LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011923\
Data File : BG056361.D
Acq On : 20 Jan 2023 00:36
Operator : CG/JU
Sample : 01198-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PL-02-011823

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG122722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056361.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.317	3	5	19	rVB	95322	136732	7.56%	0.523%
2	5.344	344	350	362	rVB	108245	172671	9.55%	0.661%
3	5.832	425	433	444	rBV	376402	642519	35.53%	2.459%
4	7.448	701	708	721	rBV	390225	687252	38.01%	2.630%
5	8.311	848	855	862	rVB	157404	274553	15.18%	1.051%
6	9.481	1047	1054	1067	rVB	240420	458902	25.38%	1.756%
7	10.050	1147	1151	1158	rVB4	11334	21055	1.16%	0.081%
8	10.315	1191	1196	1201	rBV4	14670	25157	1.39%	0.096%
9	10.526	1226	1232	1238	rBV3	19053	32175	1.78%	0.123%
10	10.761	1268	1272	1278	rVB3	11255	20100	1.11%	0.077%
11	11.079	1321	1326	1329	rBV2	28038	48198	2.67%	0.184%
12	11.143	1330	1337	1342	rVV	206290	390017	21.57%	1.493%
13	11.184	1342	1344	1350	rVV5	14119	23037	1.27%	0.088%
14	11.261	1350	1357	1363	rVB7	24099	55694	3.08%	0.213%
15	11.337	1363	1370	1376	rBV9	12189	27198	1.50%	0.104%
16	11.602	1411	1415	1422	rVB3	17598	39092	2.16%	0.150%
17	11.719	1429	1435	1440	rBV7	11380	21023	1.16%	0.080%
18	11.813	1442	1451	1461	rVB7	24876	73143	4.04%	0.280%
19	11.954	1468	1475	1481	rVB6	16084	33494	1.85%	0.128%
20	12.036	1481	1489	1494	rBV5	23467	54276	3.00%	0.208%
21	12.113	1498	1502	1506	rVV2	20837	31129	1.72%	0.119%
22	12.166	1507	1511	1515	rVV4	13636	22958	1.27%	0.088%
23	12.224	1517	1521	1526	rVB2	16269	26639	1.47%	0.102%
24	12.313	1530	1536	1541	rBV3	47419	77578	4.29%	0.297%
25	12.501	1563	1568	1577	rBV3	72038	121996	6.75%	0.467%
26	12.659	1591	1595	1599	rVV3	18412	26261	1.45%	0.101%
27	12.724	1603	1606	1611	rVV7	14817	21753	1.20%	0.083%
28	12.771	1611	1614	1619	rVB3	16952	23537	1.30%	0.090%
29	13.012	1651	1655	1659	rVB5	50011	74295	4.11%	0.284%
30	13.270	1694	1699	1703	rBV5	22952	50298	2.78%	0.192%
31	13.382	1714	1718	1722	rBV4	18725	23717	1.31%	0.091%
32	13.435	1722	1727	1731	rVV3	42847	70250	3.88%	0.269%
33	13.476	1731	1734	1738	rVB3	21151	25666	1.42%	0.098%
34	13.546	1740	1746	1756	rVB	807793	1264999	69.96%	4.841%
35	13.635	1756	1761	1765	rVB5	17264	29890	1.65%	0.114%
36	13.723	1765	1776	1781	rBV	115612	207431	11.47%	0.794%

LSC Area Percent Report

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Operator : CG/JU
Sample : 01198-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PL-02-011823

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG122722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.864	1795	1800	1805	rVB3	49286	85869	4.75%	0.329%
38	13.917	1805	1809	1813	rBV5	13343	21570	1.19%	0.083%
39	13.952	1813	1815	1820	rVB6	13171	19643	1.09%	0.075%
40	14.087	1833	1838	1839	rBV4	23987	37594	2.08%	0.144%
41	14.204	1852	1858	1860	rBV7	26952	48926	2.71%	0.187%
42	14.240	1861	1864	1868	rVV4	45324	72130	3.99%	0.276%
43	14.287	1869	1872	1877	rVV4	43030	67005	3.71%	0.256%
44	14.369	1878	1886	1890	rVV4	81274	165674	9.16%	0.634%
45	14.422	1890	1895	1900	rVV5	50158	91571	5.06%	0.350%
46	14.486	1901	1906	1912	rVB4	59396	90071	4.98%	0.345%
47	14.722	1943	1946	1949	rBV5	17280	26493	1.47%	0.101%
48	14.780	1951	1956	1961	rVB	169005	235546	13.03%	0.901%
49	14.921	1975	1980	1986	rVB	337834	553914	30.63%	2.120%
50	14.986	1987	1991	1994	rBV2	40654	53309	2.95%	0.204%
51	15.115	2009	2013	2018	rBV6	32475	56927	3.15%	0.218%
52	15.227	2028	2032	2036	rBV7	20597	41435	2.29%	0.159%
53	15.385	2055	2059	2068	rBV6	58811	125992	6.97%	0.482%
54	15.526	2079	2083	2089	rBV7	44907	110372	6.10%	0.422%
55	15.720	2110	2116	2121	rBV	243896	347483	19.22%	1.330%
56	15.967	2154	2158	2162	rVB2	44240	61448	3.40%	0.235%
57	16.126	2180	2185	2189	rVB3	98229	161933	8.95%	0.620%
58	16.226	2198	2202	2206	rBV5	40515	66024	3.65%	0.253%
59	16.343	2219	2222	2226	rVB4	42832	55047	3.04%	0.211%
60	16.402	2227	2232	2239	rBV2	546564	828121	45.80%	3.169%
61	16.584	2258	2263	2266	rBV	268686	433559	23.98%	1.659%
62	16.919	2318	2320	2324	rBV4	27044	33799	1.87%	0.129%
63	17.089	2346	2349	2355	rVB5	50369	83375	4.61%	0.319%
64	17.154	2357	2360	2364	rVV5	35060	47224	2.61%	0.181%
65	17.371	2393	2397	2402	rVB	280704	324147	17.93%	1.241%
66	17.424	2402	2406	2410	rVB2	126392	173019	9.57%	0.662%
67	17.659	2441	2446	2450	rBV	440088	680742	37.65%	2.605%
68	17.706	2450	2454	2459	rVB	384608	561533	31.05%	2.149%
69	17.794	2465	2469	2474	rBV	91810	134732	7.45%	0.516%
70	17.847	2475	2478	2485	rVB8	53583	82443	4.56%	0.316%
71	18.112	2519	2523	2528	rVB	261844	328440	18.16%	1.257%
72	18.282	2548	2552	2558	rVB	525773	691985	38.27%	2.648%
73	18.517	2586	2592	2599	rBV2	604137	1019556	56.38%	3.902%
74	18.723	2622	2627	2631	rBV4	82285	185022	10.23%	0.708%
75	18.793	2635	2639	2644	rVB	244751	289704	16.02%	1.109%
76	19.410	2739	2744	2746	rBV2	1104677	1349214	74.61%	5.163%

LSC Area Percent Report

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.439	2746	2749	2753	rVB3	1294162	1450122	80.19%	5.550%
78	19.569	2767	2771	2775	rBV	318774	397871	22.00%	1.523%
79	19.633	2777	2782	2784	rVV	582286	921160	50.94%	3.525%
80	19.663	2784	2787	2790	rVV	1259176	1808301	100.00%	6.920%
81	19.692	2790	2792	2798	rVV	850140	1136051	62.82%	4.348%
82	19.769	2802	2805	2811	rVB	227000	338994	18.75%	1.297%
83	19.980	2838	2841	2844	rVB2	153677	155497	8.60%	0.595%
84	20.056	2850	2854	2861	rVB	620915	887046	49.05%	3.395%
85	20.233	2880	2884	2890	rVB	1351158	1728998	95.61%	6.617%
86	20.374	2906	2908	2913	rVB	130390	167252	9.25%	0.640%
87	20.509	2928	2931	2934	rBV	151895	212839	11.77%	0.815%
88	20.644	2950	2954	2958	rBV2	115930	181891	10.06%	0.696%
89	21.954	3170	3177	3183	rBV2	436363	1183563	65.45%	4.529%
90	22.007	3183	3186	3193	rVB	245995	383325	21.20%	1.467%

Sum of corrected areas: 26130186

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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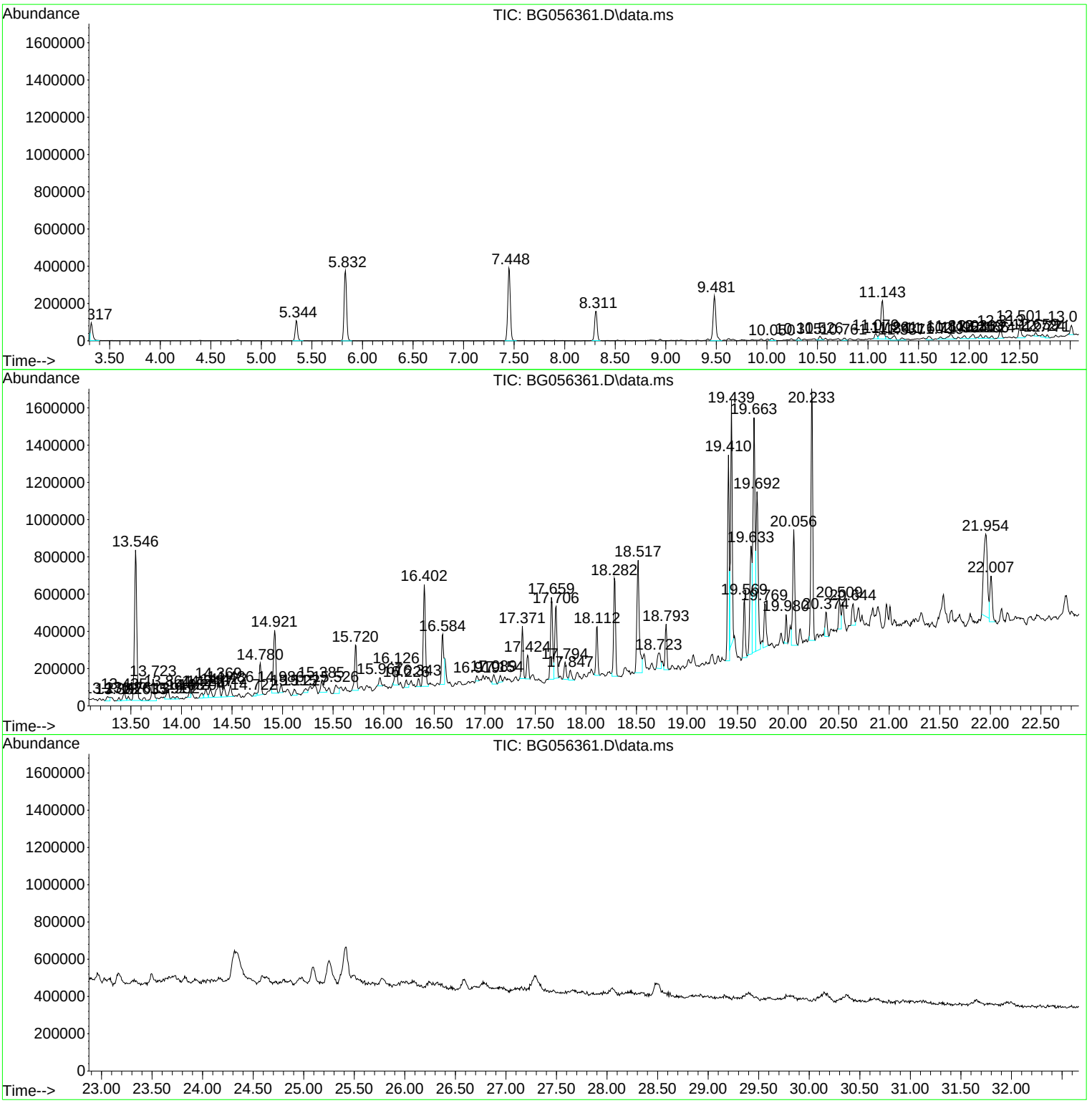
ClientSampleId :
PL-02-011823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011923\
Data File : BG056361.D
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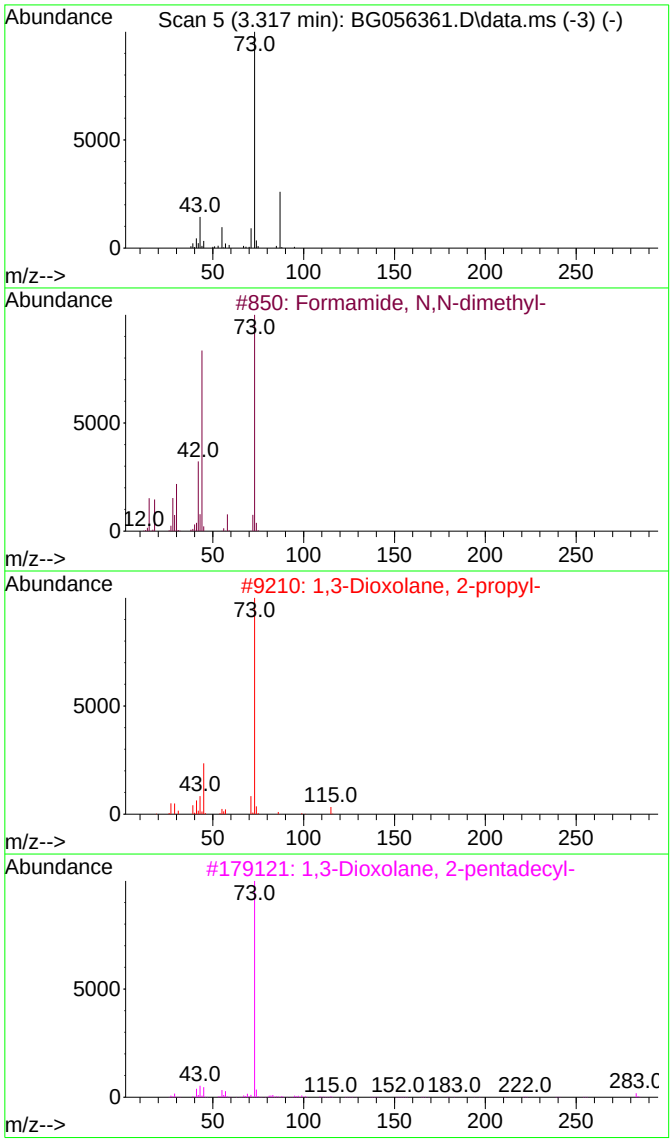
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

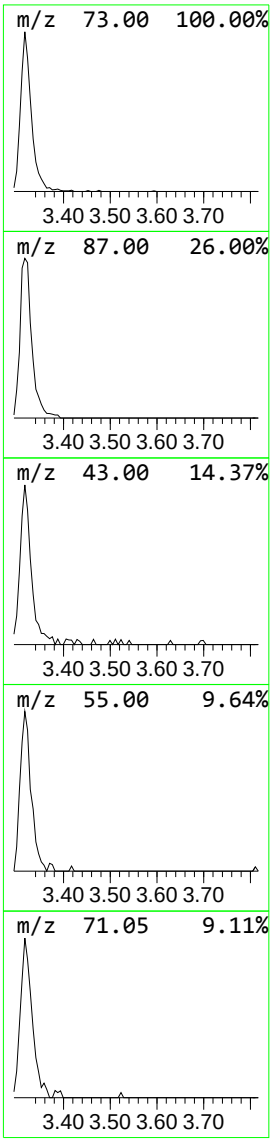
****

Peak Number 1 unknown3.317 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.317	9.96 ng	136732	1,4-Dichlorobenzene-d4	8.311

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	9
2	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	9
3	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
5	3-Methylpentan-3-yl propyl carbo...	188	C10H20O3	1000372-82-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011923\
Data File : BG056361.D
Acq On : 20 Jan 2023 00:36
Operator : CG/JU
Sample : 01198-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-011823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

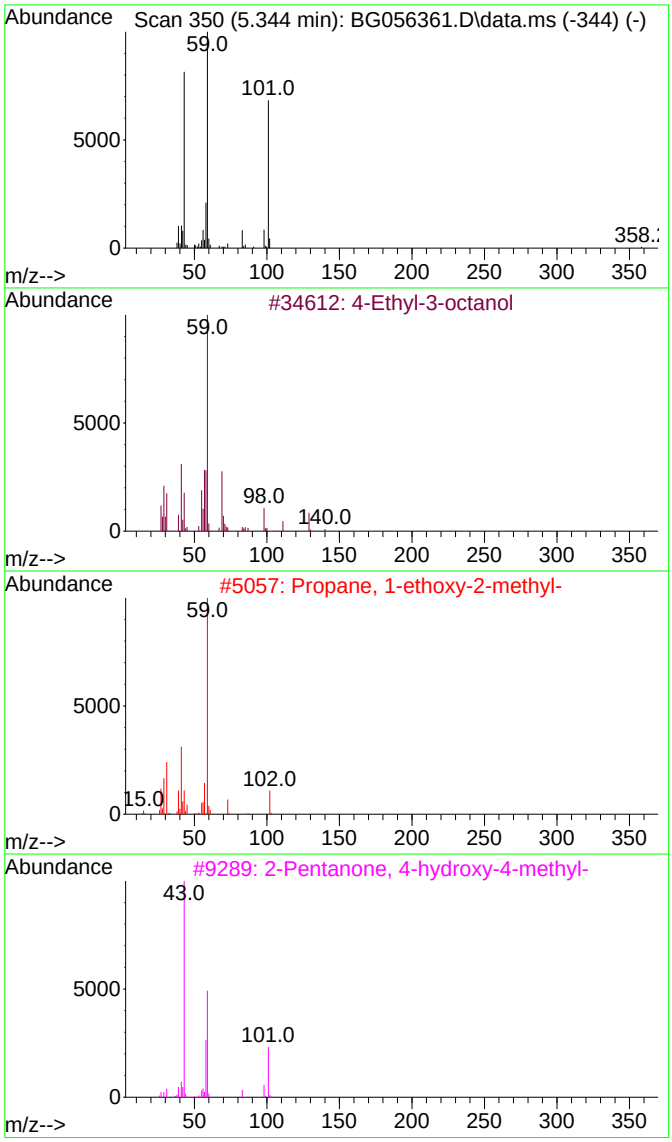
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

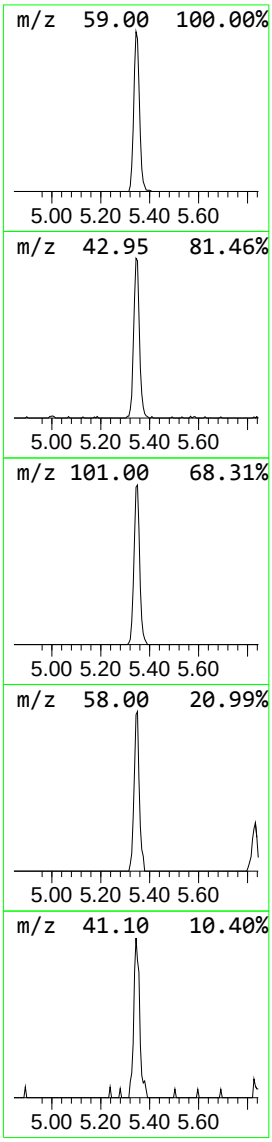
****

Peak Number 2 unknown5.344 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.344	12.58 ng	172671	1,4-Dichlorobenzene-d4	8.311

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	47
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	43
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

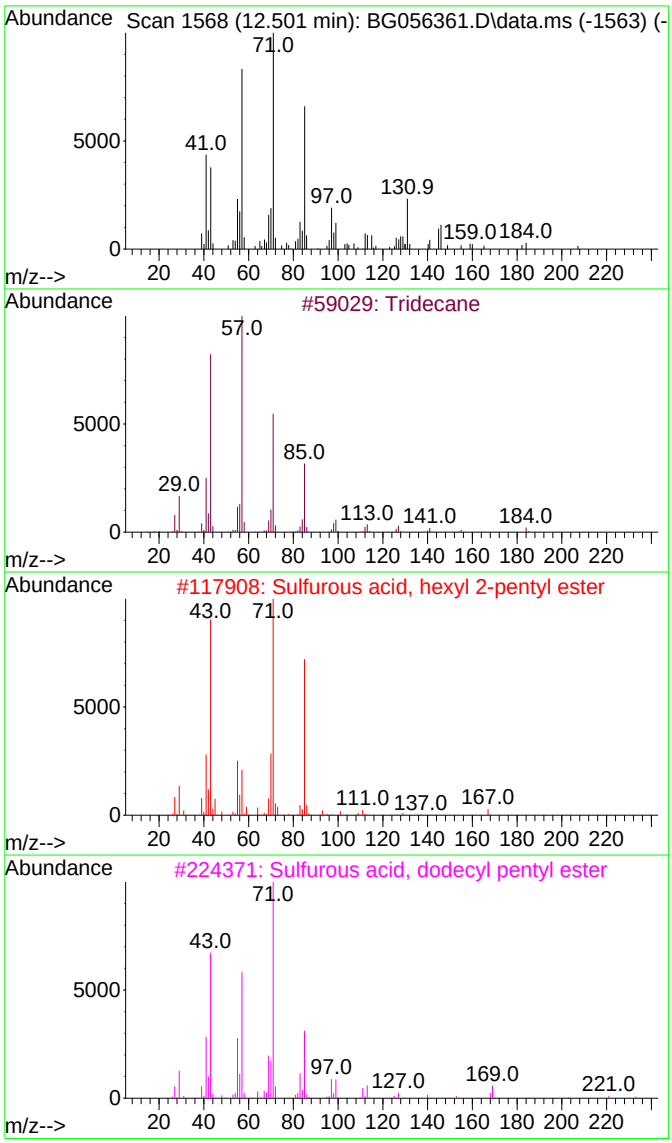
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

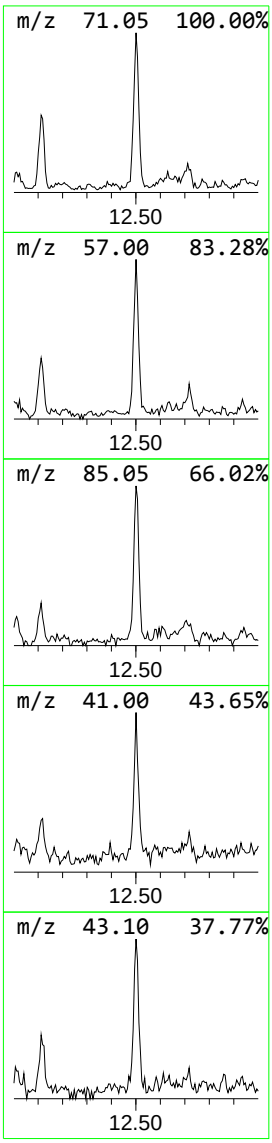
****

Peak Number 3 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.501	6.26 ng	121996	Naphthalene-d8	11.143

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	58
2	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	47
3	Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	43
4	Butanoic acid, 2,3-dihydroxyprop...	162	C7H14O4	000557-25-5	38
5	Nonadecane	268	C19H40	000629-92-5	38





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

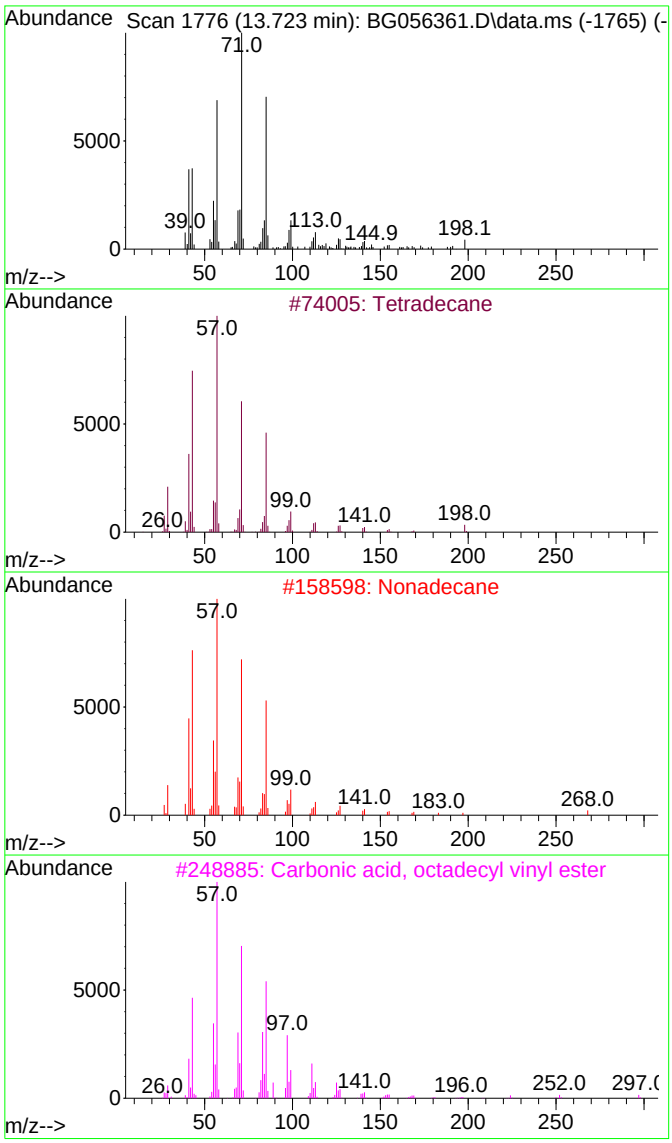
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

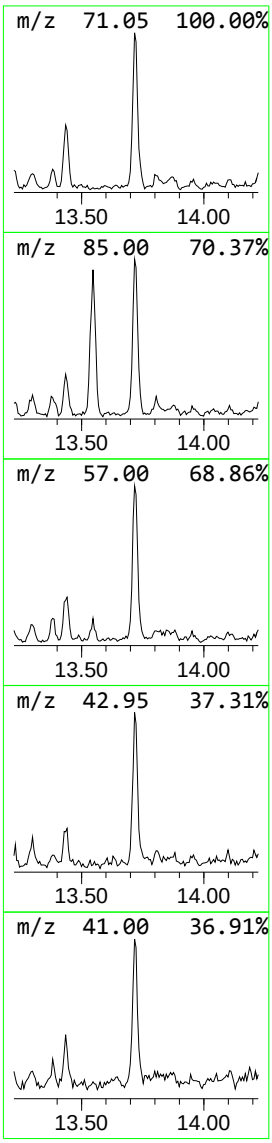
****

Peak Number 4 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.723	7.49 ng	207431	Acenaphthene-d10	14.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Nonadecane	268	C19H40	000629-92-5	86
3	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	83
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
5	Vinyl 2-ethyl-2,5-dimethylhexanoate	198	C12H22O2	1000498-24-9	59





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Data File : BG056361.D
Acq On : 20 Jan 2023 00:36
Operator : CG/JU
Sample : 01198-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-011823

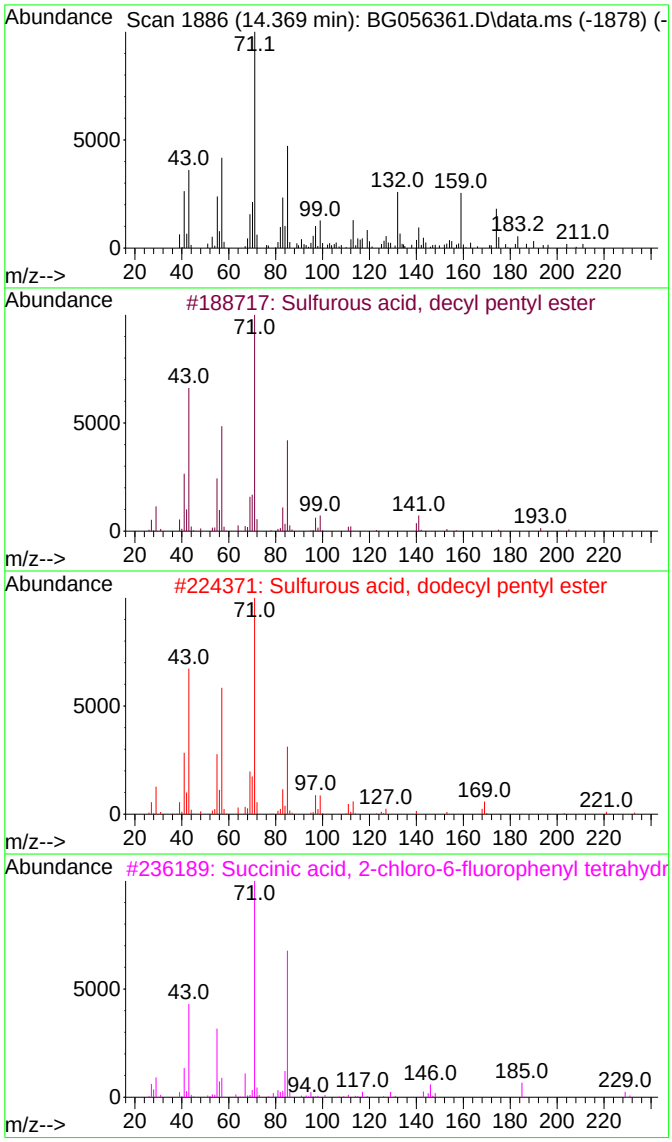
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

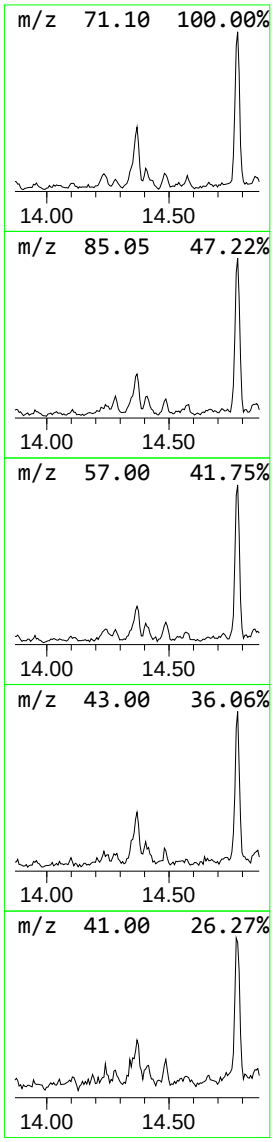
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Sulfurous acid, decyl penty... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.369	5.98 ng	165674	Acenaphthene-d10	14.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	53
2	Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	53
3	Succinic acid, 2-chloro-6-fluoro...	330	C15H16ClFO5	1000390-72-1	47
4	Sulfurous acid, pentyl tetradecy...	348	C19H40O3S	1010309-14-7	43
5	Glutaric acid, isohexyl tetrahyd...	300	C16H28O5	1000359-66-1	43





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Sample : 01198-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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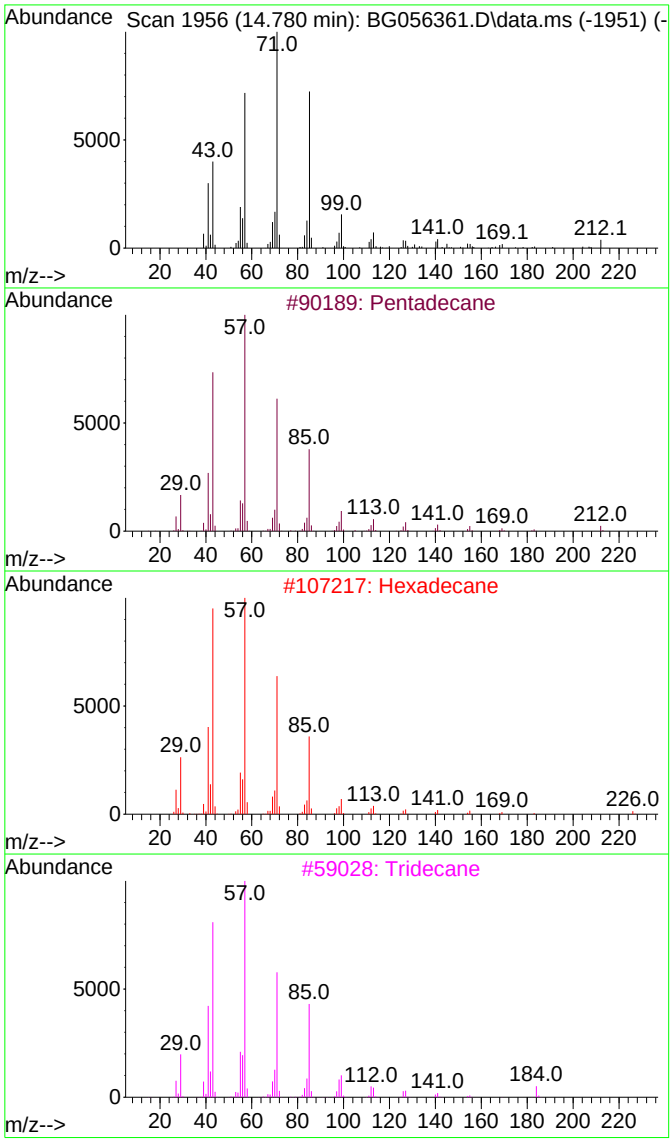
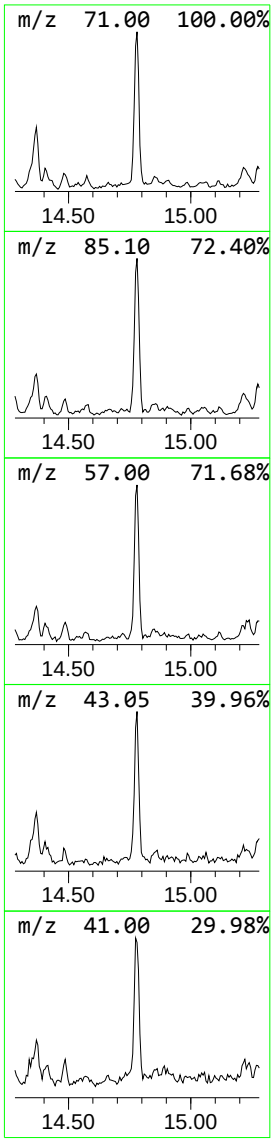
Peak Number 6 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.780	8.50 ng	235546	Acenaphthene-d10	14.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Hexadecane	226	C16H34	000544-76-3	83
3	Tridecane	184	C13H28	000629-50-5	78
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	43





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Sample : 01198-01
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ClientSampleId :
PL-02-011823

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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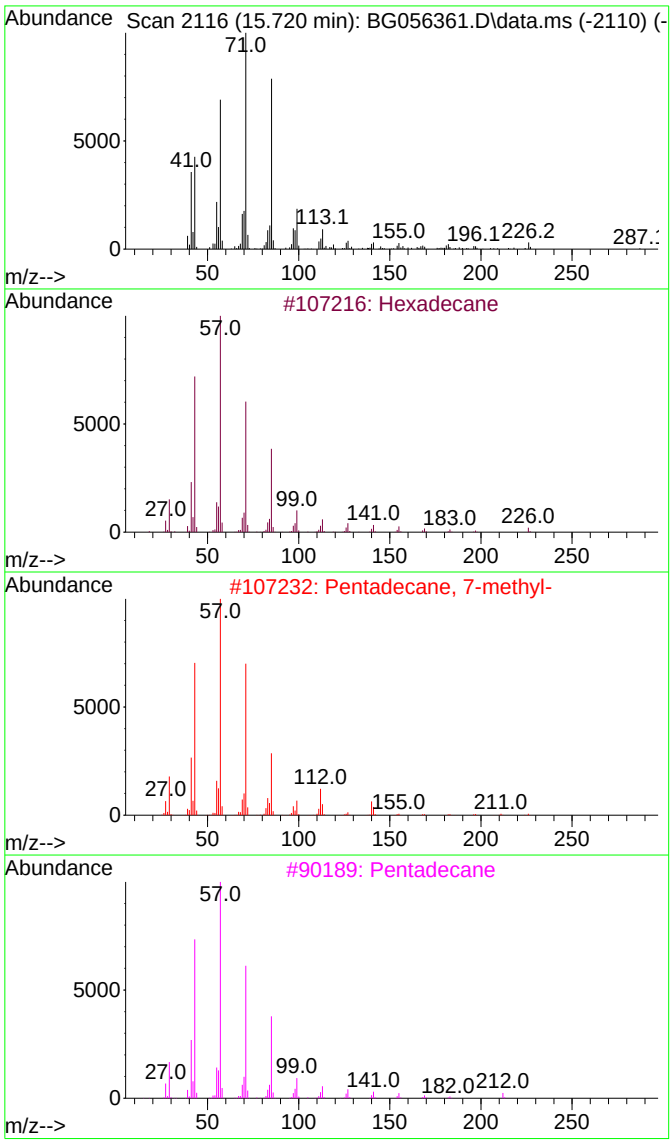
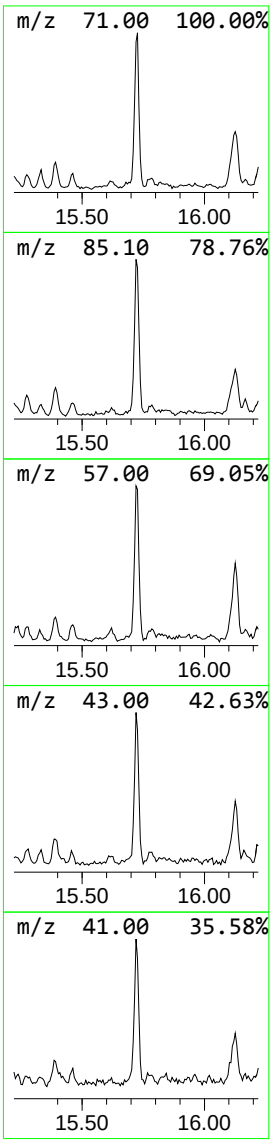
Peak Number 7 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	12.55 ng	347483	Acenaphthene-d10	14.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	86
3	Pentadecane	212	C15H32	000629-62-9	72
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5	Succinic acid, 3-chlorophenyl te...	312	C15H17ClO5	1000390-72-2	64





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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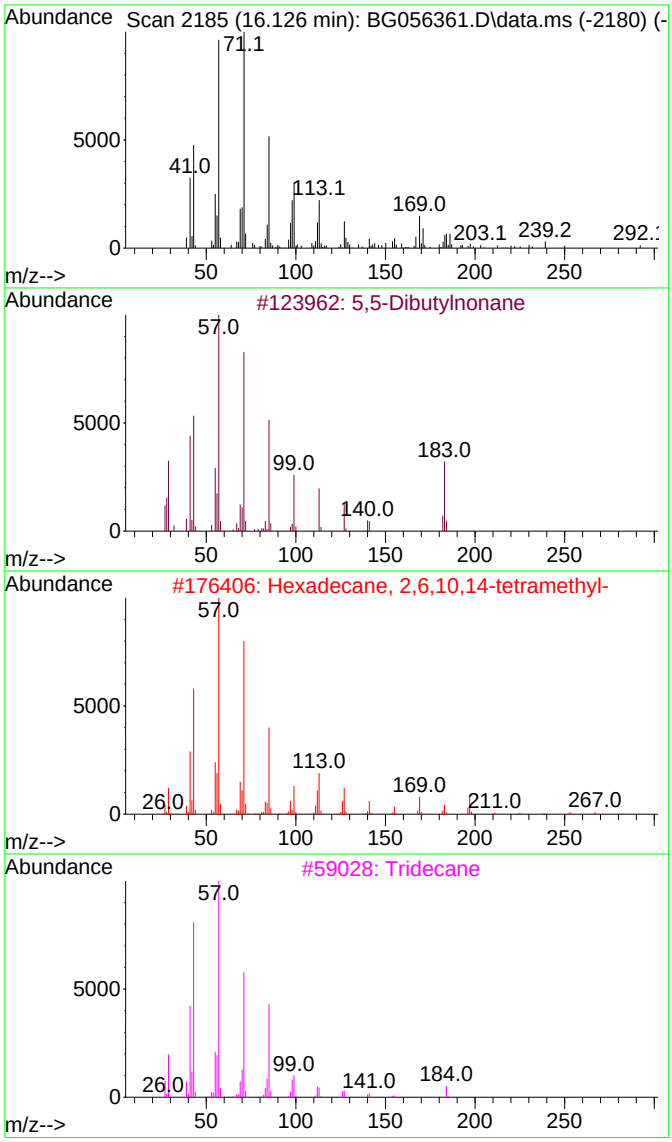
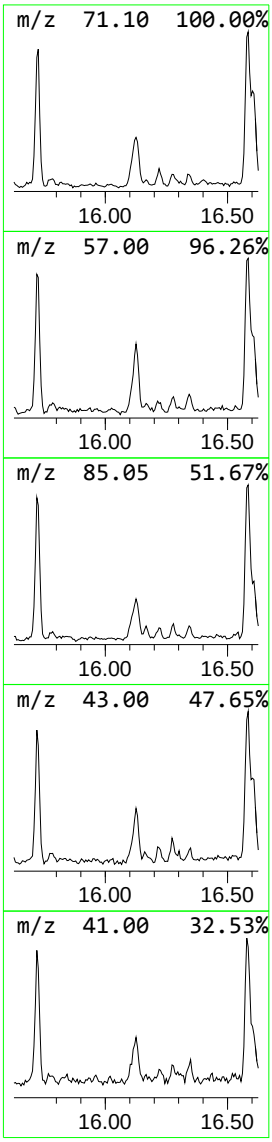
Peak Number 8 5,5-Dibutylnonane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.126	5.85 ng	161933	Acenaphthene-d10	14.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dibutylnonane	240	C17H36	006008-17-9	72
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
3	Tridecane	184	C13H28	000629-50-5	58
4	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	58
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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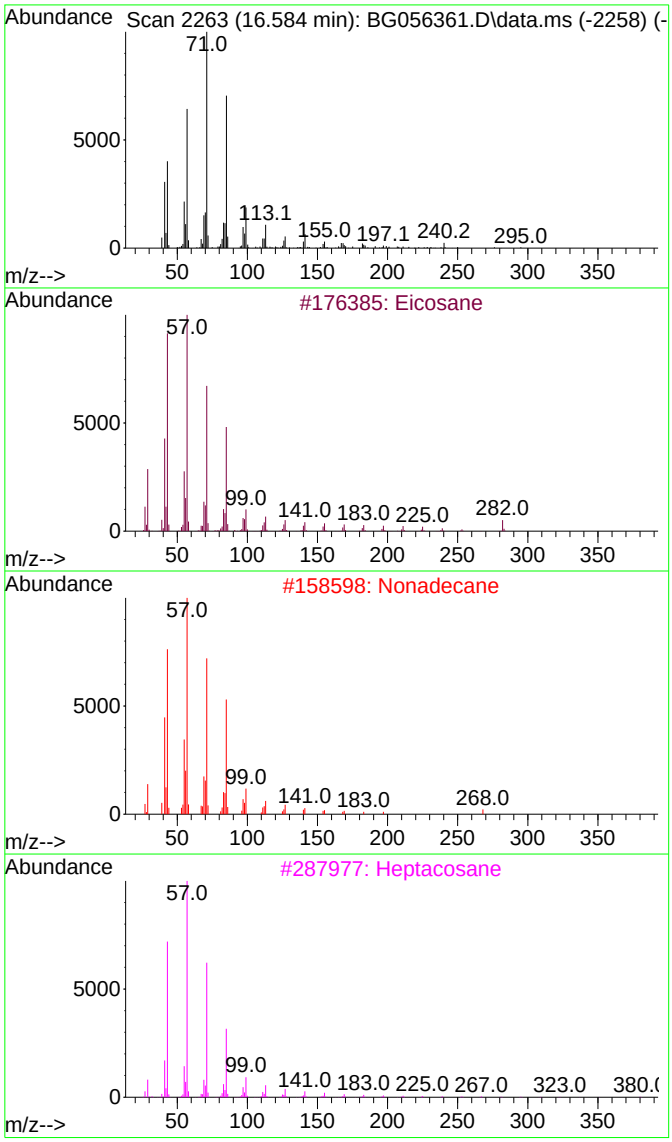
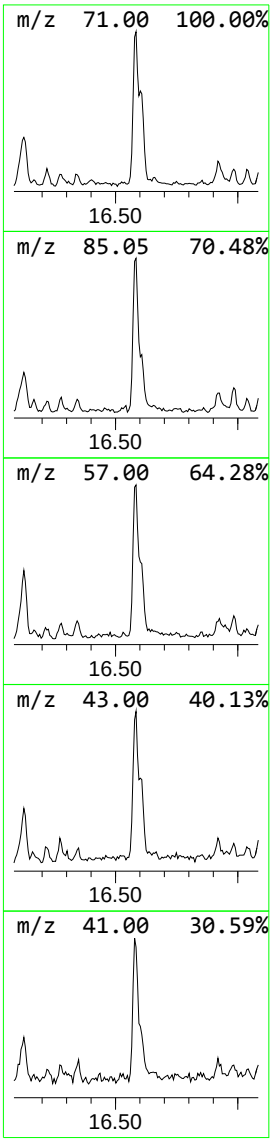
Peak Number 9 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.584	12.74 ng	433559	Phenanthrene-d10	17.659

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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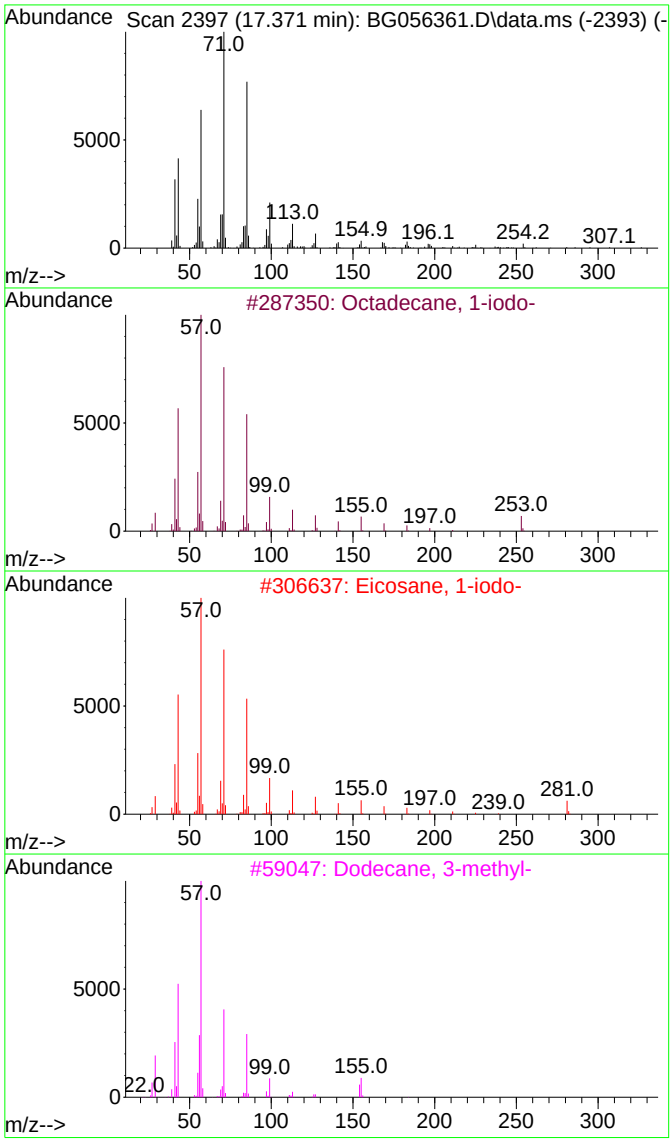
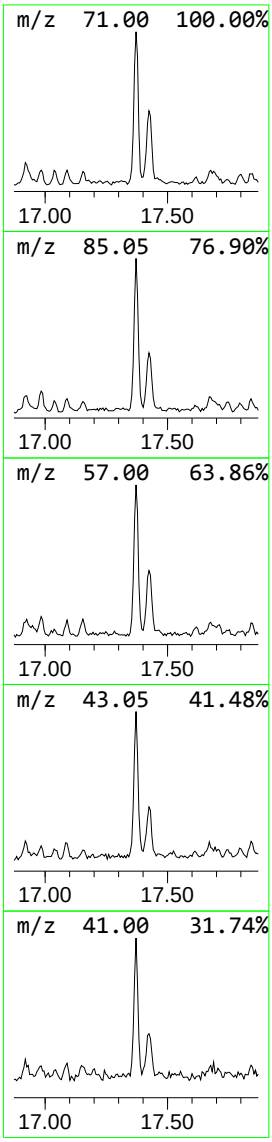
Peak Number 10 Octadecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.371	9.52 ng	324147	Phenanthrene-d10	17.659

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
2	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	80
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	78
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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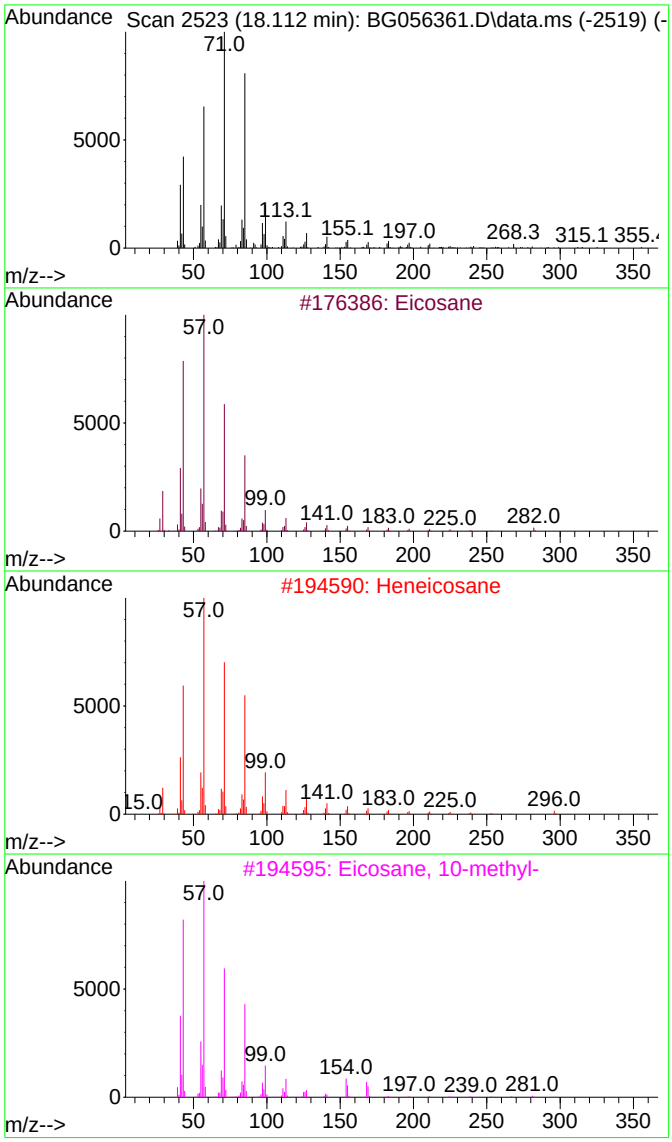
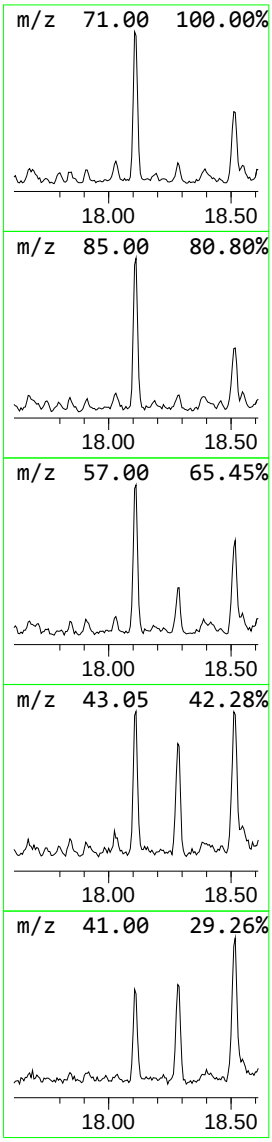
Peak Number 11 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.112	9.65 ng	328440	Phenanthrene-d10	17.659

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80





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ClientSampleId :
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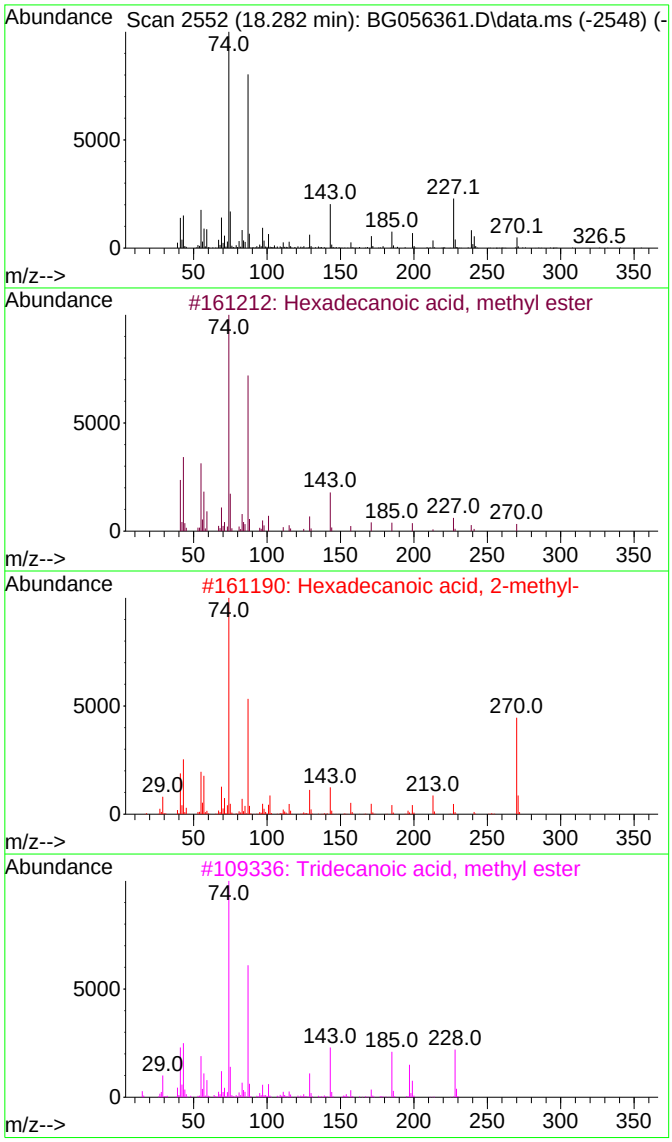
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

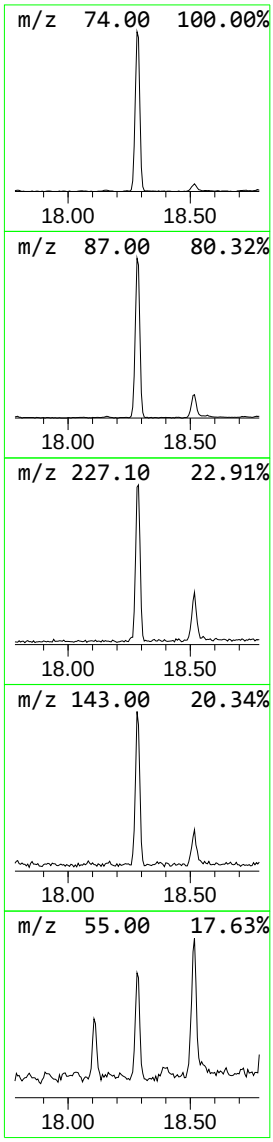
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.282	20.33 ng	691985	Phenanthrene-d10	17.659

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
2	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	74
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	64
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	62





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

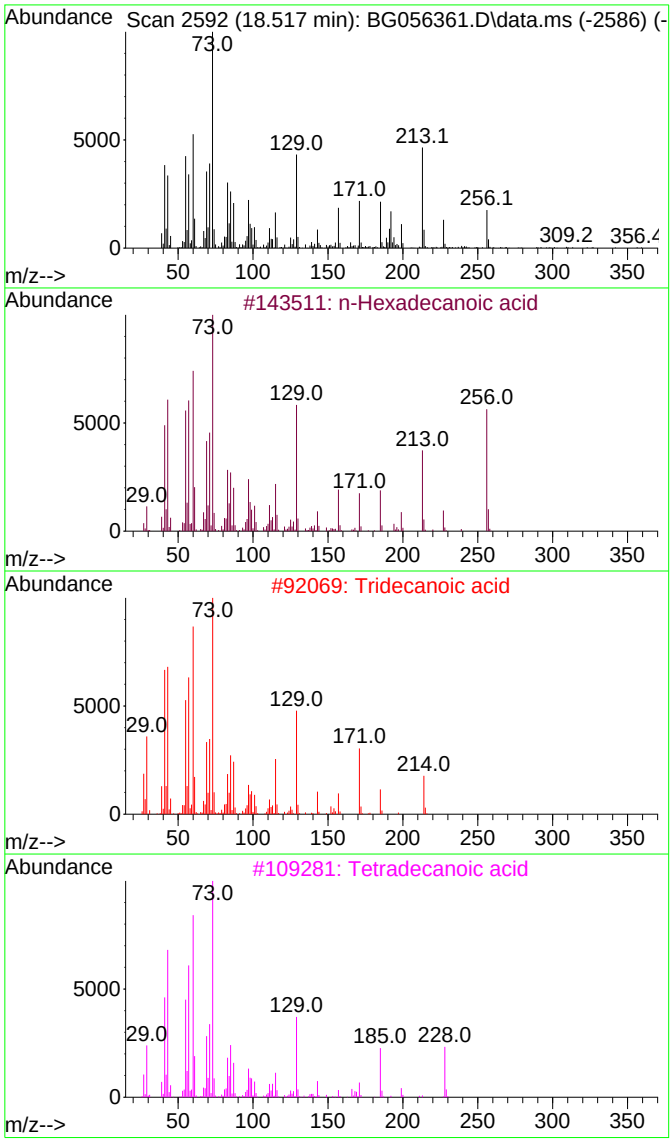
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

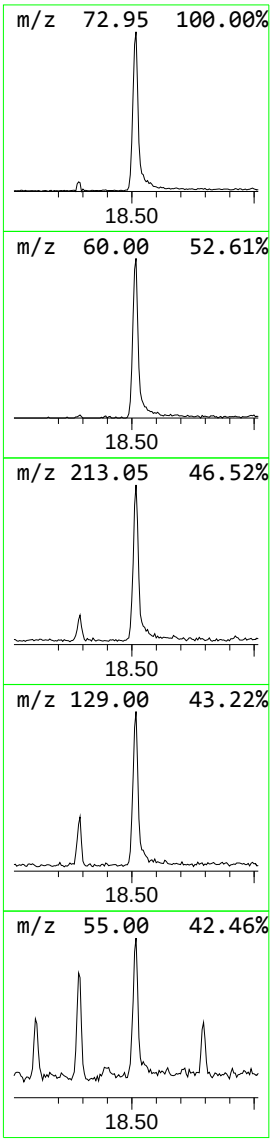
****

Peak Number 13 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.517	29.95 ng	1019560	Phenanthrene-d10	17.659

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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	47
5	Undecanoic acid	186	C11H22O2	000112-37-8	38





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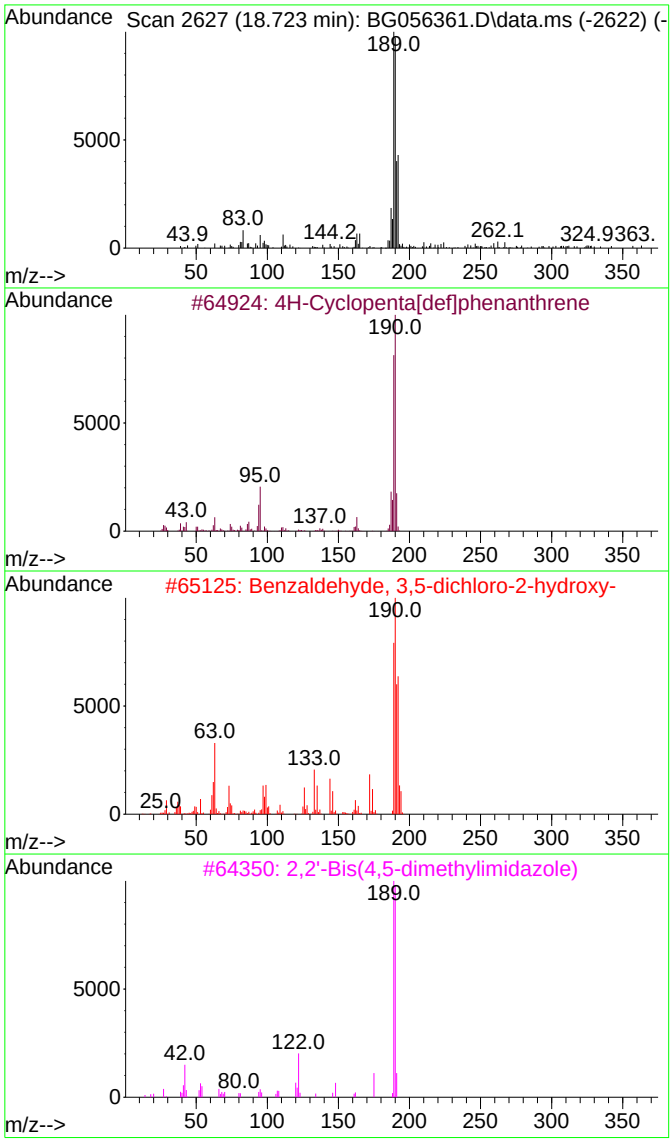
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

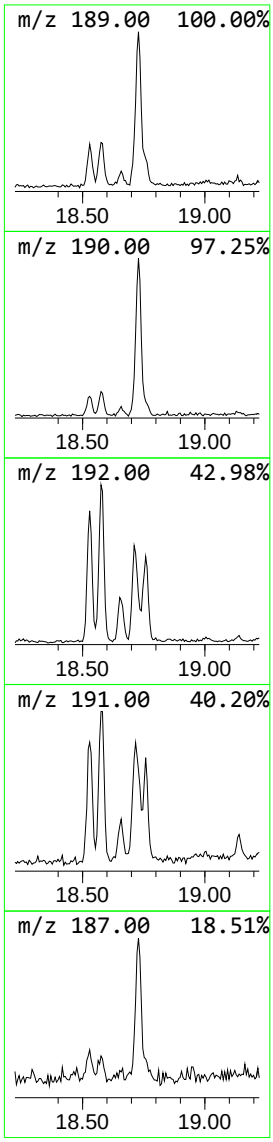
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.723	5.44 ng	185022	Phenanthrene-d10	17.659

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	36
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28
4	l-Alanine, n-pentafluoropropiony...	445	C21H36F5NO3	1000323-38-1	25
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	23





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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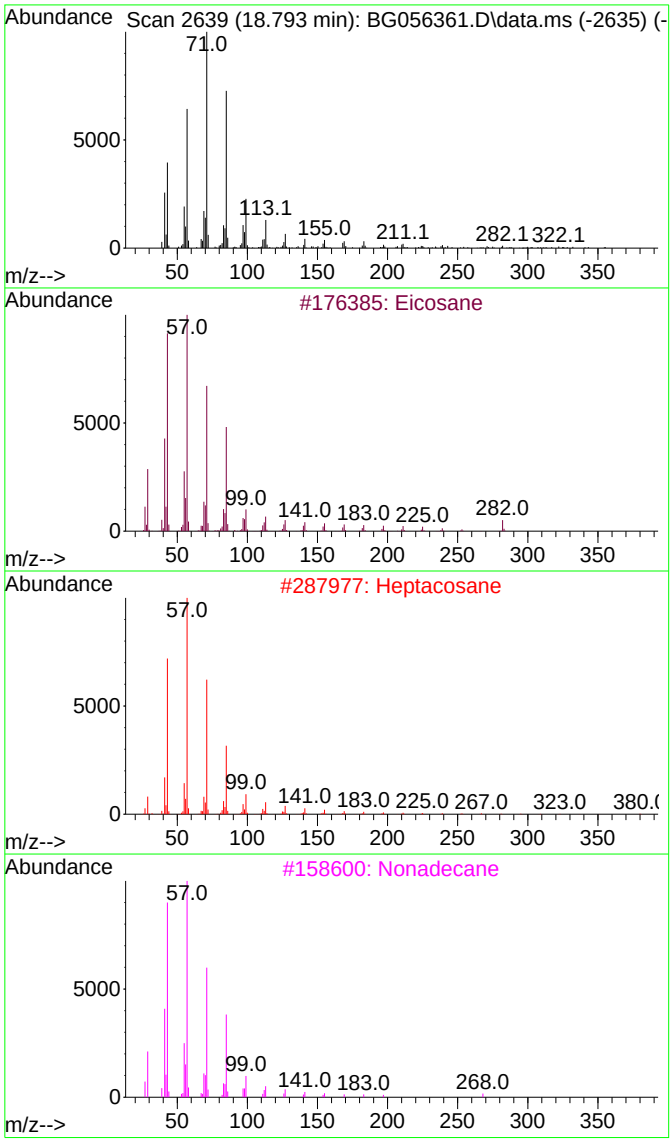
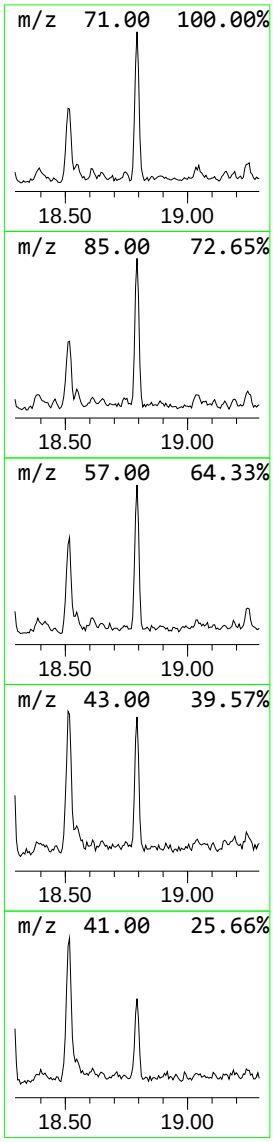
Peak Number 15 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.793	8.51 ng	289704	Phenanthrene-d10	17.659

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Heptacosane	380	C27H56	000593-49-7	87
3	Nonadecane	268	C19H40	000629-92-5	86
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	86
5	Octacosane	394	C28H58	000630-02-4	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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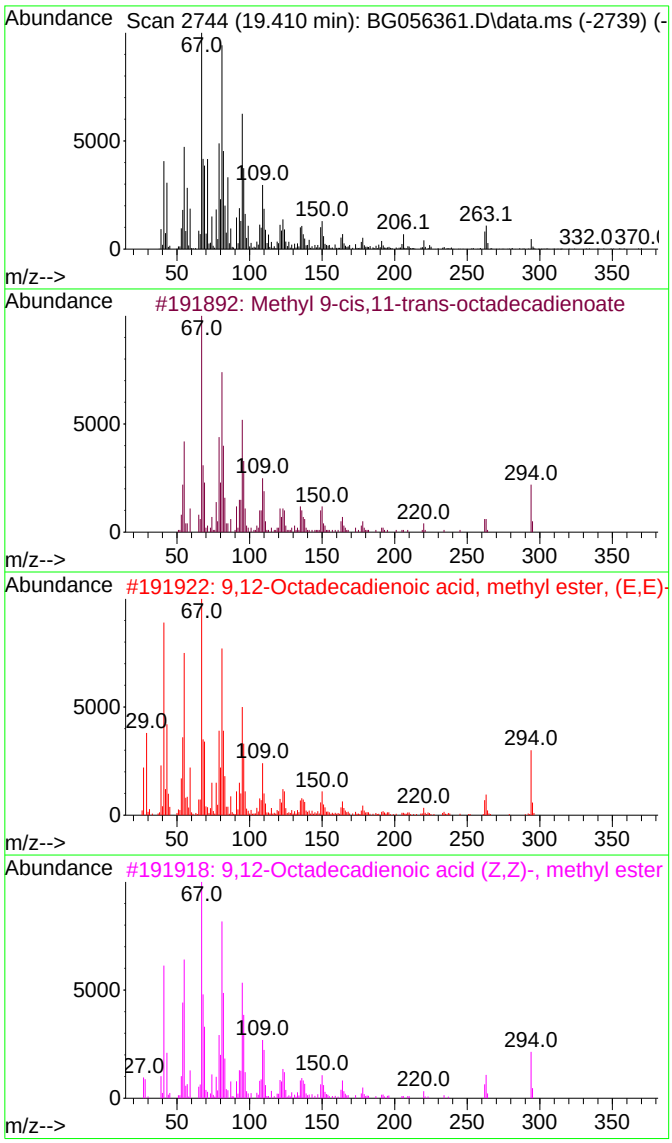
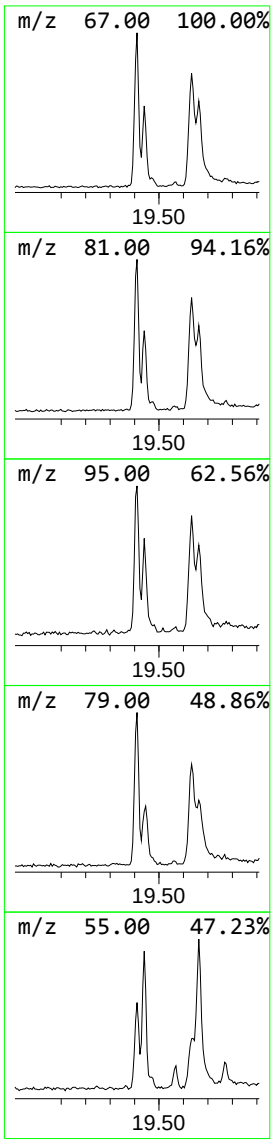
Peak Number 16 Methyl 9-cis,11-trans-octad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.410	39.64 ng	1349210	Phenanthrene-d10	17.659

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	97
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	94
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	93
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	91
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	91





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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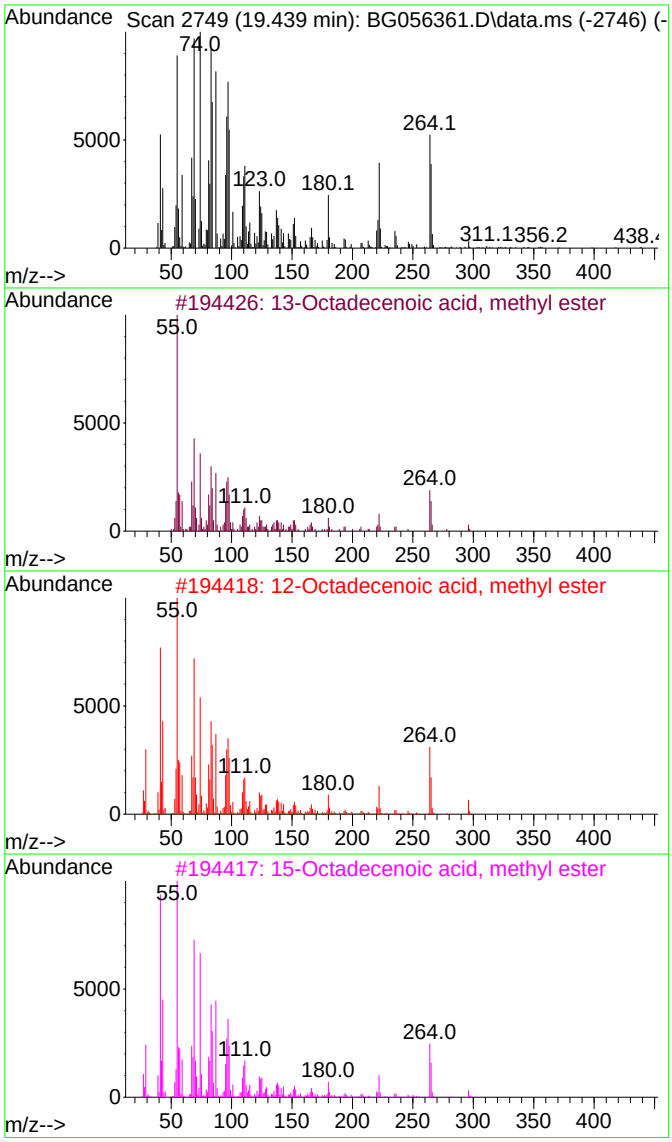
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

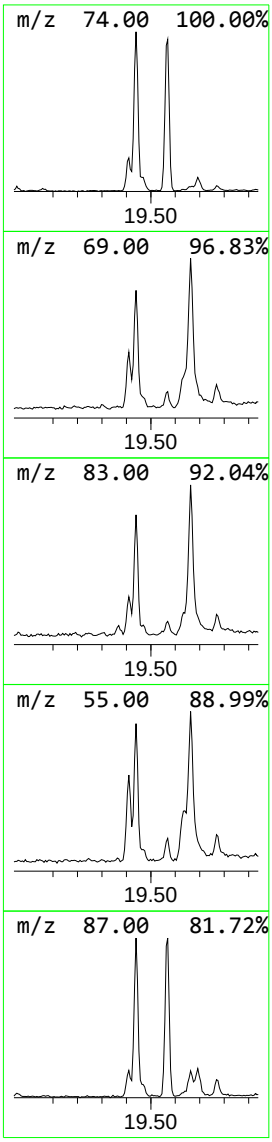
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 13-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.439	42.60 ng	1450120	Phenanthrene-d10	17.659

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011923\
Data File : BG056361.D
Acq On : 20 Jan 2023 00:36
Operator : CG/JU
Sample : 01198-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-011823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

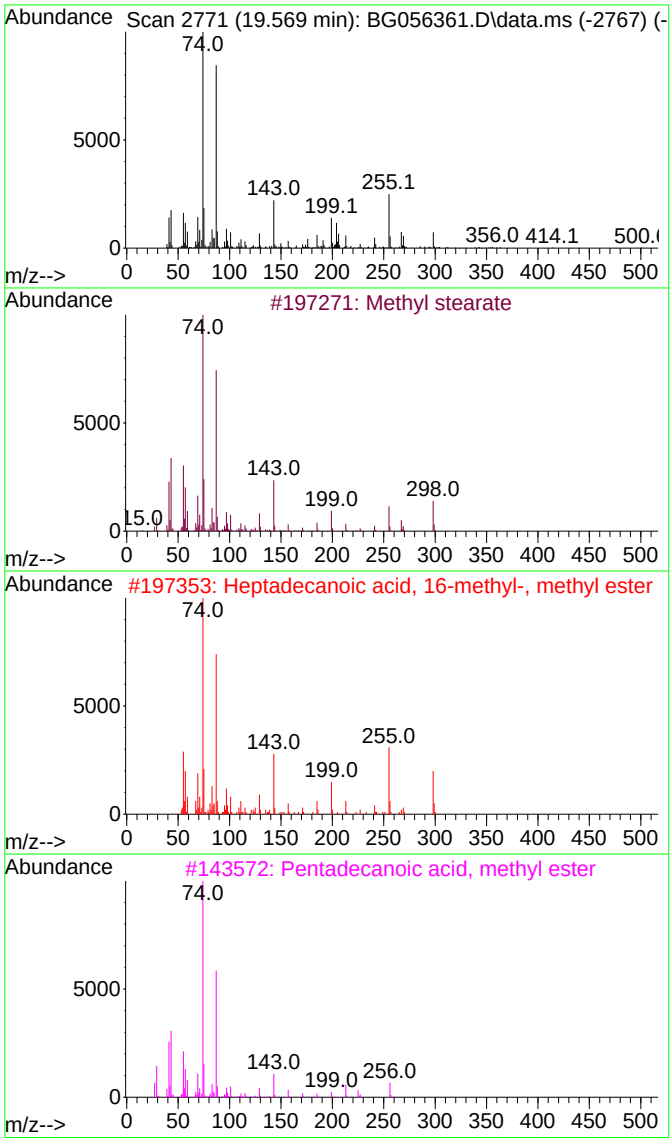
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

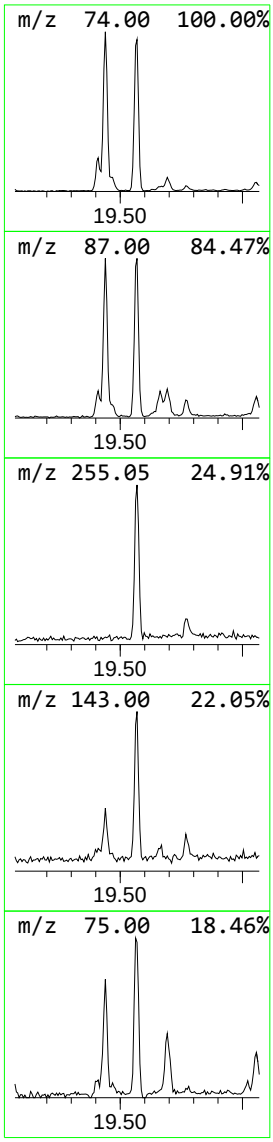
****

Peak Number 18 Methyl stearate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.569	11.69 ng	397871	Phenanthrene-d10	17.659

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	81
5	2-Methylpentadecanoic acid	256	C16H32O2	025354-92-1	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011923\
Data File : BG056361.D
Acq On : 20 Jan 2023 00:36
Operator : CG/JU
Sample : 01198-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-011823

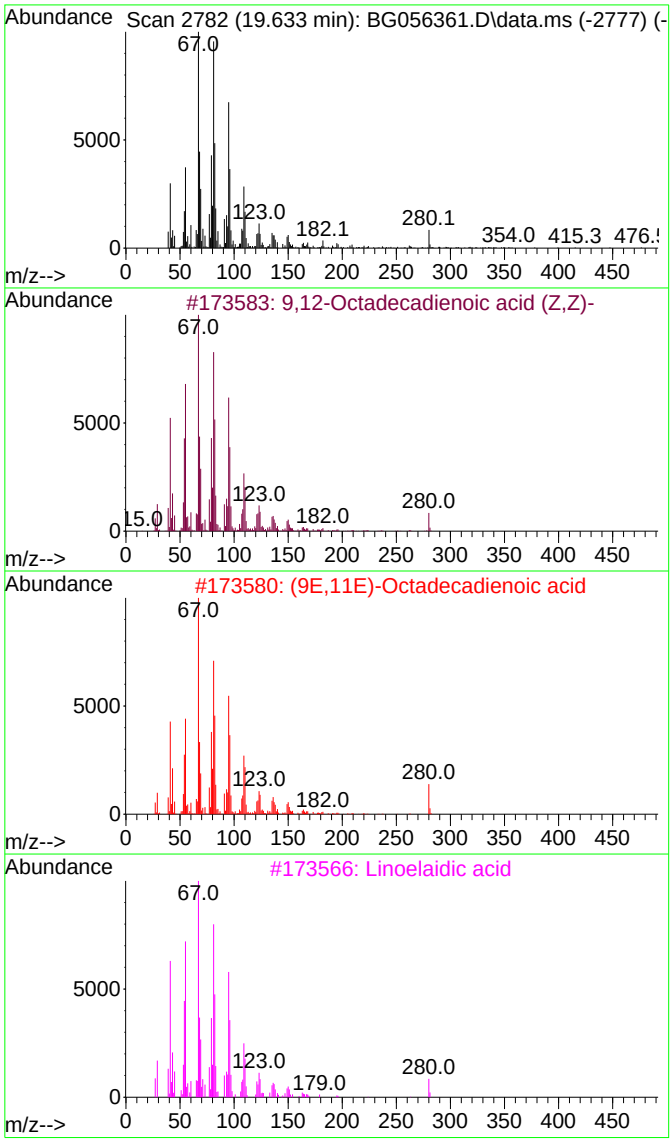
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

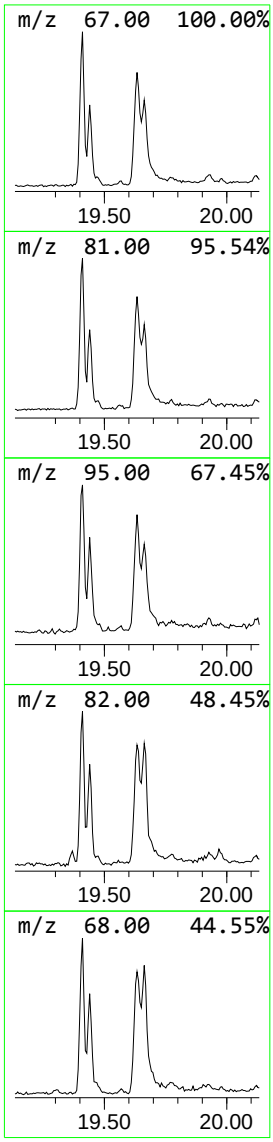
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 9,12-Octadecadienoic acid (... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.633	27.06 ng	921160	Phenanthrene-d10	17.659

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
2	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	90
3	Linoelaidic acid	280	C18H32O2	000506-21-8	83
4	6-Dodecyne	166	C12H22	006975-99-1	81
5	Isopropyl linoleate	322	C21H38O2	022882-95-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011923\
Data File : BG056361.D
Acq On : 20 Jan 2023 00:36
Operator : CG/JU
Sample : 01198-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-011823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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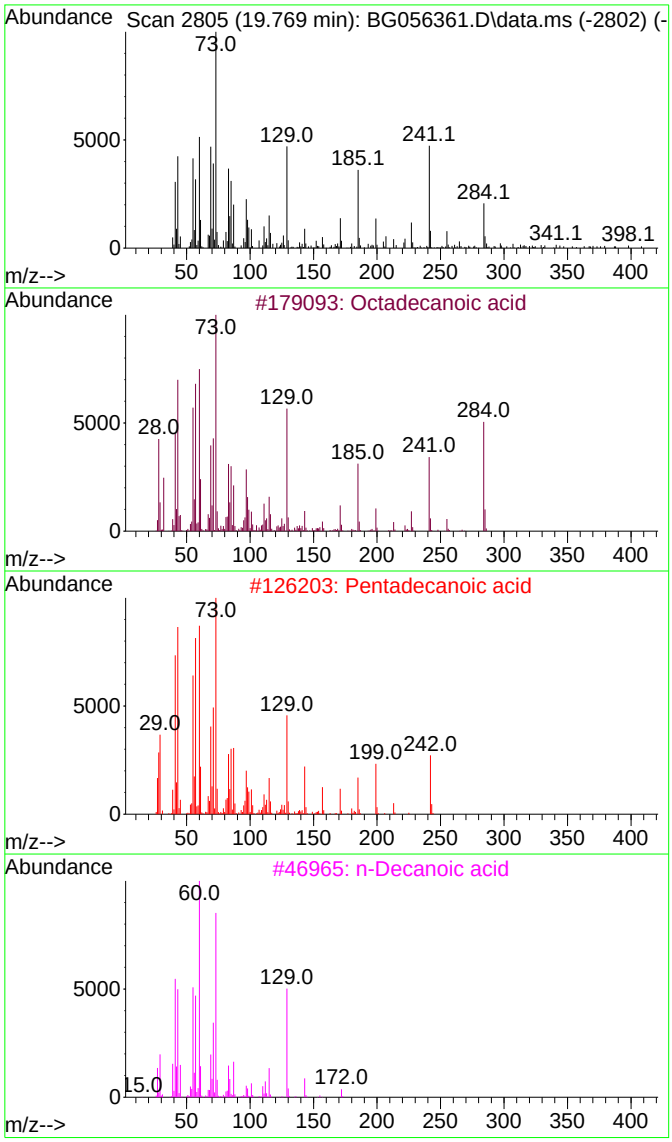
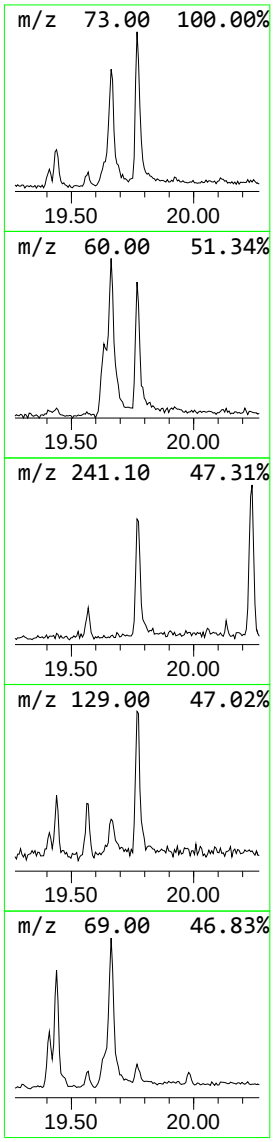
Peak Number 20 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.769	9.96 ng	338994	Phenanthrene-d10	17.659

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	n-Decanoic acid	172	C10H20O2	000334-48-5	53
4	Pentadecanoic acid, 15-bromo-	320	C15H29BrO2	056523-59-2	49
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011923\
Data File : BG056361.D
Acq On : 20 Jan 2023 00:36
Operator : CG/JU
Sample : 01198-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-011823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown3.317	3.317	10.0	ng	136732	1	8.311	274553	20.0
unknown5.344	5.344	12.6	ng	172671	1	8.311	274553	20.0
Tridecane	12.501	6.3	ng	121996	2	11.143	390017	20.0
Tetradecane	13.723	7.5	ng	207431	3	14.921	553914	20.0
Sulfurous acid,...	14.369	6.0	ng	165674	3	14.921	553914	20.0
Pentadecane	14.780	8.5	ng	235546	3	14.921	553914	20.0
Hexadecane	15.720	12.6	ng	347483	3	14.921	553914	20.0
5,5-Dibutylnonane	16.126	5.8	ng	161933	3	14.921	553914	20.0
Eicosane	16.584	12.7	ng	433559	4	17.659	680742	20.0
Octadecane, 1-i...	17.371	9.5	ng	324147	4	17.659	680742	20.0
Heneicosane	18.112	9.7	ng	328440	4	17.659	680742	20.0
Hexadecanoic ac...	18.282	20.3	ng	691985	4	17.659	680742	20.0
n-Hexadecanoic ...	18.517	29.9	ng	1019560	4	17.659	680742	20.0
4H-Cyclopenta[d...	18.723	5.4	ng	185022	4	17.659	680742	20.0
Heptacosane	18.793	8.5	ng	289704	4	17.659	680742	20.0
Methyl 9-cis,11...	19.410	39.6	ng	1349210	4	17.659	680742	20.0
13-Octadecenoic...	19.439	42.6	ng	1450120	4	17.659	680742	20.0
Methyl stearate	19.569	11.7	ng	397871	4	17.659	680742	20.0
9,12-Octadecadi...	19.633	27.1	ng	921160	4	17.659	680742	20.0
Octadecanoic acid	19.769	10.0	ng	338994	4	17.659	680742	20.0