LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062054.D
Acq On : 13 Jul 2024 00:07
Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YDZE5

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: BG062054.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.438	22	25	26	rVV3	9588	11384	0.42%	0.040%
2	3.473	26	31	41	rVV	150263	233186	8.58%	0.828%
3	3.861	94	97	107	rBV	74491	124343	4.58%	0.441%
4	4.243	159	162	165	rVV4	4893	5949	0.22%	0.021%
5	5.312	339	344	351	rVV6	9556	15768	0.58%	0.056%
6	6.758	586	590	595	rVB3	3825	8040	0.30%	0.029%
7	7.140	648	655	658	rVV5	3801	6310	0.23%	0.022%
8	7.204	660	666	677	rVB	135944	235737	8.68%	0.837%
9	7.363	686	693	700	rBV	162363	272775	10.04%	0.968%
10	7.574	722	729	736	rVV	241017	426100	15.69%	1.513%
11	7.621	736	737	741	rVV3	5458	5659	0.21%	0.020%
12	8.039	802	808	814	rBV	136433	231004	8.50%	0.820%
13	8.238	838	842	847	rVV6	5663	11979	0.44%	0.043%
14	8.579	895	900	905	rBV3	12583	26145	0.96%	0.093%
15	8.697	917	920	923	rVV3	7015	11657	0.43%	0.041%
16	8.749	923	929	939	rVB2	267720	466445	17.17%	1.656%
17	8.896	949	954	958	rVB4	5249	8038	0.30%	0.029%
18	9.108	982	990	1000	rBV	38339	68617	2.53%	0.244%
19	9.208	1000	1007	1014	rBV2	226147	406955	14.98%	1.445%
20	9.654	1076	1083	1091	rBV	83418	143237	5.27%	0.509%
21	9.742	1094	1098	1107	rBV5	16487	32563	1.20%	0.116%
22	9.872	1115	1120	1123	rBV3	6539	8908	0.33%	0.032%
23	9.930	1123	1130	1136	rBV2	221501	385097	14.18%	1.367%
24	10.242	1179	1183	1189	rVV3	5236	11153	0.41%	0.040%
25	10.312	1192	1195	1198	rVV4	8501	12758	0.47%	0.045%
26	10.353	1198	1202	1210	rVB6	13557	30657	1.13%	0.109%
27	10.477	1215	1223	1232	rBV	359315	663037	24.41%	2.354%
28	10.553	1232	1236	1242	rVB2	28856	47088	1.73%	0.167%
29	10.771	1261	1273	1281	rVV	143801	265810	9.79%	0.944%
30	10.853	1281	1287	1295	rBV	208964	371134	13.66%	1.318%
31	10.929	1295	1300	1303	rBV4	16187	26288	0.97%	0.093%
32	10.988	1303	1310	1319	rBV2	230431	420300	15.47%	1.492%
33	11.305	1360	1364	1366	rBV4	6978	6354	0.23%	0.023%
34	11.399	1373	1380	1390	rBV	242929	486651	17.91%	1.728%
35	11.505	1391	1398	1403	rBV2	88676	145888	5.37%	0.518%
36	11.664	1422	1425	1426	rVV2	8057	8461	0.31%	0.030%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062054.D
Acq On : 13 Jul 2024 00:07
Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

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	11.822	1448	1452	1454	rBV4	6834	10212	0.38%	0.036%
38	11.887	1457	1463	1466	rVV4	37616	83899	3.09%	0.298%
39	11.916	1466	1468	1473	rVV4	36061	49294	1.81%	0.175%
40	12.004	1477	1483	1490	rVB	92628	156943	5.78%	0.557%
41	12.098	1490	1499	1505	rBV9	26509	61187	2.25%	0.217%
42	12.151	1505	1508	1512	rVB5	7084	8595	0.32%	0.031%
43	12.234	1518	1522	1525	rVB5	10745	16142	0.59%	0.057%
44	12.298	1529	1533	1538	rBV4	27790	44499	1.64%	0.158%
45	12.333	1538	1539	1543	rVB4	12755	13690	0.50%	0.049%
46	12.392	1546	1549	1550	rBV3	10245	8744	0.32%	0.031%
47	12.510	1565	1569	1571	rBV5	7366	9883	0.36%	0.035%
48	12.574	1571	1580	1586	rVV3	43866	85787	3.16%	0.305%
49	12.657	1588	1594	1597	rBV	117075	208002	7.66%	0.738%
50	12.686	1597	1599	1608	rVB2	86459	128793	4.74%	0.457%
51	12.798	1608	1618	1625	rBV6	39093	104360	3.84%	0.370%
52	12.886	1626	1633	1637	rVB9	21559	38347	1.41%	0.136%
53	12.945	1637	1643	1646	rBV7	10895	21937	0.81%	0.078%
54	12.974	1646	1648	1649	rBV2	12088	8968	0.33%	0.032%
55	13.115	1668	1672	1676	rBV7	13385	24795	0.91%	0.088%
56	13.168	1677	1681	1683	rVV5	22910	31132	1.15%	0.111%
57	13.203	1685	1687	1691	rVV4	11020	14058	0.52%	0.050%
58	13.256	1692	1696	1701	rVV7	25173	37015	1.36%	0.131%
59	13.338	1705	1710	1716	rBV10	9803	24907	0.92%	0.088%
60	13.420	1720	1724	1728	rVV2	36223	60327	2.22%	0.214%
61	13.491	1728	1736	1742	rVB	1040322	1717632	63.23%	6.098%
62	13.556	1742	1747	1751	rVB8	16241	29548	1.09%	0.105%
63	13.620	1751	1758	1763	rBV	259165	411310	15.14%	1.460%
64	13.702	1763	1772	1780	rVV	1619113	2716458	100.00%	9.644%
65	13.767	1780	1783	1787	rVV5	12684	15638	0.58%	0.056%
66	13.861	1794	1799	1808	rBV	205315	339329	12.49%	1.205%
67	13.990	1815	1821	1825	rBV4	65973	114194	4.20%	0.405%
68	14.078	1827	1836	1840	rVV	780739	1229069	45.25%	4.363%
69	14.125	1840	1844	1847	rVV5	101778	159240	5.86%	0.565%
70	14.167	1847	1851	1857	rVB3	86334	149073	5.49%	0.529%
71	14.366	1879	1885	1892	rBV	842653	1591439	58.59%	5.650%
72	14.431	1892	1896	1902	rVB	423968	625730	23.03%	2.221%
73	14.513	1907	1910	1914	rVB	34668	40763	1.50%	0.145%
74	14.566	1914	1919	1926	rBV	118947	222864	8.20%	0.791%
75	14.666	1927	1936	1944	rVB4	741225	1443095	53.12%	5.123%
76	14.731	1944	1947	1950	rBV5	17226	27897	1.03%	0.099%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062054.D
Acq On : 13 Jul 2024 00:07
Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

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

77	14.801	1955	1959	1964	rBV2	44210	63146	2.32%	0.224%
78	14.895	1971	1975	1978	rBV2	99280	161314	5.94%	0.573%
79	15.118	2009	2013	2019	rVB	121678	176452	6.50%	0.626%
80	15.254	2034	2036	2041	rVB3	30709	32758	1.21%	0.116%
81	15.318	2045	2047	2048	rBV2	11074	9811	0.36%	0.035%
82	15.359	2048	2054	2057	rBV6	31433	56643	2.09%	0.201%
83	15.471	2068	2073	2081	rBV6	30452	82635	3.04%	0.293%
84	15.583	2090	2092	2098	rVB7	28303	37674	1.39%	0.134%
85	15.665	2099	2106	2117	rVB	884611	1386388	51.04%	4.922%
86	15.776	2120	2125	2135	rVB	375059	579450	21.33%	2.057%
87	16.811	2297	2301	2305	rVB7	29221	42931	1.58%	0.152%
88	17.022	2333	2337	2340	rBV6	17168	29542	1.09%	0.105%
89	17.116	2350	2353	2357	rBV6	18395	36110	1.33%	0.128%
90	17.416	2398	2404	2410	rBV	498092	771860	28.41%	2.740%
91	17.516	2415	2421	2430	rVV	1041944	1565312	57.62%	5.557%
92	17.580	2430	2432	2436	rVB5	18547	22630	0.83%	0.080%
93	17.692	2449	2451	2454	rVB3	20235	22080	0.81%	0.078%
94	18.297	2550	2554	2557	rBV6	27857	48888	1.80%	0.174%
95	19.795	2804	2809	2816	rBV	1205909	1746993	64.31%	6.202%
96	21.675	3123	3129	3136	rVB2	482376	809691	29.81%	2.874%
97	24.666	3629	3638	3648	rVB2	700832	1820344	67.01%	6.462%
98	24.883	3666	3675	3685	rVB2	320768	923380	33.99%	3.278%
99	31.858	4860	4862	4863	rBV2	12303	7813	0.29%	0.028%
100	31.952	4876	4878	4879	rBV2	12606	8210	0.30%	0.029%

Sum of corrected areas: 28168325

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062054.D
Acq On : 13 Jul 2024 00:07
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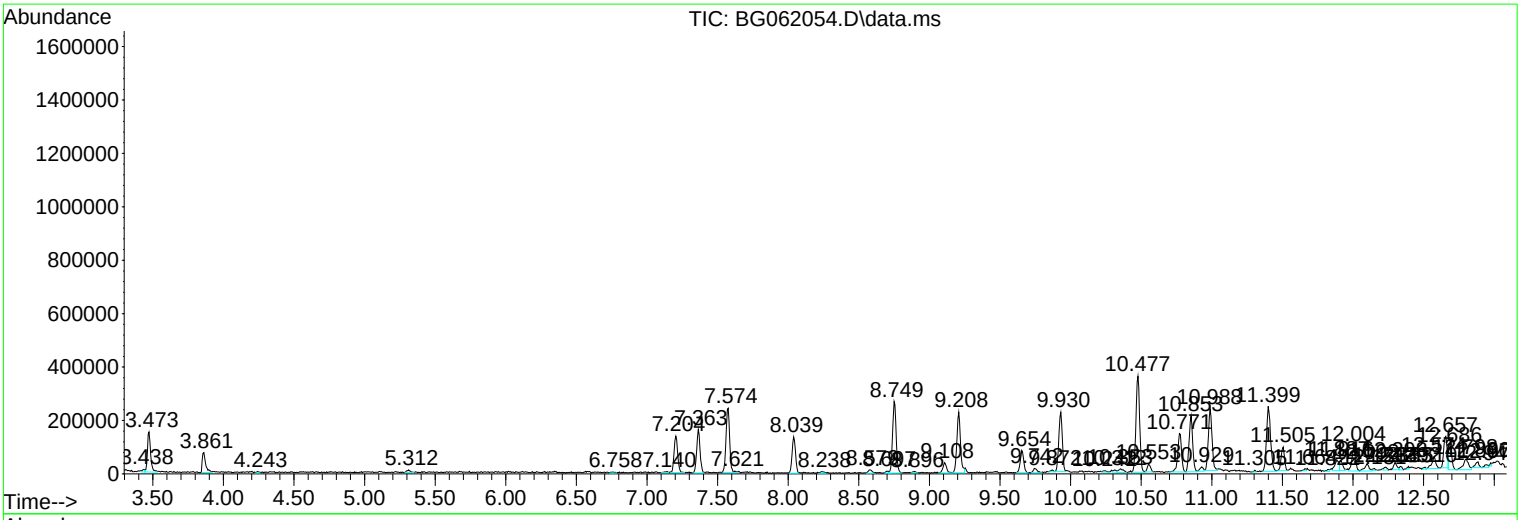
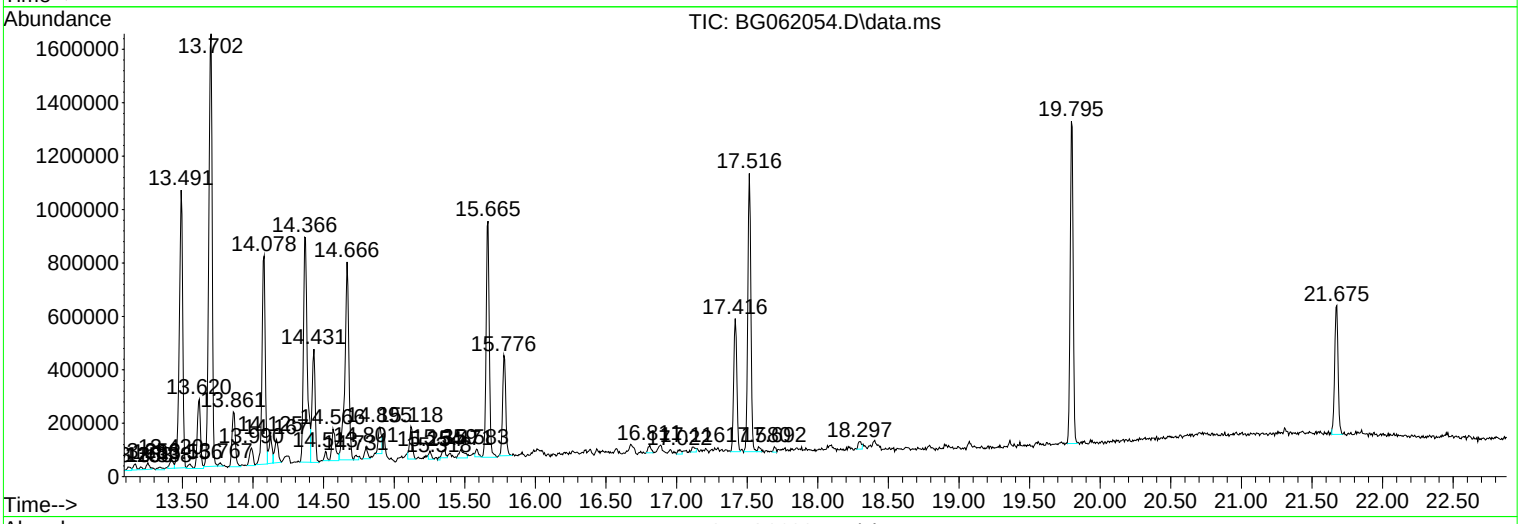
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

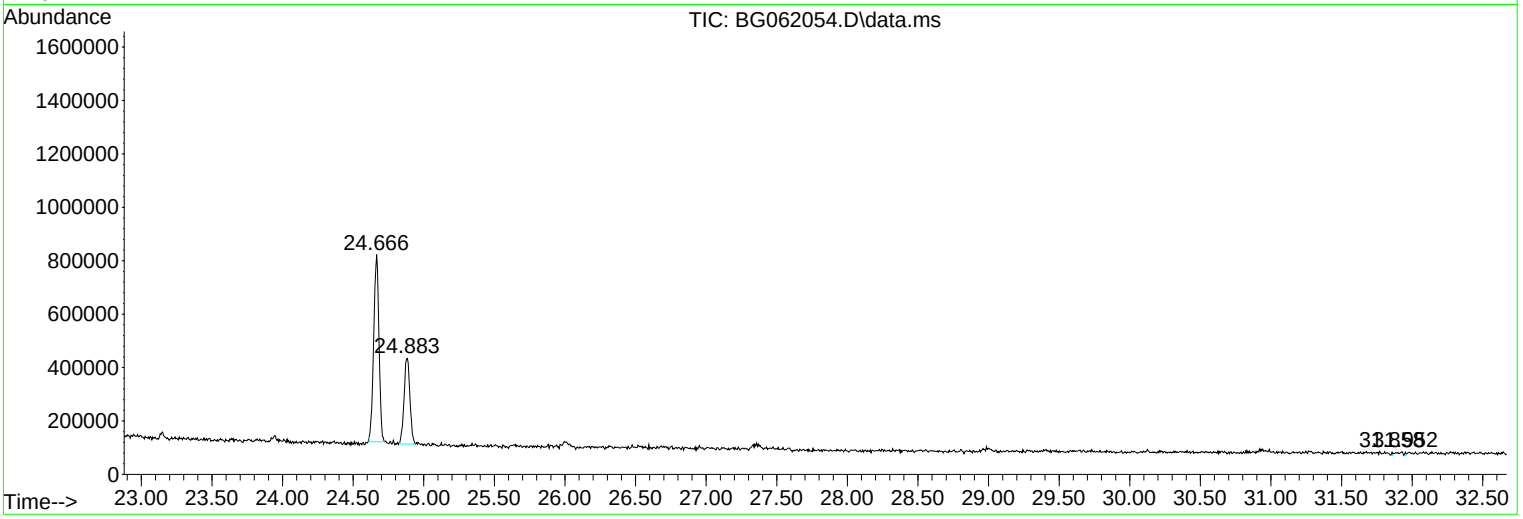
Instrument :
BNA_G
ClientSampleId :
YDZE5

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 : BG062054.D
Acq On : 13 Jul 2024 00:07
Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

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

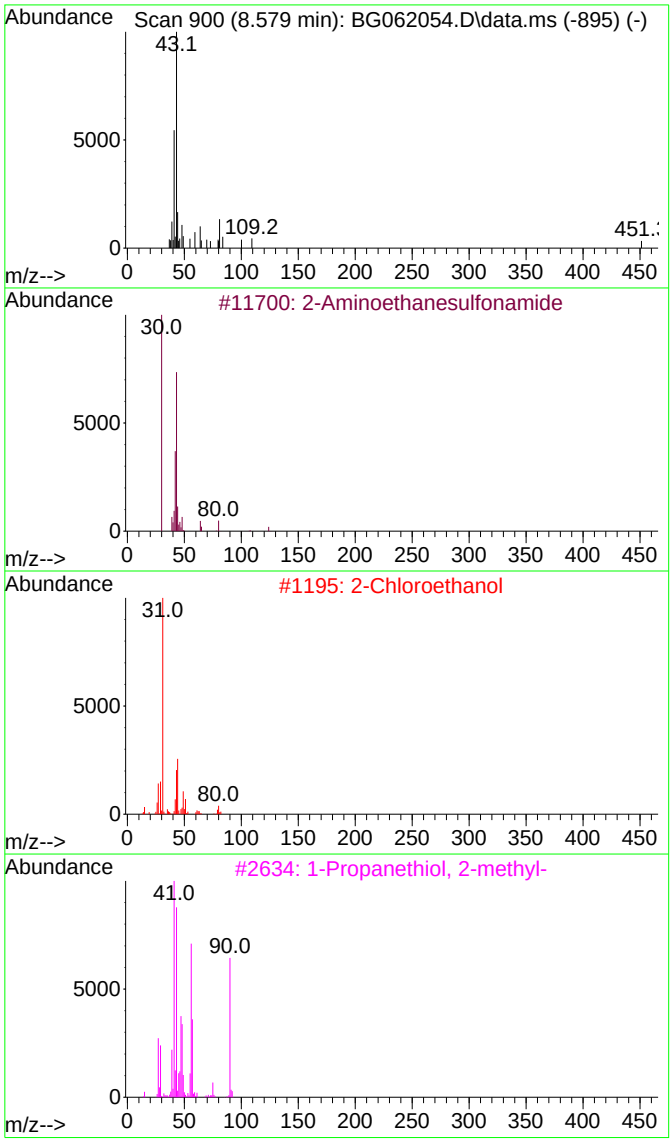
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

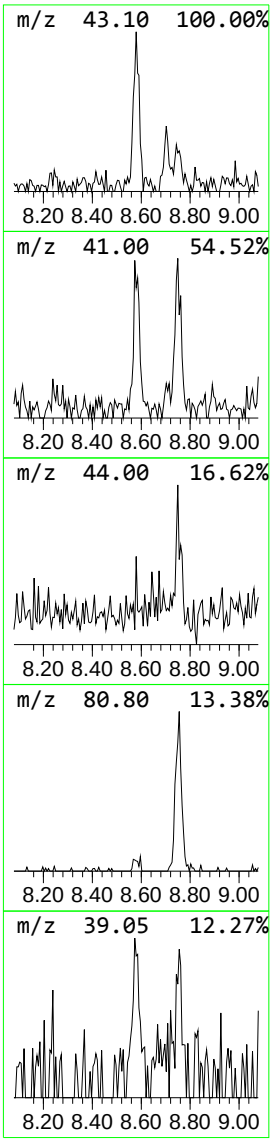
****

Peak Number 1 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.579	2.26 ng/ul	26145	1,4-Dichlorobenzene-d4	8.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Aminoethanesulfonamide	124	C2H8N2O2S	004378-70-5	32
2	2-Chloroethanol	80	C2H5ClO	000107-07-3	9
3	1-Propanethiol, 2-methyl-	90	C4H10S	000513-44-0	9
4	Dithiocarbamate, S-methyl-,N-(2-...	191	C7H13NOS2	135923-14-7	9
5	1-Propanesulfonyl chloride	142	C3H7ClO2S	010147-36-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062054.D
Acq On : 13 Jul 2024 00:07
Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

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

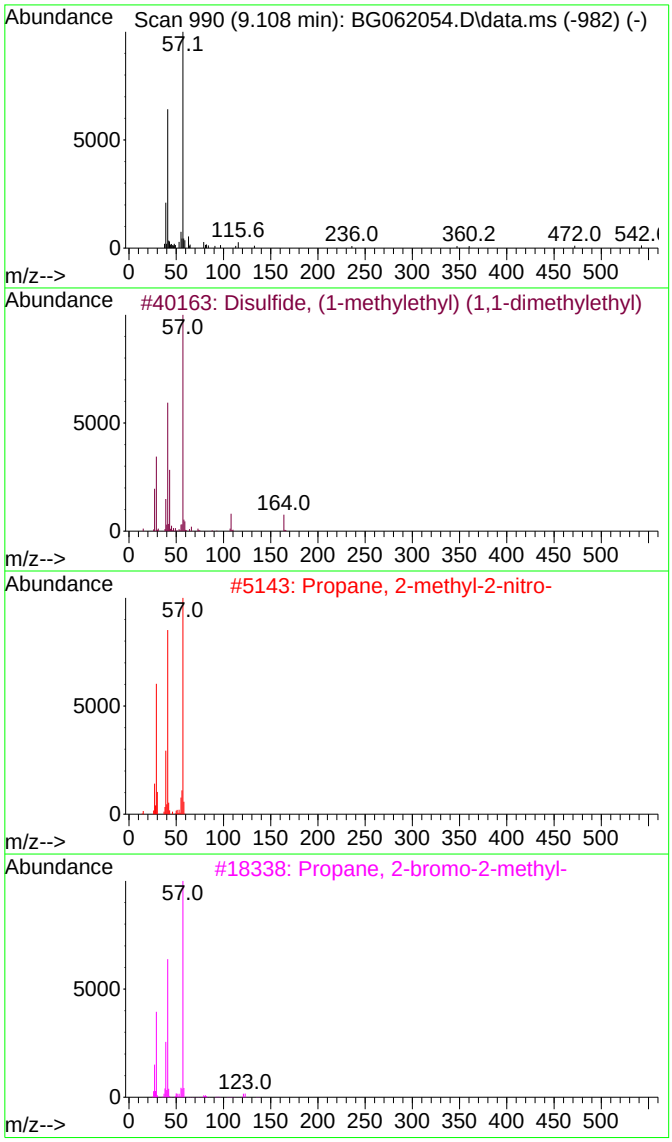
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

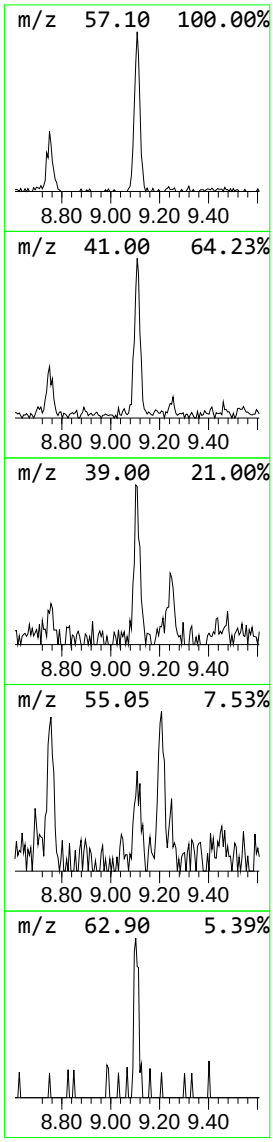
****

Peak Number 2 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.108	5.94 ng/ul	68617	1,4-Dichlorobenzene-d4	8.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, (1-methylethyl) (1,1-...	164	C7H16S2	043022-60-2	40
2	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	38
3	Propane, 2-bromo-2-methyl-	136	C4H9Br	000507-19-7	25
4	4-Decene, 2,2-dimethyl-, (Z)-	168	C12H24	055499-03-1	25
5	Propane, 2-isothiocyanato-2-methyl-	115	C5H9NS	000590-42-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062054.D
Acq On : 13 Jul 2024 00:07
Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

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

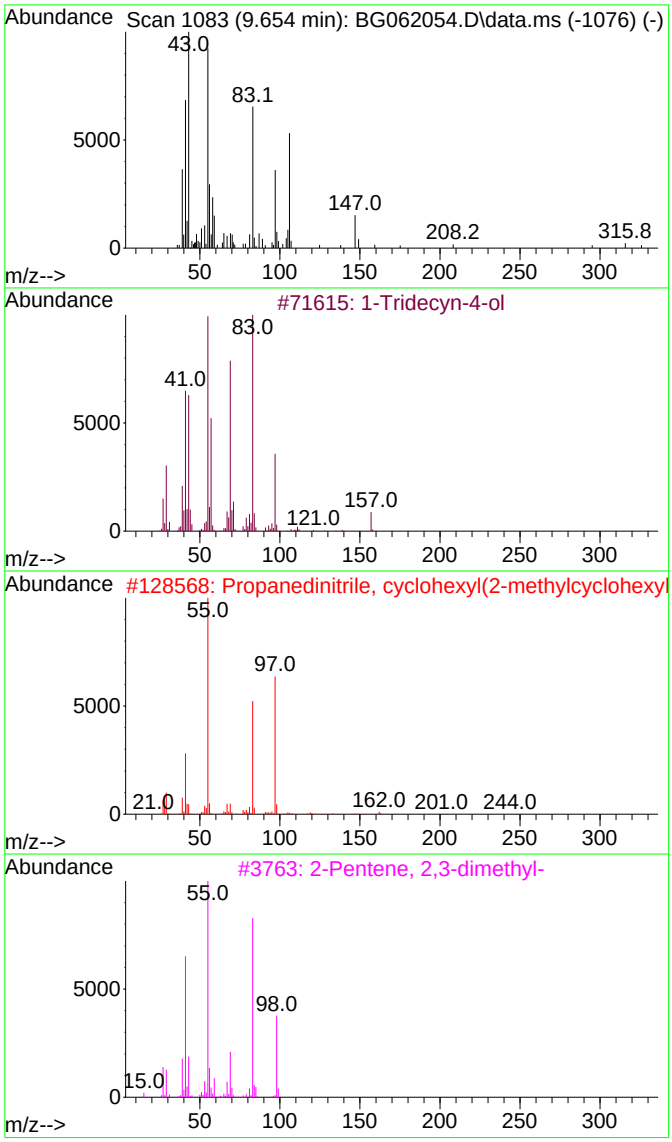
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

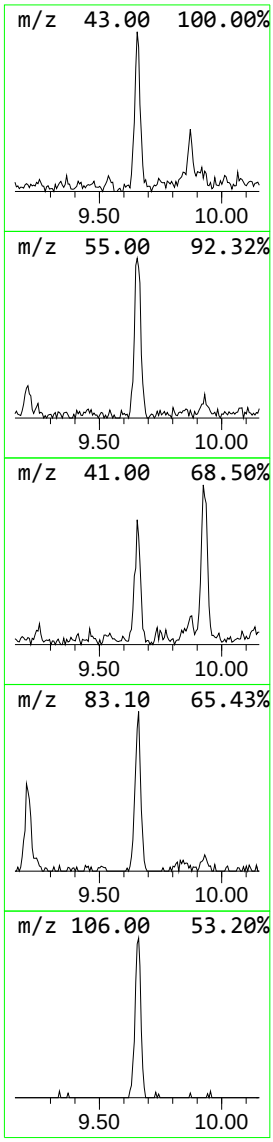
****

Peak Number 3 unknown-03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.654	7.72 ng/ul	143237	Naphthalene-d8	10.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecyn-4-ol	196	C13H24O	074646-37-0	35
2	Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	35
3	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	27
4	1-Pentyn-3-ol	84	C5H8O	004187-86-4	25
5	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062054.D
Acq On : 13 Jul 2024 00:07
Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

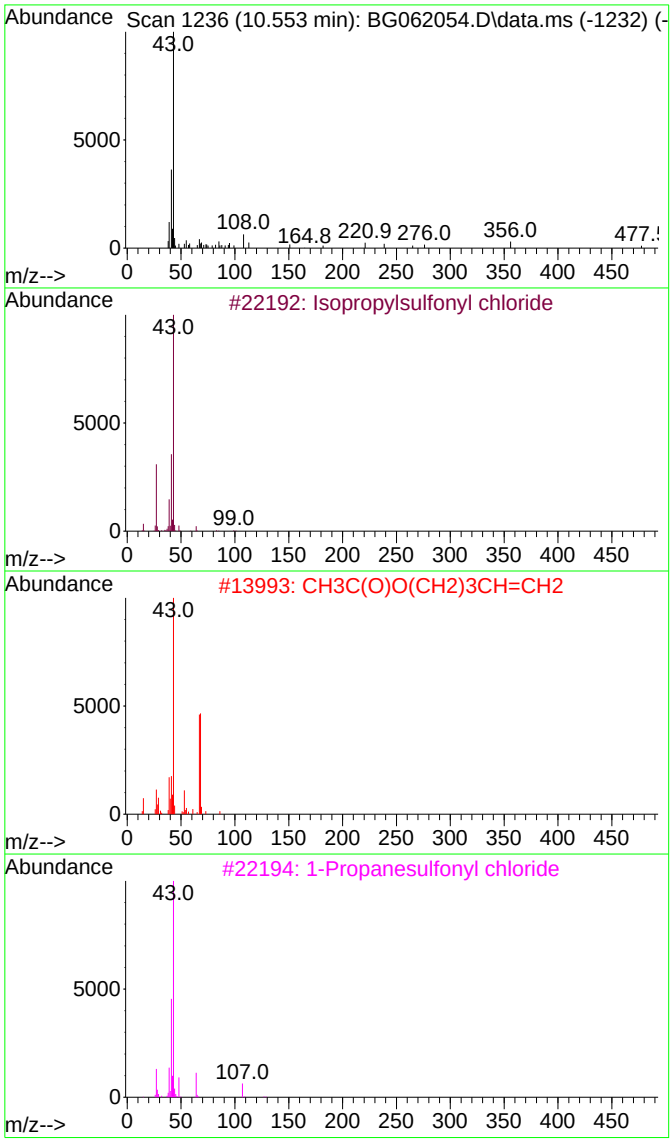
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

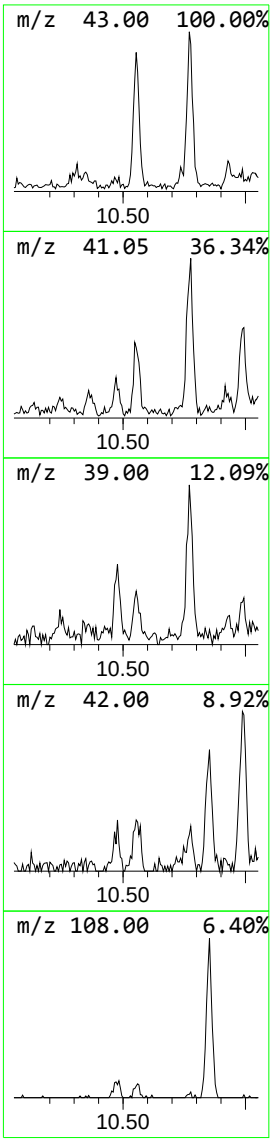
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown-04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.553	2.54 ng/ul	47088	Naphthalene-d8	10.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	23
2	CH3C(O)O(CH2)3CH=CH2	128	C7H12O2	001576-85-8	17
3	1-Propanesulfonyl chloride	142	C3H7ClO2S	010147-36-1	17
4	Acetic acid, 4-acetoxy-5-acetoxy...	274	C11H14O8	1000190-91-8	9
5	Oxalic acid, monoamide, n-propyl...	229	C12H23NO3	1000309-64-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062054.D
Acq On : 13 Jul 2024 00:07
Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

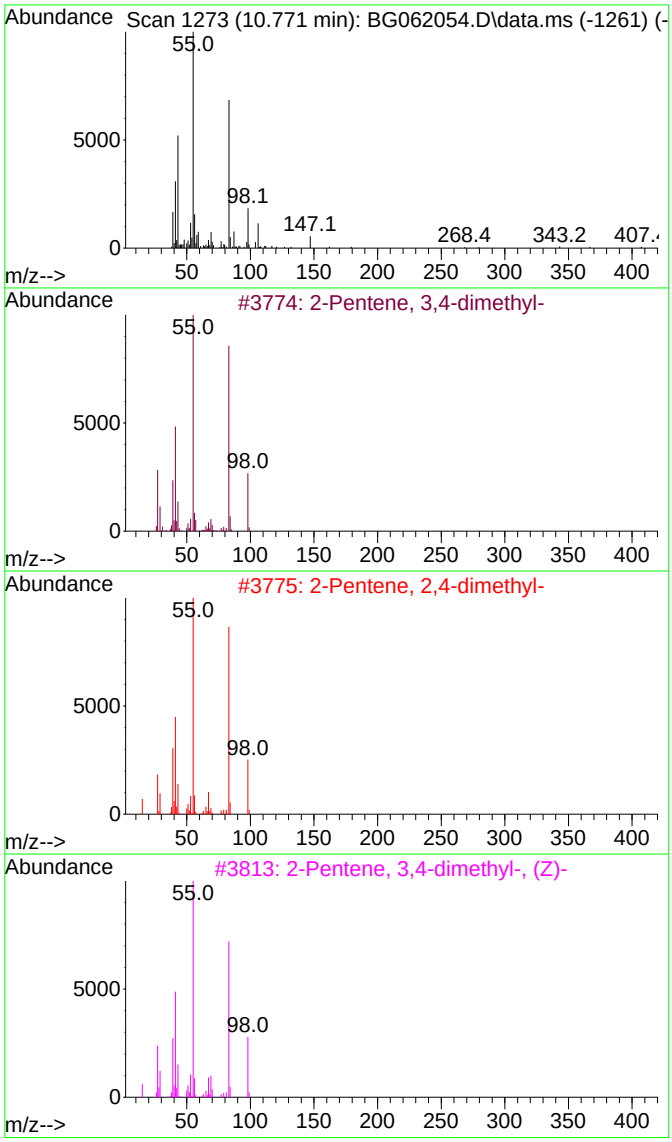
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

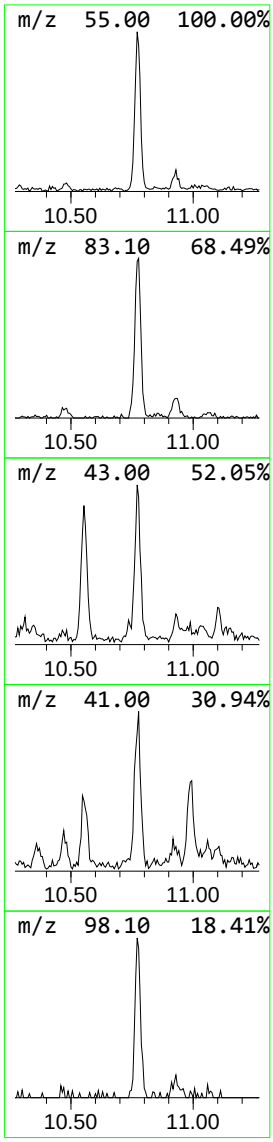
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.771	14.32 ng/ul	265810	Naphthalene-d8	10.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	62
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	62
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	60
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	58
5	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	58





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Acq On : 13 Jul 2024 00:07
Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

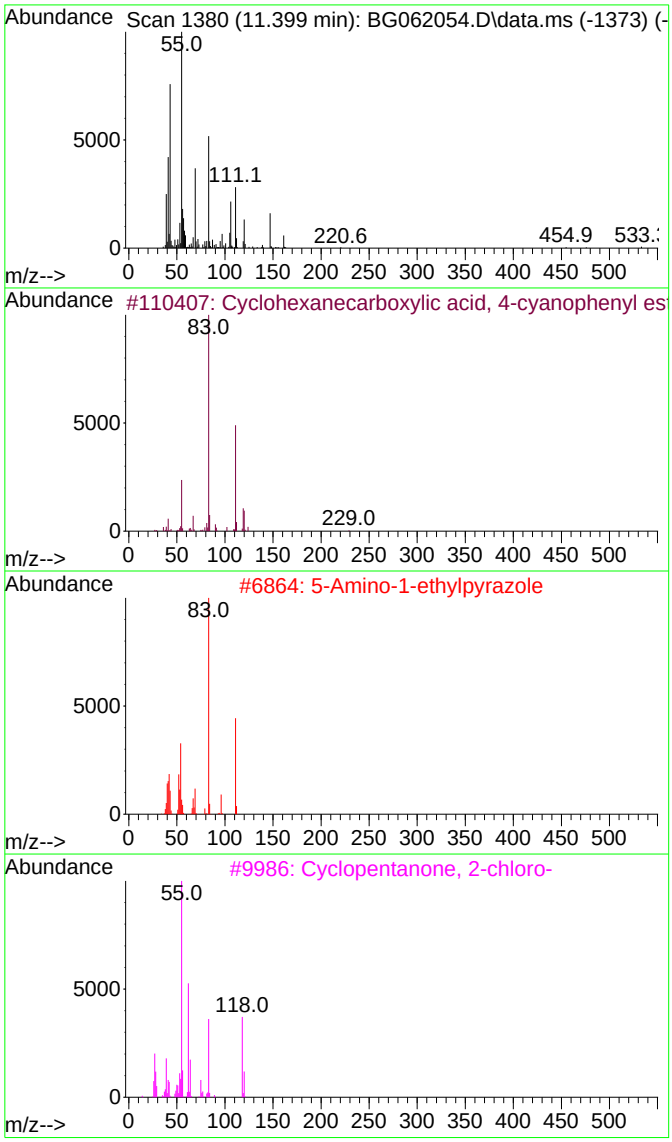
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

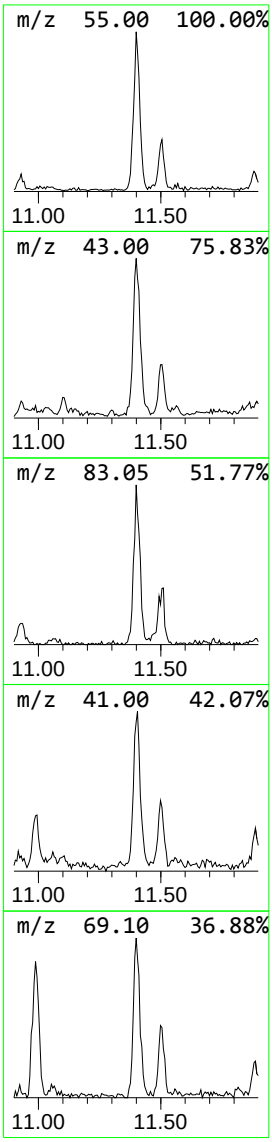
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexanecarboxylic acid,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.399	26.23 ng/ul	486651	Naphthalene-d8	10.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 4-cy...	229	C14H15NO2	1000307-70-6	50
2	5-Amino-1-ethylpyrazole	111	C5H9N3	003528-58-3	38
3	Cyclopentanone, 2-chloro-	118	C5H7ClO	000694-28-0	37
4	3-Hexene, 2,2-dimethyl-, (E)-	112	C8H16	000690-93-7	35
5	3-Hexene, 2,2-dimethyl-, (E)-	112	C8H16	000690-93-7	35





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Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

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

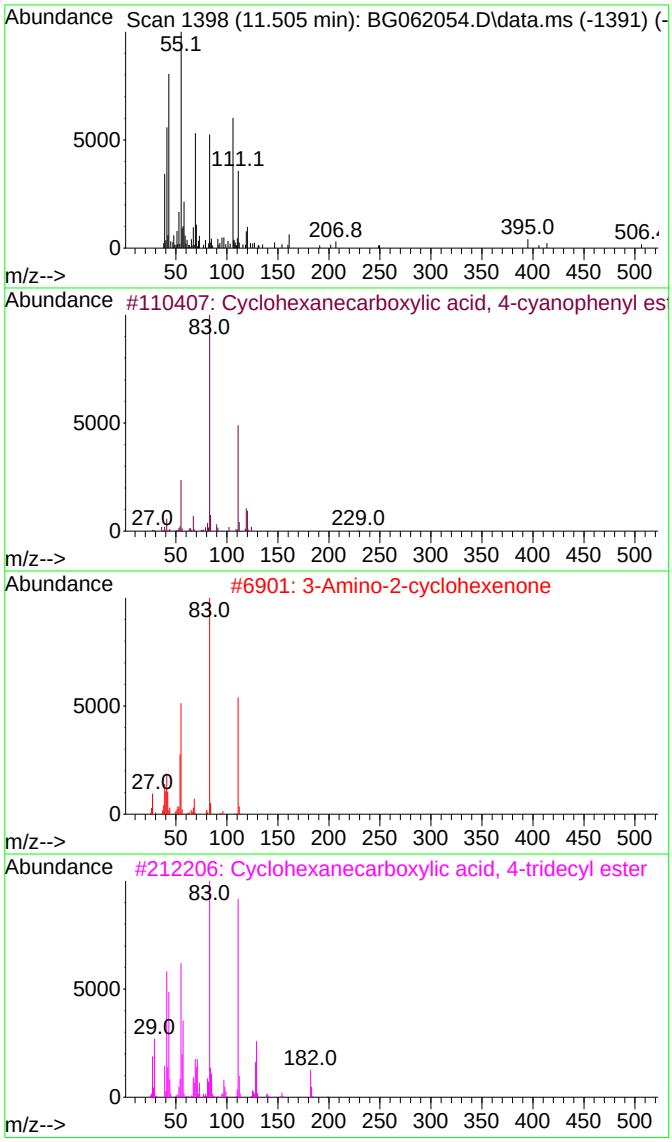
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

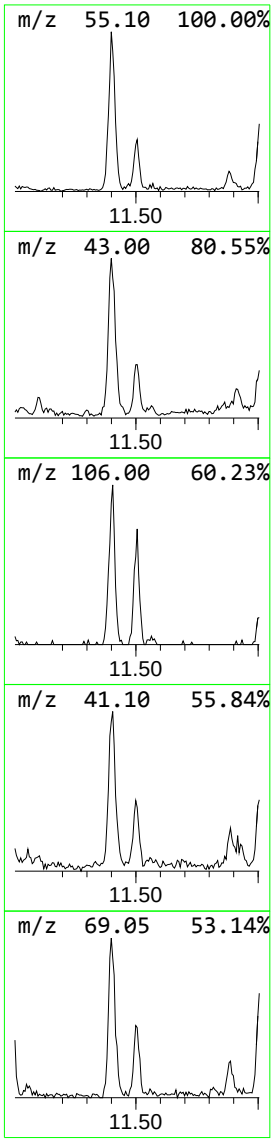
****

Peak Number 7 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.505	7.86 ng/ul	145888	Naphthalene-d8	10.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 4-cy...	229	C14H15NO2	1000307-70-6	35
2	3-Amino-2-cyclohexenone	111	C6H9NO	005220-49-5	30
3	Cyclohexanecarboxylic acid, 4-tr...	310	C20H38O2	1000280-59-5	16
4	4-Hexen-2-one, 3,4-dimethyl-	126	C8H14O	053252-21-4	16
5	Benzenamine, N-ethyl-	121	C8H11N	000103-69-5	14





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

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

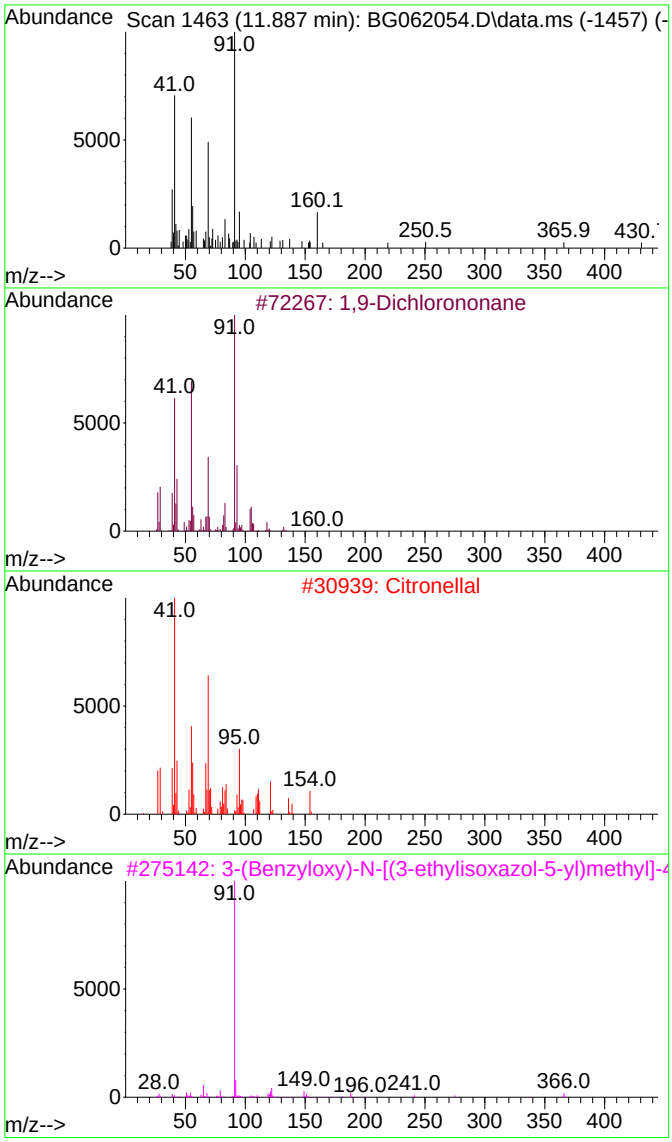
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

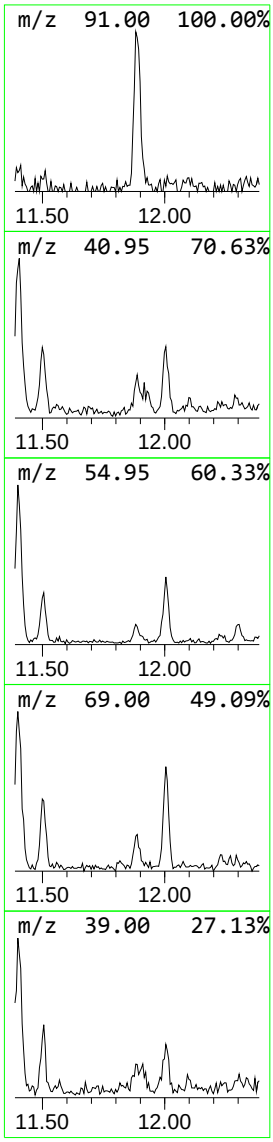
****

Peak Number 8 unknown-06 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.887	4.52 ng/ul	83899	Naphthalene-d8	10.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,9-Dichlorononane	196	C9H18Cl2	000821-99-8	25
2	Citronellal	154	C10H18O	000106-23-0	12
3	3-(Benzyloxy)-N-[(3-ethylisoxazo...	366	C21H22N2O4	1000482-44-7	10
4	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	10
5	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	10





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Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

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

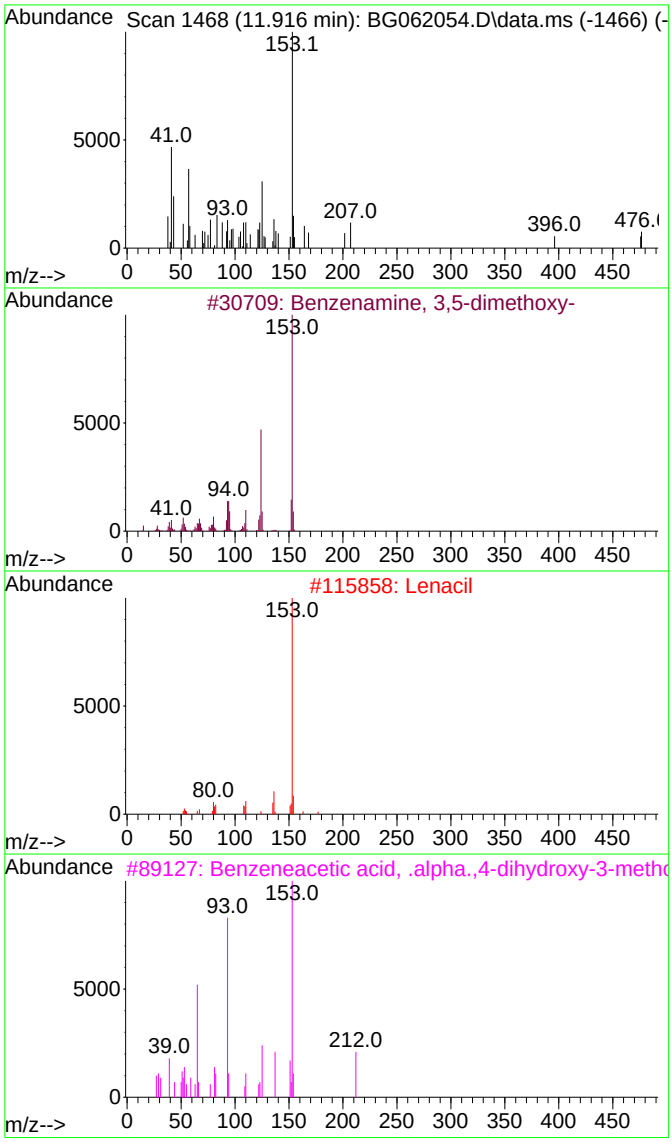
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

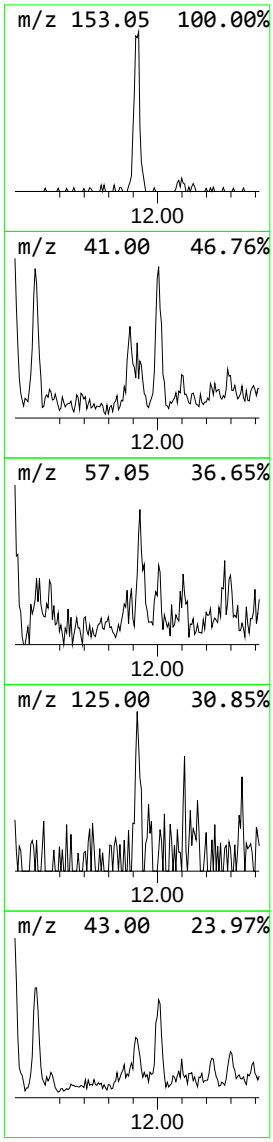
****

Peak Number 9 unknown-07 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	2.66 ng/ul	49294	Naphthalene-d8	10.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3,5-dimethoxy-	153	C8H11NO2	010272-07-8	49
2	Lenacil	234	C13H18N2O2	002164-08-1	43
3	Benzeneacetic acid, .alpha.,4-di...	212	C10H12O5	002911-74-2	42
4	Normetadrenaline	183	C9H13NO3	000097-31-4	40
5	Benzenethiol, p-(dimethylamino)-	153	C8H11NS	004946-22-9	38





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Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

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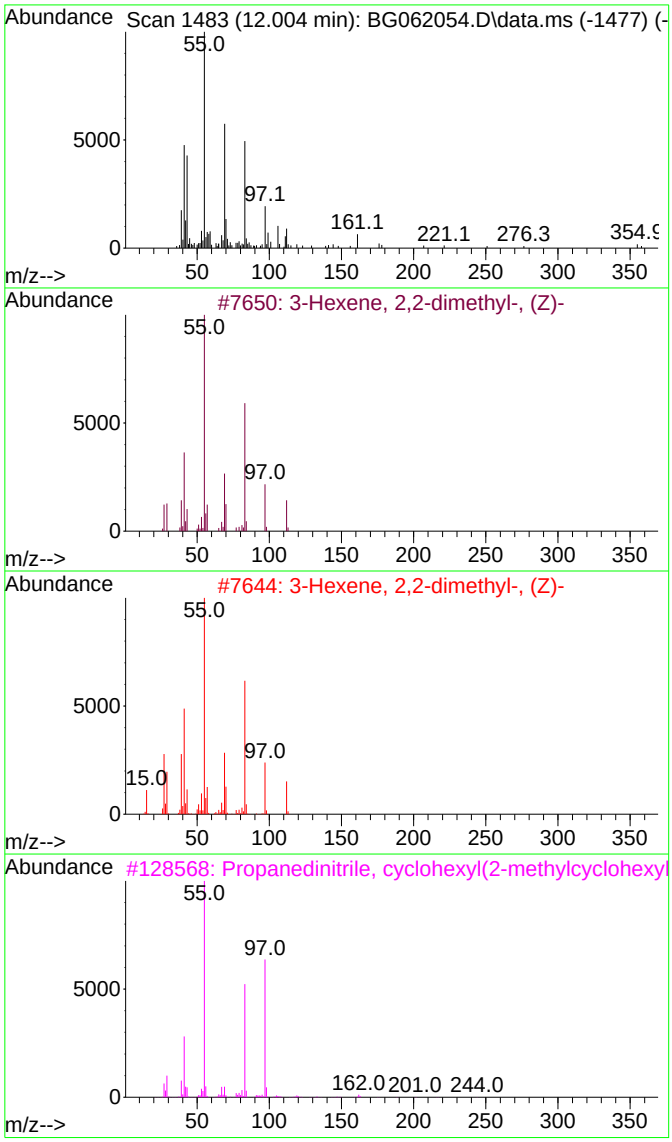
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

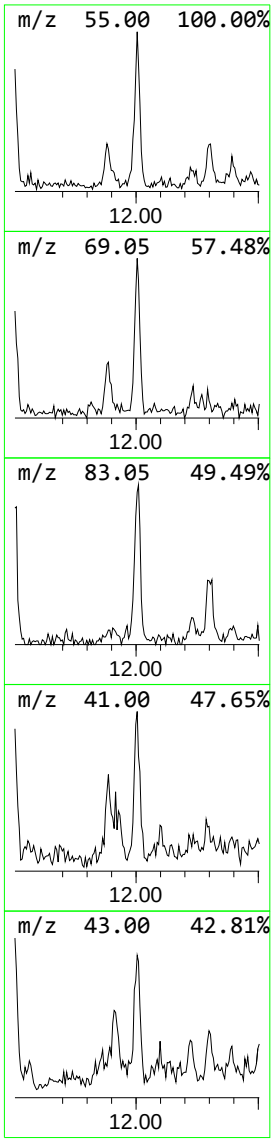
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	8.46 ng/ul	156943	Naphthalene-d8	10.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	58
2	3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	58
3	Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	50
4	4-Hexen-3-one, 4-methyl-	112	C7H12O	052883-78-0	49
5	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	49





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Acq On : 13 Jul 2024 00:07
Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

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

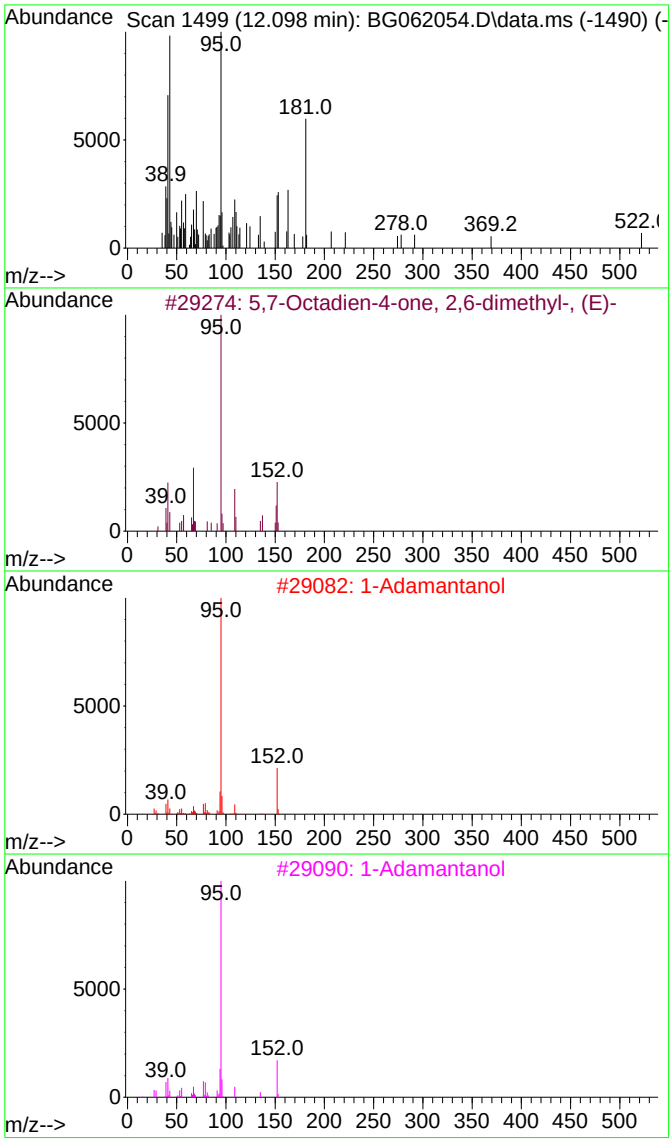
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

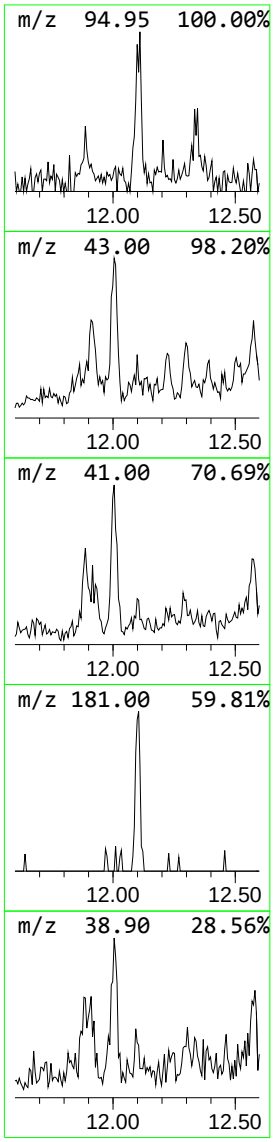
****

Peak Number 11 unknown-08 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	3.30 ng/ul	61187	Naphthalene-d8	10.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	38
2	1-Adamantanol	152	C10H16O	000768-95-6	38
3	1-Adamantanol	152	C10H16O	000768-95-6	35
4	1-Adamantanol	152	C10H16O	000768-95-6	35
5	Bicyclo[2.2.1]heptane, 2-methoxy...	168	C11H20O	004443-51-0	35





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Acq On : 13 Jul 2024 00:07
Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

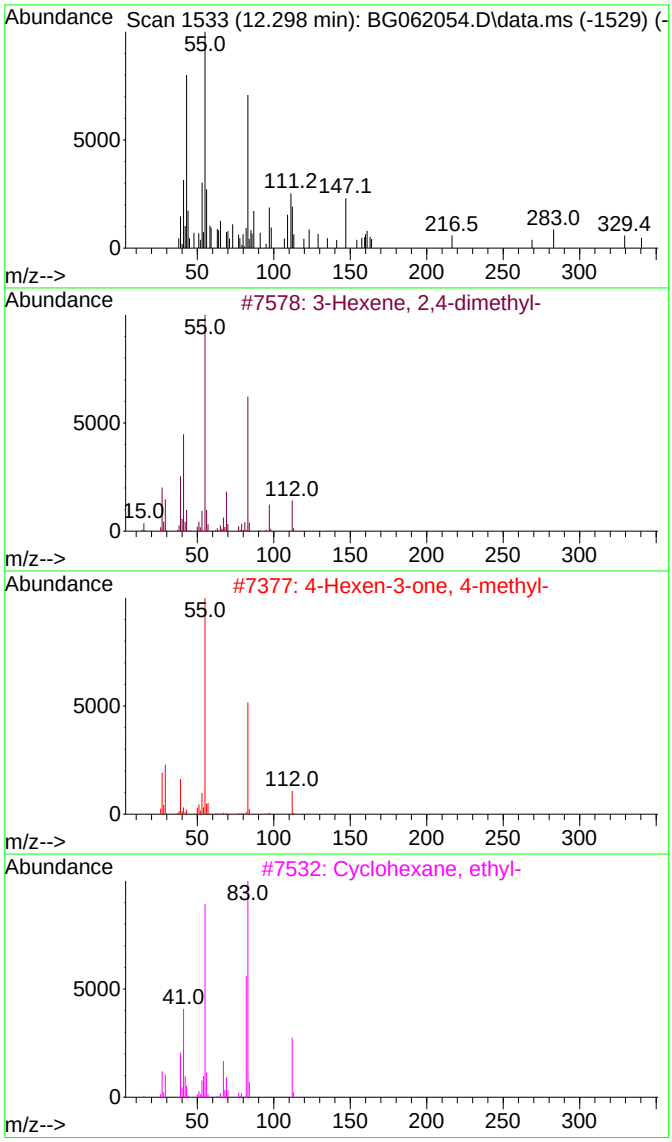
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

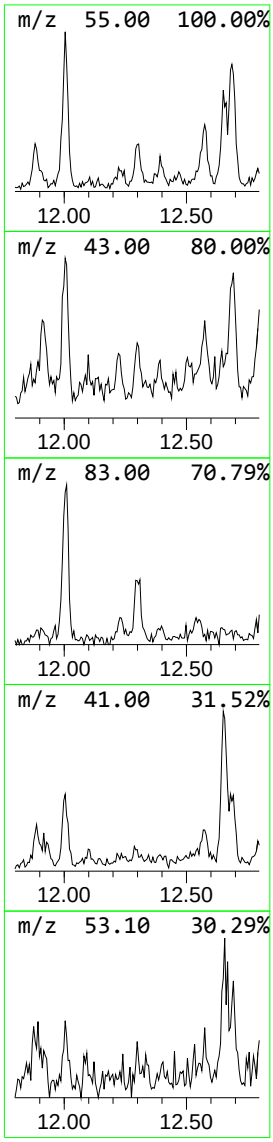
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.298	2.40 ng/ul	44499	Naphthalene-d8	10.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 2,4-dimethyl-	112	C8H16	082085-14-1	35
2	4-Hexen-3-one, 4-methyl-	112	C7H12O	052883-78-0	30
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	30
4	3-Ethyl-2-hexene	112	C8H16	000620-00-8	27
5	3-Ethyl-4-methyl-2-pentene	112	C8H16	019780-68-8	27





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Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

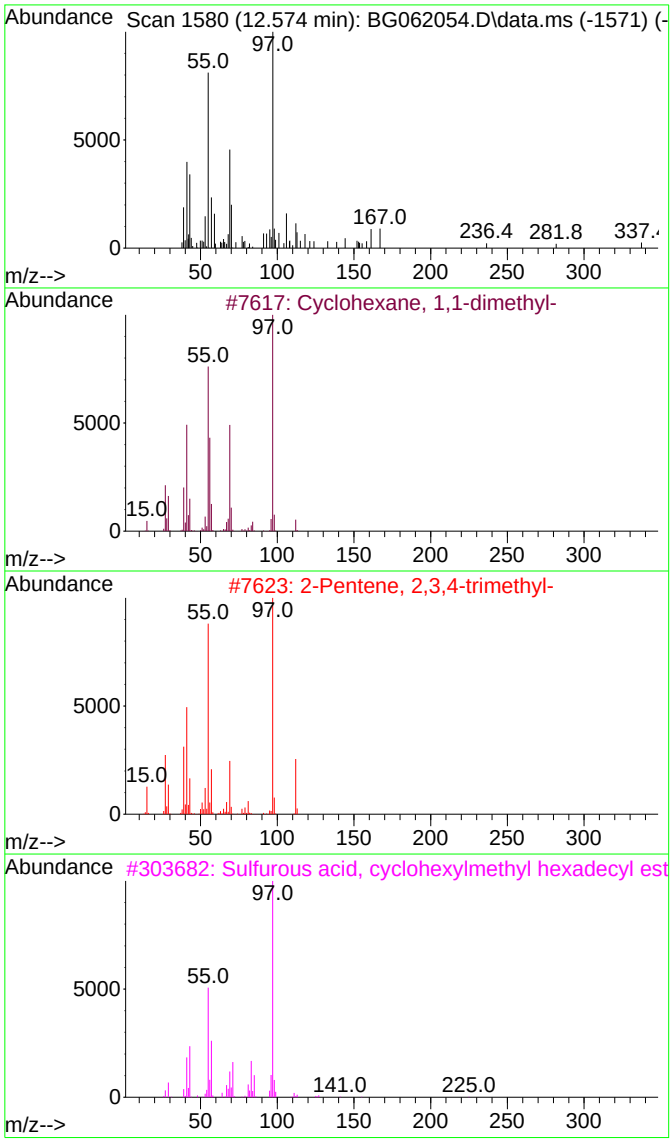
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

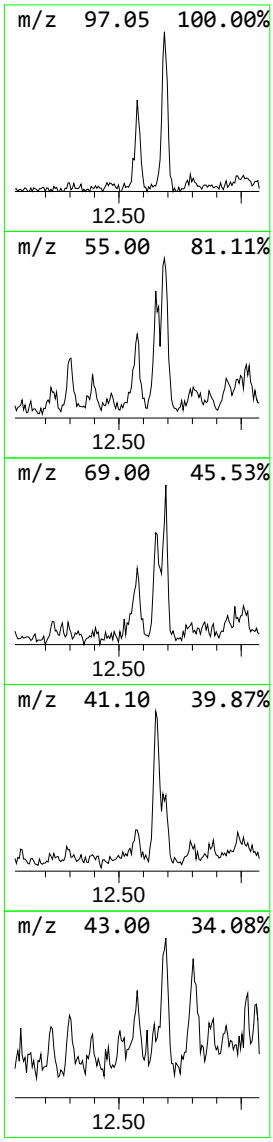
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic12.574 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	4.62 ng/ul	85787	Naphthalene-d8	10.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	53
2	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	52
3	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	50
4	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	50
5	Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	50





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Acq On : 13 Jul 2024 00:07
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Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

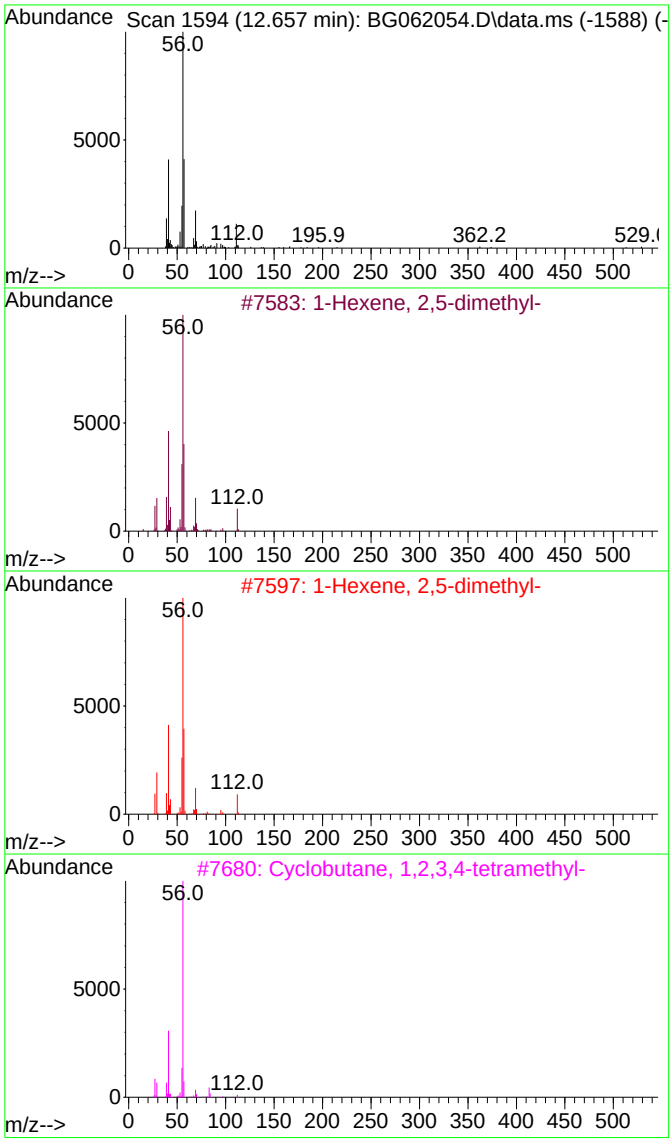
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

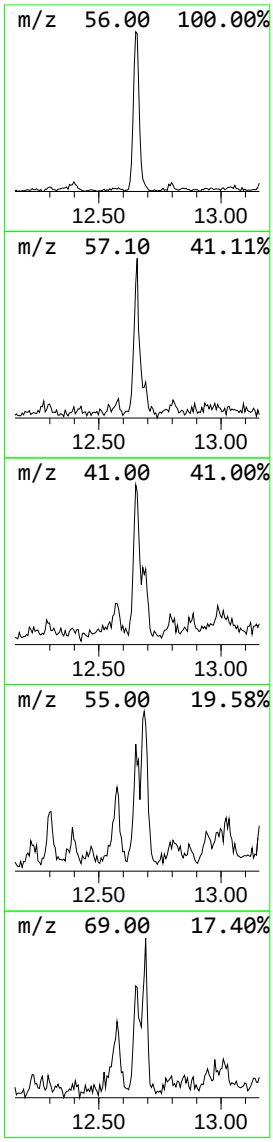
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	11.21 ng/ul	208002	Naphthalene-d8	10.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	64
2	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	64
3	Cyclobutane, 1,2,3,4-tetramethyl-	112	C8H16	069531-57-3	42
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	38
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	33





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Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

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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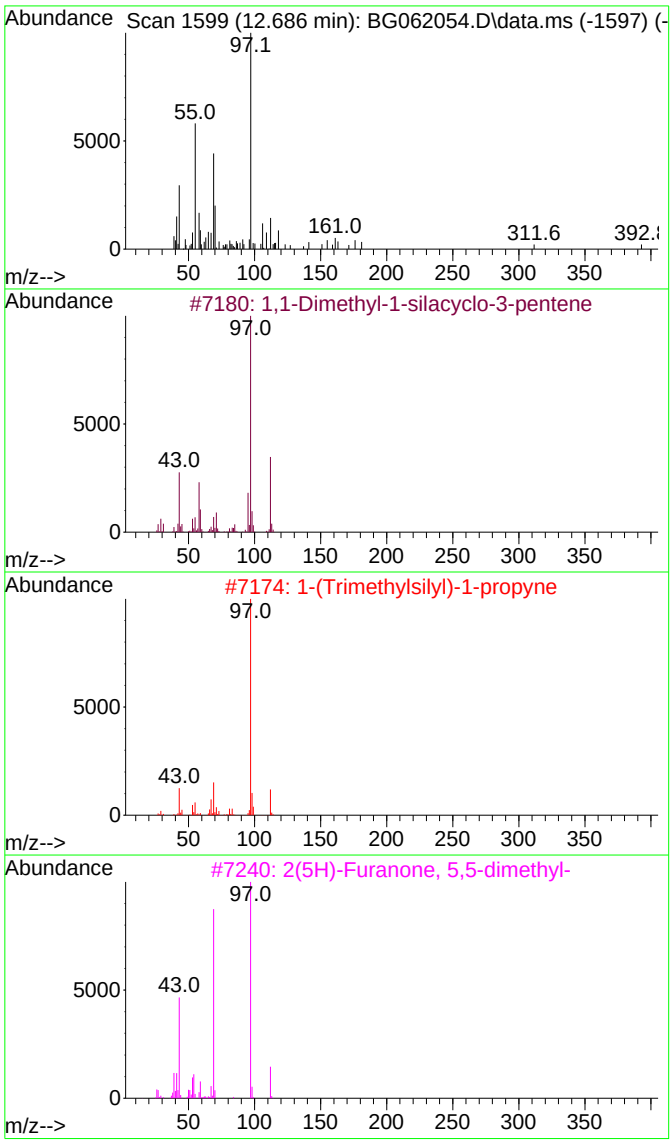
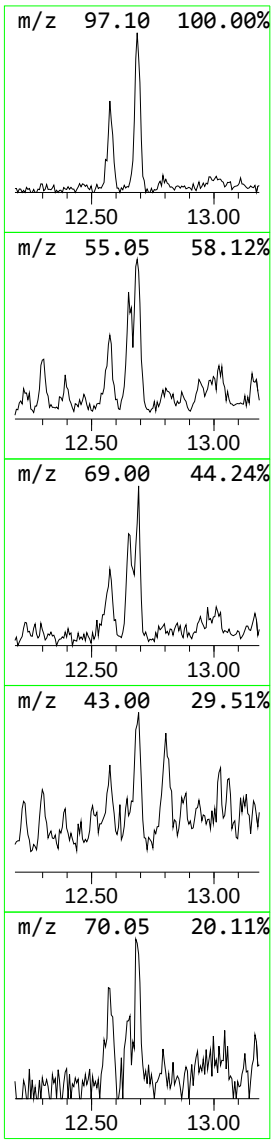
Peak Number 15 unknown-09 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.686	6.94 ng/ul	128793	Naphthalene-d8	10.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dimethyl-1-silacyclo-3-pentene	112	C6H12Si	016054-12-9	49
2	1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	47
3	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	40
4	2-(Diethylamino)acetonitrile	112	C6H12N2	003010-02-4	40
5	Cyclopentanecarboxylic acid, 2,2...	184	C11H20O2	1000282-42-6	38





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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
YDZE5

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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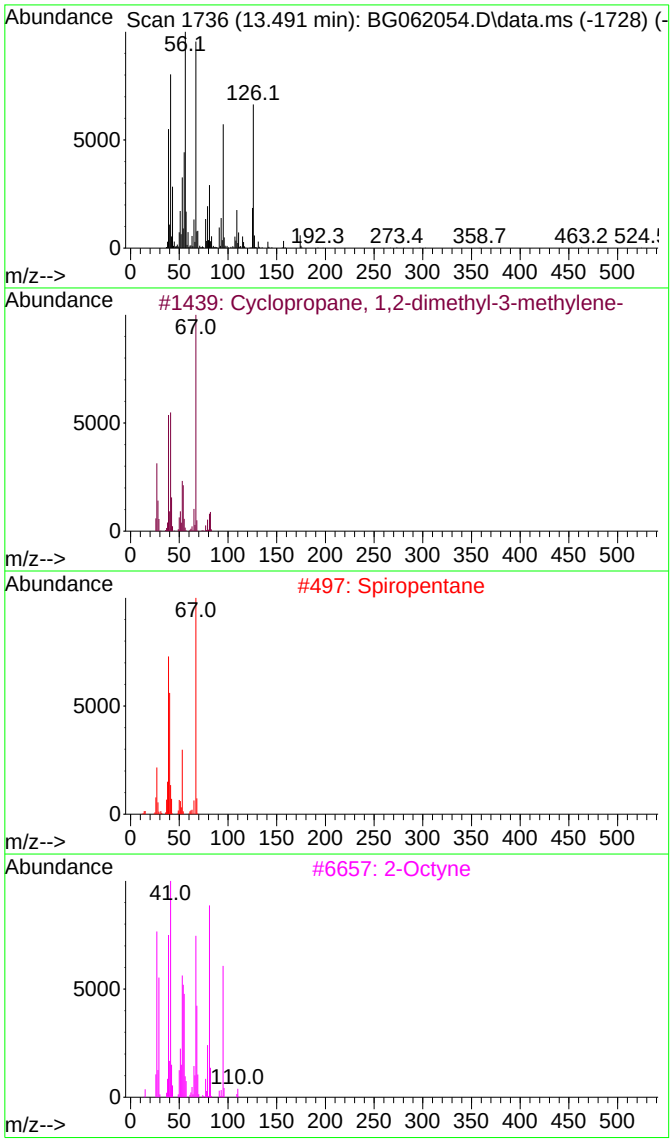
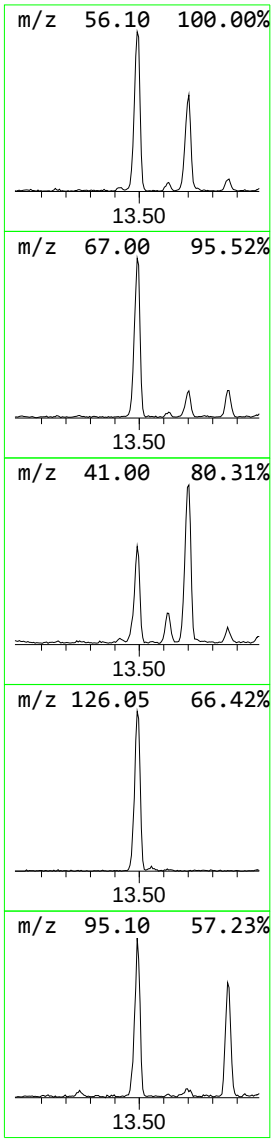
Peak Number 16 unknown-10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.491	23.80 ng/ul	1717630	Acenaphthene-d10	14.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	30
2	Spiropentane	68	C5H8	000157-40-4	27
3	2-Octyne	110	C8H14	002809-67-8	27
4	Spiropentane	68	C5H8	000157-40-4	27
5	1,5-Hexadiene	82	C6H10	000592-42-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062054.D
Acq On : 13 Jul 2024 00:07
Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

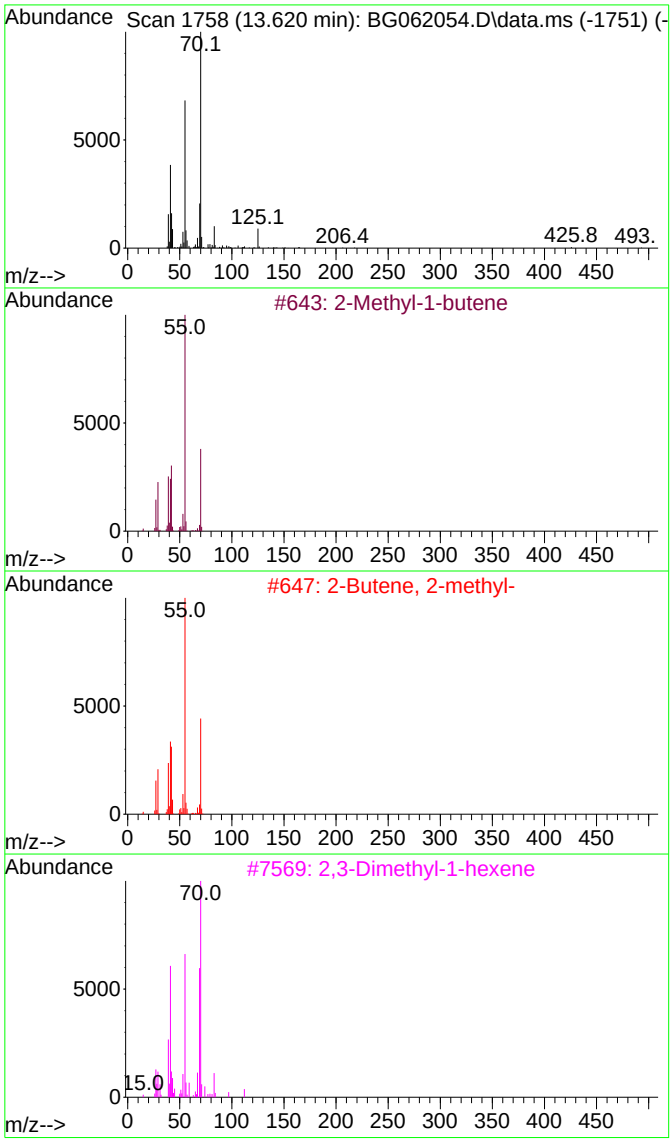
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

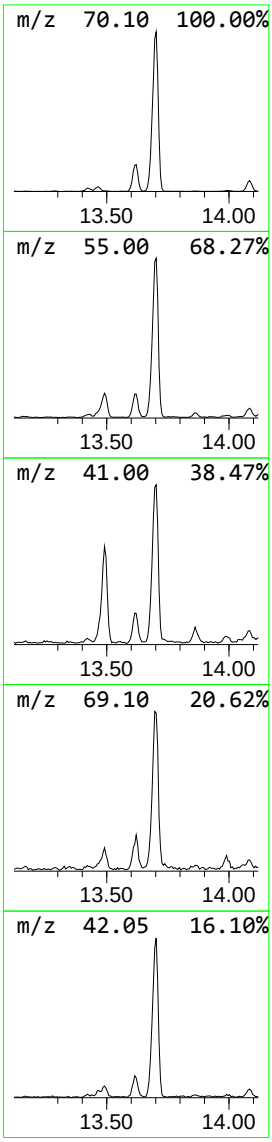
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.620	5.70 ng/ul	411310	Acenaphthene-d10	14.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-butene	70	C5H10	000563-46-2	64
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	64
3	2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	56
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	50
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062054.D
Acq On : 13 Jul 2024 00:07
Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

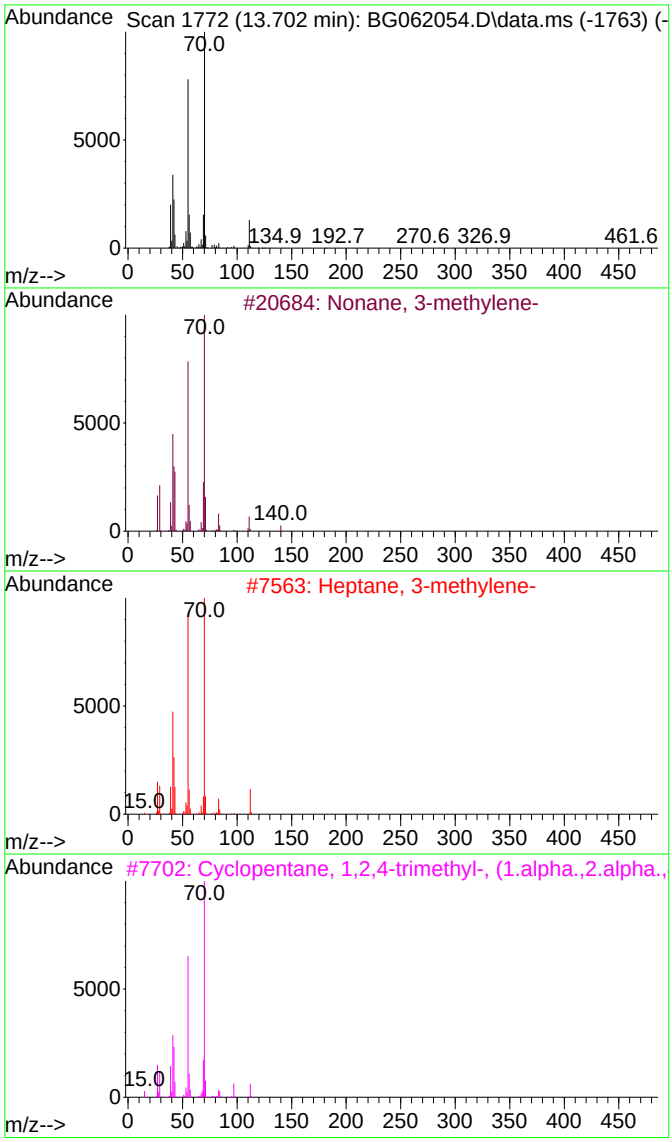
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

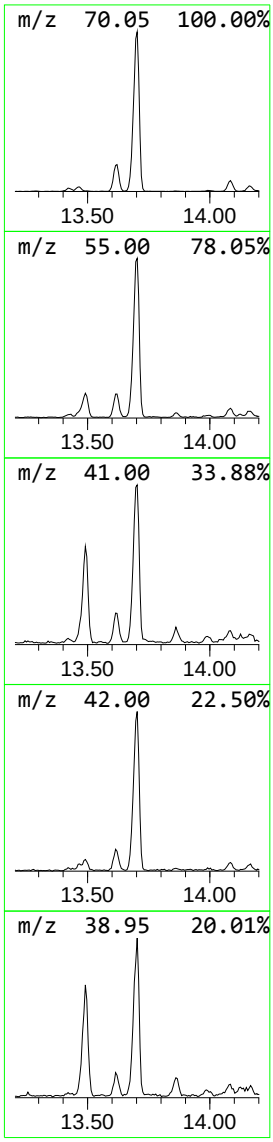
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.703	37.65 ng/ul	2716460	Acenaphthene-d10	14.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methylene-	140	C10H20	051655-64-2	72
2	Heptane, 3-methylene-	112	C8H16	001632-16-2	72
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	64
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	64
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	64





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Data File : BG062054.D
Acq On : 13 Jul 2024 00:07
Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

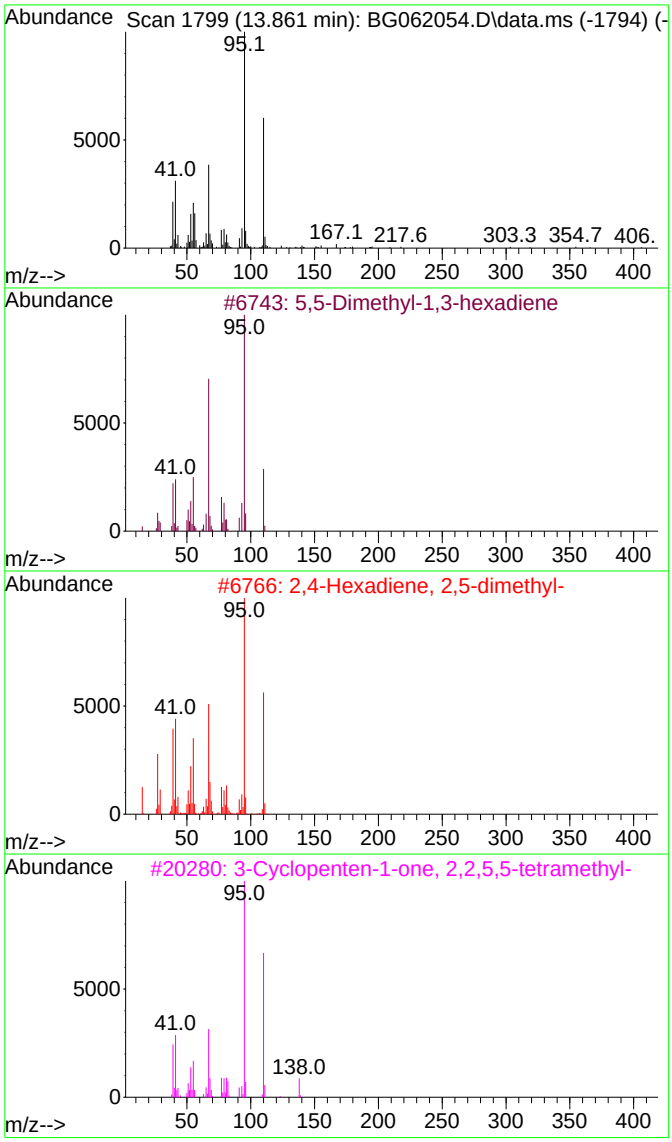
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

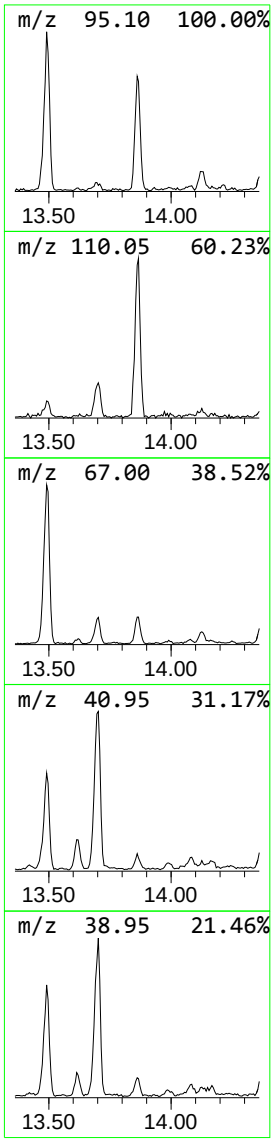
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 5,5-Dimethyl-1,3-hexadiene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.861	4.70 ng/ul	339329	Acenaphthene-d10	14.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	83
2	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	78
3	3-Cyclopenten-1-one, 2,2,5,5-tet...	138	C9H14O	081396-36-3	78
4	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	72
5	1,3-Hexadiene, 2,5-dimethyl-	110	C8H14	029253-64-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062054.D
Acq On : 13 Jul 2024 00:07
Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

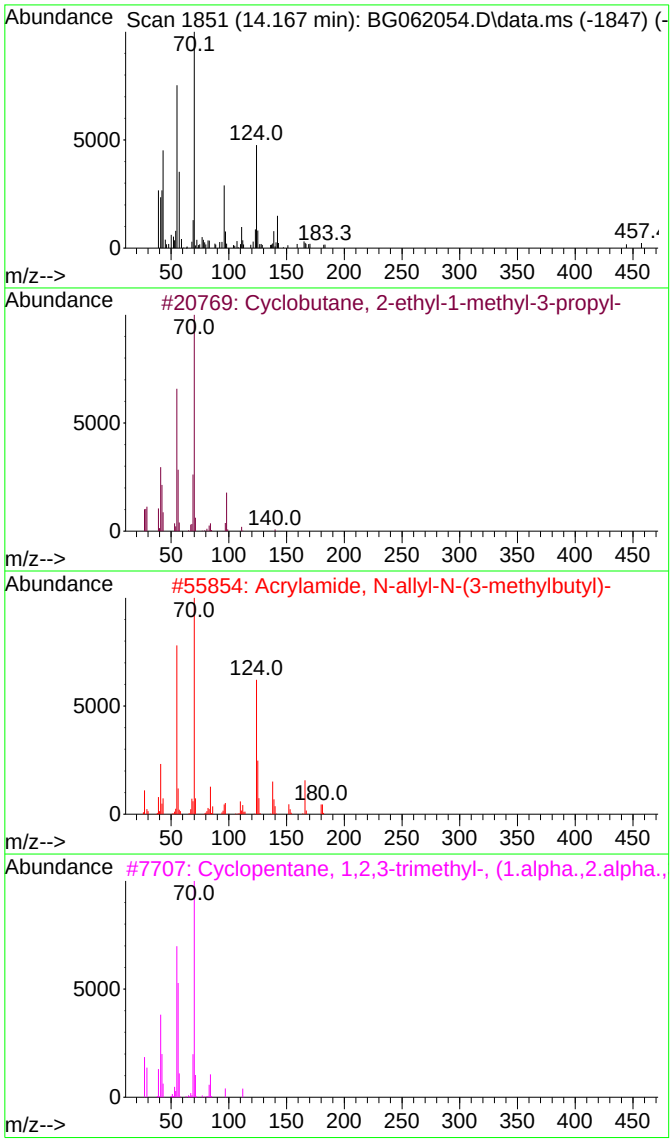
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

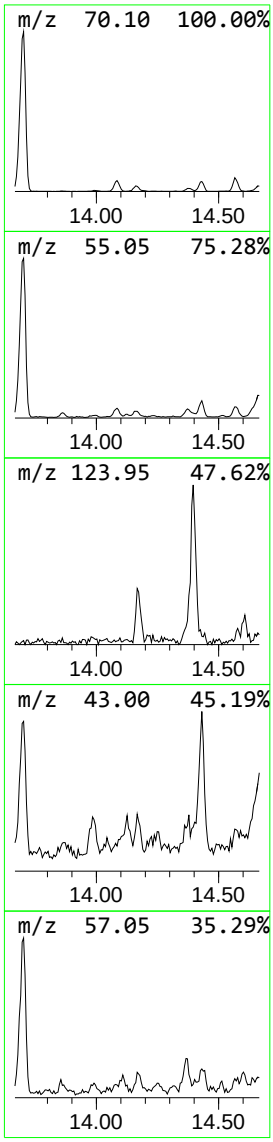
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic14.167 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.167	2.07 ng/ul	149073	Acenaphthene-d10	14.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 2-ethyl-1-methyl-3-...	140	C10H20	061233-72-5	47
2	Acrylamide, N-allyl-N-(3-methylb...	181	C11H19NO	1000446-17-8	40
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	38
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	37
5	1,2-Oxaborolane, 2-ethyl-4,5-dim...	126	C7H15BO	074685-45-3	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062054.D
Acq On : 13 Jul 2024 00:07
Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

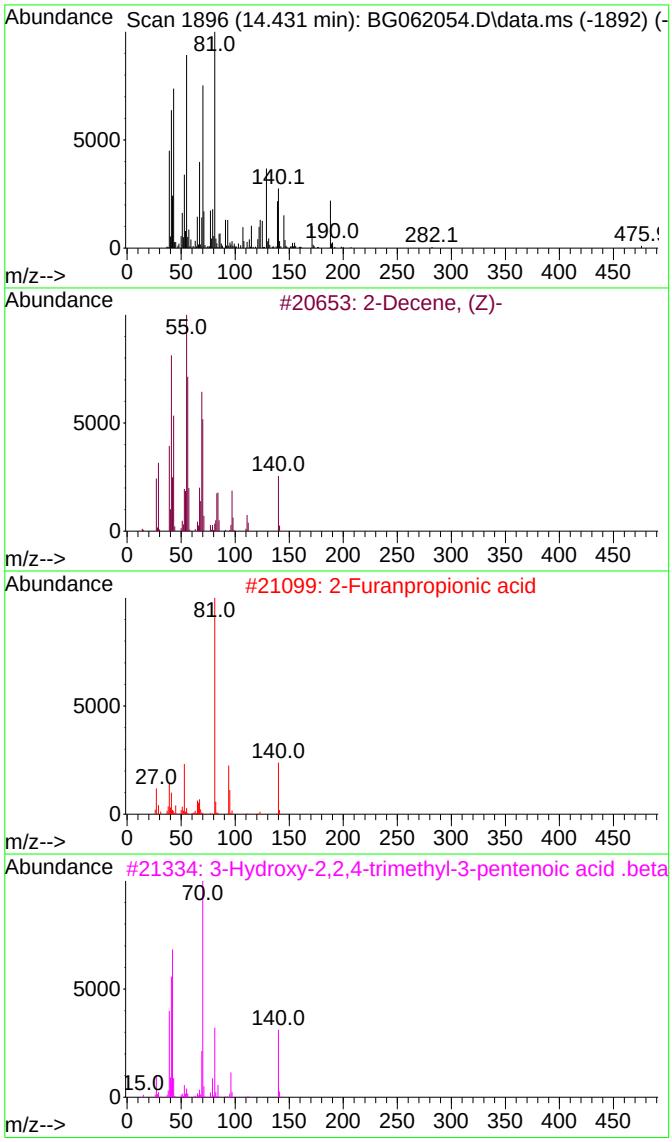
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

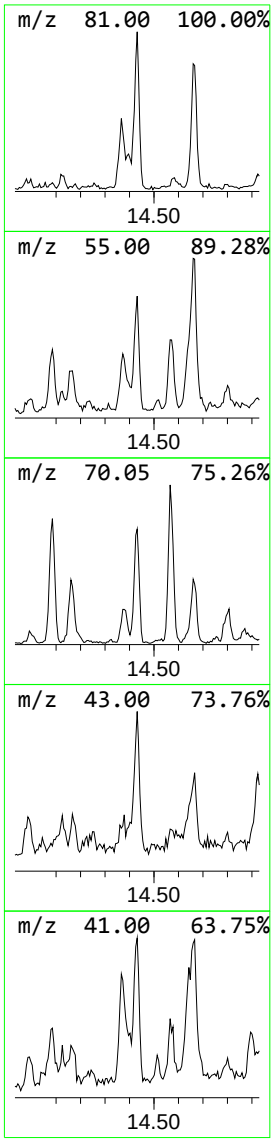
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.431	8.67 ng/ul	625730	Acenaphthene-d10	14.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decene, (Z)-	140	C10H20	020348-51-0	27
2	2-Furanpropionic acid	140	C7H8O3	000935-13-7	22
3	3-Hydroxy-2,2,4-trimethyl-3-pent...	140	C8H12O2	003173-79-3	22
4	2,3-Diazabicyclo[2.2.1]hept-2-en...	178	C11H18N2	150667-99-5	14
5	Dimethylmalonic acid, monochlori...	220	C10H17ClO3	1000361-60-7	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062054.D
Acq On : 13 Jul 2024 00:07
Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

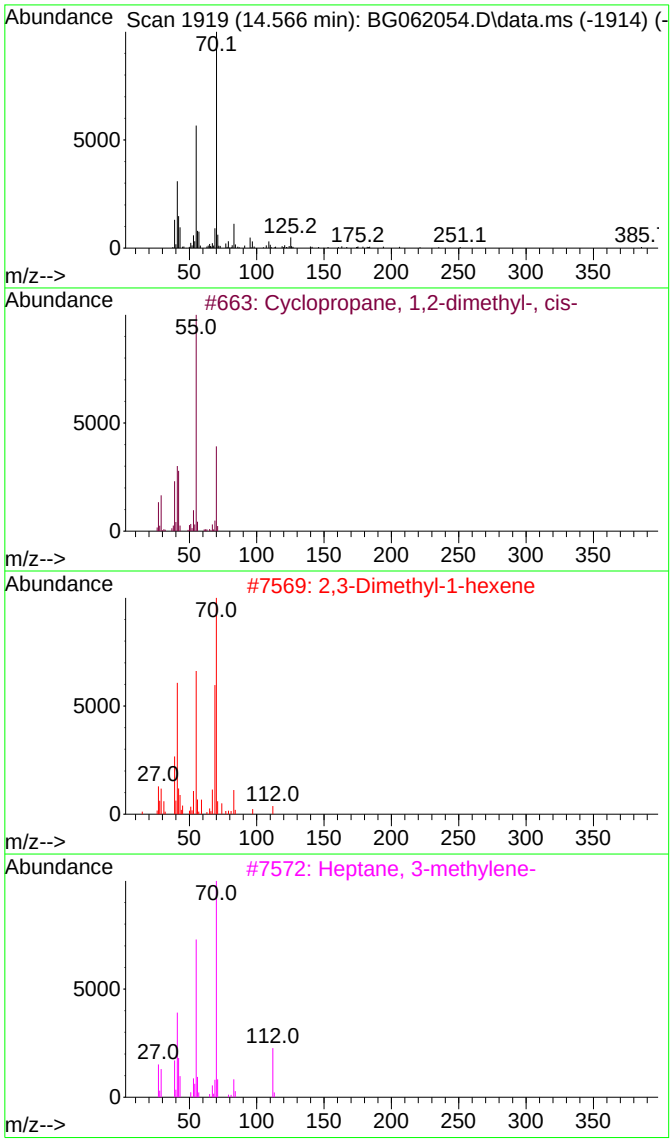
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

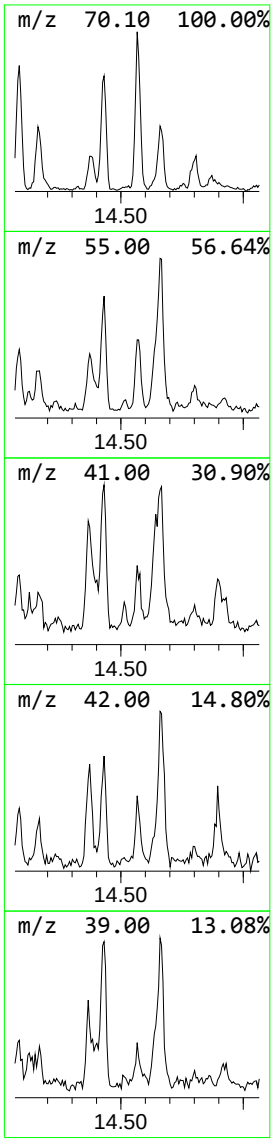
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic14.566 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.566	3.09 ng/ul	222864	Acenaphthene-d10	14.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	64
2	2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	64
3	Heptane, 3-methylene-	112	C8H16	001632-16-2	64
4	Heptane, 3-methylene-	112	C8H16	001632-16-2	64
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062054.D
Acq On : 13 Jul 2024 00:07
Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

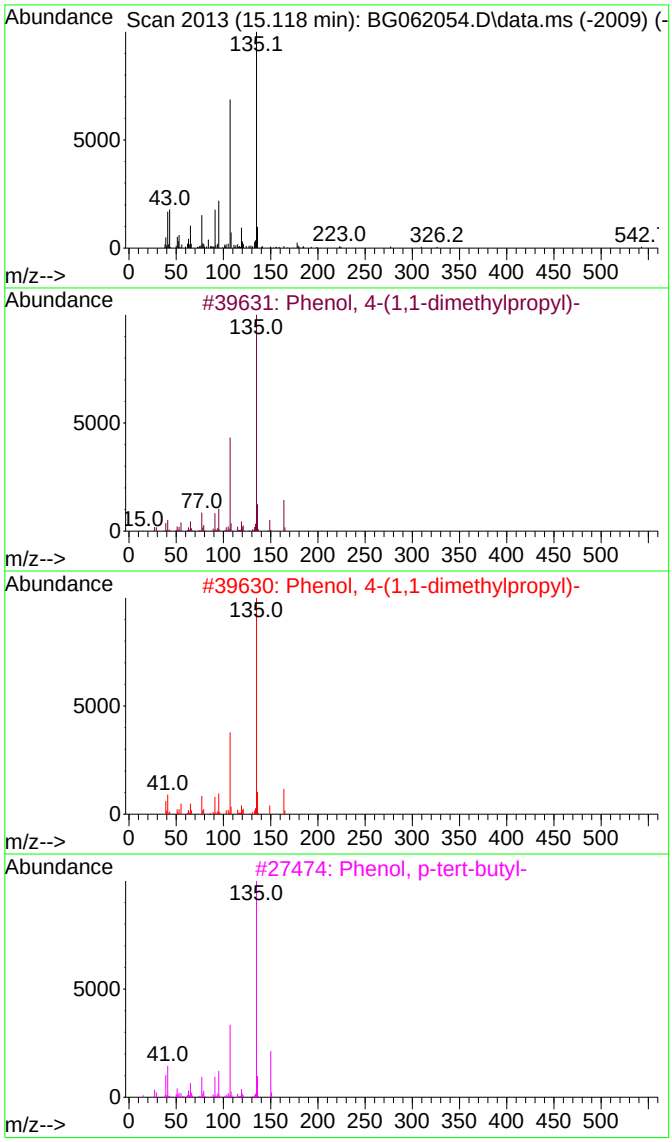
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

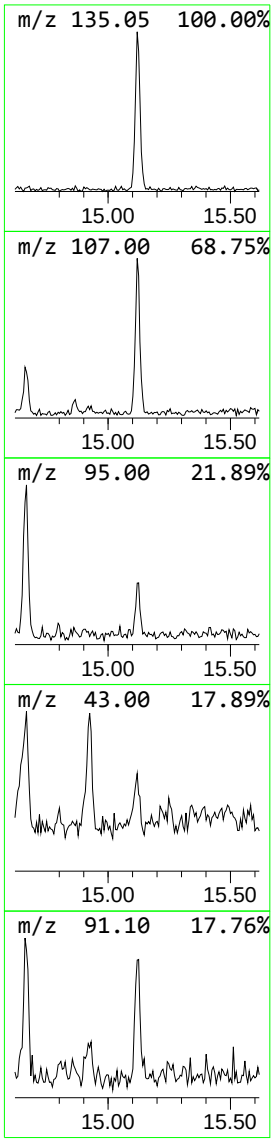
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Phenol, 4-(1,1-dimethylprop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.118	2.45 ng/ul	176452	Acenaphthene-d10	14.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	87
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	87
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	83
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	78
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
Data File : BG062054.D
Acq On : 13 Jul 2024 00:07
Operator : MA/JU
Sample : P3137-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZE5

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	8.579	2.3	ng/ul	26145	1	8.039	231004	20.0
unknown-02	9.108	5.9	ng/ul	68617	1	8.039	231004	20.0
unknown-03	9.654	7.7	ng/ul	143237	2	10.853	371134	20.0
unknown-04	10.553	2.5	ng/ul	47088	2	10.853	371134	20.0
(DEL) Alkane: S...	10.771	14.3	ng/ul	265810	2	10.853	371134	20.0
Cyclohexanecarb...	11.399	26.2	ng/ul	486651	2	10.853	371134	20.0
unknown-05	11.505	7.9	ng/ul	145888	2	10.853	371134	20.0
unknown-06	11.887	4.5	ng/ul	83899	2	10.853	371134	20.0
unknown-07	11.916	2.7	ng/ul	49294	2	10.853	371134	20.0
(DEL) Alkane: S...	12.004	8.5	ng/ul	156943	2	10.853	371134	20.0
unknown-08	12.098	3.3	ng/ul	61187	2	10.853	371134	20.0
(DEL) Alkane: S...	12.298	2.4	ng/ul	44499	2	10.853	371134	20.0
(DEL) Alkane: C...	12.574	4.6	ng/ul	85787	2	10.853	371134	20.0
(DEL) Alkane: S...	12.657	11.2	ng/ul	208002	2	10.853	371134	20.0
unknown-09	12.686	6.9	ng/ul	128793	2	10.853	371134	20.0
unknown-10	13.491	23.8	ng/ul	1717630	3	14.672	1443100	20.0
(DEL) Alkane: S...	13.620	5.7	ng/ul	411310	3	14.672	1443100	20.0
(DEL) Alkane: S...	13.703	37.6	ng/ul	2716460	3	14.672	1443100	20.0
5,5-Dimethyl-1,...	13.861	4.7	ng/ul	339329	3	14.672	1443100	20.0
(DEL) Alkane: C...	14.167	2.1	ng/ul	149073	3	14.672	1443100	20.0
(DEL) Alkane: S...	14.431	8.7	ng/ul	625730	3	14.672	1443100	20.0
(DEL) Alkane: C...	14.566	3.1	ng/ul	222864	3	14.672	1443100	20.0
Phenol, 4-(1,1-...	15.118	2.5	ng/ul	176452	3	14.672	1443100	20.0