LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059541.D
Acq On : 29 Oct 2023 4:55
Operator : MA/JU
Sample : 04925-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCY7

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: BG059541.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.553	24	28	30	rBV6	5003	7386	0.48%	0.040%
2	3.653	43	45	47	rVV2	8567	7980	0.52%	0.043%
3	3.847	76	78	81	rBV4	5071	6500	0.42%	0.035%
4	3.911	88	89	92	rBV3	6154	7160	0.46%	0.039%
5	4.094	116	120	127	rVV2	57478	96097	6.21%	0.521%
6	4.305	153	156	161	rBV3	12248	17965	1.16%	0.097%
7	4.428	174	177	182	rVB4	6183	10441	0.67%	0.057%
8	4.810	240	242	244	rVV3	5503	7094	0.46%	0.038%
9	4.951	263	266	268	rVB3	7071	6536	0.42%	0.035%
10	5.374	333	338	342	rBV	27279	40315	2.60%	0.219%
11	5.533	362	365	369	rBV4	5327	8619	0.56%	0.047%
12	5.839	414	417	420	rVB3	5525	6155	0.40%	0.033%
13	5.880	420	424	426	rBV	6180	7776	0.50%	0.042%
14	6.027	446	449	451	rBV2	4509	6264	0.40%	0.034%
15	6.526	532	534	537	rVB	5962	7529	0.49%	0.041%
16	7.025	616	619	623	rVB2	6359	8352	0.54%	0.045%
17	7.125	633	636	638	rVB3	5791	6856	0.44%	0.037%
18	7.472	688	695	707	rBV	285772	530643	34.27%	2.879%
19	7.560	707	710	712	rVV2	6066	7434	0.48%	0.040%
20	7.607	716	718	720	rVV3	7046	5917	0.38%	0.032%
21	7.678	722	730	737	rVV	211691	343546	22.19%	1.864%
22	7.760	739	744	748	rBV5	10119	16380	1.06%	0.089%
23	7.877	757	764	770	rBV	306850	543107	35.08%	2.947%
24	8.083	797	799	802	rBV2	5829	8455	0.55%	0.046%
25	8.142	807	809	812	rVV4	7081	6721	0.43%	0.036%
26	8.218	819	822	823	rVV	5778	6536	0.42%	0.035%
27	8.253	827	828	831	rVB2	6495	6018	0.39%	0.033%
28	8.365	840	847	853	rBV	250516	429052	27.71%	2.328%
29	8.512	868	872	874	rBV	10637	12271	0.79%	0.067%
30	8.600	883	887	888	rVB3	6450	7043	0.45%	0.038%
31	8.829	924	926	930	rBV3	6635	9091	0.59%	0.049%
32	8.876	932	934	938	rVB3	6164	7915	0.51%	0.043%
33	9.041	954	962	970	rVB	315597	543655	35.12%	2.950%
34	9.182	982	986	987	rBV2	6505	8158	0.53%	0.044%
35	9.211	987	991	997	rVV3	20172	36849	2.38%	0.200%
36	9.282	997	1003	1004	rVB	4685	7672	0.50%	0.042%

LSC Area Percent Report

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Sample : 04925-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCY7

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	9.305	1004	1007	1008	rBV2	7194	6848	0.44%	0.037%
38	9.423	1023	1027	1031	rVB2	5010	8379	0.54%	0.045%
39	9.470	1031	1035	1037	rBV3	6988	8762	0.57%	0.048%
40	9.558	1042	1050	1058	rBV	283584	511369	33.03%	2.775%
41	9.663	1066	1068	1073	rVB4	5639	7100	0.46%	0.039%
42	9.769	1083	1086	1089	rVV4	6327	8651	0.56%	0.047%
43	10.116	1141	1145	1148	rVB2	6870	9192	0.59%	0.050%
44	10.186	1155	1157	1161	rBV	7786	8291	0.54%	0.045%
45	10.233	1161	1165	1166	rVV3	7686	6649	0.43%	0.036%
46	10.280	1166	1173	1180	rVV2	226308	412366	26.63%	2.237%
47	10.468	1201	1205	1209	rVB5	4464	7060	0.46%	0.038%
48	10.574	1220	1223	1226	rVB	4670	6261	0.40%	0.034%
49	10.803	1254	1262	1269	rBV2	381171	703339	45.43%	3.816%
50	10.862	1269	1272	1275	rVB2	6433	8534	0.55%	0.046%
51	10.962	1284	1289	1295	rVV6	10006	18996	1.23%	0.103%
52	11.027	1297	1300	1302	rBV6	5792	6821	0.44%	0.037%
53	11.109	1311	1314	1317	rBV4	5518	8685	0.56%	0.047%
54	11.215	1324	1332	1340	rBV	340754	640671	41.38%	3.476%
55	11.350	1348	1355	1365	rBV2	230855	441689	28.53%	2.397%
56	11.726	1417	1419	1420	rVV2	8914	6912	0.45%	0.038%
57	11.896	1446	1448	1449	rBV2	8622	7807	0.50%	0.042%
58	12.119	1484	1486	1490	rVV2	6718	6007	0.39%	0.033%
59	12.184	1494	1497	1498	rVB2	5812	5993	0.39%	0.033%
60	12.760	1589	1595	1601	rBV6	14036	27473	1.77%	0.149%
61	13.277	1679	1683	1686	rBV4	7004	8793	0.57%	0.048%
62	13.306	1686	1688	1690	rBV2	6687	6831	0.44%	0.037%
63	13.324	1690	1691	1694	rVV2	8109	6435	0.42%	0.035%
64	13.371	1698	1699	1701	rBV	7251	6856	0.44%	0.037%
65	13.659	1745	1748	1751	rVB	6635	9336	0.60%	0.051%
66	13.694	1751	1754	1756	rBV3	8666	10598	0.68%	0.058%
67	13.823	1772	1776	1785	rVB6	42978	73991	4.78%	0.401%
68	14.011	1806	1808	1810	rVB3	7297	6779	0.44%	0.037%
69	14.088	1818	1821	1822	rBV	6444	5852	0.38%	0.032%
70	14.152	1830	1832	1834	rBV3	7829	7055	0.46%	0.038%
71	14.246	1843	1848	1849	rBV3	11252	17034	1.10%	0.092%
72	14.264	1849	1851	1855	rVV5	10390	16217	1.05%	0.088%
73	14.329	1859	1862	1865	rBV5	11225	14486	0.94%	0.079%
74	14.381	1865	1871	1877	rVB	847696	1245096	80.42%	6.756%
75	14.511	1891	1893	1897	rVB3	5104	6929	0.45%	0.038%
76	14.622	1908	1912	1915	rBV6	4268	7077	0.46%	0.038%

LSC Area Percent Report

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Data File : BG059541.D
Acq On : 29 Oct 2023 4:55
Operator : MA/JU
Sample : 04925-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCY7

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

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

77	14.693	1917	1924	1930	rVV2	813278	1279712	82.66%	6.944%
78	14.746	1932	1933	1935	rVB	9447	5844	0.38%	0.032%
79	14.840	1946	1949	1951	rBV4	7673	8515	0.55%	0.046%
80	14.910	1956	1961	1966	rBV7	18715	32247	2.08%	0.175%
81	14.987	1968	1974	1983	rVV	533947	841706	54.37%	4.567%
82	15.081	1988	1990	1992	rBV2	5809	6413	0.41%	0.035%
83	15.151	1995	2002	2009	rBV3	215541	415140	26.81%	2.252%
84	15.327	2028	2032	2038	rBV5	37977	65775	4.25%	0.357%
85	15.627	2082	2083	2086	rBV3	6731	6416	0.41%	0.035%
86	15.698	2089	2095	2101	rBV	139179	200711	12.96%	1.089%
87	15.745	2101	2103	2104	rBV2	9266	7463	0.48%	0.040%
88	15.974	2136	2142	2151	rVB	990870	1548213	100.00%	8.400%
89	16.074	2151	2159	2166	rBV2	172752	279901	18.08%	1.519%
90	16.614	2246	2251	2255	rVB	189474	276146	17.84%	1.498%
91	16.767	2275	2277	2281	rBV5	19375	18628	1.20%	0.101%
92	17.061	2325	2327	2332	rVB6	26203	37309	2.41%	0.202%
93	17.454	2389	2394	2399	rVB	724794	957222	61.83%	5.194%
94	17.560	2408	2412	2417	rBV2	327801	442381	28.57%	2.400%
95	17.631	2421	2424	2431	rVB7	96870	158152	10.22%	0.858%
96	17.742	2437	2443	2449	rBV	596785	930891	60.13%	5.051%
97	17.842	2454	2460	2466	rVV2	936420	1469368	94.91%	7.973%
98	18.512	2571	2574	2578	rVB3	116555	129513	8.37%	0.703%
99	18.571	2579	2584	2594	rVV	574705	814140	52.59%	4.417%
100	20.110	2842	2846	2851	rVB	992243	1369699	88.47%	7.432%

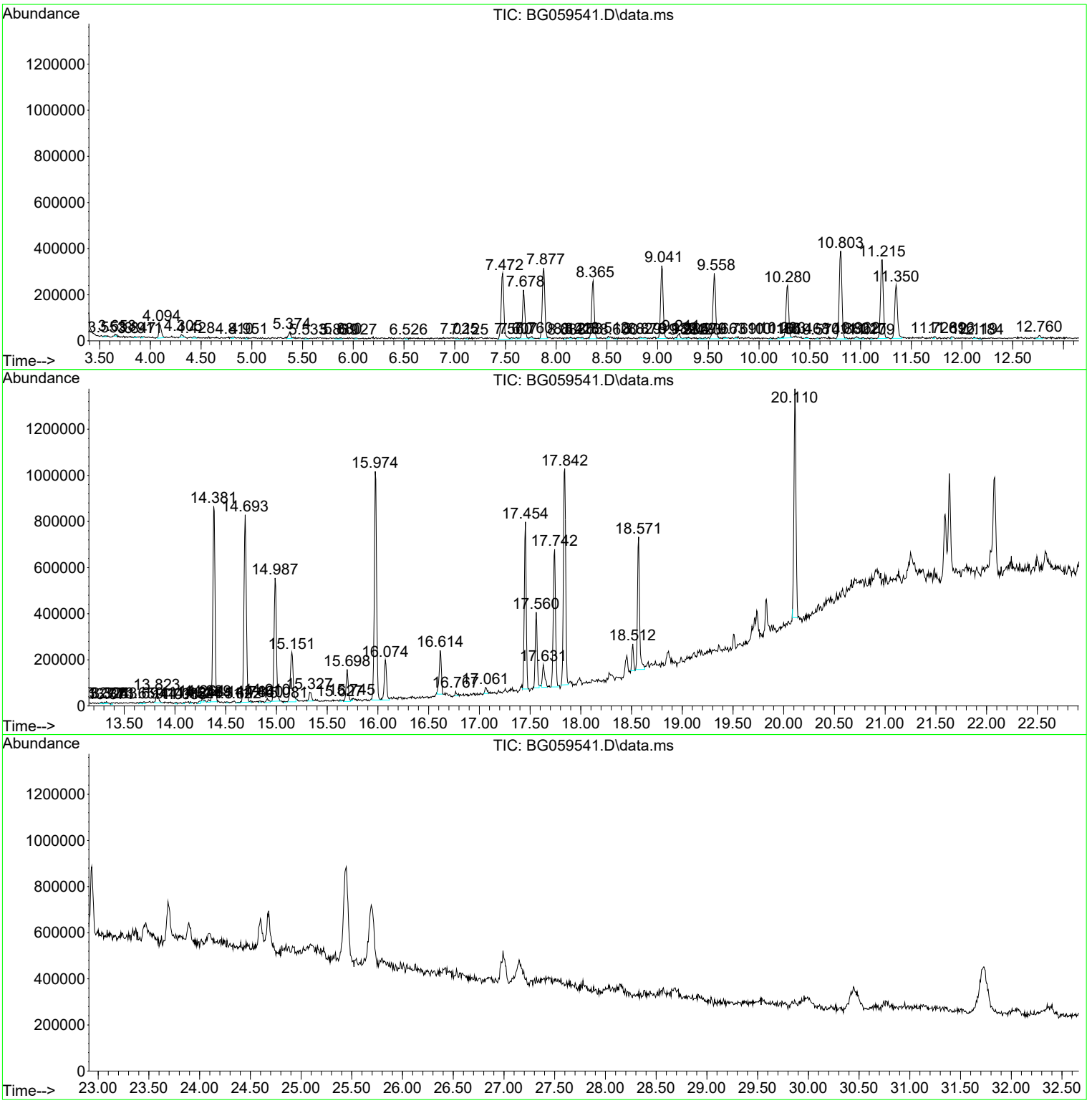
Sum of corrected areas: 18430213

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059541.D
Acq On : 29 Oct 2023 4:55
Operator : MA/JU
Sample : 04925-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCY7

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\BG102823\
Data File : BG059541.D
Acq On : 29 Oct 2023 4:55
Operator : MA/JU
Sample : 04925-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCY7

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

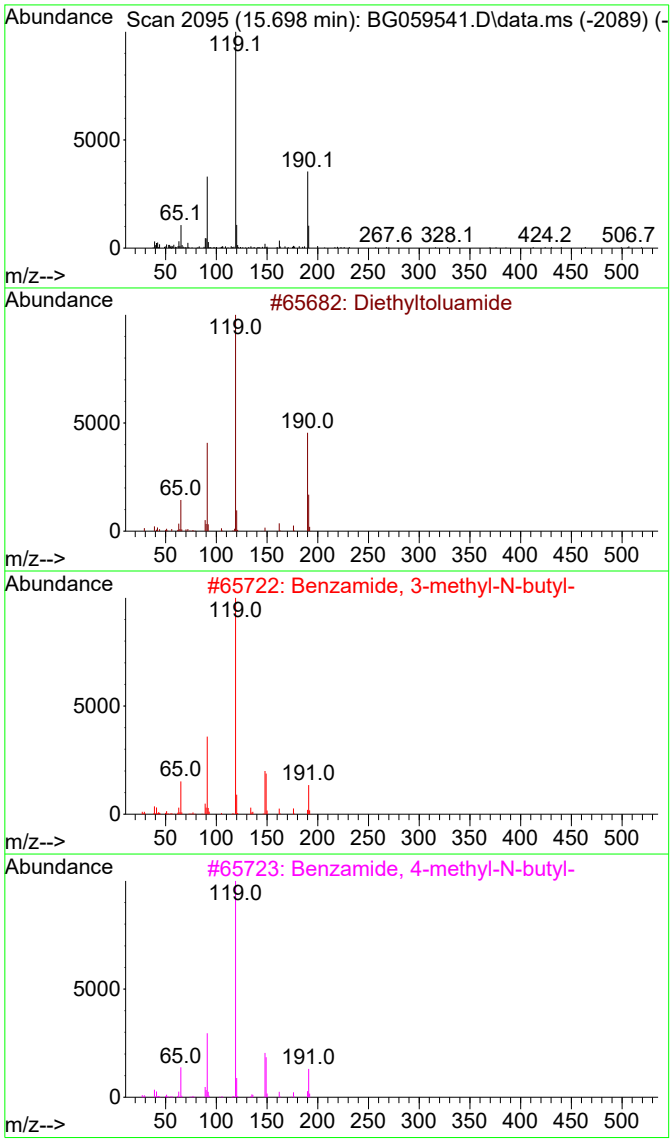
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

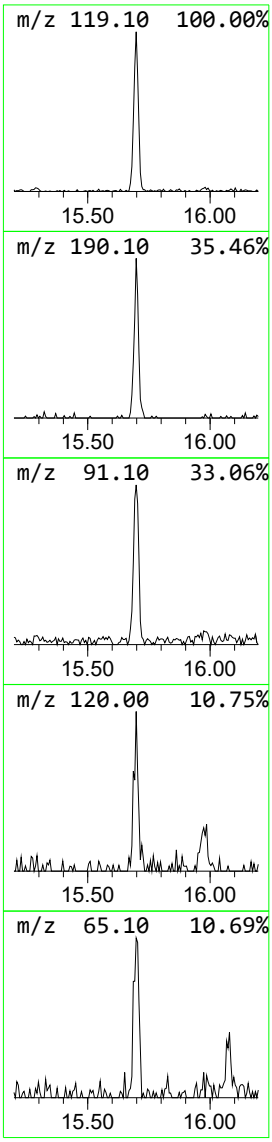
****

Peak Number 1 Diethyltoluamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.698	4.77 ng/ul	200711	Acenaphthene-d10	14.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	83
2	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	64
3	Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	64
4	N-Cyclopropyl-2-methylbenzamide	175	C11H13NO	574718-63-1	50
5	Benzamide, 3,N-dimethyl-N-(2-phe...	253	C17H19NO	1000451-38-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059541.D
Acq On : 29 Oct 2023 4:55
Operator : MA/JU
Sample : 04925-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCY7

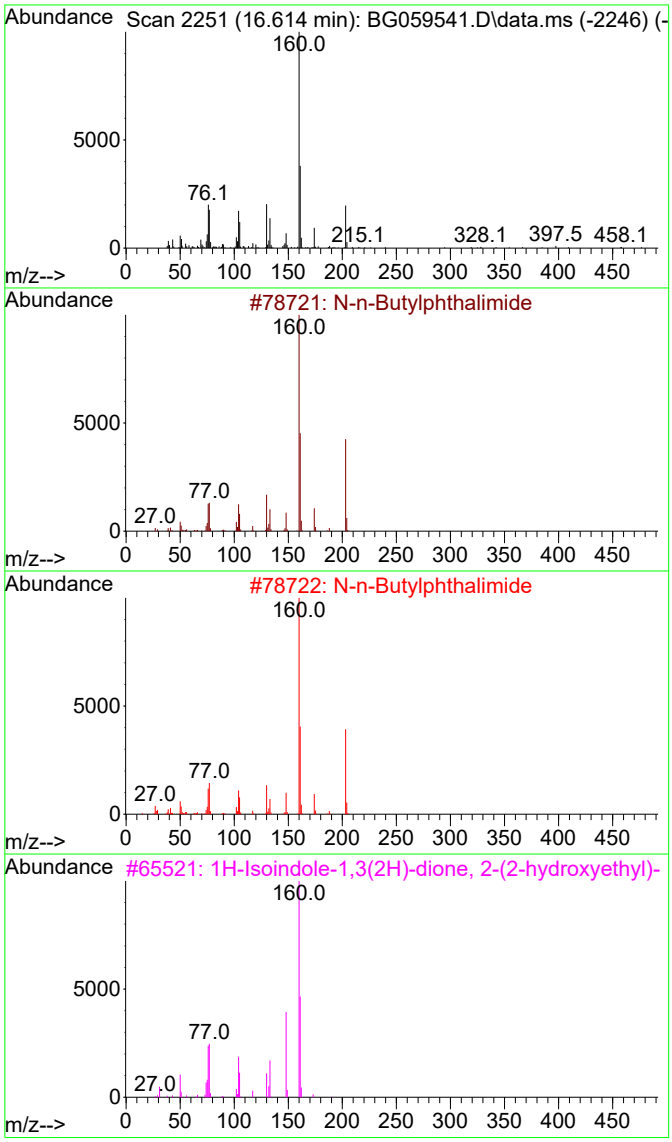
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

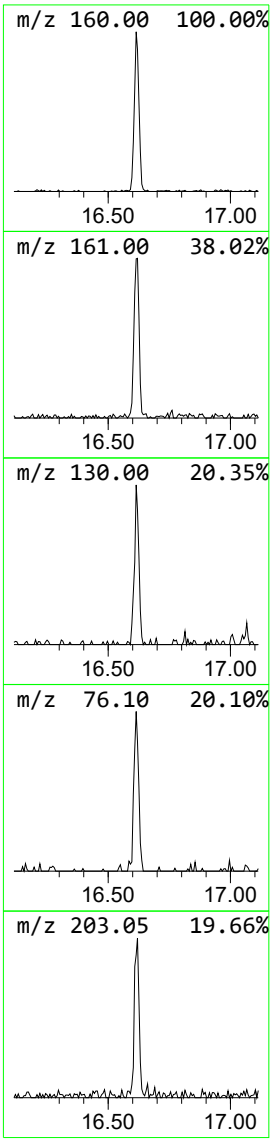
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 N-n-Butylphthalimide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.614	5.93 ng/ul	276146	Phenanthrene-d10	17.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-n-Butylphthalimide	203	C12H13NO2	001515-72-6	96
2	N-n-Butylphthalimide	203	C12H13NO2	001515-72-6	94
3	1H-Isoindole-1,3(2H)-dione, 2-(2...	191	C10H9NO3	003891-07-4	68
4	(S)-N-Giycidylphthalimide	203	C11H9NO3	161596-47-0	64
5	1H-Isoindole-1,3(2H)-dione, 2-(4...	281	C12H12BrNO2	005394-18-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
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Sample : 04925-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCY7

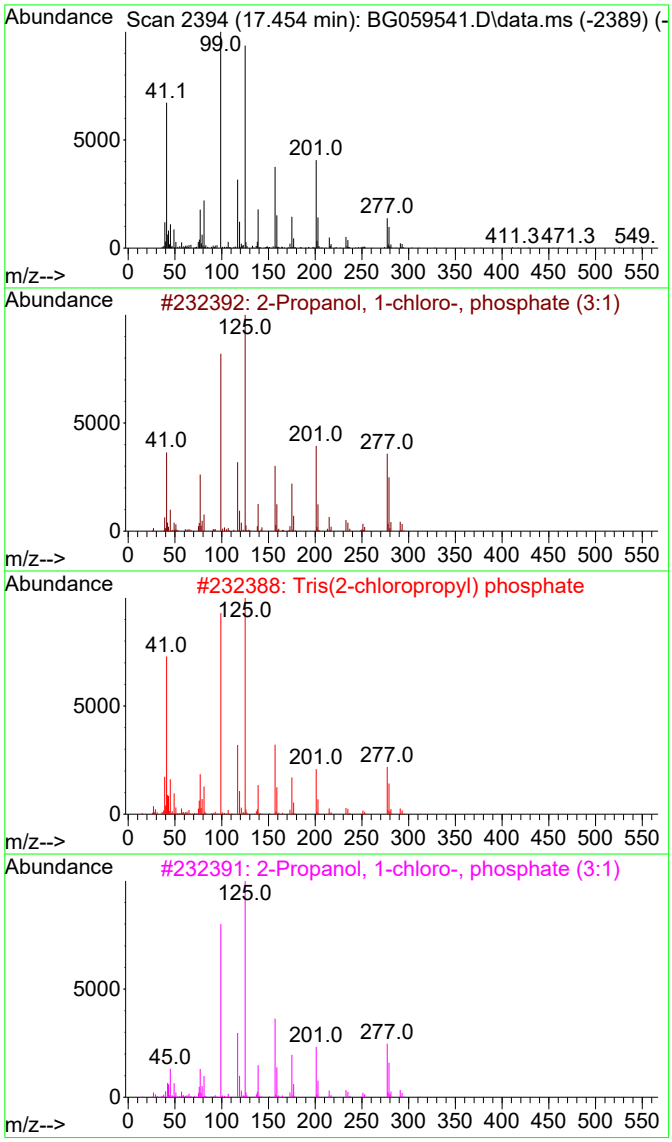
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

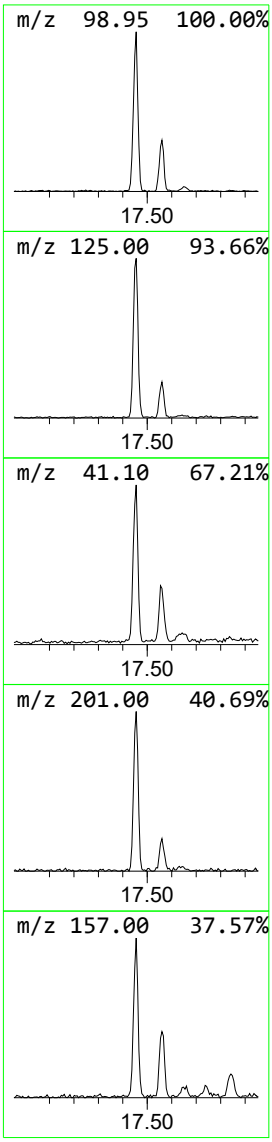
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Propanol, 1-chloro-, phos... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.454	20.57 ng/ul	957222	Phenanthrene-d10	17.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	83
2	Tris(2-chloropropyl) phosphate	326	C9H18Cl3O4P	006145-73-9	83
3	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	80
4	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	43
5	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	37





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Sample : 04925-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GCCY7

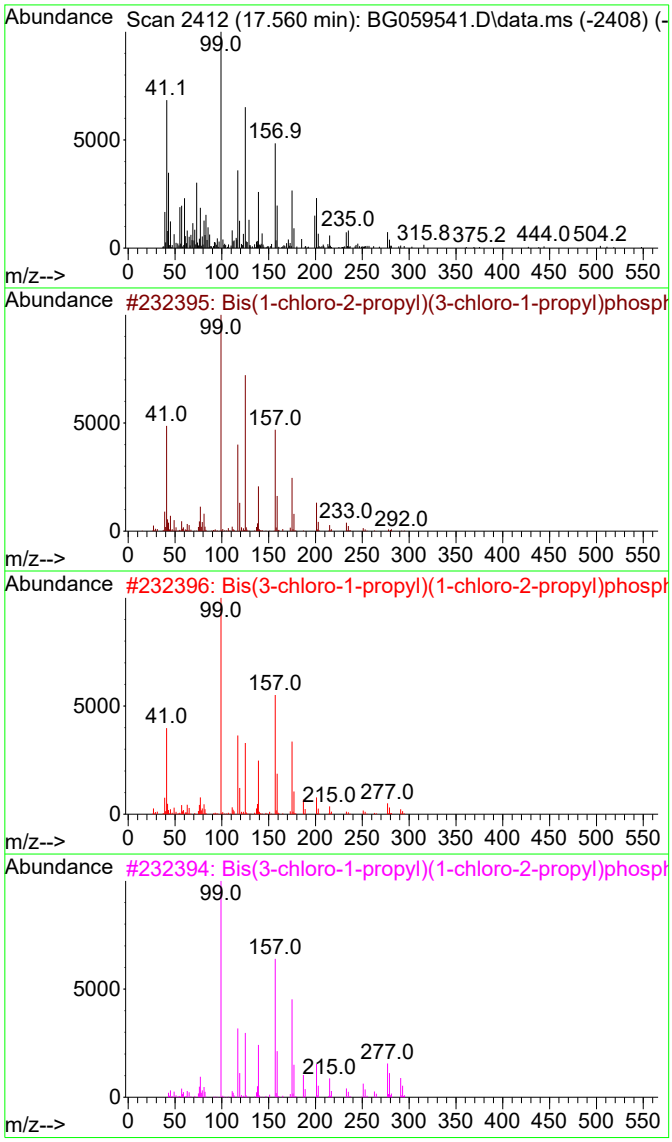
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

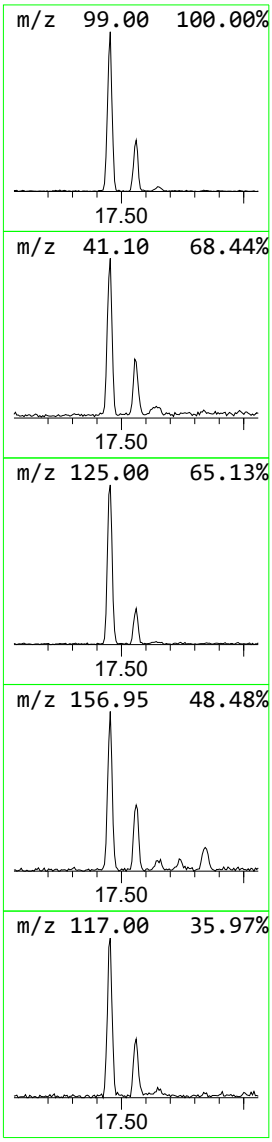
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Bis(1-chloro-2-propyl)(3-ch... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.560	9.50 ng/ul	442381	Phenanthrene-d10	17.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	87
2	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	74
3	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	53
4	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	52
5	Methyl 2-O-acetyl-5-O-methyl-3,6...	218	C10H18O5	1000101-80-5	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059541.D
Acq On : 29 Oct 2023 4:55
Operator : MA/JU
Sample : 04925-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCY7

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

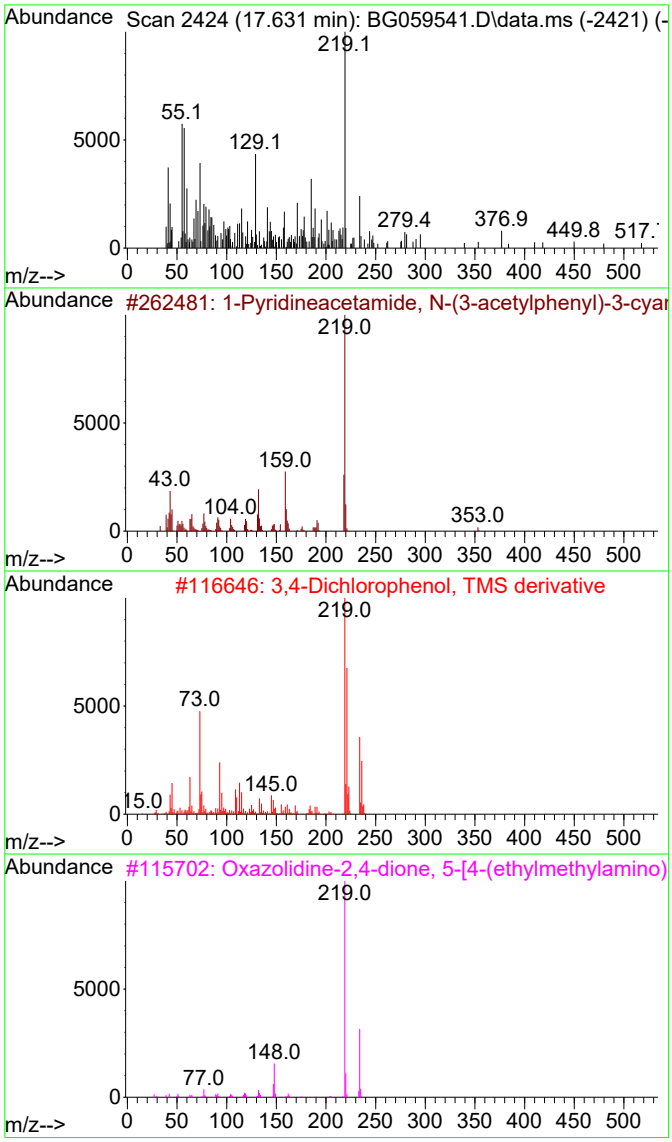
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

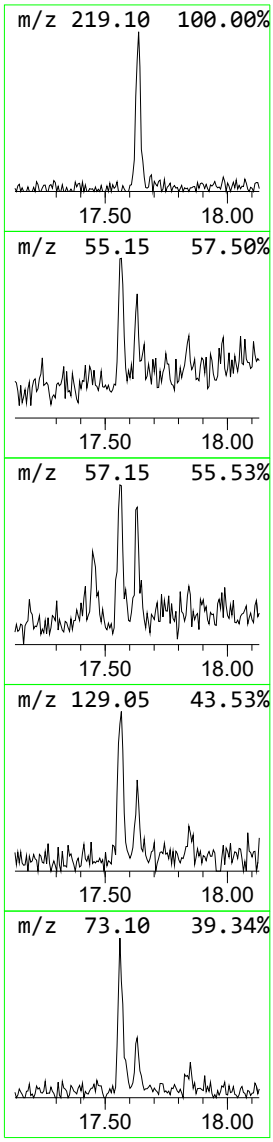
****

Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.631	3.40 ng/ul	158152	Phenanthrene-d10	17.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pyridineacetamide, N-(3-acetyl...	353	C19H19N3O4	1000318-95-7	38
2	3,4-Dichlorophenol, TMS derivative	234	C9H12Cl2OSi	067947-16-4	38
3	Oxazolidine-2,4-dione, 5-[4-(eth...	234	C12H14N2O3	1000158-67-0	38
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	35
5	Pyrido[3,4-d]pyrimidine-2,4(1H,3...	219	C11H13N3O2	022389-81-7	30





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Acq On : 29 Oct 2023 4:55
Operator : MA/JU
Sample : 04925-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCY7

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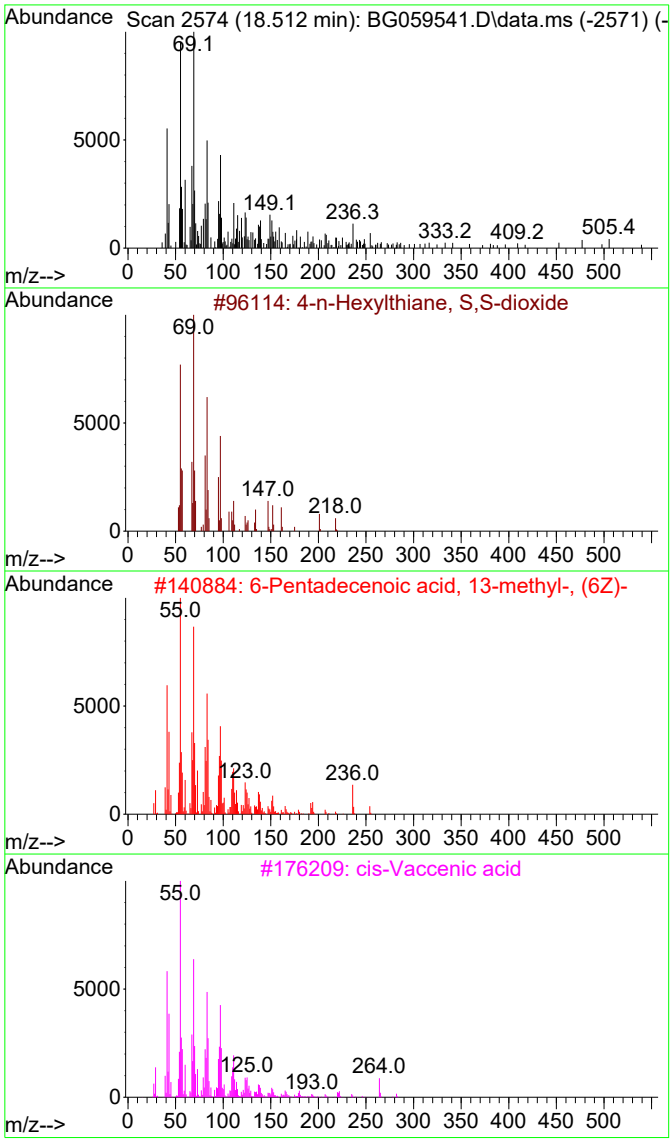
Quant Title : SVOA CALIBRATION

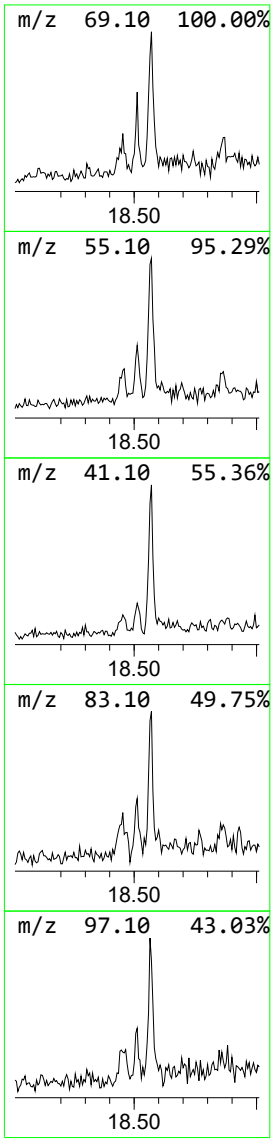
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4-n-Hexylthiane, S,S-dioxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.512	2.78 ng/ul	129513	Phenanthrene-d10	17.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	91
2	6-Pentadecenoic acid, 13-methyl-...	254	C16H30O2	682751-34-4	68
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	64
4	1,22-Docosanediol	342	C22H46O2	022513-81-1	64
5	1-Nonadecene	266	C19H38	018435-45-5	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059541.D
Acq On : 29 Oct 2023 4:55
Operator : MA/JU
Sample : 04925-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCY7

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

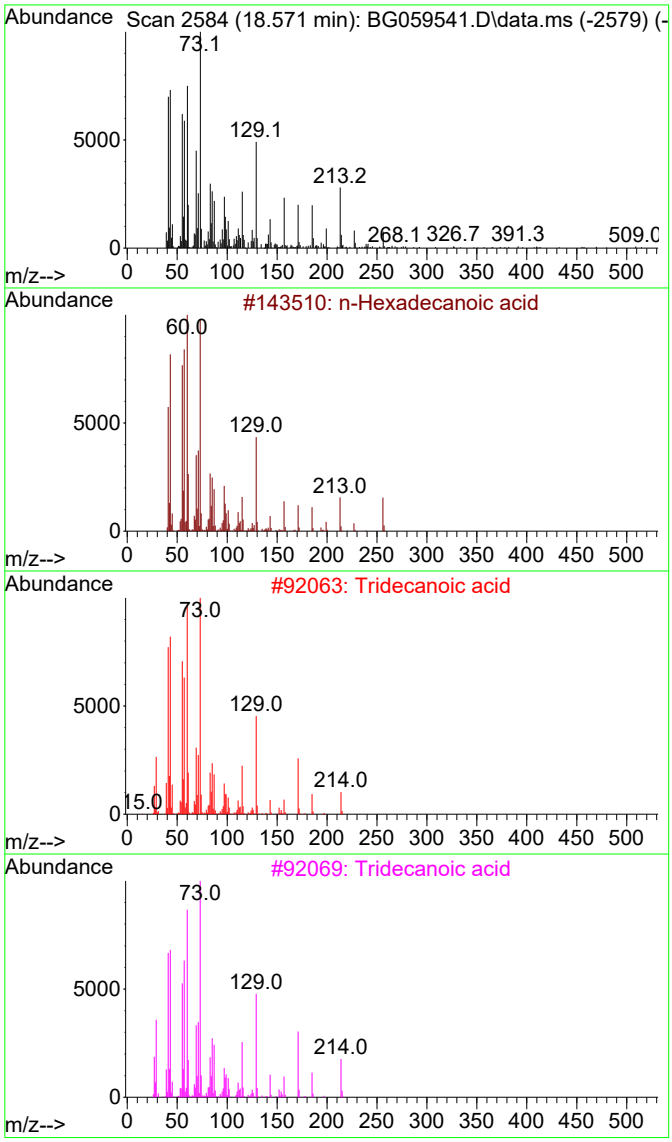
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

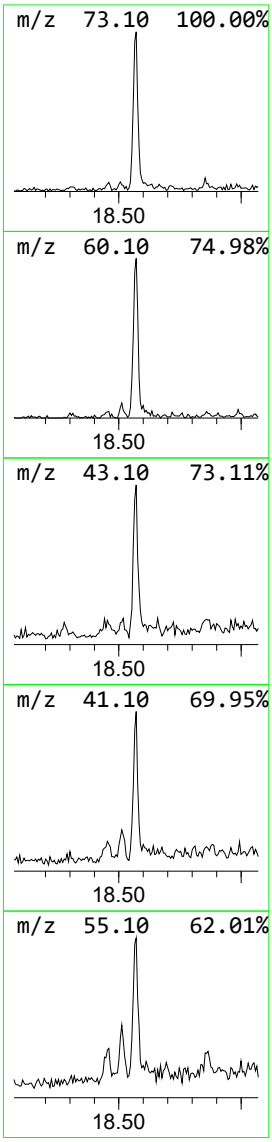
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.571	17.49 ng/ul	814140	Phenanthrene-d10	17.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059541.D
Acq On : 29 Oct 2023 4:55
Operator : MA/JU
Sample : 04925-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCY7

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
Diethyltoluamide	15.698	4.8	ng/ul	200711	3	14.987	841706	20.0
N-n-Butylphthal...	16.614	5.9	ng/ul	276146	4	17.742	930891	20.0
2-Propanol, 1-c...	17.454	20.6	ng/ul	957222	4	17.742	930891	20.0
Bis(1-chloro-2-...	17.560	9.5	ng/ul	442381	4	17.742	930891	20.0
unknown-01	17.631	3.4	ng/ul	158152	4	17.742	930891	20.0
4-n-Hexylthiane...	18.512	2.8	ng/ul	129513	4	17.742	930891	20.0
n-Hexadecanoic ...	18.571	17.5	ng/ul	814140	4	17.742	930891	20.0