LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056689.D
Acq On : 21 Feb 2023 18:13
Operator : CG/JU
Sample : 01587-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-02-02162023

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-BG021523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056689.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.470	320	329	335	rBV	59623	98867	9.13%	0.640%
2	5.946	402	410	418	rBV	149963	257238	23.76%	1.665%
3	7.556	677	684	696	rVB	164562	296887	27.42%	1.922%
4	8.437	827	834	842	rVB	98646	163013	15.06%	1.055%
5	9.607	1026	1033	1039	rBV	98740	182357	16.84%	1.181%
6	10.658	1207	1212	1218	rBV4	12903	22933	2.12%	0.148%
7	11.046	1272	1278	1283	rBV6	6217	15348	1.42%	0.099%
8	11.211	1301	1306	1310	rBV2	32090	52087	4.81%	0.337%
9	11.275	1311	1317	1323	rVB	122977	222587	20.56%	1.441%
10	11.399	1332	1338	1346	rVB4	20184	42313	3.91%	0.274%
11	11.481	1346	1352	1357	rBV7	8112	19240	1.78%	0.125%
12	11.734	1391	1395	1402	rVB6	13084	26729	2.47%	0.173%
13	11.851	1410	1415	1420	rBV5	6737	12421	1.15%	0.080%
14	11.957	1424	1433	1438	rBV10	20516	45098	4.17%	0.292%
15	12.086	1448	1455	1461	rVB6	15769	34124	3.15%	0.221%
16	12.168	1461	1469	1474	rBV8	15916	46396	4.29%	0.300%
17	12.245	1476	1482	1487	rVV2	24332	47066	4.35%	0.305%
18	12.298	1487	1491	1496	rVV5	12245	19899	1.84%	0.129%
19	12.356	1496	1501	1505	rVB5	10479	17638	1.63%	0.114%
20	12.439	1505	1515	1520	rBV3	37486	67820	6.26%	0.439%
21	12.633	1542	1548	1557	rBV	84251	134946	12.47%	0.874%
22	12.709	1557	1561	1566	rBV8	7339	16897	1.56%	0.109%
23	12.785	1568	1574	1577	rVV6	14626	23936	2.21%	0.155%
24	12.850	1582	1585	1590	rVV6	16625	27147	2.51%	0.176%
25	12.897	1590	1593	1598	rVB6	9678	14327	1.32%	0.093%
26	12.985	1603	1608	1613	rBV8	9308	17891	1.65%	0.116%
27	13.138	1629	1634	1639	rBV4	33852	53108	4.91%	0.344%
28	13.420	1673	1682	1689	rVB6	24506	73141	6.76%	0.474%
29	13.508	1693	1697	1700	rBV2	20470	25457	2.35%	0.165%
30	13.561	1700	1706	1710	rBV4	39960	64613	5.97%	0.418%
31	13.596	1710	1712	1718	rVB3	15061	18276	1.69%	0.118%
32	13.667	1718	1724	1730	rBV	255589	388478	35.88%	2.515%
33	13.755	1735	1739	1744	rBV7	13303	22203	2.05%	0.144%
34	13.843	1748	1754	1759	rBV	147600	213273	19.70%	1.381%
35	13.984	1774	1778	1783	rVB3	32964	54060	4.99%	0.350%
36	14.201	1812	1815	1818	rBV5	18364	24877	2.30%	0.161%

LSC Area Percent Report

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Operator : CG/JU
Sample : 01587-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-02-02162023

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-BG021523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.319	1830	1835	1838	rBV6	23965	44555	4.12%	0.288%
38	14.360	1838	1842	1846	rVV5	37936	70107	6.48%	0.454%
39	14.407	1846	1850	1855	rVV8	36302	63433	5.86%	0.411%
40	14.489	1856	1864	1868	rVV4	75713	156625	14.47%	1.014%
41	14.536	1868	1872	1877	rVV4	40980	75939	7.01%	0.492%
42	14.607	1878	1884	1890	rVB3	42735	70046	6.47%	0.454%
43	14.771	1907	1912	1913	rBV5	13607	20157	1.86%	0.131%
44	14.842	1920	1924	1928	rBV6	12676	26293	2.43%	0.170%
45	14.900	1929	1934	1939	rVB	195927	257345	23.77%	1.666%
46	14.977	1942	1947	1948	rBV5	13448	18145	1.68%	0.117%
47	15.041	1953	1958	1965	rVV	185393	297096	27.44%	1.924%
48	15.100	1965	1968	1972	rVV4	19476	26840	2.48%	0.174%
49	15.241	1987	1992	2001	rBV4	18440	40851	3.77%	0.264%
50	15.335	2005	2008	2009	rBV2	18141	18291	1.69%	0.118%
51	15.394	2014	2018	2021	rBV5	21874	32683	3.02%	0.212%
52	15.506	2032	2037	2046	rBV5	48294	112761	10.42%	0.730%
53	15.582	2046	2050	2055	rVB4	28450	42173	3.90%	0.273%
54	15.647	2056	2061	2065	rBV7	28271	55347	5.11%	0.358%
55	15.841	2089	2094	2099	rVB	204581	267788	24.74%	1.734%
56	15.952	2109	2113	2116	rBV5	13631	26592	2.46%	0.172%
57	16.081	2132	2135	2139	rVB4	17260	23964	2.21%	0.155%
58	16.246	2154	2163	2167	rBV	82759	181331	16.75%	1.174%
59	16.334	2175	2178	2182	rBV3	25700	41449	3.83%	0.268%
60	16.463	2196	2200	2204	rBV4	32700	45270	4.18%	0.293%
61	16.516	2204	2209	2215	rVV	175942	264593	24.44%	1.713%
62	16.698	2235	2240	2243	rBV	212337	303790	28.06%	1.967%
63	17.039	2295	2298	2302	rBV3	26027	39277	3.63%	0.254%
64	17.204	2323	2326	2333	rVB4	31277	46857	4.33%	0.303%
65	17.268	2333	2337	2341	rBV4	26682	48852	4.51%	0.316%
66	17.492	2370	2375	2379	rBV	181098	225608	20.84%	1.461%
67	17.544	2379	2384	2388	rVB	75774	104562	9.66%	0.677%
68	17.779	2418	2424	2427	rBV	198406	328914	30.38%	2.130%
69	17.821	2427	2431	2436	rVB	248478	367289	33.93%	2.378%
70	17.909	2442	2446	2451	rBV	60068	92767	8.57%	0.601%
71	17.967	2452	2456	2462	rVB3	38000	66006	6.10%	0.427%
72	18.038	2464	2468	2473	rBV7	17322	32671	3.02%	0.212%
73	18.167	2484	2490	2495	rBV2	38952	74748	6.90%	0.484%
74	18.226	2496	2500	2505	rVV	170097	216630	20.01%	1.403%
75	18.279	2506	2509	2515	rVB6	23575	32670	3.02%	0.212%
76	18.396	2525	2529	2534	rVB	368514	473986	43.78%	3.069%

LSC Area Percent Report

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Integration Parameters: rteint.p
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.502	2542	2547	2551	rBV8	27974	58443	5.40%	0.378%
78	18.620	2562	2567	2574	rBV3	164164	291320	26.91%	1.886%
79	18.690	2576	2579	2583	rVB	58247	82332	7.61%	0.533%
80	18.767	2589	2592	2597	rVB3	42009	57588	5.32%	0.373%
81	18.837	2599	2604	2608	rVV2	69546	145398	13.43%	0.941%
82	18.908	2612	2616	2620	rVV	145026	166850	15.41%	1.080%
83	19.125	2650	2653	2656	rBV	25332	33258	3.07%	0.215%
84	19.360	2690	2693	2698	rVB3	33034	51626	4.77%	0.334%
85	19.519	2716	2720	2723	rBV2	630327	897851	82.94%	5.813%
86	19.548	2723	2725	2736	rVB	838632	1082566	100.00%	7.009%
87	19.677	2743	2747	2752	rBV2	202329	259019	23.93%	1.677%
88	19.730	2752	2756	2758	rBV3	100957	140552	12.98%	0.910%
89	19.759	2758	2761	2764	rVV	242063	332777	30.74%	2.155%
90	19.806	2764	2769	2774	rVV	706150	1033921	95.51%	6.694%
91	19.865	2777	2779	2787	rVB3	55680	96485	8.91%	0.625%
92	20.094	2815	2818	2820	rBV	73316	77635	7.17%	0.503%
93	20.130	2820	2824	2826	rVV2	102982	160761	14.85%	1.041%
94	20.165	2826	2830	2836	rVB	554839	766998	70.85%	4.966%
95	20.230	2837	2841	2844	rBV	45406	62216	5.75%	0.403%
96	20.341	2856	2860	2865	rVB	388777	485268	44.83%	3.142%
97	20.617	2904	2907	2909	rBV	87083	105546	9.75%	0.683%
98	20.747	2925	2929	2933	rBV	70969	108041	9.98%	0.700%
99	22.080	3150	3156	3163	rBV2	316245	859294	79.38%	5.563%
100	22.145	3164	3167	3178	rVB	264461	492643	45.51%	3.190%

Sum of corrected areas: 15445380

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056689.D
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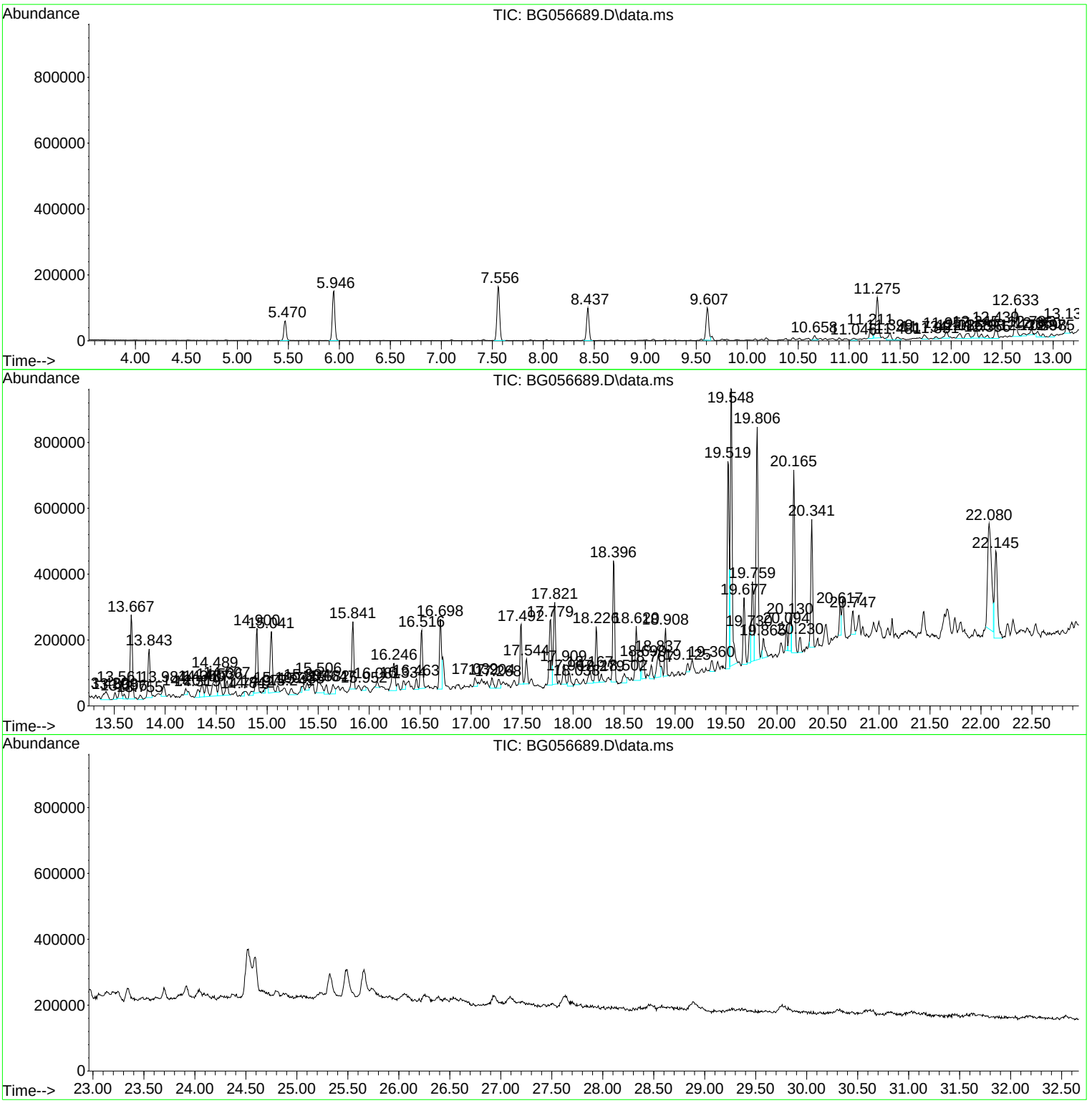
Operator : CG/JU
Sample : 01587-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-02-02162023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.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\BG022123\
Data File : BG056689.D
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Sample : 01587-01 2X
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Instrument :
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ClientSampleId :
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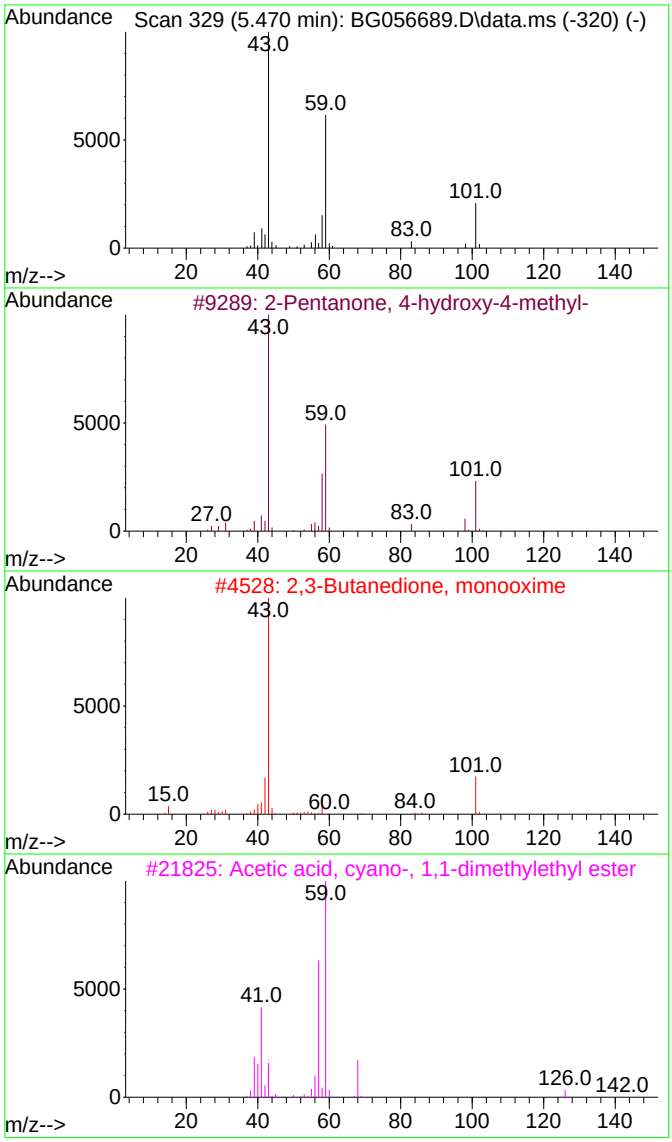
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

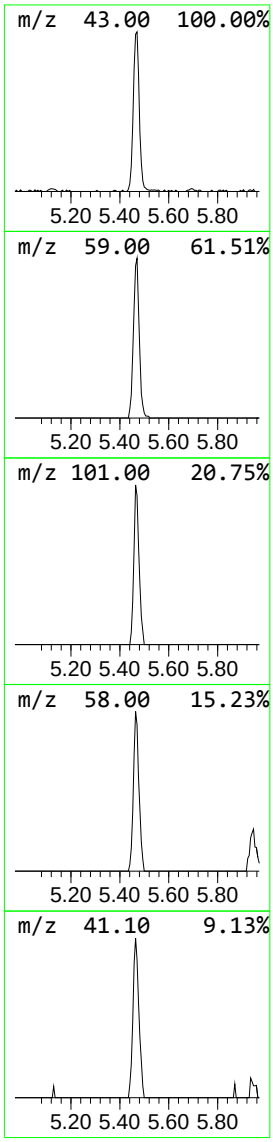
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.470	12.13 ng	98867	1,4-Dichlorobenzene-d4	8.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butane	58	C4H10	000106-97-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056689.D
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Sample : 01587-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

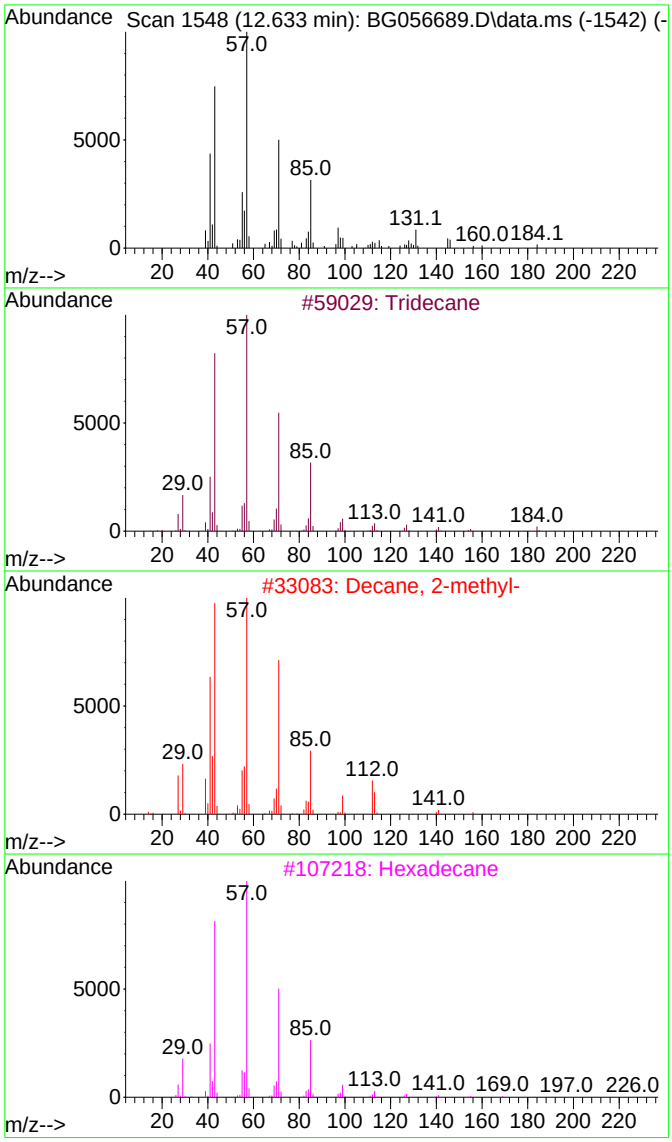
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

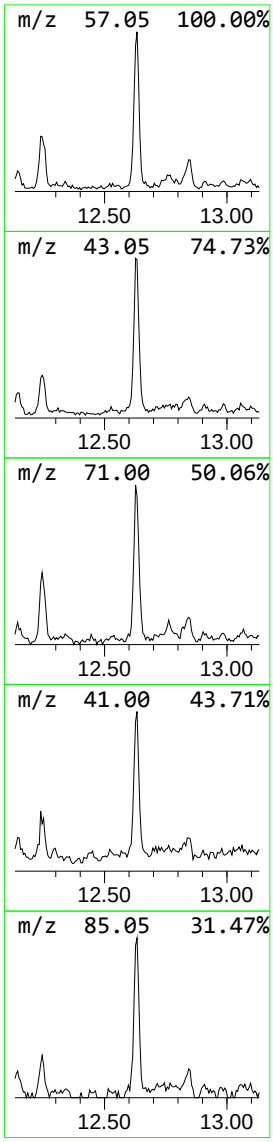
****

Peak Number 2 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.633	12.13 ng	134946	Naphthalene-d8	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	70
2	Decane, 2-methyl-	156	C11H24	006975-98-0	58
3	Hexadecane	226	C16H34	000544-76-3	58
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53
5	Dodecane	170	C12H26	000112-40-3	53





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

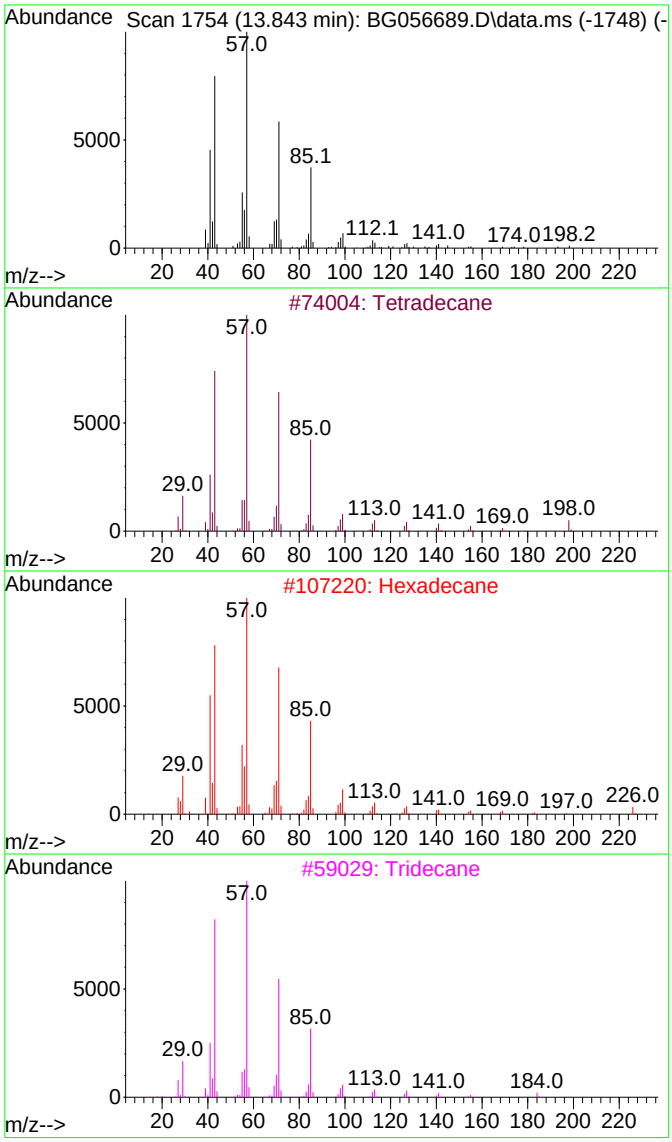
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

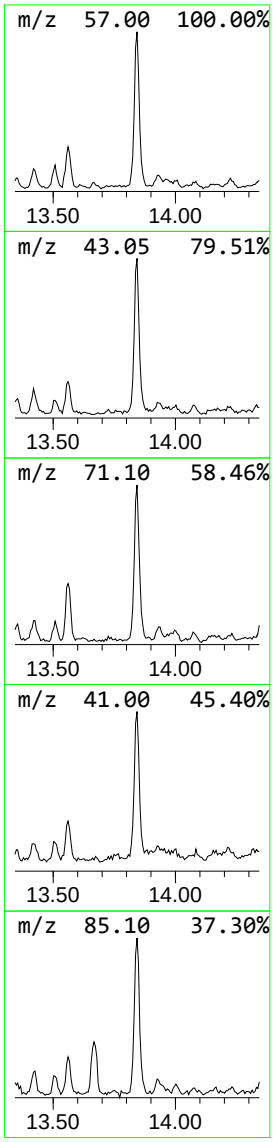
****

Peak Number 3 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.843	14.36 ng	213273	Acenaphthene-d10	15.041

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	86
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	86





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

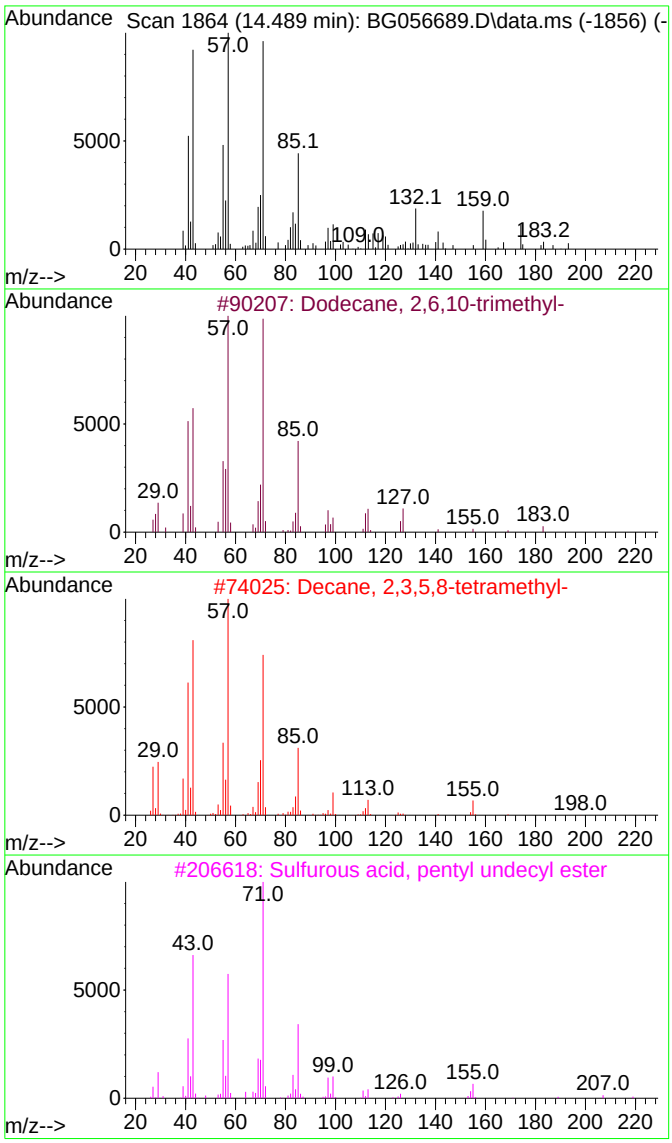
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

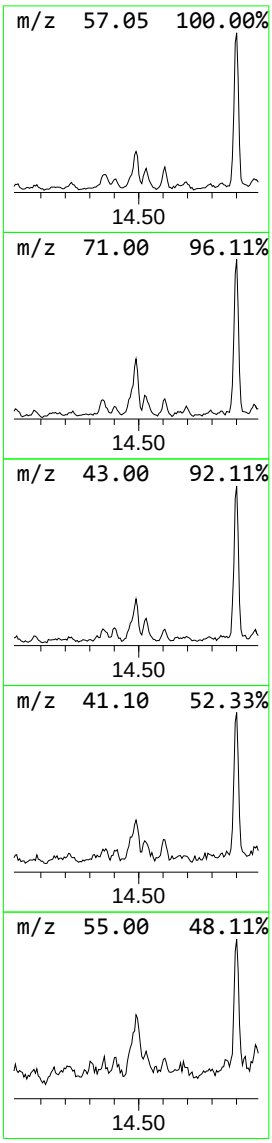
****

Peak Number 4 Dodecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.489	10.54 ng	156625	Acenaphthene-d10	15.041

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	64
3	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	64
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
5	Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	58





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Data File : BG056689.D
Acq On : 21 Feb 2023 18:13
Operator : CG/JU
Sample : 01587-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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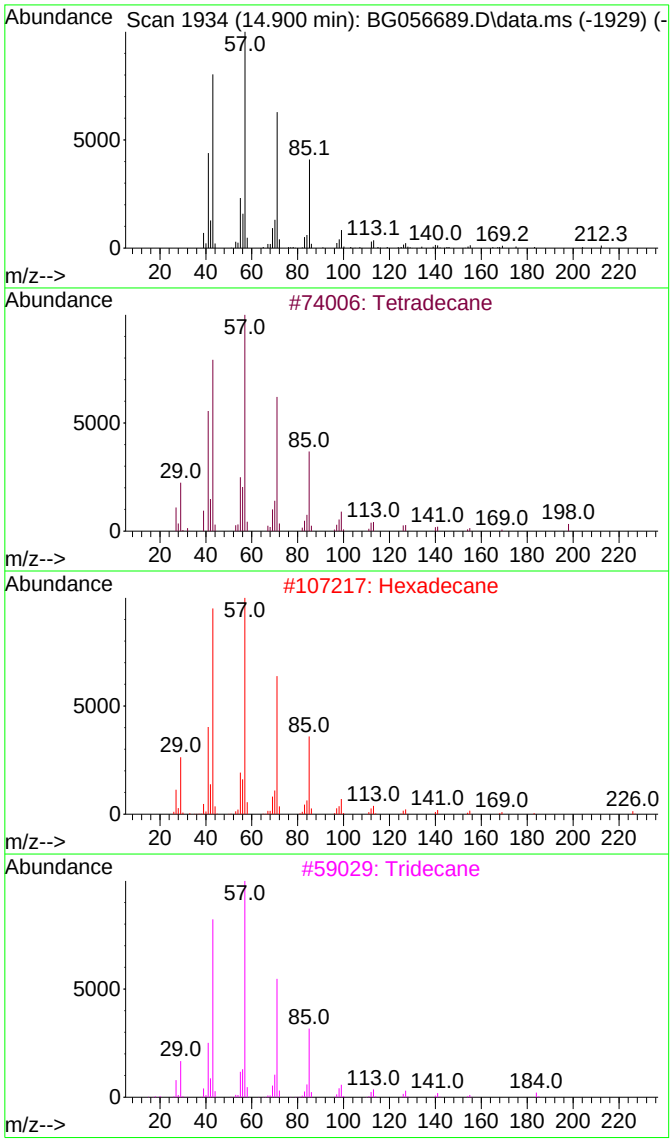
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

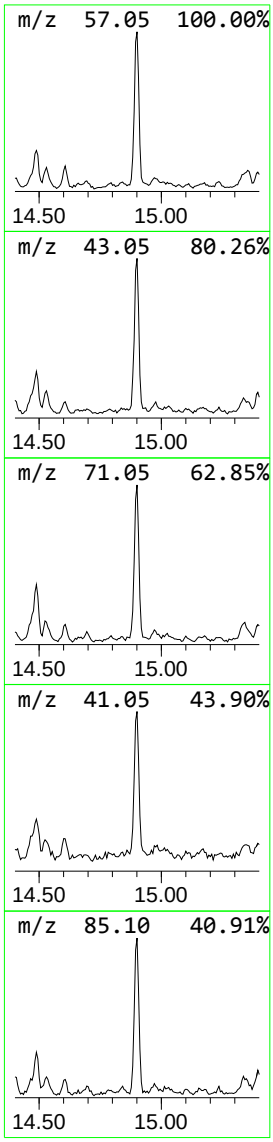
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Carbonic acid, eicosyl viny... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.900	17.32 ng	257345	Acenaphthene-d10	15.041

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	64





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Acq On : 21 Feb 2023 18:13
Operator : CG/JU
Sample : 01587-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-02-02162023

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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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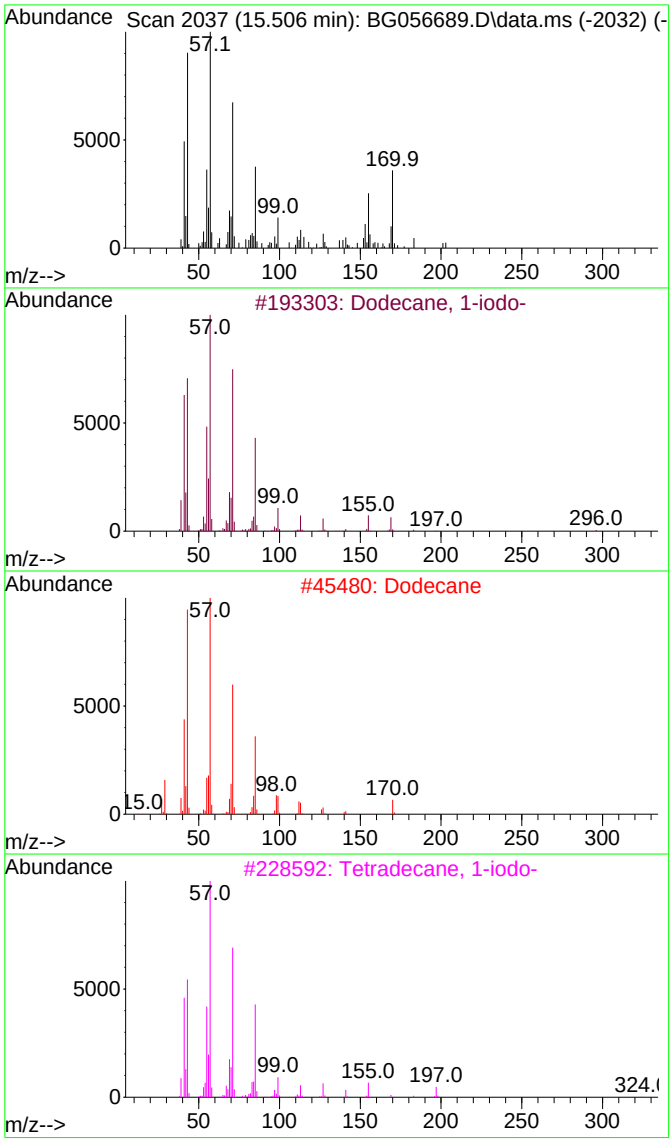
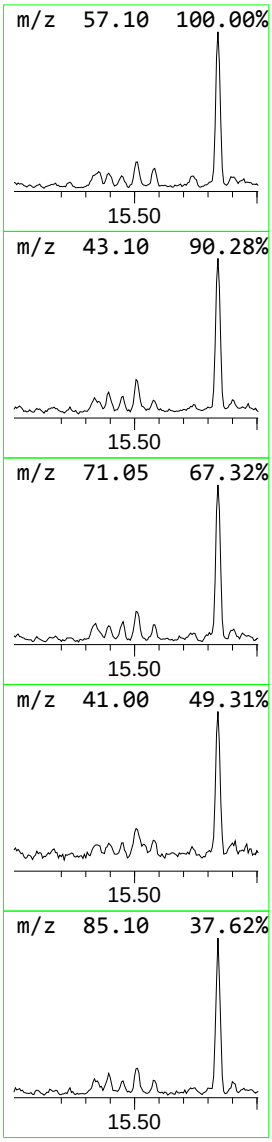
Peak Number 6 Dodecane, 1-iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.506	7.59 ng	112761	Acenaphthene-d10	15.041

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
2	Dodecane	170	C12H26	000112-40-3	64
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	60
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	58
5	Undecane	156	C11H24	001120-21-4	55





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Sample : 01587-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-02-02162023

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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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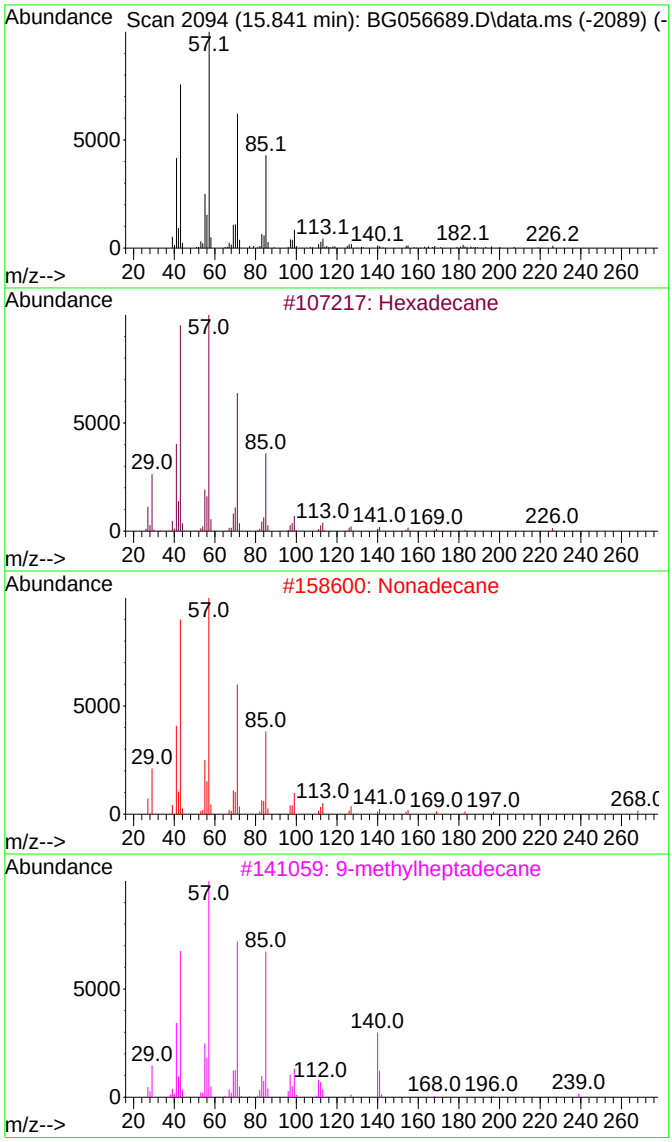
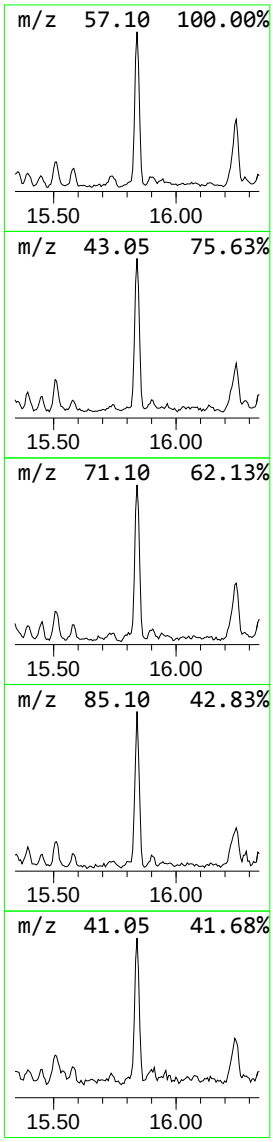
Peak Number 7 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.841	18.03 ng	267788	Acenaphthene-d10	15.041

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Nonadecane	268	C19H40	000629-92-5	90
3	9-methylheptadecane	254	C18H38	026741-18-4	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	83





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-02-02162023

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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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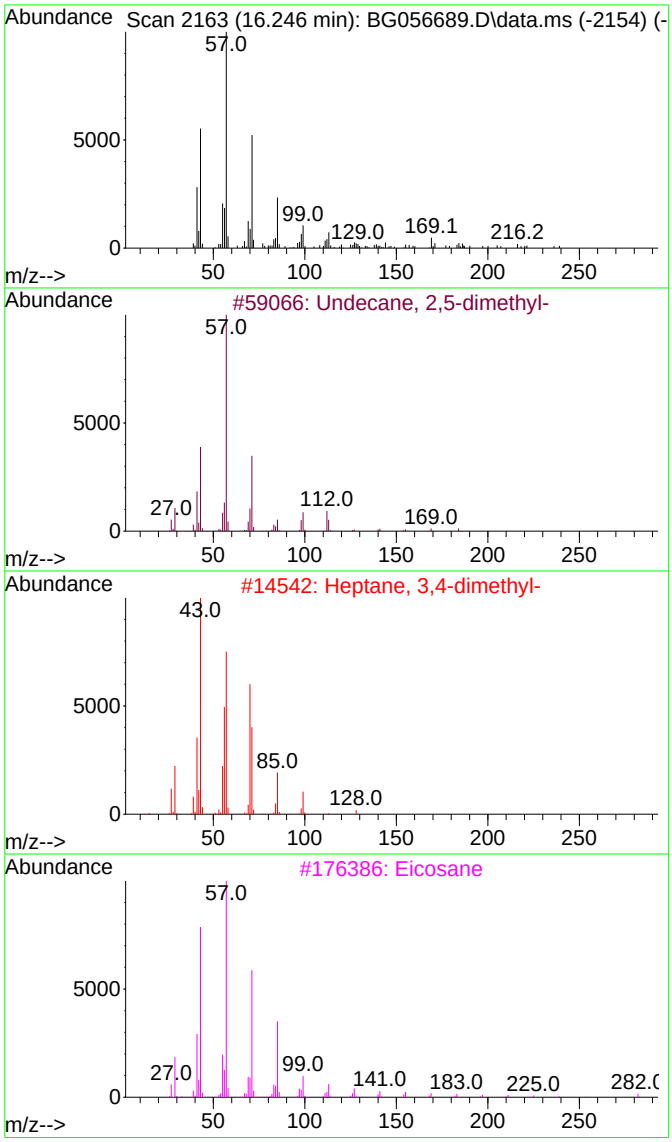
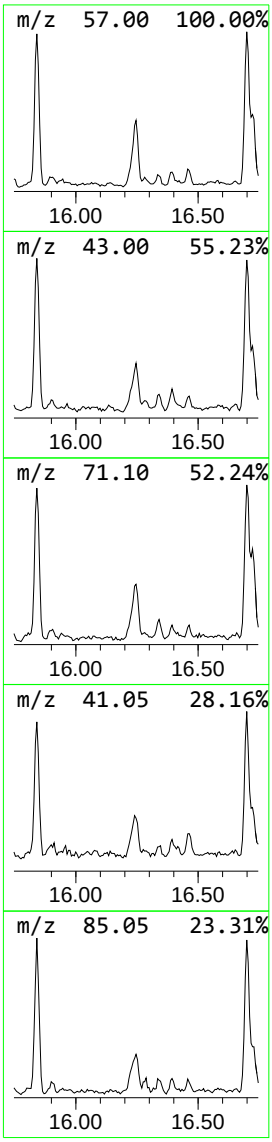
Peak Number 8 Undecane, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.246	12.21 ng	181331	Acenaphthene-d10	15.041

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
2	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	72
3	Eicosane	282	C20H42	000112-95-8	72
4	Tridecane	184	C13H28	000629-50-5	72
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





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Operator : CG/JU
Sample : 01587-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-02-02162023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.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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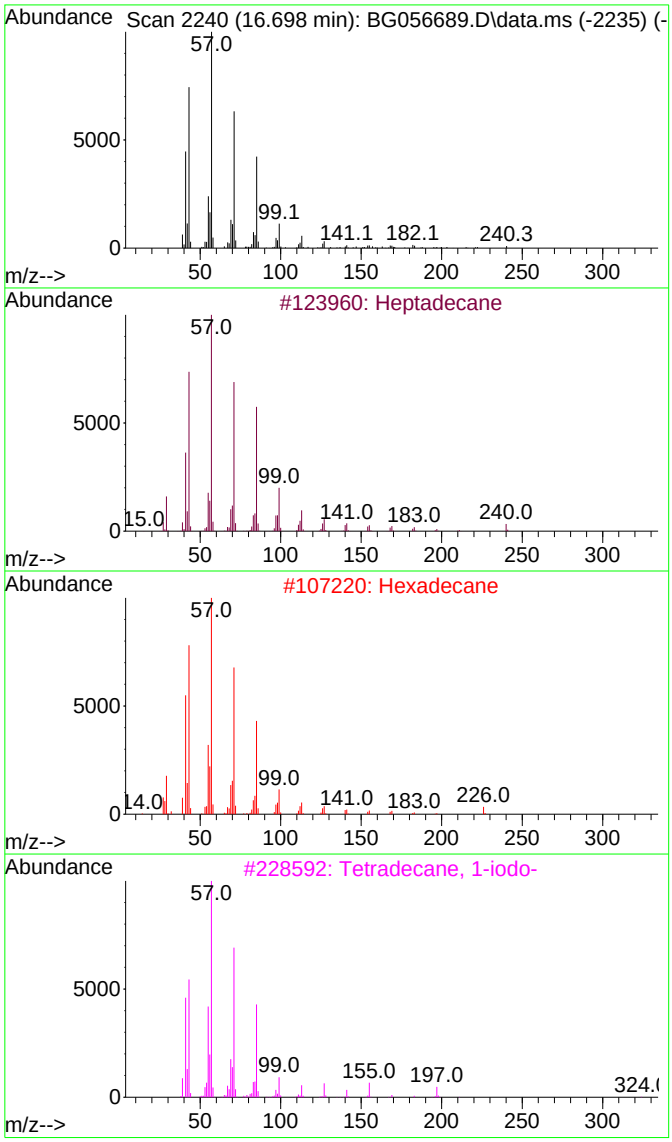
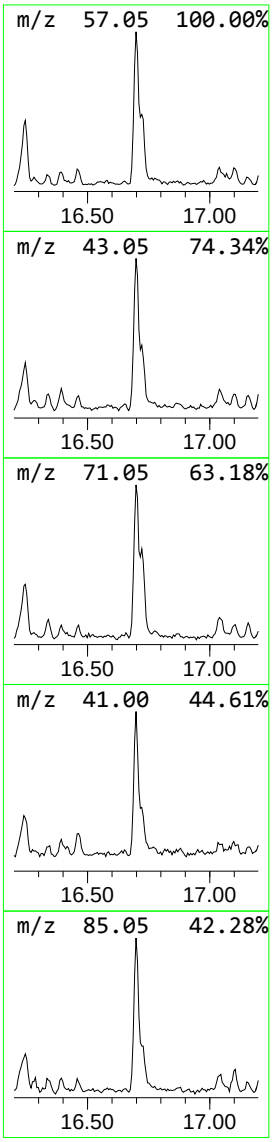
Peak Number 9 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.698	18.47 ng	303790	Phenanthrene-d10	17.779

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Heptacosane	380	C27H56	000593-49-7	90





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Acq On : 21 Feb 2023 18:13
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-02-02162023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.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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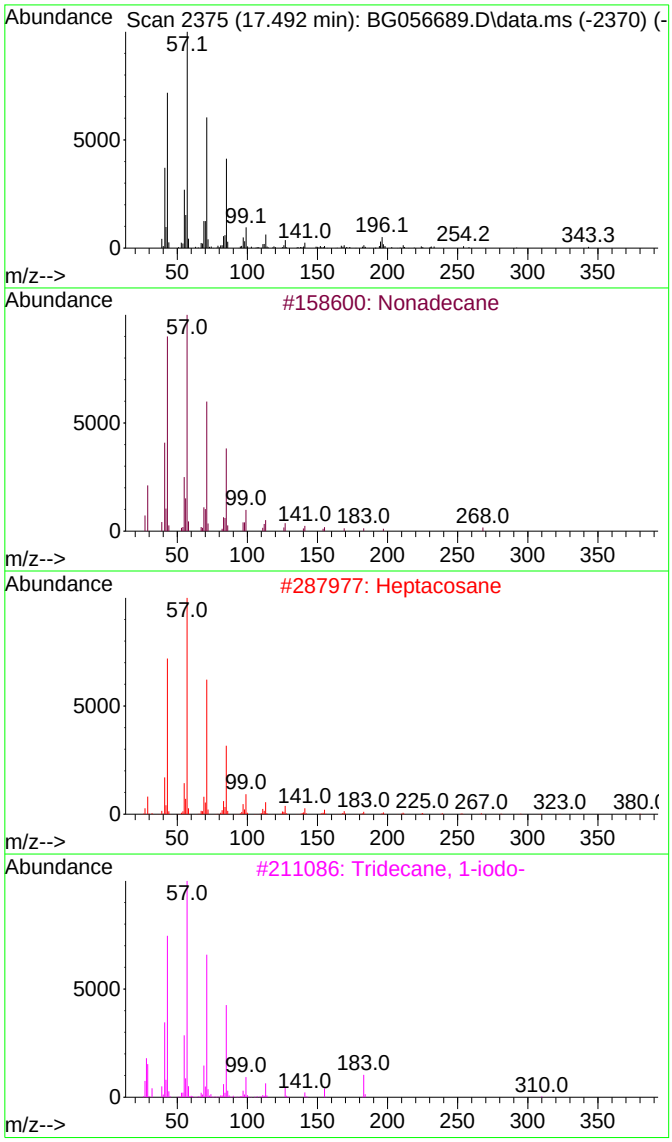
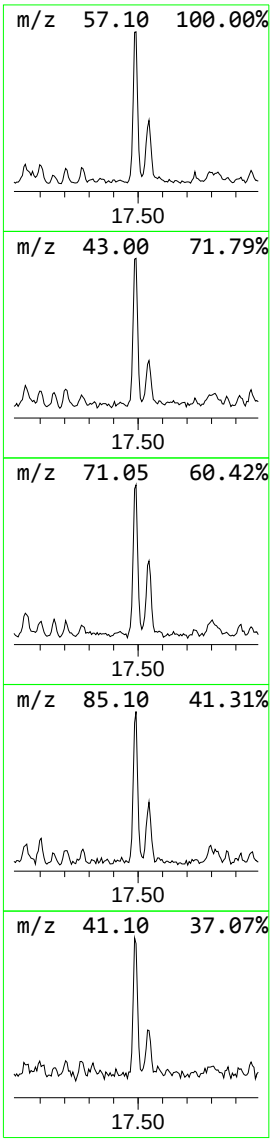
Peak Number 10 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.492	13.72 ng	225608	Phenanthrene-d10	17.779

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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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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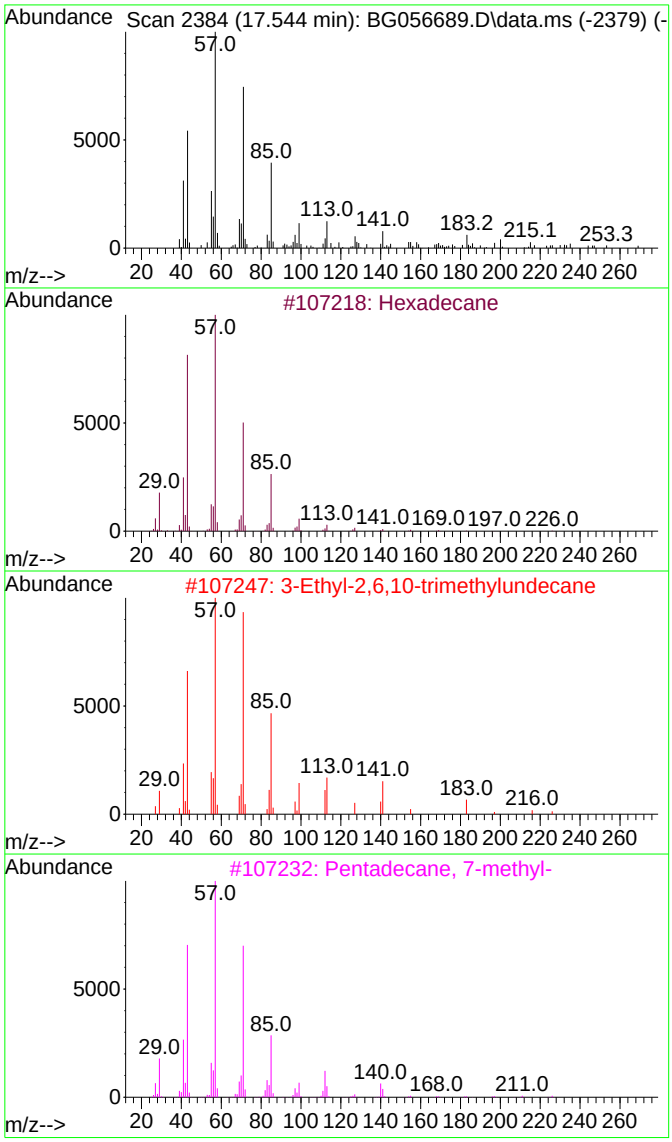
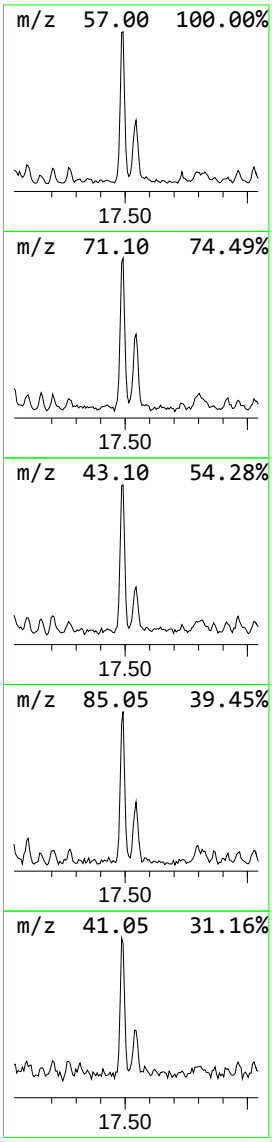
Peak Number 11 3-Ethyl-2,6,10-trimethylund... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.544	6.36 ng	104562	Phenanthrene-d10	17.779

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	91
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Tridecane	184	C13H28	000629-50-5	87





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Operator : CG/JU
Sample : 01587-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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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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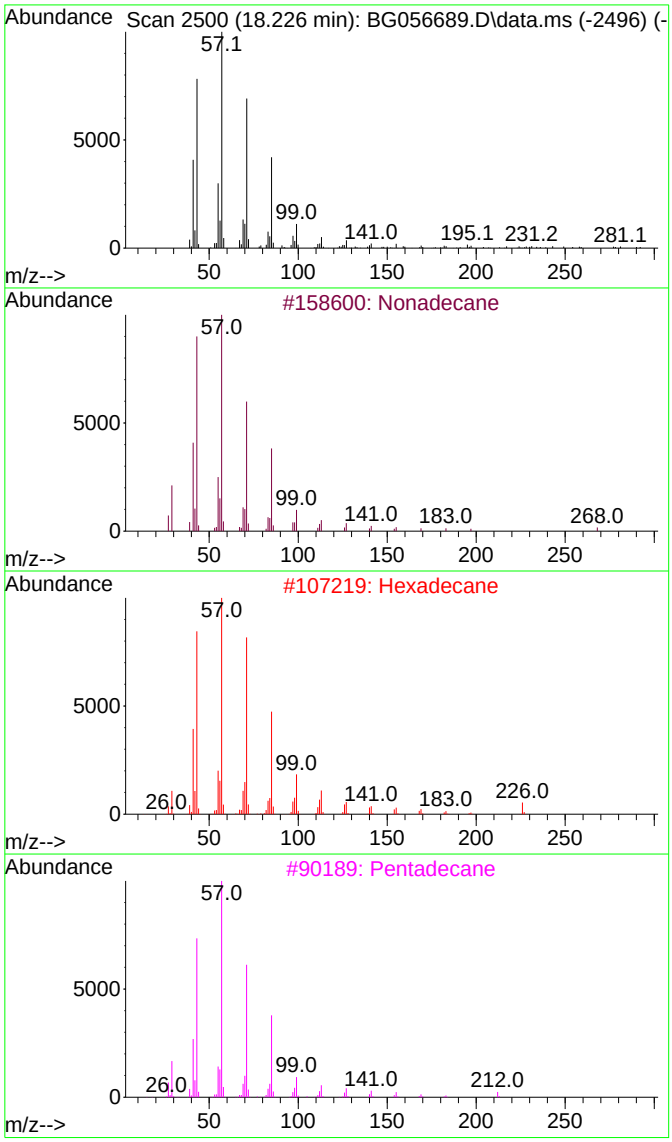
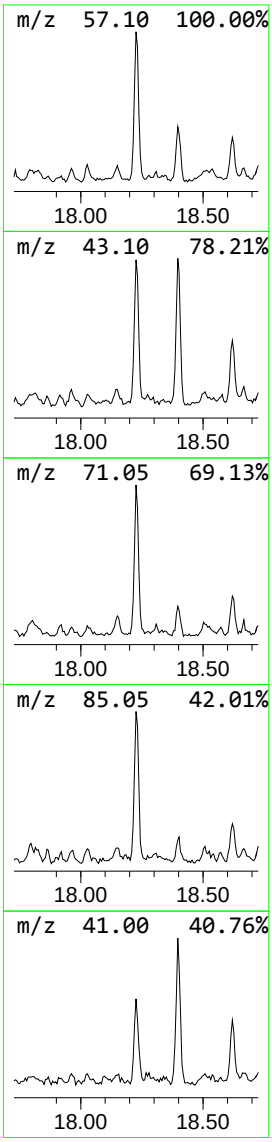
Peak Number 12 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.226	13.17 ng	216630	Phenanthrene-d10	17.779

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
5	Tetracosane	338	C24H50	000646-31-1	86





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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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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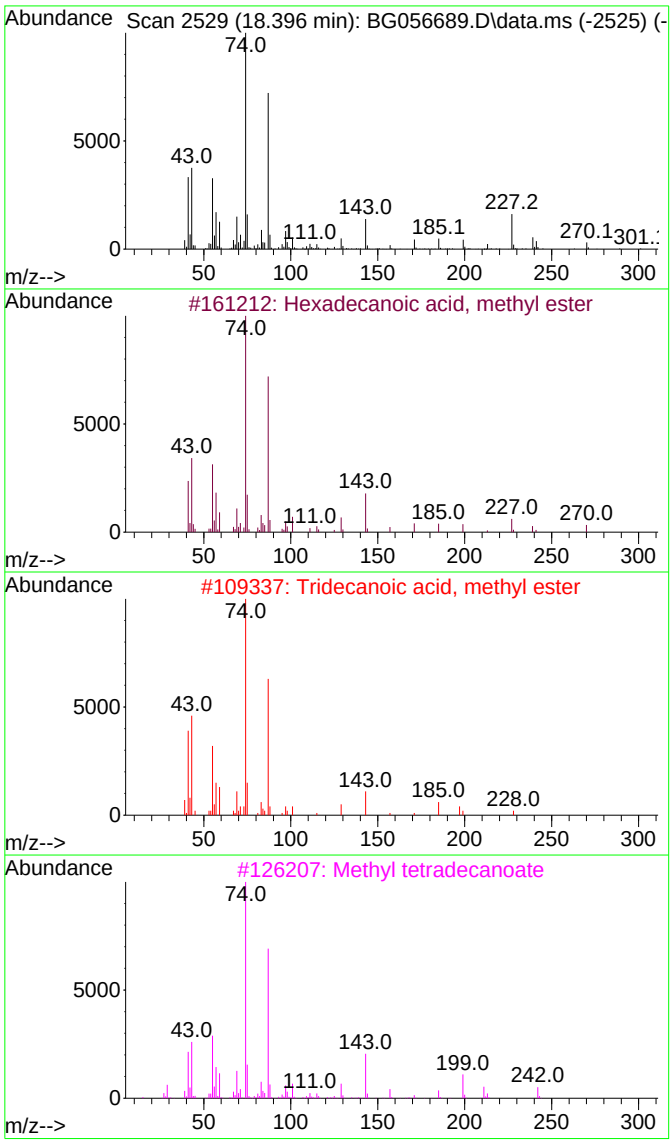
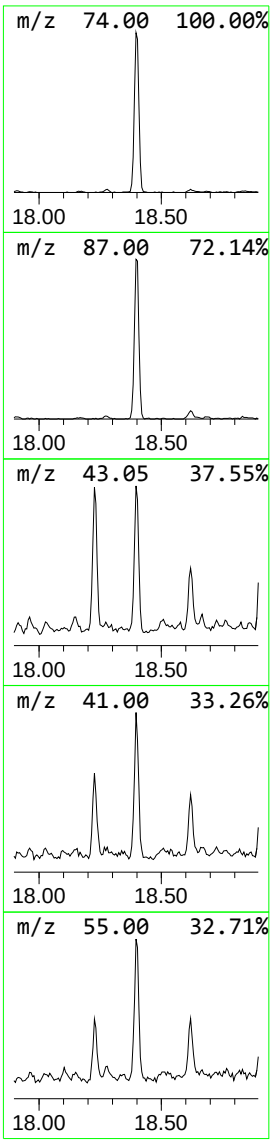
Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.396	28.82 ng	473986	Phenanthrene-d10	17.779

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	95
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
5	Methyl 8-methyl-nonanoate	186	C11H22O2	1000452-00-9	89





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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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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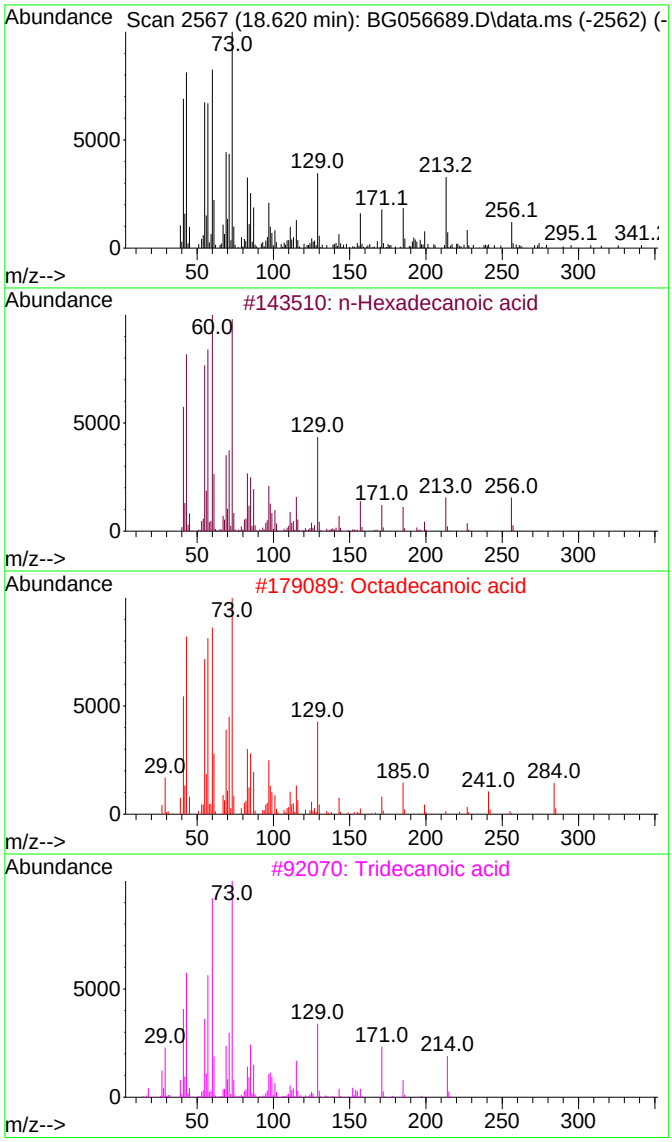
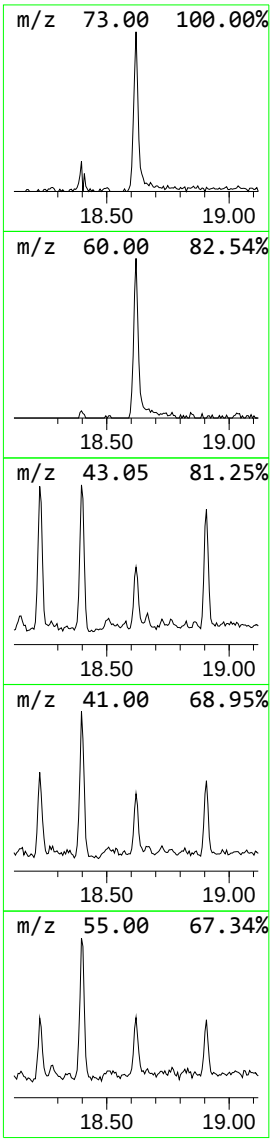
Peak Number 14 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.620	17.71 ng	291320	Phenanthrene-d10	17.779

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-02-02162023

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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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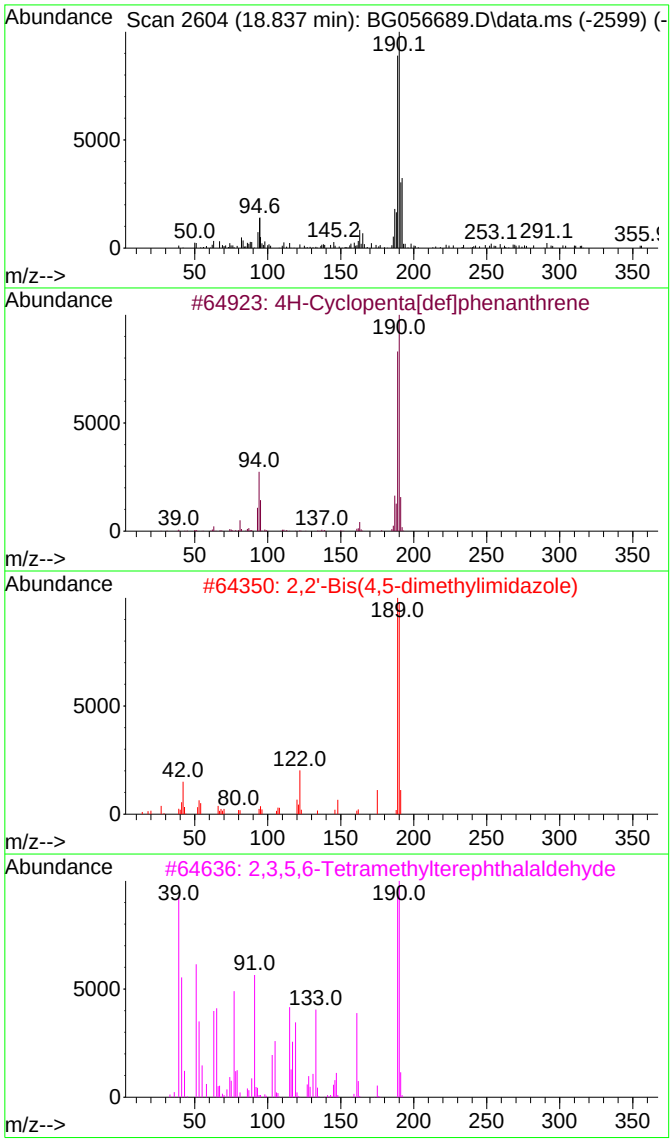
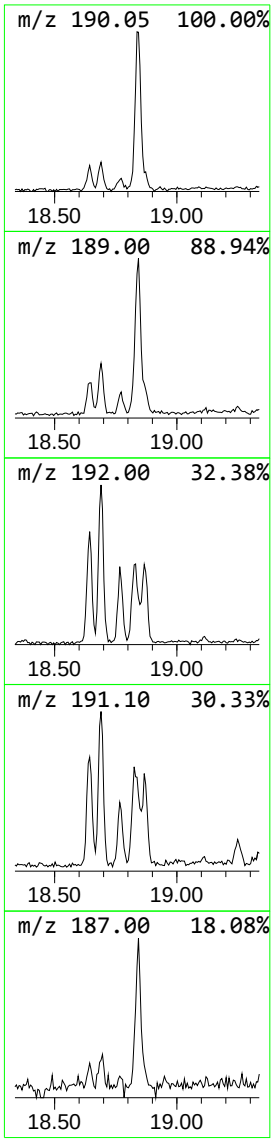
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.837	8.84 ng	145398	Phenanthrene-d10	17.779

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	50
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	36





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Misc :
ALS Vial : 10 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

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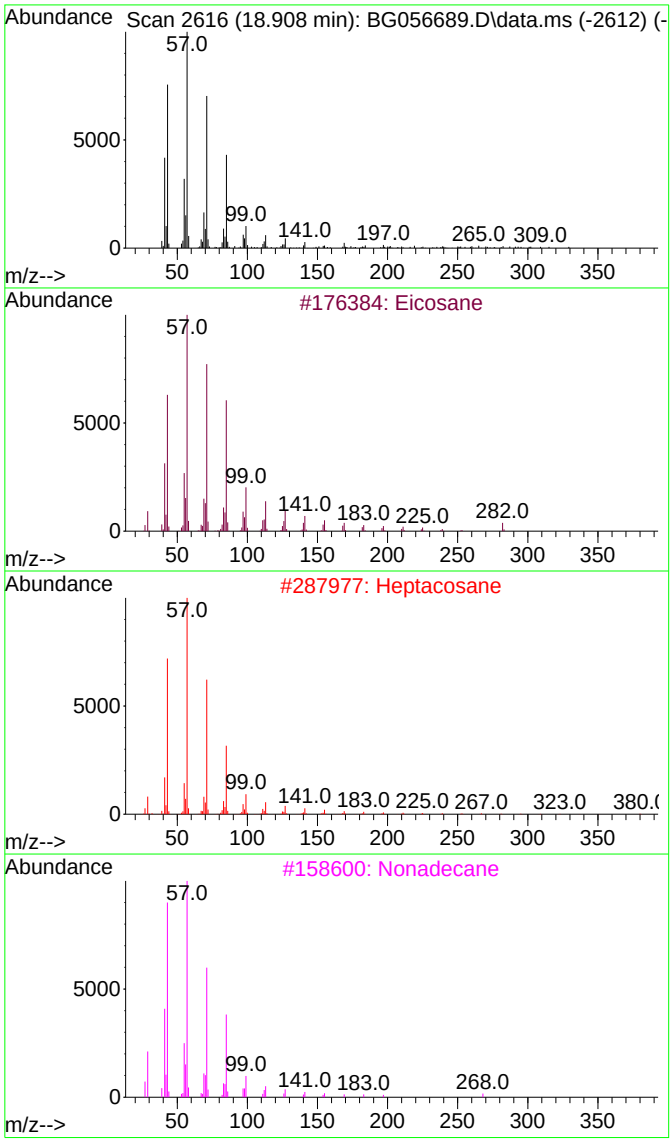
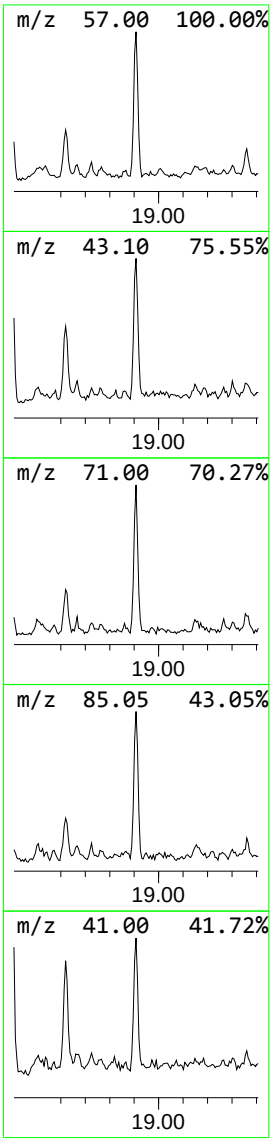
Peak Number 16 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.907	10.15 ng	166850	Phenanthrene-d10	17.779

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heptacosane	380	C27H56	000593-49-7	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91





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Sample : 01587-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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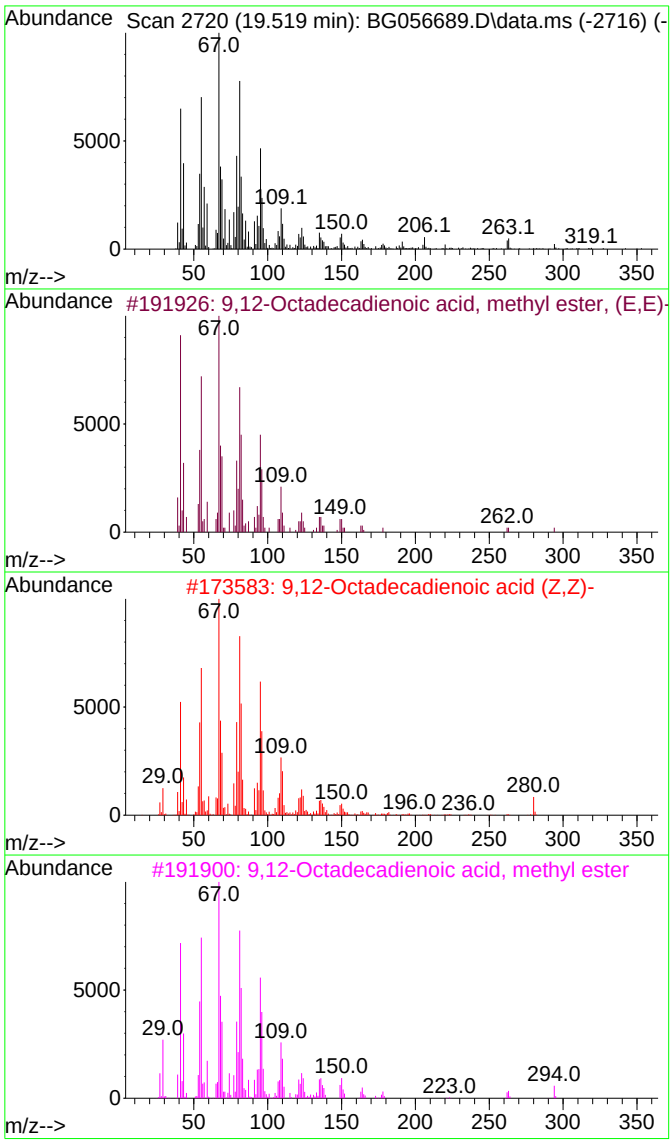
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

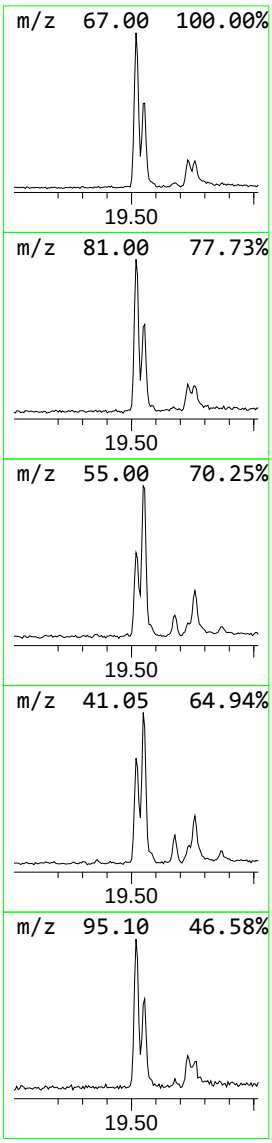
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.519	54.59 ng	897851	Phenanthrene-d10	17.779

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	98
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	98
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	97
5	Methyl 9,12-heptadecadienoate	280	C18H32O2	1000336-36-2	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056689.D
Acq On : 21 Feb 2023 18:13
Operator : CG/JU
Sample : 01587-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-02-02162023

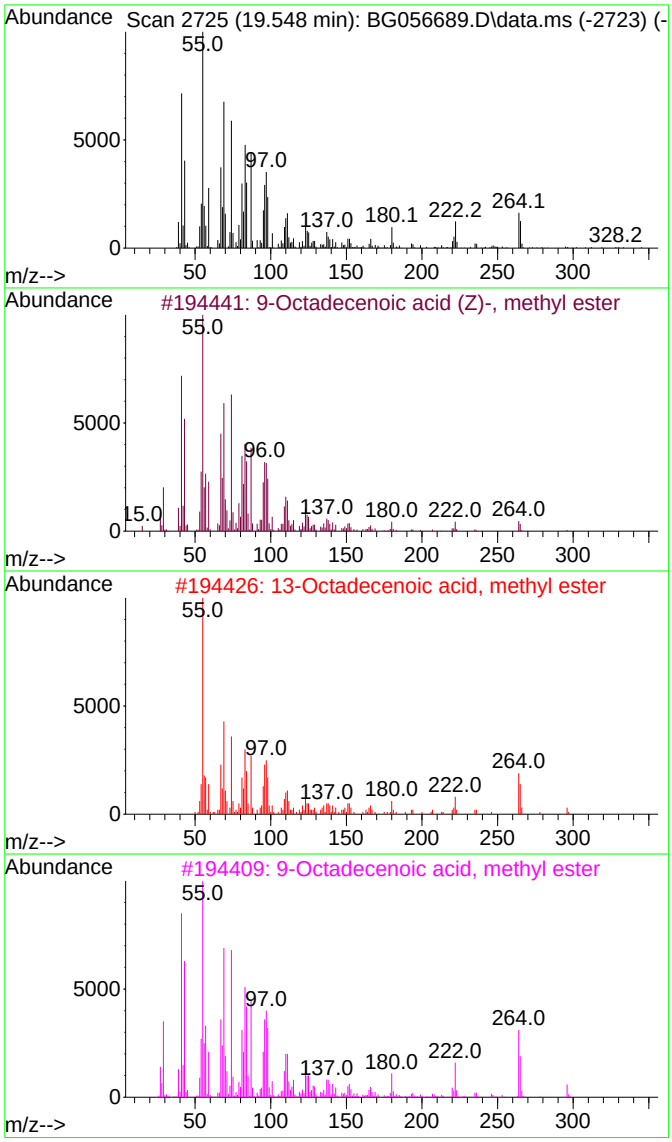
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

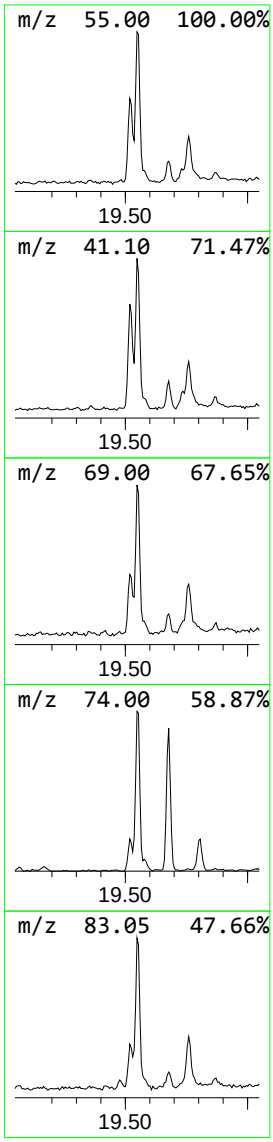
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.548	65.83 ng	1082570	Phenanthrene-d10	17.779

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	94
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	94
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056689.D
Acq On : 21 Feb 2023 18:13
Operator : CG/JU
Sample : 01587-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-02-02162023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

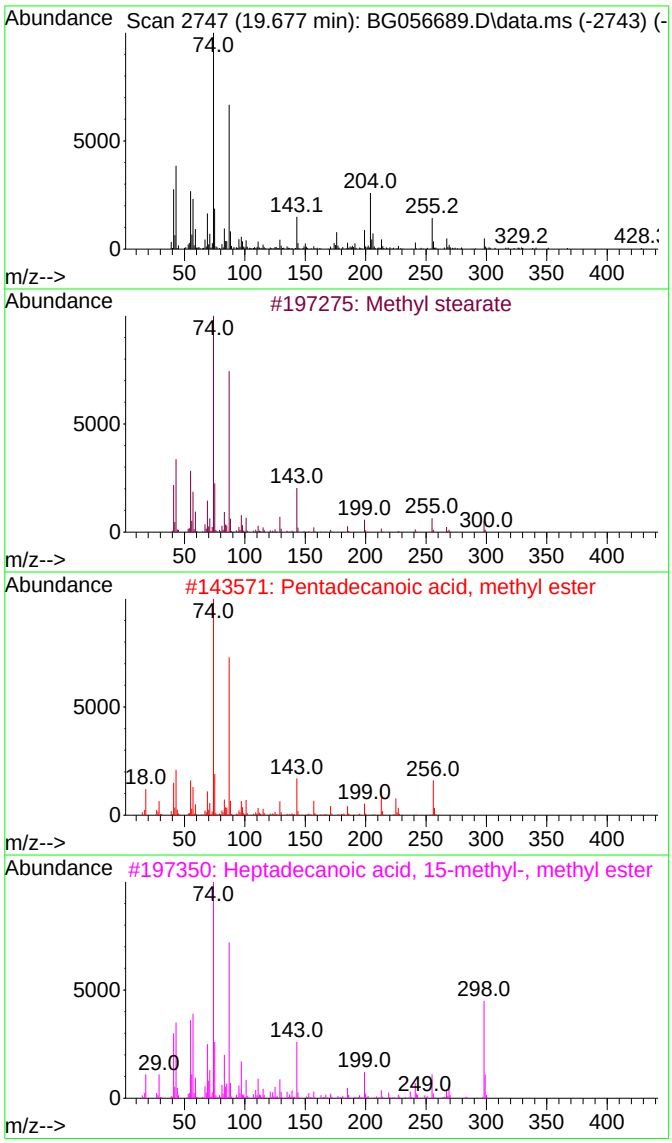
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

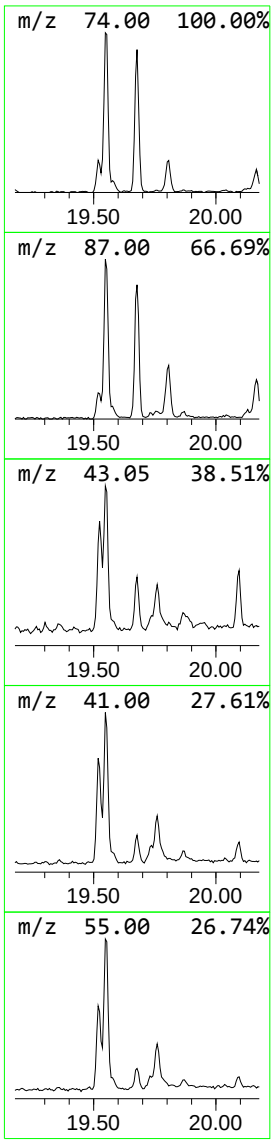
****

Peak Number 19 Methyl stearate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.677	15.75 ng	259019	Phenanthrene-d10	17.779

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	91
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	89
3	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	76
4	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	76
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056689.D
Acq On : 21 Feb 2023 18:13
Operator : CG/JU
Sample : 01587-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-02-02162023

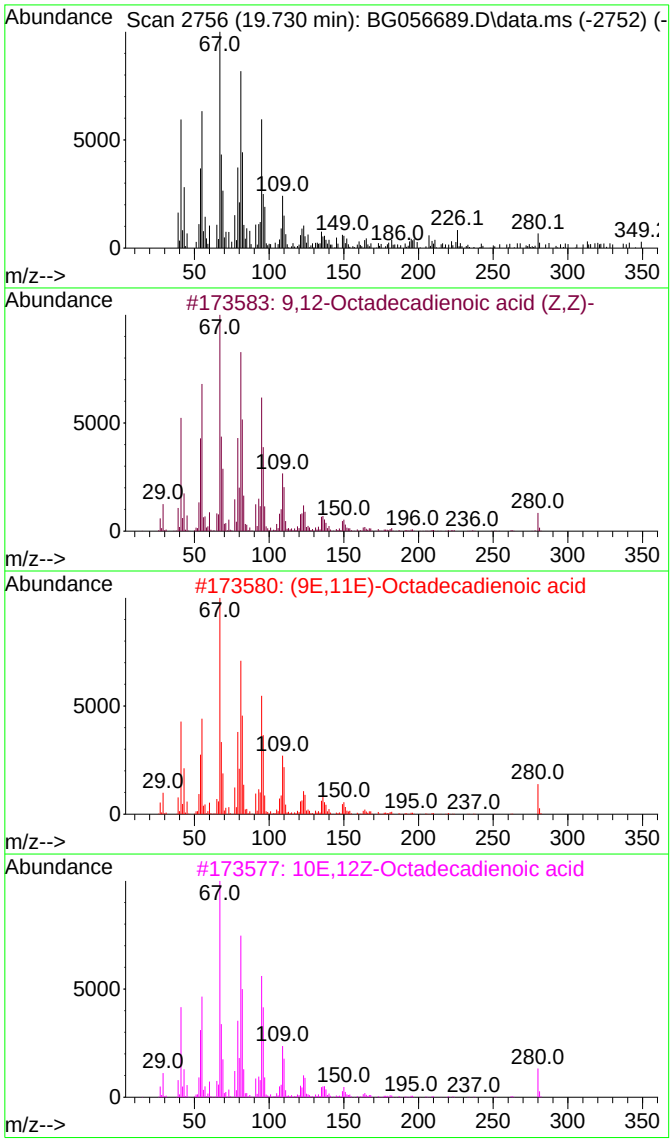
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

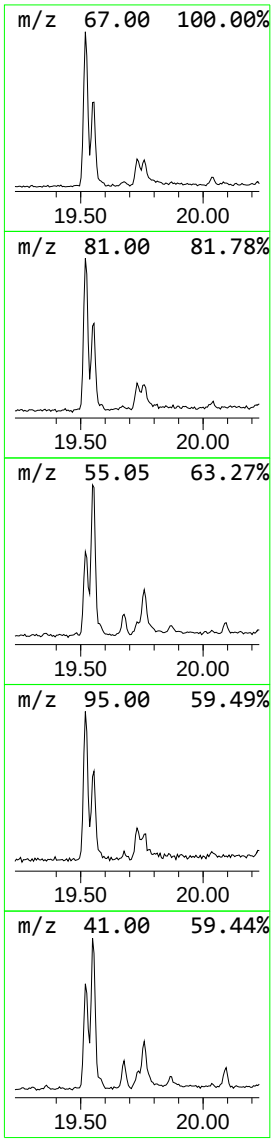
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 9,12-Octadecadienoic acid (... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.730	8.55 ng	140552	Phenanthrene-d10	17.779

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	98
2	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	97
3	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	94
4	7,10-Hexadecadienoic acid, methy...	266	C17H30O2	016106-03-9	94
5	Linoleyl methyl ketone	278	C19H34O	029204-24-8	92





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056689.D
Acq On : 21 Feb 2023 18:13
Operator : CG/JU
Sample : 01587-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-02-02162023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.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
2-Pentanone, 4-...	5.470	12.1	ng	98867	1	8.437	163013	20.0
Tridecane	12.633	12.1	ng	134946	2	11.275	222587	20.0
Tetradecane	13.843	14.4	ng	213273	3	15.041	297096	20.0
Dodecane, 2,6,1...	14.489	10.5	ng	156625	3	15.041	297096	20.0
Carbonic acid, ...	14.900	17.3	ng	257345	3	15.041	297096	20.0
Dodecane, 1-iodo-	15.506	7.6	ng	112761	3	15.041	297096	20.0
Hexadecane	15.841	18.0	ng	267788	3	15.041	297096	20.0
Undecane, 2,5-d...	16.246	12.2	ng	181331	3	15.041	297096	20.0
Heptadecane	16.698	18.5	ng	303790	4	17.779	328914	20.0
Nonadecane	17.492	13.7	ng	225608	4	17.779	328914	20.0
3-Ethyl-2,6,10-...	17.544	6.4	ng	104562	4	17.779	328914	20.0
Pentadecane	18.226	13.2	ng	216630	4	17.779	328914	20.0
Hexadecanoic ac...	18.396	28.8	ng	473986	4	17.779	328914	20.0
n-Hexadecanoic ...	18.620	17.7	ng	291320	4	17.779	328914	20.0
4H-Cyclopenta[d...	18.837	8.8	ng	145398	4	17.779	328914	20.0
Eicosane	18.907	10.2	ng	166850	4	17.779	328914	20.0
9,12-Octadecadi...	19.519	54.6	ng	897851	4	17.779	328914	20.0
9-Octadecenoic ...	19.548	65.8	ng	1082570	4	17.779	328914	20.0
Methyl stearate	19.677	15.8	ng	259019	4	17.779	328914	20.0
9,12-Octadecadi...	19.730	8.6	ng	140552	4	17.779	328914	20.0