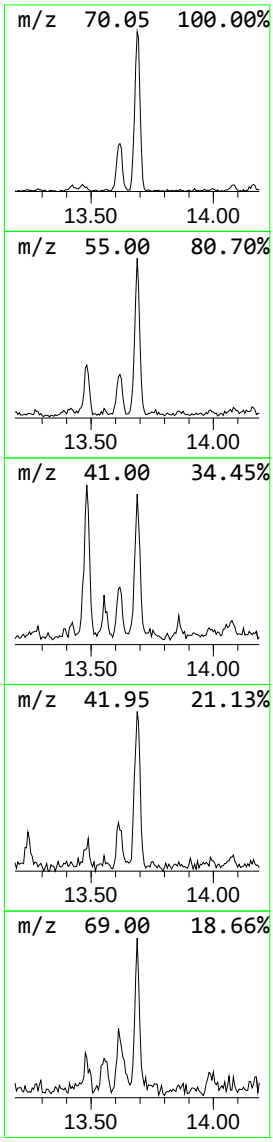
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic13.688 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.688	8.88 ng/ul	311231	Acenaphthene-d10	14.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	72
2	3,3-Dimethyl-1,2-epoxybutane	100	C6H12O	002245-30-9	72
3	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	72
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	72
5	Nonane, 3-methylene-	140	C10H20	051655-64-2	64





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ALS Vial : 13 Sample Multiplier: 1

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BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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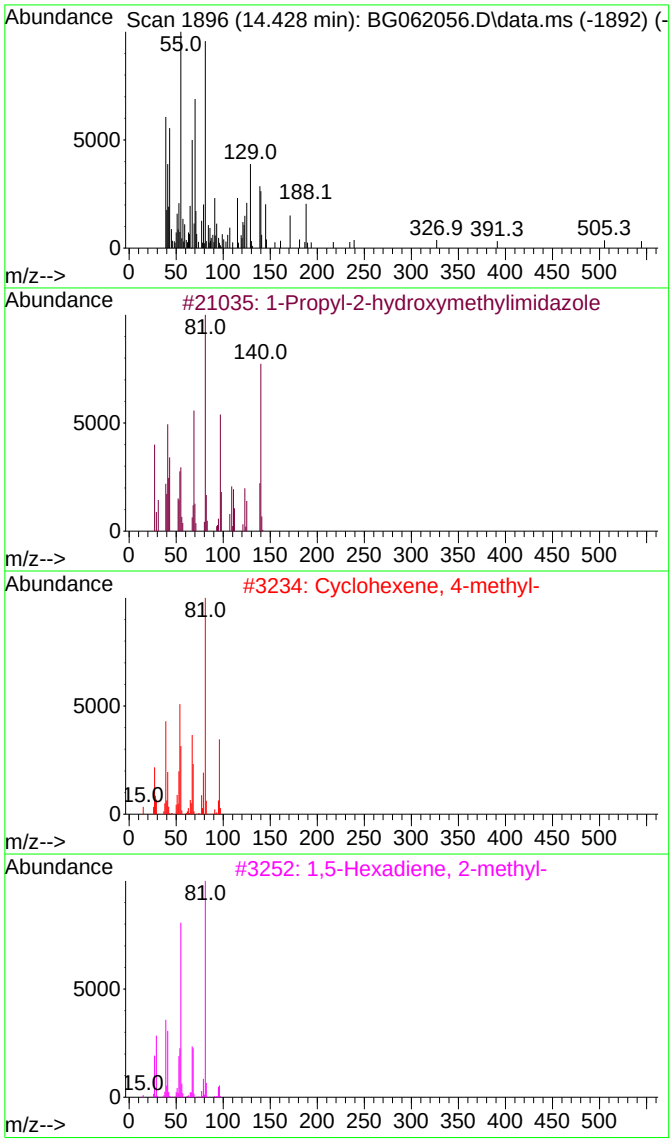
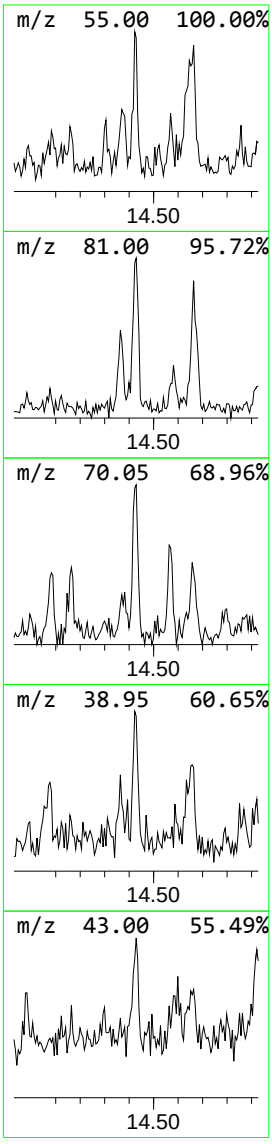
Peak Number 9 unknown-05 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.428	3.21 ng/ul	112672	Acenaphthene-d10	14.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyl-2-hydroxymethylimidazole	140	C7H12N2O	143886-50-4	27
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	14
3	1,5-Hexadiene, 2-methyl-	96	C7H12	004049-81-4	14
4	Bornyl bromide	216	C10H17Br	004443-48-5	14
5	Bis[(2-chlorocyclopentyl)methylo...	280	C13H22Cl2O2	1000216-83-2	14





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Sample : P3137-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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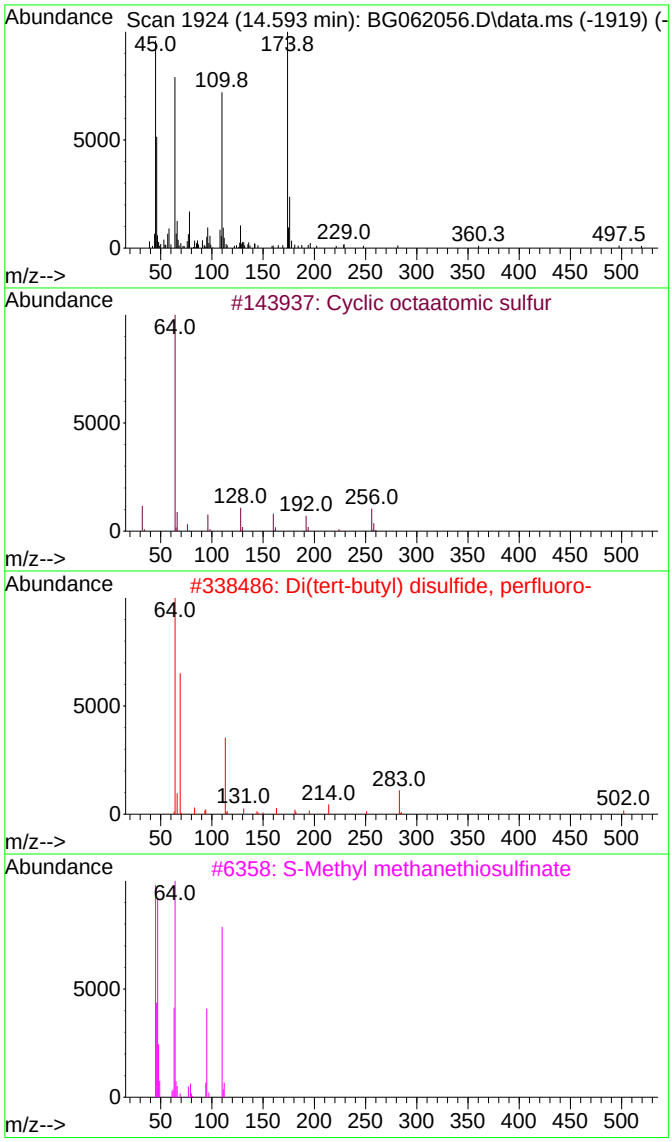
Quant Title : SVOA CALIBRATION

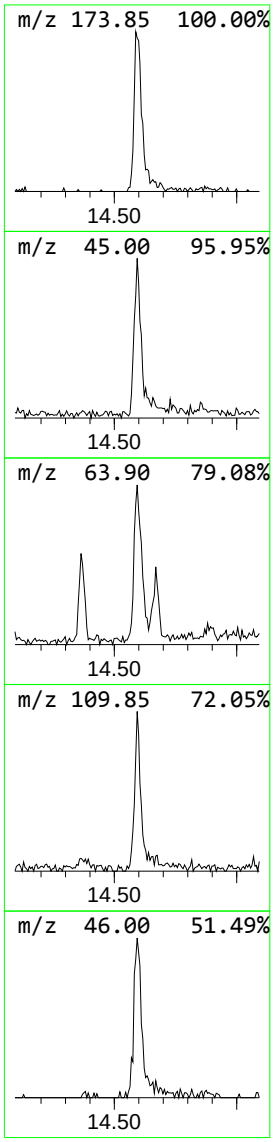
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 unknown-06 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.593	6.91 ng/ul	242138	Acenaphthene-d10	14.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclic octaatomic sulfur	256	S8	010544-50-0	43
2	Di(tert-butyl) disulfide, perflu...	502	C8F18S2	034880-30-3	40
3	S-Methyl methanethiosulfinate	110	C2H6OS2	013882-12-7	38
4	Propanoic acid, 3,3,3-trifluoro-	128	C3H3F3O2	002516-99-6	33
5	Pentafluorochlorodimethyl trisul...	250	C2ClF5S3	1000226-65-9	33





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Sample : P3137-21
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

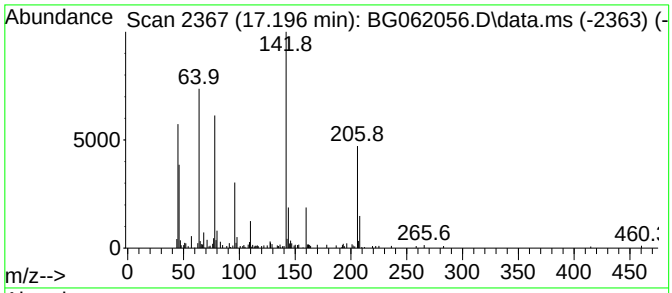
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

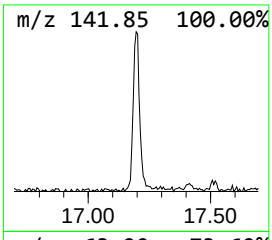
****

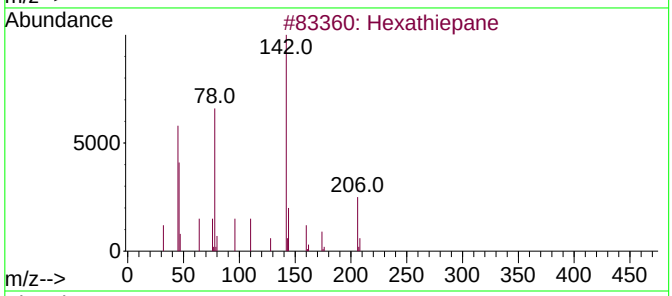
Peak Number 11 Hexathiepane Concentration Rank 7

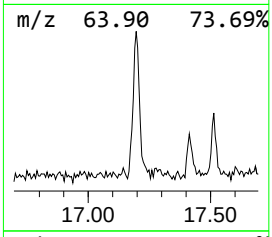
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.196	5.73 ng/ul	230829	Phenanthrene-d10	17.413

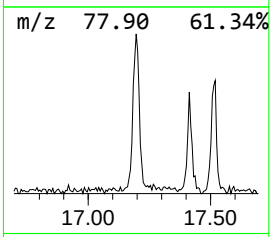
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexathiepane	206	CH2S6	017233-71-5	60
2	Cyclohexane-d12	96	C6D12	001735-17-7	50
3	2-Sulfamyl-4,4'-diformamidodiphe...	383	C14H13N3O6S2	1000256-33-9	23
4	Lenthionine	188	C2H4S5	000292-46-6	10
5	3,4-Ethylenedioxythiophene	142	C6H6O2S	126213-50-1	9

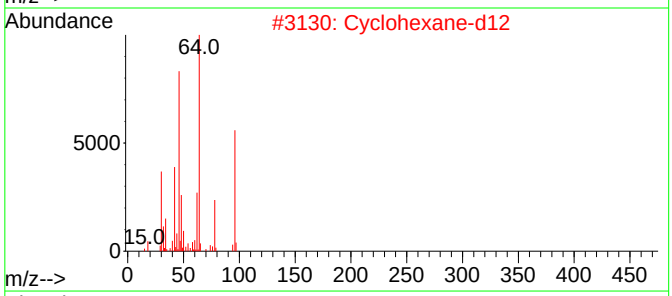


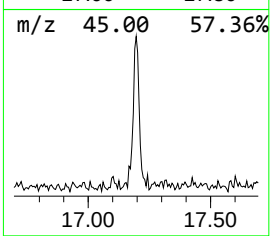


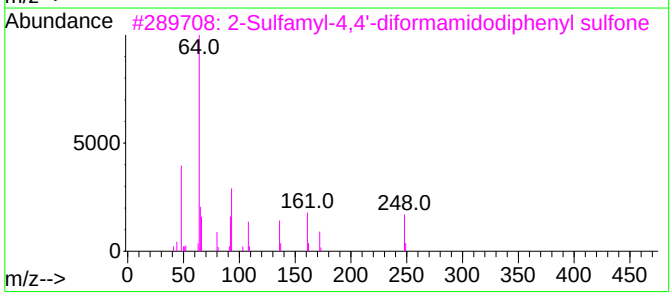


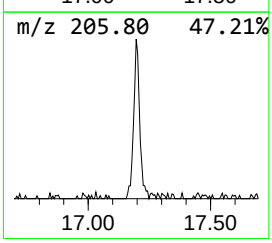












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Operator : MA/JU
Sample : P3137-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

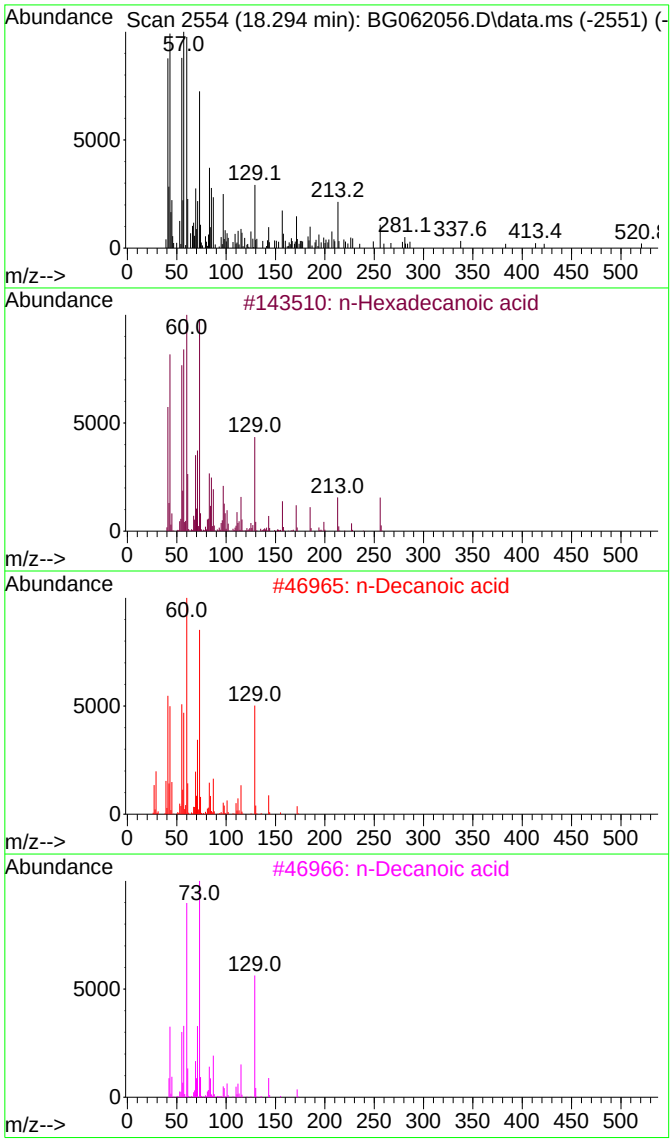
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

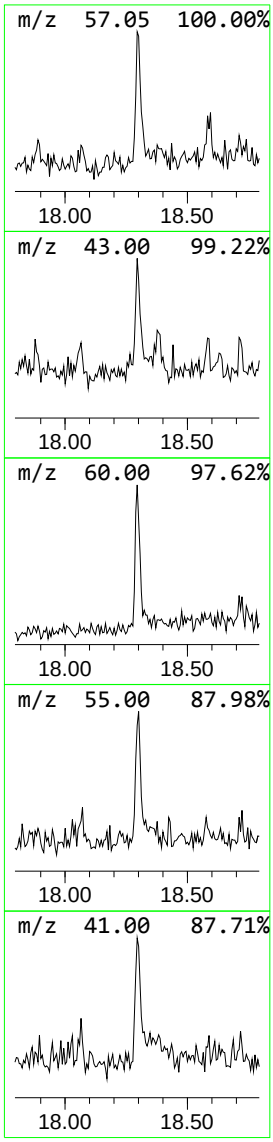
****

Peak Number 12 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.294	2.82 ng/ul	113580	Phenanthrene-d10	17.413

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55
2	n-Decanoic acid	172	C10H20O2	000334-48-5	53
3	n-Decanoic acid	172	C10H20O2	000334-48-5	46
4	n-Decanoic acid	172	C10H20O2	000334-48-5	46
5	Octane, 1-(ethenylthio)-	172	C10H20S	042779-08-8	43





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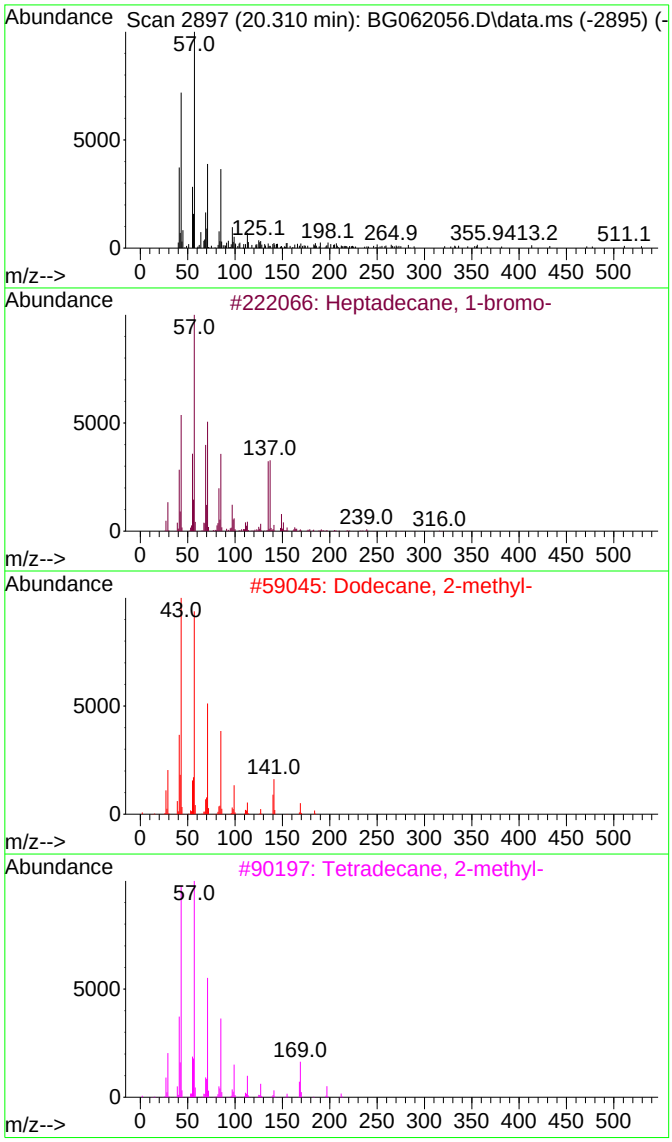
Quant Title : SVOA CALIBRATION

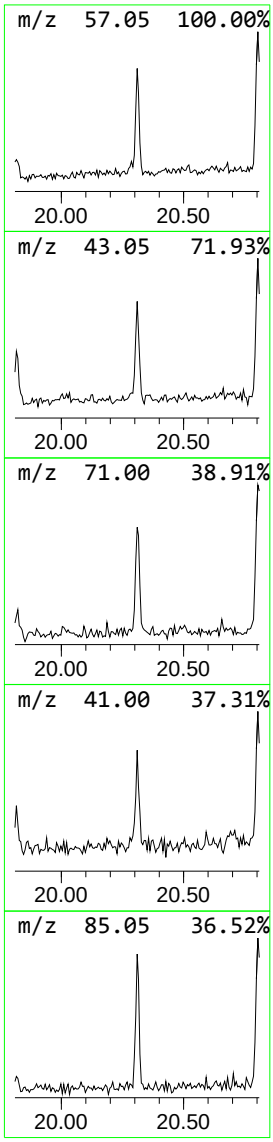
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Heptadecane, 1-bromo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.310	2.61 ng/ul	111461	Chrysene-d12	21.673

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	72
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
3	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	64
4	Tetratetracontane	619	C44H90	007098-22-8	64
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	58





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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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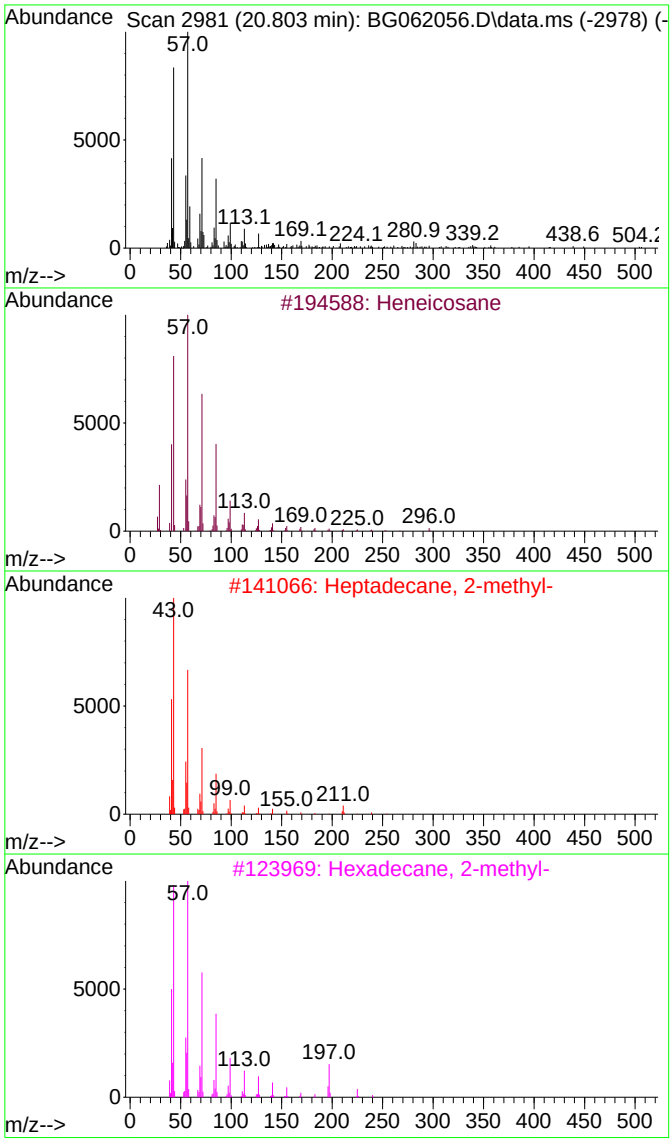
Quant Title : SVOA CALIBRATION

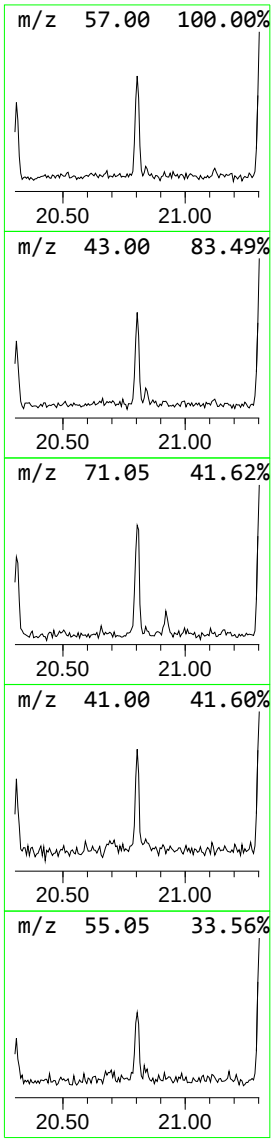
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.803	4.74 ng/ul	201944	Chrysene-d12	21.673

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	70
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	64
4	Heneicosane	296	C21H44	000629-94-7	64
5	Nonadecane	268	C19H40	000629-92-5	62





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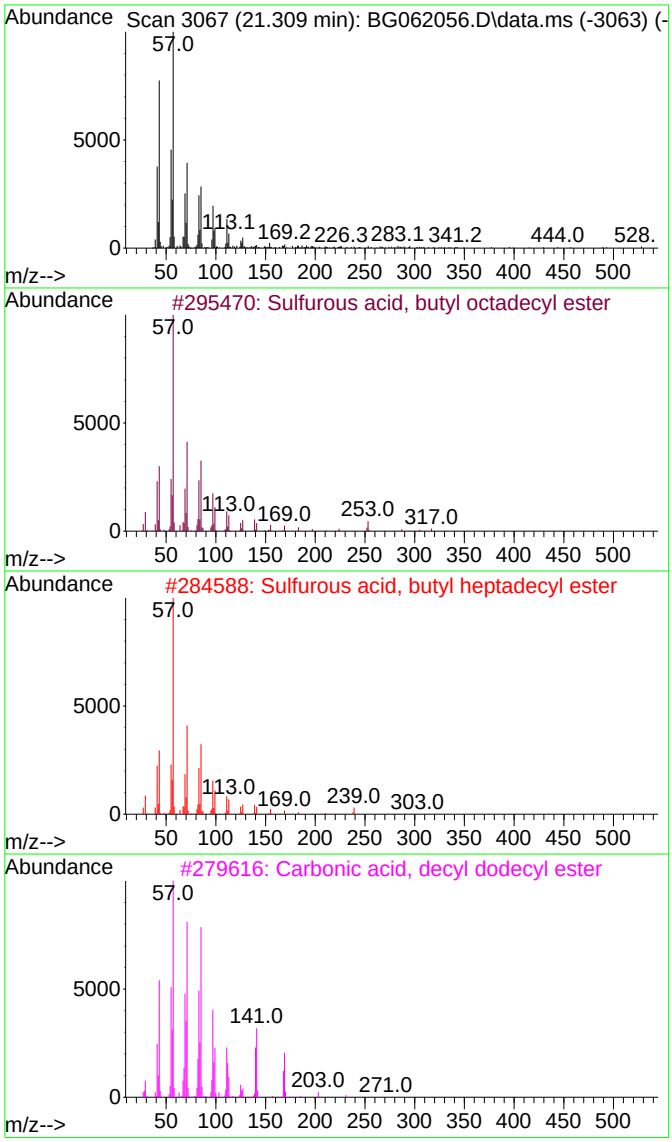
Quant Title : SVOA CALIBRATION

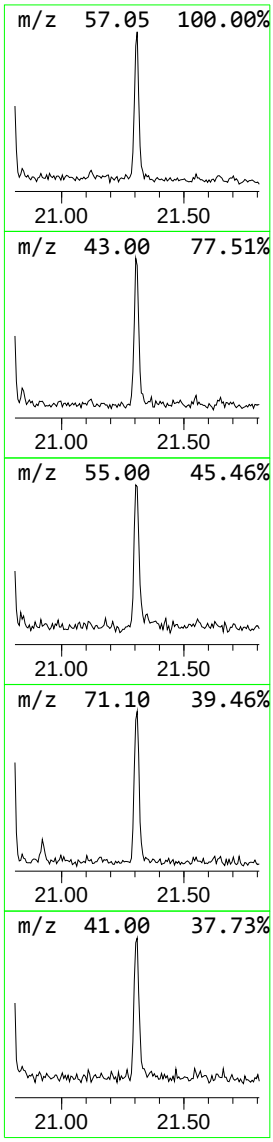
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Sulfurous acid, butyl octad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.309	11.48 ng/ul	489452	Chrysene-d12	21.673

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	86
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	86
3	Carbonic acid, decyl dodecyl ester	370	C23H46O3	1000383-16-1	74
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	72
5	Carbonic acid, decyl tetradecyl ...	398	C25H50O3	1010383-16-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062056.D
Acq On : 13 Jul 2024 1:29
Operator : MA/JU
Sample : P3137-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE3

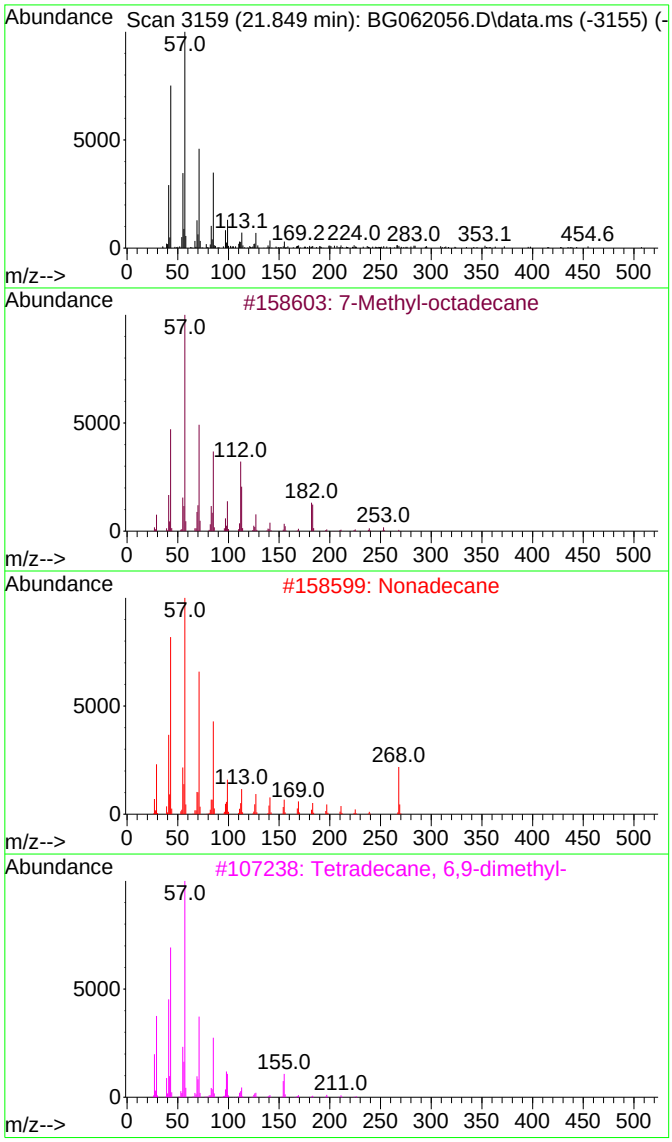
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

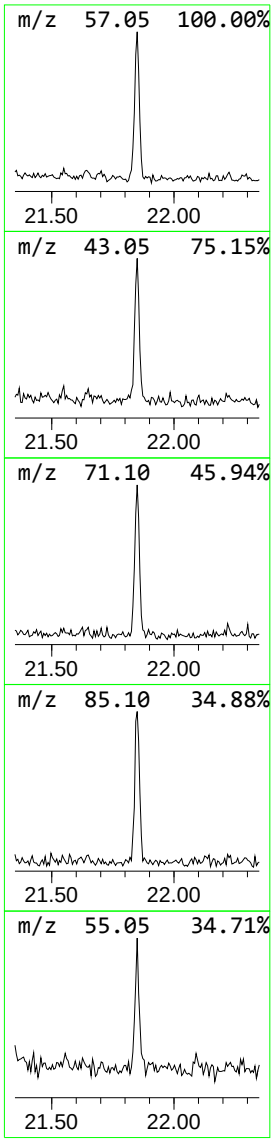
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.849	5.74 ng/ul	244779	Chrysene-d12	21.673

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methyl-octadecane	268	C19H40	1000192-63-3	87
2	Nonadecane	268	C19H40	000629-92-5	83
3	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	80
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062056.D
Acq On : 13 Jul 2024 1:29
Operator : MA/JU
Sample : P3137-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE3

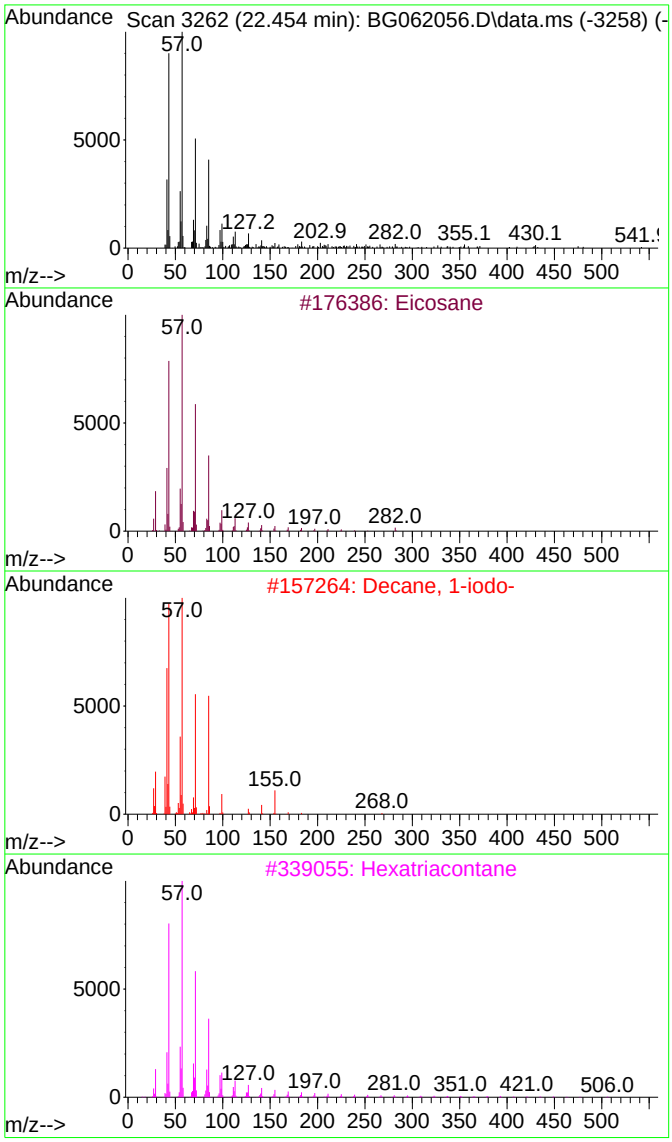
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

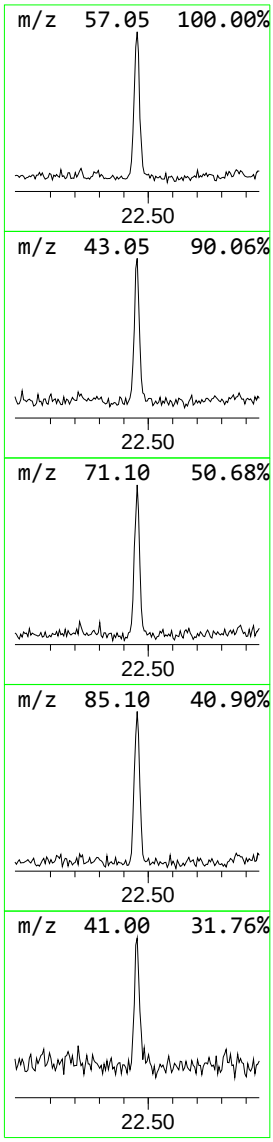
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.454	6.27 ng/ul	267467	Chrysene-d12	21.673

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	87
3	Hexatriacontane	507	C36H74	000630-06-8	87
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
5	Eicosane	282	C20H42	000112-95-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062056.D
Acq On : 13 Jul 2024 1:29
Operator : MA/JU
Sample : P3137-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE3

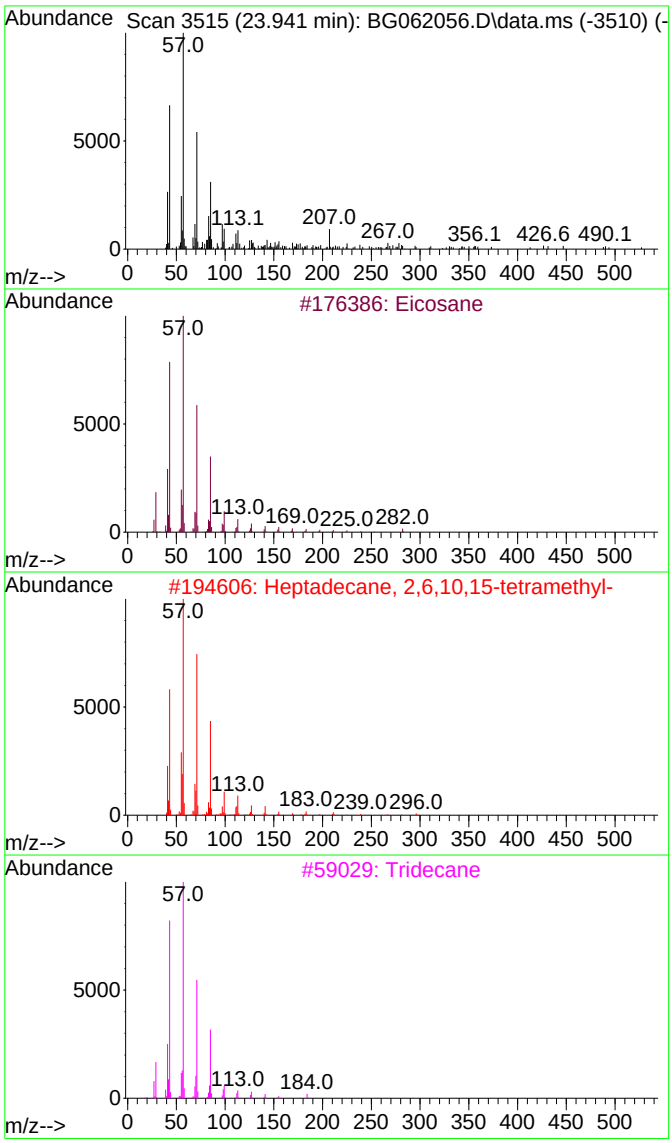
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

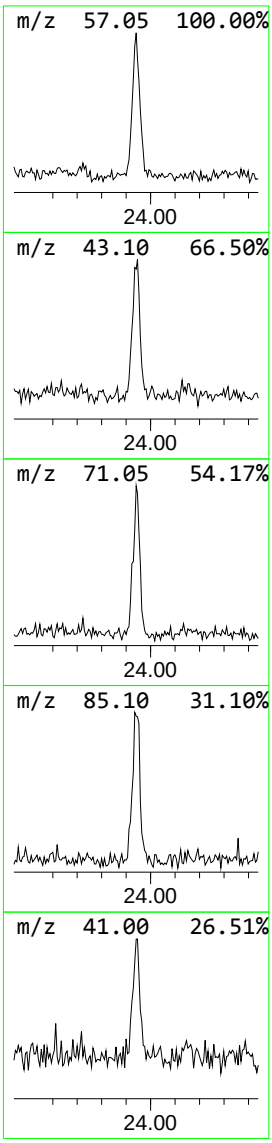
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.941	4.26 ng/ul	226448	Perylene-d12	24.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Tridecane	184	C13H28	000629-50-5	70
4	Heptacosane	380	C27H56	000593-49-7	68
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062056.D
Acq On : 13 Jul 2024 1:29
Operator : MA/JU
Sample : P3137-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.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
unknown-01	9.851	2.6	ng/ul	50467	2	10.850	392222	20.0
unknown-02	10.357	3.4	ng/ul	66210	2	10.850	392222	20.0
1-Butanone, 1-(...	11.914	2.0	ng/ul	39845	2	10.850	392222	20.0
unknown-03	12.654	3.0	ng/ul	58346	2	10.850	392222	20.0
unknown-04	13.482	10.9	ng/ul	381577	3	14.675	701315	20.0
Camphorsulfonic...	13.553	3.2	ng/ul	112596	3	14.675	701315	20.0
(DEL) Alkane: S...	13.618	3.4	ng/ul	118330	3	14.675	701315	20.0
(DEL) Alkane: C...	13.688	8.9	ng/ul	311231	3	14.675	701315	20.0
unknown-05	14.428	3.2	ng/ul	112672	3	14.675	701315	20.0
unknown-06	14.593	6.9	ng/ul	242138	3	14.675	701315	20.0
Hexathiepane	17.196	5.7	ng/ul	230829	4	17.413	805892	20.0
n-Hexadecanoic ...	18.294	2.8	ng/ul	113580	4	17.413	805892	20.0
Heptadecane, 1-...	20.310	2.6	ng/ul	111461	5	21.673	852816	20.0
(DEL) Alkane: S...	20.803	4.7	ng/ul	201944	5	21.673	852816	20.0
Sulfurous acid,...	21.309	11.5	ng/ul	489452	5	21.673	852816	20.0
(DEL) Alkane: S...	21.849	5.7	ng/ul	244779	5	21.673	852816	20.0
(DEL) Alkane: S...	22.454	6.3	ng/ul	267467	5	21.673	852816	20.0
(DEL) Alkane: S...	23.941	4.3	ng/ul	226448	6	24.881	1063380	20.0