LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
Data File : BG059589.D
Acq On : 1 Nov 2023 22:46
Operator : MA/JU
Sample : 04952-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EOAR0

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-BG102723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG059589.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.547	24	27	30	rVB4	4420	5918	0.17%	0.016%
2	3.653	41	45	48	rBV3	11721	14603	0.41%	0.038%
3	3.935	89	93	96	rBV3	11904	15229	0.43%	0.040%
4	4.093	114	120	127	rBV2	97086	174942	4.94%	0.459%
5	4.269	148	150	152	rVB3	8456	7023	0.20%	0.018%
6	4.305	152	156	160	rBV4	17500	24507	0.69%	0.064%
7	4.434	175	178	181	rVV2	6299	5815	0.16%	0.015%
8	4.463	181	183	185	rVB3	5884	5164	0.15%	0.014%
9	4.563	193	200	205	rVB4	25031	58834	1.66%	0.154%
10	4.610	205	208	210	rBV2	6149	8384	0.24%	0.022%
11	4.687	218	221	226	rVB2	19989	24274	0.69%	0.064%
12	4.810	238	242	244	rBV3	7093	11383	0.32%	0.030%
13	4.910	254	259	265	rVB6	8395	16615	0.47%	0.044%
14	4.963	265	268	271	rBV2	7110	6401	0.18%	0.017%
15	5.139	297	298	301	rVB2	6497	5807	0.16%	0.015%
16	5.186	304	306	308	rBV	4977	5573	0.16%	0.015%
17	5.609	371	378	384	rBV2	47857	83535	2.36%	0.219%
18	5.656	384	386	388	rVB2	8505	6883	0.19%	0.018%
19	5.697	388	393	394	rBV3	5925	8569	0.24%	0.022%
20	5.715	394	396	401	rVB3	5863	6434	0.18%	0.017%
21	5.832	412	416	419	rBV4	6784	11084	0.31%	0.029%
22	5.897	425	427	429	rBV2	7028	6550	0.18%	0.017%
23	5.926	429	432	436	rVV5	10606	18893	0.53%	0.050%
24	5.967	437	439	444	rVB2	7088	9803	0.28%	0.026%
25	6.009	444	446	448	rBV2	7510	6813	0.19%	0.018%
26	6.138	467	468	474	rVB	4574	7659	0.22%	0.020%
27	6.202	474	479	481	rBV2	5756	10935	0.31%	0.029%
28	6.355	502	505	508	rBV2	7049	9026	0.25%	0.024%
29	6.796	577	580	584	rBV4	13383	21829	0.62%	0.057%
30	6.872	591	593	595	rBV3	7131	6856	0.19%	0.018%
31	6.955	606	607	612	rVB2	12623	12311	0.35%	0.032%
32	7.319	661	669	674	rVB4	27532	59814	1.69%	0.157%
33	7.401	682	683	686	rVB2	9438	6394	0.18%	0.017%
34	7.466	686	694	702	rBV	112354	200093	5.65%	0.525%
35	7.671	720	729	738	rBV	293898	512978	14.48%	1.346%
36	7.871	755	763	777	rBV	371993	707426	19.97%	1.857%

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Instrument :
BNA_G
ClientSampleId :
EOAR0

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-BG102723.MA.M
Title : SVOA CALIBRATION

37	7.965	777	779	784	rVV3	11628	17604	0.50%	0.046%
38	8.018	784	788	794	rVB3	14769	29022	0.82%	0.076%
39	8.177	813	815	816	rBV	6426	4994	0.14%	0.013%
40	8.218	819	822	824	rVV4	7845	10226	0.29%	0.027%
41	8.253	825	828	834	rVV3	26357	39372	1.11%	0.103%
42	8.359	838	846	857	rBV2	351996	654278	18.47%	1.717%
43	8.447	857	861	867	rVB8	13924	24058	0.68%	0.063%
44	8.606	887	888	891	rVB2	8466	5164	0.15%	0.014%
45	8.705	900	905	907	rBV4	15956	18701	0.53%	0.049%
46	8.811	919	923	925	rBV2	3378	5043	0.14%	0.013%
47	8.970	944	950	952	rBV6	9934	14006	0.40%	0.037%
48	8.987	952	953	955	rBV2	9683	6290	0.18%	0.017%
49	9.034	955	961	968	rVV2	354248	609593	17.21%	1.600%
50	9.334	1009	1012	1015	rVB4	5233	5504	0.16%	0.014%
51	9.399	1022	1023	1027	rBV2	5248	5694	0.16%	0.015%
52	9.551	1041	1049	1057	rBV	435008	782107	22.08%	2.053%
53	9.645	1057	1065	1073	rVV4	156256	314227	8.87%	0.825%
54	9.769	1081	1086	1091	rBV2	73655	117382	3.31%	0.308%
55	9.875	1100	1104	1105	rBV3	10636	14212	0.40%	0.037%
56	9.886	1105	1106	1109	rVV3	14096	13531	0.38%	0.036%
57	10.033	1128	1131	1132	rBV2	6297	6069	0.17%	0.016%
58	10.274	1165	1172	1180	rVB2	536138	1013427	28.61%	2.660%
59	10.345	1180	1184	1189	rBV6	19994	37635	1.06%	0.099%
60	10.550	1217	1219	1220	rBV2	12064	9356	0.26%	0.025%
61	10.621	1228	1231	1232	rBV3	8234	6418	0.18%	0.017%
62	10.727	1247	1249	1250	rBV2	7037	5026	0.14%	0.013%
63	10.797	1255	1261	1269	rVV2	846769	1507076	42.54%	3.955%
64	10.973	1289	1291	1294	rBV3	12243	12444	0.35%	0.033%
65	11.056	1303	1305	1308	rVB3	11176	11787	0.33%	0.031%
66	11.091	1308	1311	1314	rBV5	9600	13828	0.39%	0.036%
67	11.208	1323	1331	1338	rBV	664981	1214835	34.29%	3.188%
68	11.344	1347	1354	1361	rVB	652852	1183295	33.40%	3.105%
69	11.725	1417	1419	1422	rBV4	11957	15198	0.43%	0.040%
70	11.772	1423	1427	1432	rVB8	32019	54708	1.54%	0.144%
71	12.078	1476	1479	1481	rBV4	8254	7384	0.21%	0.019%
72	12.160	1489	1493	1499	rVB4	26730	39566	1.12%	0.104%
73	12.201	1499	1500	1502	rBV2	8356	6876	0.19%	0.018%
74	12.219	1502	1503	1504	rVV	14646	7890	0.22%	0.021%
75	12.260	1507	1510	1514	rVB5	37771	56374	1.59%	0.148%
76	12.483	1537	1548	1556	rBV	665316	1088554	30.73%	2.857%

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Instrument :
BNA_G
ClientSampleId :
EOAR0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Title : SVOA CALIBRATION

77	13.206	1663	1671	1673	rBV7	30035	64954	1.83%	0.170%
78	13.447	1709	1712	1714	rBV4	29765	40342	1.14%	0.106%
79	13.817	1770	1775	1780	rVB4	105844	186322	5.26%	0.489%
80	13.999	1803	1806	1810	rVB3	45884	62312	1.76%	0.164%
81	14.381	1865	1871	1878	rVB	1676956	2562446	72.33%	6.725%
82	14.481	1880	1888	1892	rBV5	158282	513880	14.50%	1.349%
83	14.687	1916	1923	1929	rBV	1867259	2889582	81.56%	7.583%
84	14.740	1929	1932	1937	rVB2	132846	182299	5.15%	0.478%
85	14.986	1968	1974	1982	rVB	1031478	1602470	45.23%	4.206%
86	15.151	1997	2002	2007	rBV2	180054	281497	7.95%	0.739%
87	15.973	2136	2142	2148	rVB	2232805	3394645	95.82%	8.909%
88	16.073	2154	2159	2164	rBV3	633162	905373	25.56%	2.376%
89	17.736	2437	2442	2450	rVB	1118797	1750525	49.41%	4.594%
90	17.836	2453	2459	2465	rVV	2333351	3542801	100.00%	9.298%
91	18.559	2578	2582	2590	rBV2	641550	878091	24.79%	2.304%
92	19.822	2794	2797	2801	rVB3	206284	240199	6.78%	0.630%
93	20.110	2841	2846	2853	rVB	2268807	3373707	95.23%	8.854%
94	22.072	3175	3180	3186	rVB2	840469	1461777	41.26%	3.836%
95	25.433	3743	3752	3762	rVB3	986867	3077413	86.86%	8.076%

Sum of corrected areas: 38103746

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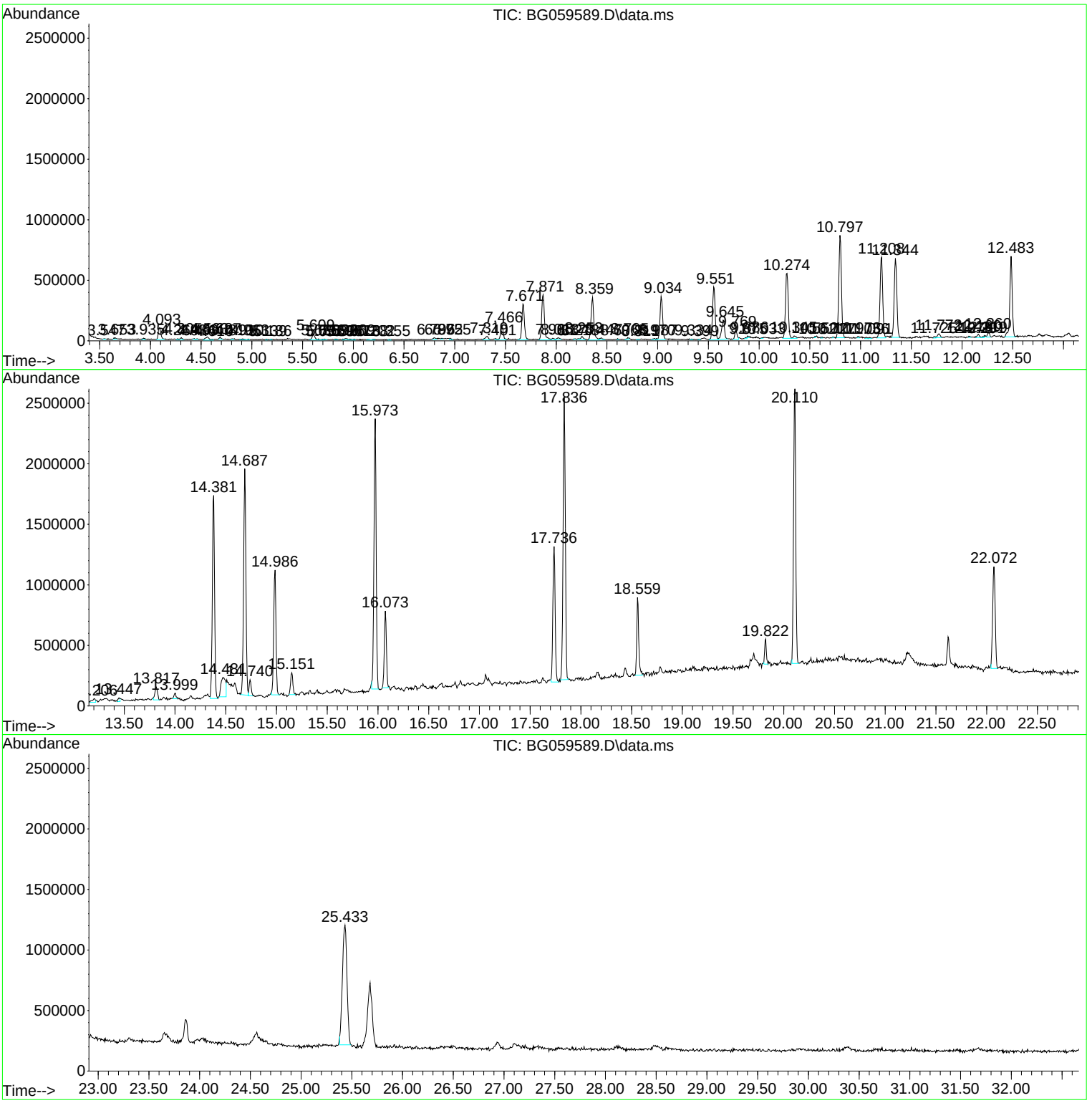
Instrument :
BNA_G
ClientSampleId :
EOAR0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.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\BG110123\
Data File : BG059589.D
Acq On : 1 Nov 2023 22:46
Operator : MA/JU
Sample : 04952-01
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EOAR0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

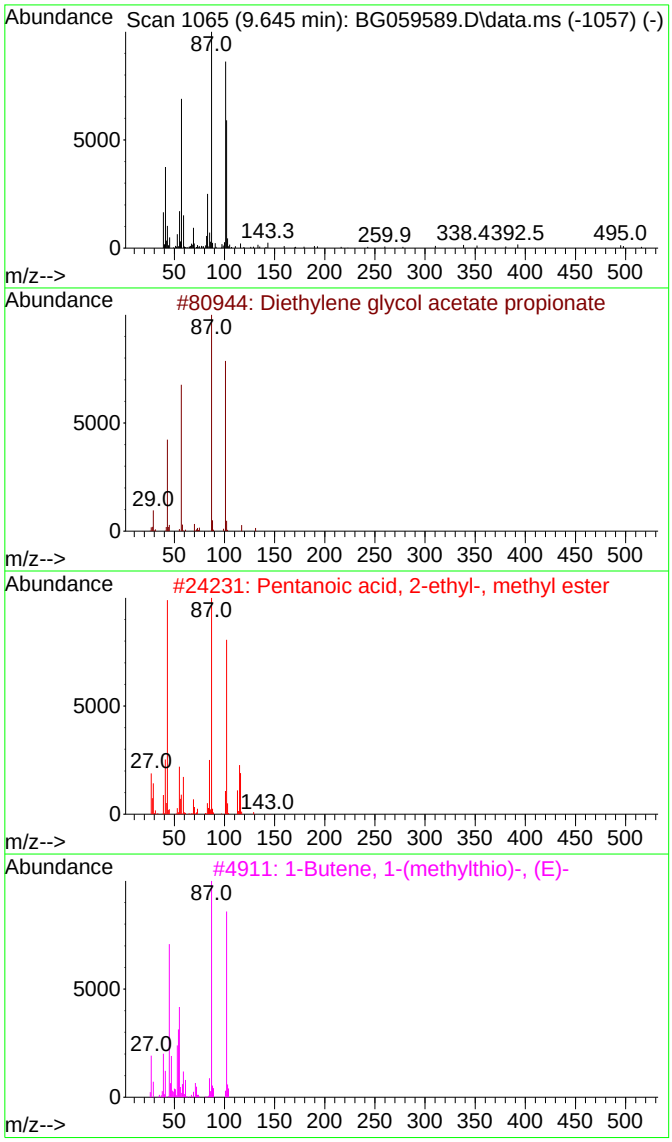
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

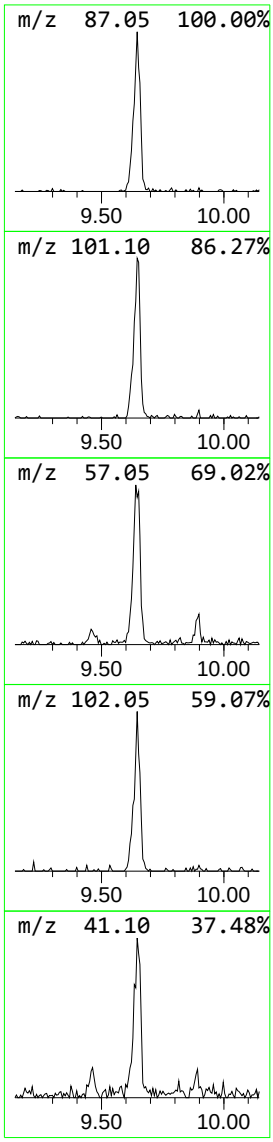
****

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.645	9.61 ng/ul	314227	1,4-Dichlorobenzene-d4	8.359

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol acetate propio...	204	C9H16O5	1000458-46-9	40
2	Pentanoic acid, 2-ethyl-, methyl...	144	C8H16O2	000816-16-0	25
3	1-Butene, 1-(methylthio)-, (E)-	102	C5H10S	017414-27-6	25
4	5-Nonanol, 5-methyl-	158	C10H22O	033933-78-7	25
5	Hexanoic acid, 2-ethyl-3-hydroxy...	174	C9H18O3	1000153-26-1	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
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Operator : MA/JU
Sample : 04952-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EOAR0

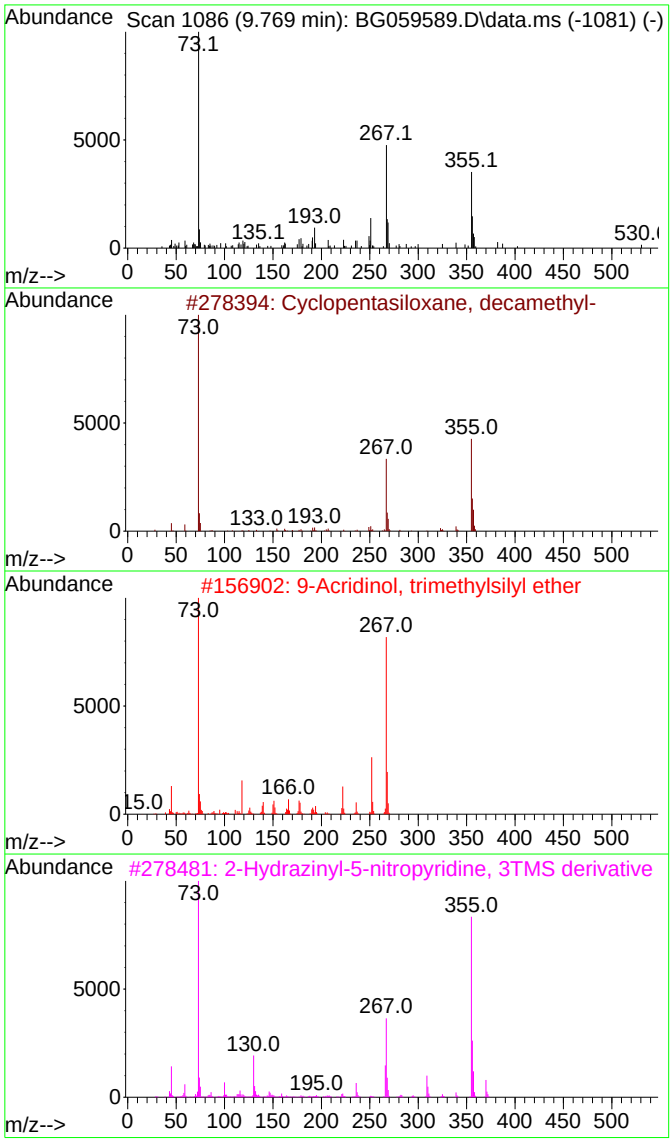
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

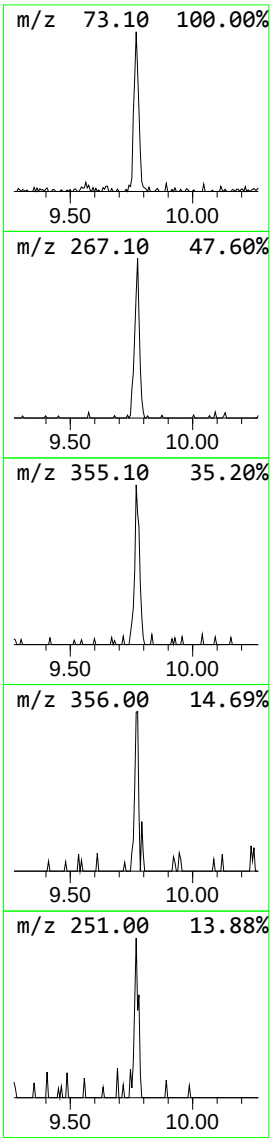
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopentasiloxane, decamet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.769	3.59 ng/ul	117382	1,4-Dichlorobenzene-d4	8.359

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	50
2	9-Acridinol, trimethylsilyl ether	267	C16H17NOSi	1000463-65-5	46
3	2-Hydrazinyl-5-nitropyridine, 3T...	370	C14H30N4O2Si3	1000478-90-5	40
4	Methyl 4-hydroxymandelatem, 2TMS...	326	C15H26O4Si2	055334-40-2	38
5	Acridone, TMS derivative	267	C16H17NOSi	1000478-16-0	37





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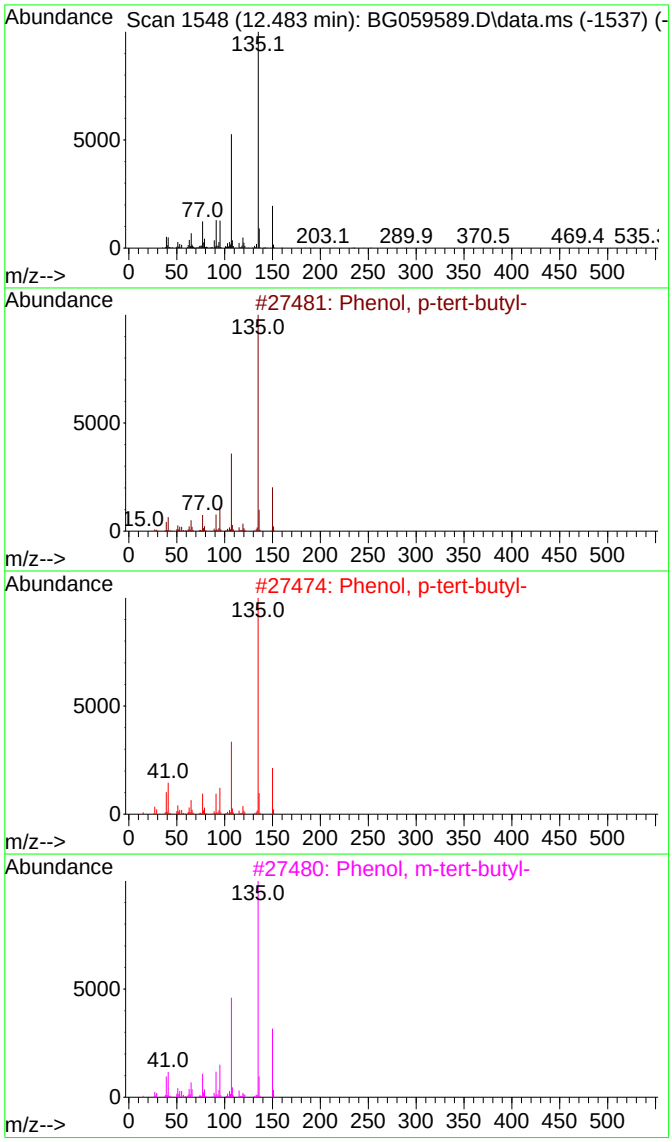
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

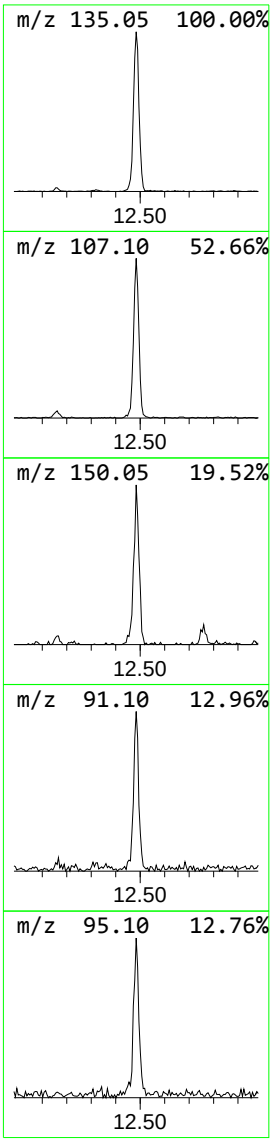
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenol, p-tert-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.483	17.92 ng/ul	1088550	Naphthalene-d8	11.203

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	91
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	91
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	90
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	72





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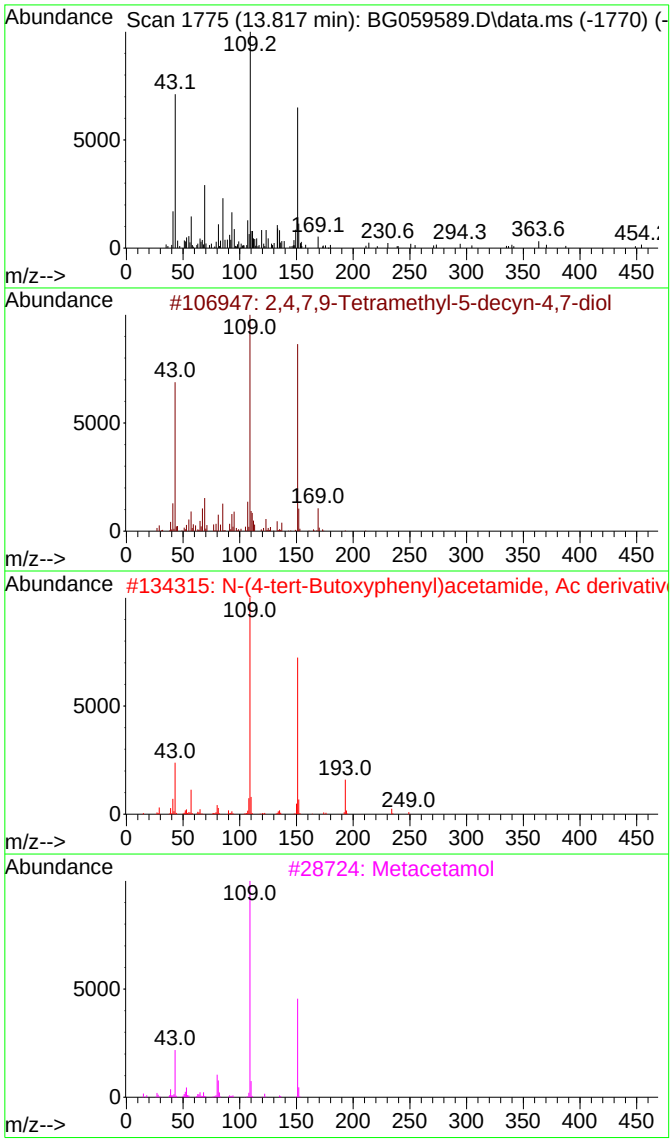
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

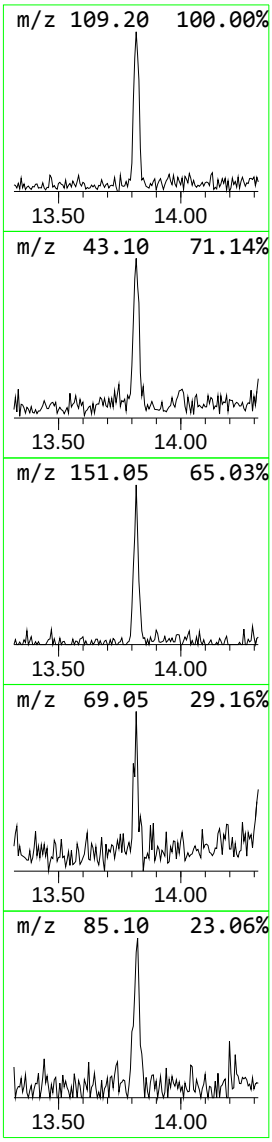
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.817	2.33 ng/ul	186322	Acenaphthene-d10	14.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	64
2	N-(4-tert-Butoxyphenyl)acetamide...	249	C14H19NO3	1000504-17-4	53
3	Metacetamol	151	C8H9NO2	000621-42-1	52
4	Metacetamol	151	C8H9NO2	000621-42-1	50
5	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	50





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Sample : 04952-01
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EOAR0

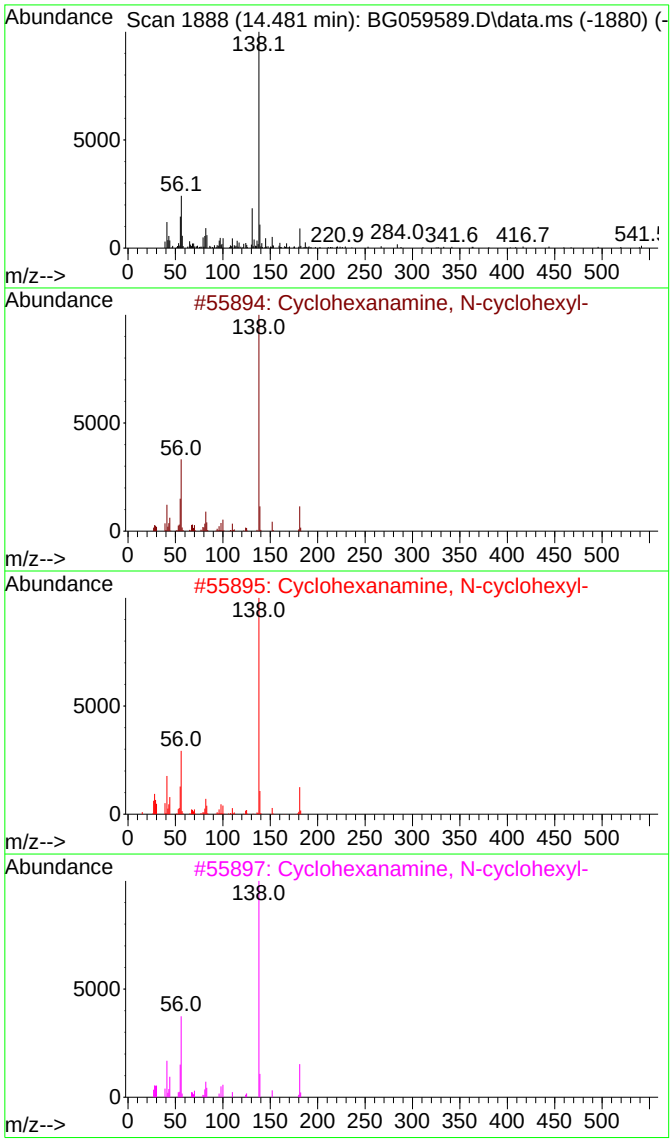
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

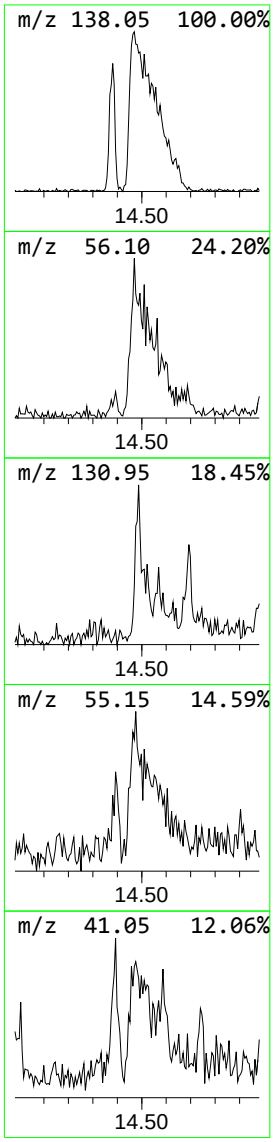
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexanamine, N-cyclohexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.481	6.41 ng/ul	513880	Acenaphthene-d10	14.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	87
2	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	83
3	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	80
4	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	72
5	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	72





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Data File : BG059589.D
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Sample : 04952-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EOAR0

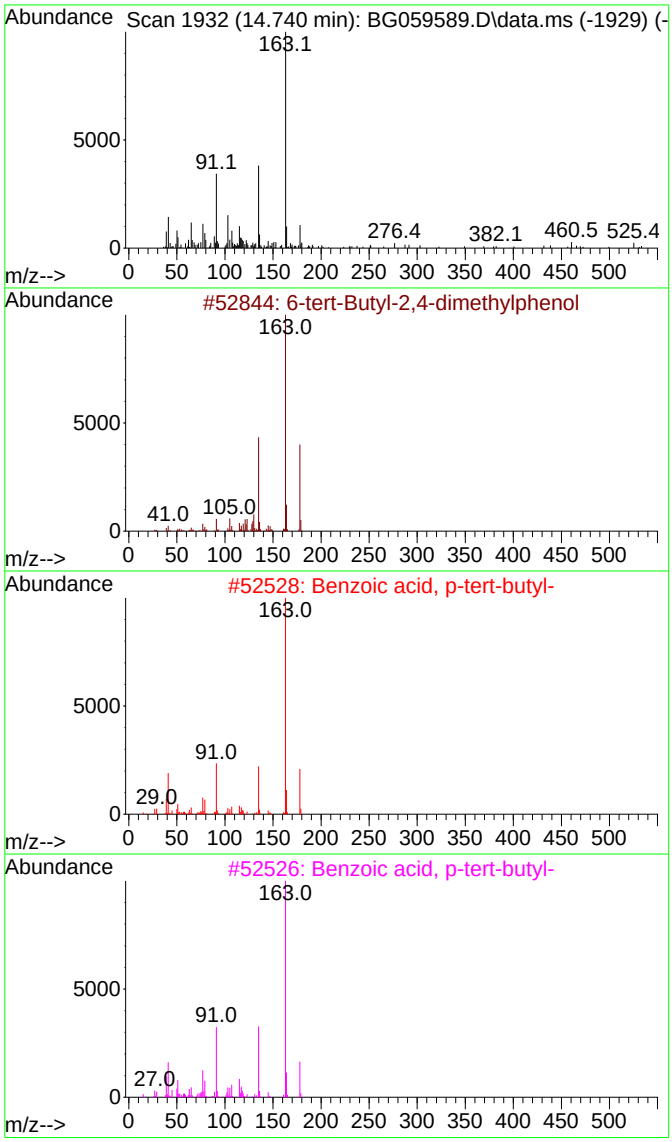
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

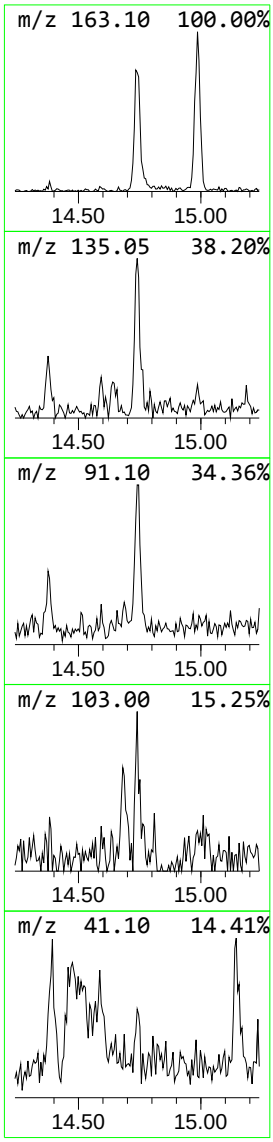
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 6-tert-Butyl-2,4-dimethylph... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.740	2.28 ng/ul	182299	Acenaphthene-d10	14.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	87
2	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	87
3	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	87
4	8-Fluoro-4-hydroxyquinoline	163	C9H6FNO	063010-71-9	72
5	6-Fluoro-4-hydroxyquinoline	163	C9H6FNO	000391-78-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
Data File : BG059589.D
Acq On : 1 Nov 2023 22:46
Operator : MA/JU
Sample : 04952-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EOAR0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

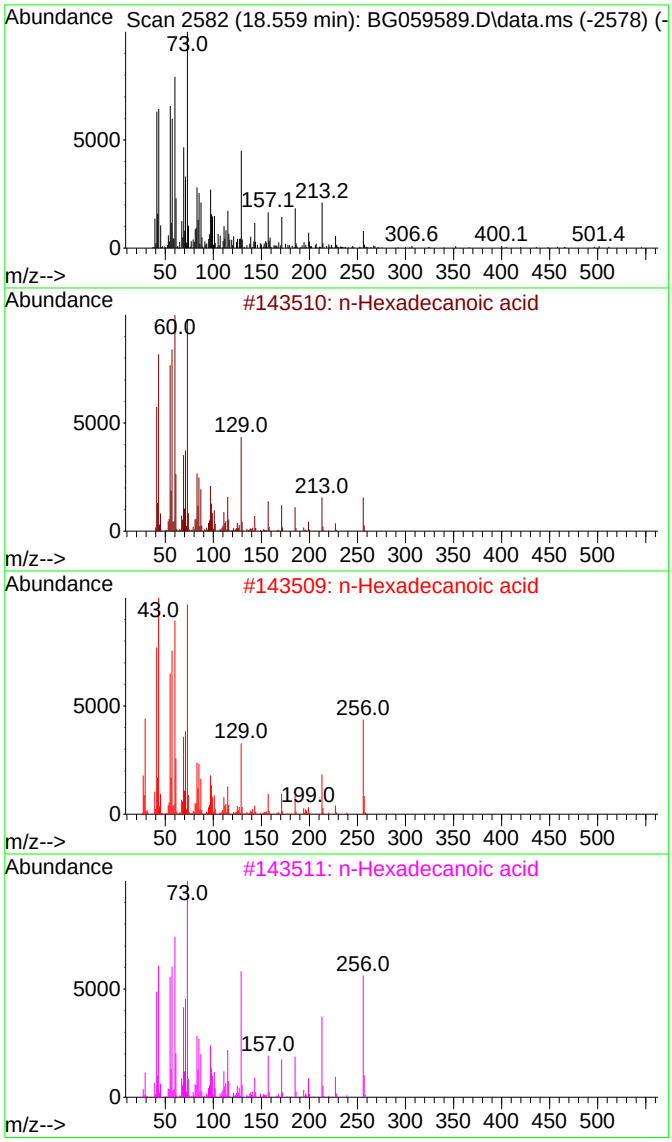
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

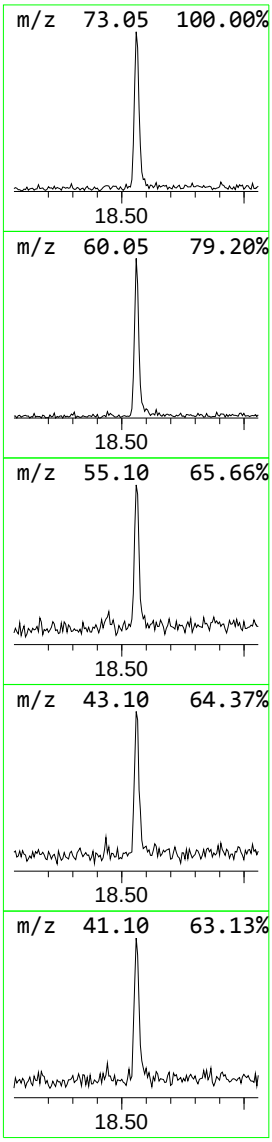
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.559	10.03 ng/ul	878091	Phenanthrene-d10	17.736

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
Data File : BG059589.D
Acq On : 1 Nov 2023 22:46
Operator : MA/JU
Sample : 04952-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EOAR0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

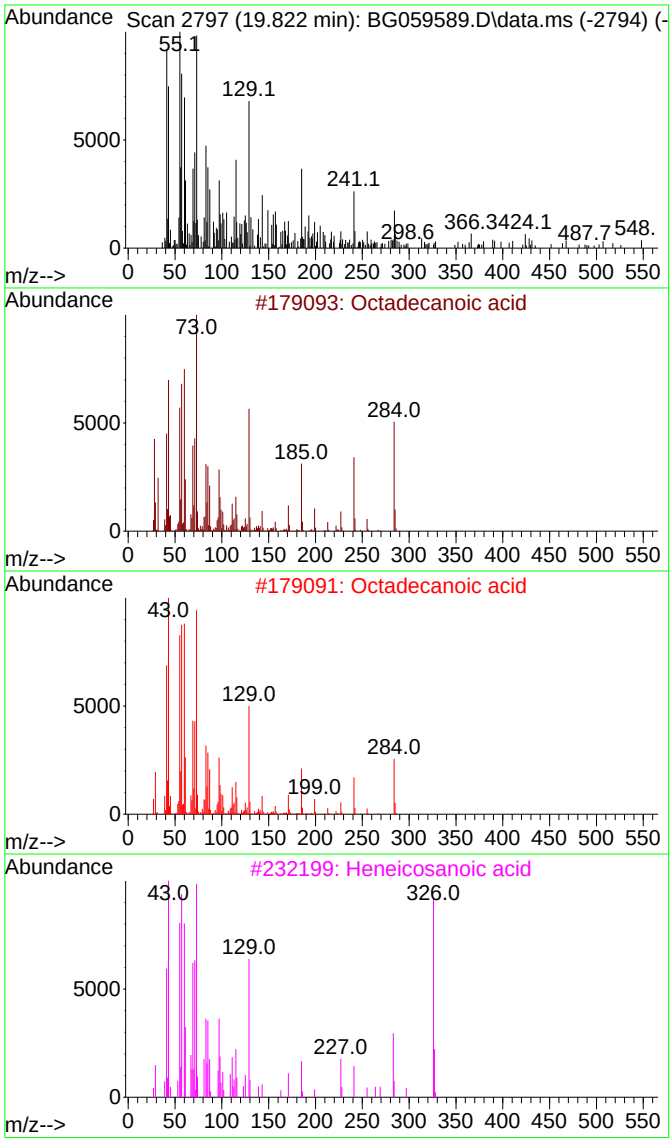
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

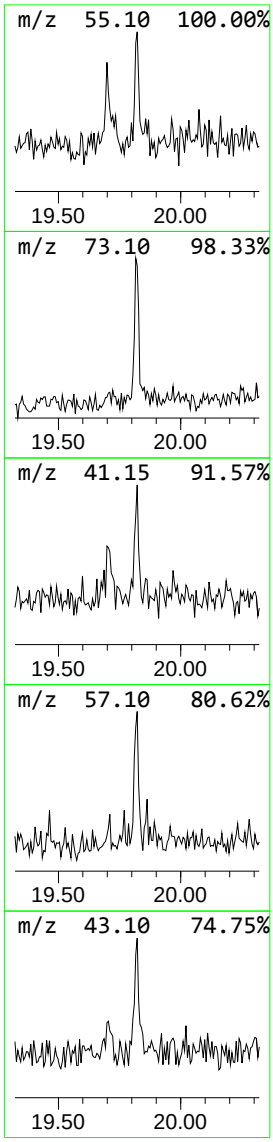
****

Peak Number 9 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.822	2.74 ng/ul	240199	Phenanthrene-d10	17.736

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Heneicosanoic acid	326	C21H42O2	002363-71-5	92
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Octadecanoic acid	284	C18H36O2	000057-11-4	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
Data File : BG059589.D
Acq On : 1 Nov 2023 22:46
Operator : MA/JU
Sample : 04952-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EOAR0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.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	9.645	9.6	ng/ul	314227	1	8.359	654278	20.0
Cyclopentasilox...	9.769	3.6	ng/ul	117382	1	8.359	654278	20.0
Phenol, p-tert-...	12.483	17.9	ng/ul	1088550	2	11.203	1214840	20.0
2,4,7,9-Tetrame...	13.817	2.3	ng/ul	186322	3	14.986	1602470	20.0
Cyclohexanamine...	14.481	6.4	ng/ul	513880	3	14.986	1602470	20.0
6-tert-Butyl-2,...	14.740	2.3	ng/ul	182299	3	14.986	1602470	20.0
n-Hexadecanoic ...	18.559	10.0	ng/ul	878091	4	17.736	1750530	20.0
Octadecanoic acid	19.822	2.7	ng/ul	240199	4	17.736	1750530	20.0