LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
Data File : BG055226.D
Acq On : 20 Oct 2022 19:13
Operator : CG/JU
Sample : N5184-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EO-02-101822

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-BG101922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055226.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.325	341	347	358	rBV	261503	436433	13.02%	0.974%
2	5.807	422	429	444	rBV	1086429	1820639	54.33%	4.061%
3	7.423	696	704	723	rBV	1127023	2078212	62.02%	4.636%
4	8.287	838	851	857	rBV	240975	420608	12.55%	0.938%
5	8.839	930	945	955	rBV	13782	56894	1.70%	0.127%
6	9.397	1030	1040	1043	rBV3	25365	55903	1.67%	0.125%
7	9.462	1043	1051	1057	rBV	688800	1269341	37.88%	2.831%
8	9.738	1090	1098	1108	rBV	11926	43703	1.30%	0.097%
9	10.026	1143	1147	1155	rVB3	31236	60794	1.81%	0.136%
10	10.290	1187	1192	1197	rBV3	32977	57381	1.71%	0.128%
11	10.502	1223	1228	1235	rBV4	40532	75437	2.25%	0.168%
12	10.743	1265	1269	1274	rVB	27014	44770	1.34%	0.100%
13	10.866	1285	1290	1301	rVV5	33340	98762	2.95%	0.220%
14	11.060	1318	1323	1327	rBV	89904	153138	4.57%	0.342%
15	11.119	1327	1333	1339	rVV	311947	603534	18.01%	1.346%
16	11.166	1339	1341	1346	rVV5	30938	47780	1.43%	0.107%
17	11.242	1350	1354	1361	rVB2	59169	109264	3.26%	0.244%
18	11.318	1361	1367	1373	rBV8	27191	61056	1.82%	0.136%
19	11.583	1407	1412	1419	rVB4	38760	94677	2.83%	0.211%
20	11.800	1439	1449	1454	rBV6	58306	137549	4.10%	0.307%
21	11.935	1465	1472	1478	rVB7	42180	94843	2.83%	0.212%
22	12.006	1478	1484	1490	rBV5	48225	128496	3.83%	0.287%
23	12.094	1495	1499	1504	rVV	64083	109867	3.28%	0.245%
24	12.147	1504	1508	1513	rVV3	37388	62393	1.86%	0.139%
25	12.206	1513	1518	1522	rVB3	29748	51004	1.52%	0.114%
26	12.288	1526	1532	1538	rBV3	88003	158318	4.72%	0.353%
27	12.488	1560	1566	1572	rBV	202576	322072	9.61%	0.718%
28	12.705	1600	1603	1607	rVB4	38111	51757	1.54%	0.115%
29	12.752	1607	1611	1617	rVB3	28561	50386	1.50%	0.112%
30	12.987	1648	1651	1657	rVB3	72558	114644	3.42%	0.256%
31	13.110	1668	1672	1675	rBV4	39428	56707	1.69%	0.126%
32	13.251	1692	1696	1698	rBV4	27260	41817	1.25%	0.093%
33	13.281	1699	1701	1708	rVB2	65176	100768	3.01%	0.225%
34	13.369	1712	1716	1719	rBV2	47409	63672	1.90%	0.142%
35	13.422	1719	1725	1729	rBV2	116997	182648	5.45%	0.407%
36	13.528	1736	1743	1749	rBV	1493586	2236397	66.74%	4.989%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
Data File : BG055226.D
Acq On : 20 Oct 2022 19:13
Operator : CG/JU
Sample : N5184-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EO-02-101822

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-BG101922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.616	1754	1758	1762	rVB4	35188	58003	1.73%	0.129%
38	13.704	1767	1773	1782	rBV	364247	555981	16.59%	1.240%
39	13.845	1793	1797	1802	rVB3	69893	111474	3.33%	0.249%
40	14.180	1849	1854	1857	rBV6	51763	101113	3.02%	0.226%
41	14.221	1857	1861	1865	rVV4	97086	168584	5.03%	0.376%
42	14.268	1865	1869	1874	rVV3	96916	149104	4.45%	0.333%
43	14.350	1874	1883	1887	rVV3	214704	440508	13.15%	0.983%
44	14.397	1887	1891	1897	rVV2	110813	201031	6.00%	0.448%
45	14.468	1899	1903	1907	rVB4	115665	168140	5.02%	0.375%
46	14.644	1926	1933	1939	rBV8	38292	108032	3.22%	0.241%
47	14.709	1940	1944	1945	rBV3	36167	54100	1.61%	0.121%
48	14.761	1949	1953	1958	rVB	508961	647324	19.32%	1.444%
49	14.844	1963	1967	1969	rVV3	56066	99954	2.98%	0.223%
50	14.897	1971	1976	1981	rVV	454964	744191	22.21%	1.660%
51	14.961	1984	1987	1991	rVB2	88622	120797	3.60%	0.269%
52	15.096	2007	2010	2018	rVB5	53515	84896	2.53%	0.189%
53	15.202	2025	2028	2034	rBV4	52436	117306	3.50%	0.262%
54	15.261	2034	2038	2040	rBV3	53065	78305	2.34%	0.175%
55	15.373	2052	2057	2065	rBV3	125039	288396	8.61%	0.643%
56	15.443	2066	2069	2073	rVB	90034	107810	3.22%	0.240%
57	15.502	2075	2079	2084	rBV8	67882	150380	4.49%	0.335%
58	15.707	2109	2114	2119	rVB	616608	788499	23.53%	1.759%
59	15.766	2120	2124	2127	rVB3	45488	71631	2.14%	0.160%
60	15.937	2149	2153	2159	rVB2	105183	173863	5.19%	0.388%
61	16.107	2176	2182	2186	rBV	222659	411321	12.27%	0.918%
62	16.201	2195	2198	2205	rVB3	65599	102211	3.05%	0.228%
63	16.254	2205	2207	2210	rBV	45532	55519	1.66%	0.124%
64	16.324	2216	2219	2222	rBV2	103690	123645	3.69%	0.276%
65	16.371	2222	2227	2236	rVV	853038	1281074	38.23%	2.858%
66	16.559	2255	2259	2262	rBV	643533	892194	26.62%	1.990%
67	16.900	2314	2317	2321	rBV	92047	145758	4.35%	0.325%
68	16.965	2325	2328	2335	rVB4	89065	123799	3.69%	0.276%
69	17.024	2335	2338	2342	rVB2	56201	64488	1.92%	0.144%
70	17.065	2342	2345	2352	rVB3	92398	134776	4.02%	0.301%
71	17.135	2353	2357	2361	rBV2	80415	138140	4.12%	0.308%
72	17.282	2378	2382	2386	rVB	79038	118145	3.53%	0.264%
73	17.353	2389	2394	2398	rVV	631926	784970	23.42%	1.751%
74	17.405	2399	2403	2407	rVV	309286	458092	13.67%	1.022%
75	17.447	2407	2410	2415	rVB	106013	161535	4.82%	0.360%
76	17.629	2437	2441	2444	rBV	445240	664433	19.83%	1.482%

LSC Area Percent Report

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Operator : CG/JU
Sample : N5184-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-101822

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
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	17.676	2444	2449	2455	rVB	1107328	1739955	51.92%	3.881%
78	17.764	2460	2464	2469	rVV	280489	437888	13.07%	0.977%
79	17.823	2472	2474	2482	rVB2	102292	141381	4.22%	0.315%
80	17.893	2482	2486	2492	rBV3	81211	162889	4.86%	0.363%
81	18.022	2503	2508	2515	rVV2	149208	273295	8.16%	0.610%
82	18.087	2515	2519	2525	rVB	517325	670015	19.99%	1.495%
83	18.263	2544	2549	2555	rVB	687229	887599	26.49%	1.980%
84	18.486	2583	2587	2592	rBV2	263019	466764	13.93%	1.041%
85	18.628	2608	2611	2616	rVB	116575	155711	4.65%	0.347%
86	18.692	2617	2622	2626	rBV3	174390	302463	9.03%	0.675%
87	18.769	2632	2635	2640	rBV	481175	573300	17.11%	1.279%
88	18.986	2669	2672	2675	rVB	93008	103775	3.10%	0.231%
89	19.391	2735	2741	2743	rBV2	2462364	3351113	100.00%	7.475%
90	19.415	2743	2745	2755	rVB2	1516198	2129132	63.54%	4.749%
91	19.544	2763	2767	2771	rBV	395677	458552	13.68%	1.023%
92	19.626	2779	2781	2783	rBV	165606	192562	5.75%	0.430%
93	19.667	2783	2788	2793	rVB	1483295	2266886	67.65%	5.057%
94	19.961	2835	2838	2840	rBV	295208	320456	9.56%	0.715%
95	20.026	2844	2849	2856	rVB	1255744	1884860	56.25%	4.204%
96	20.208	2875	2880	2885	rVB	1817614	2421915	72.27%	5.402%
97	20.490	2924	2928	2935	rBV3	299258	498487	14.88%	1.112%
98	20.989	3010	3013	3016	rVB	169883	181353	5.41%	0.405%
99	21.900	3163	3168	3175	rBV3	618521	1567018	46.76%	3.495%
100	21.965	3176	3179	3191	rVB	483899	841130	25.10%	1.876%

Sum of corrected areas: 44829685

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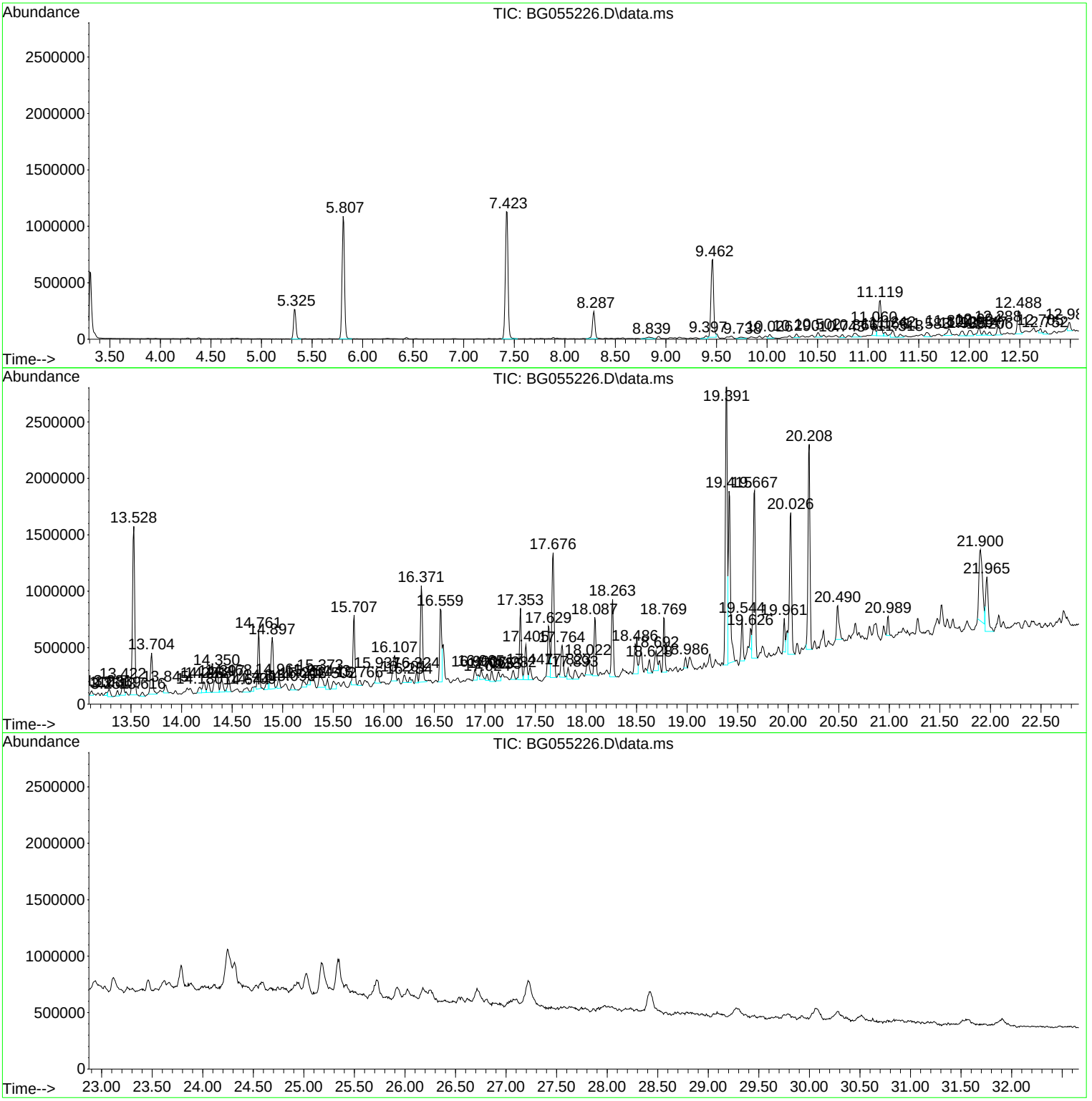
Sample : N5184-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-101822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.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\BG102022\
Data File : BG055226.D
Acq On : 20 Oct 2022 19:13
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Sample : N5184-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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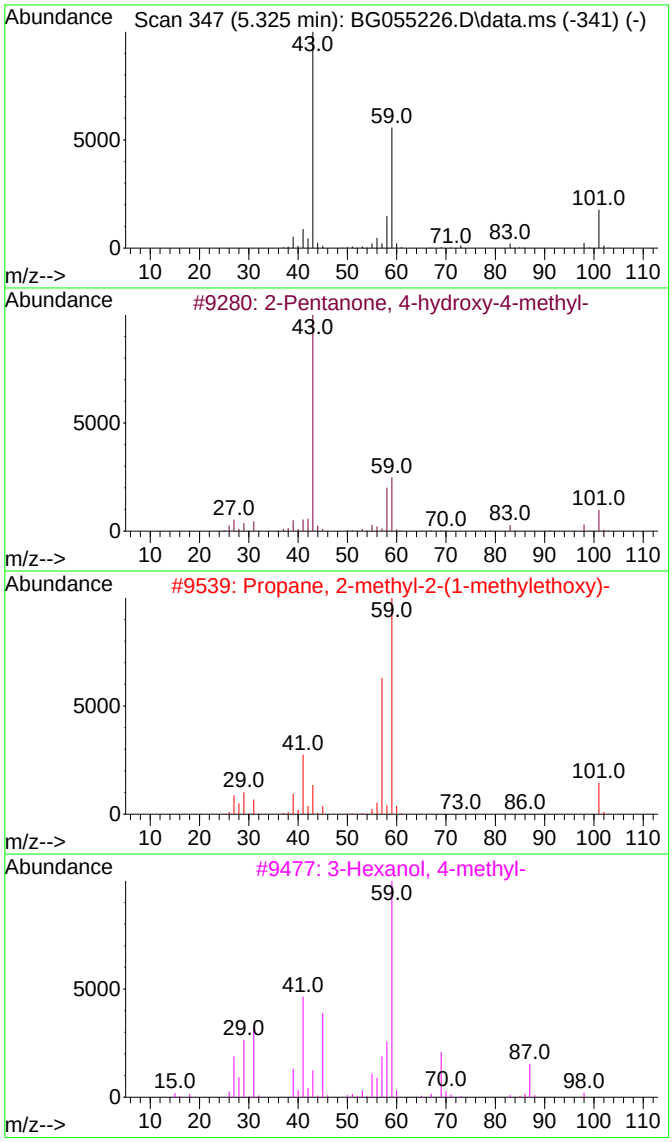
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

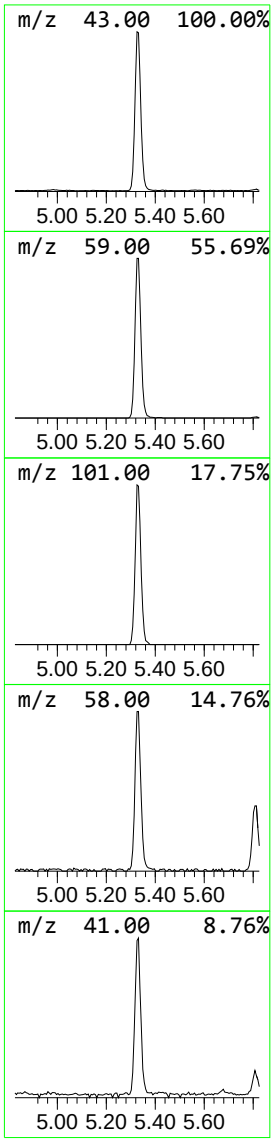
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.325	20.75 ng	436433	1,4-Dichlorobenzene-d4	8.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
Data File : BG055226.D
Acq On : 20 Oct 2022 19:13
Operator : CG/JU
Sample : N5184-01
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-101822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

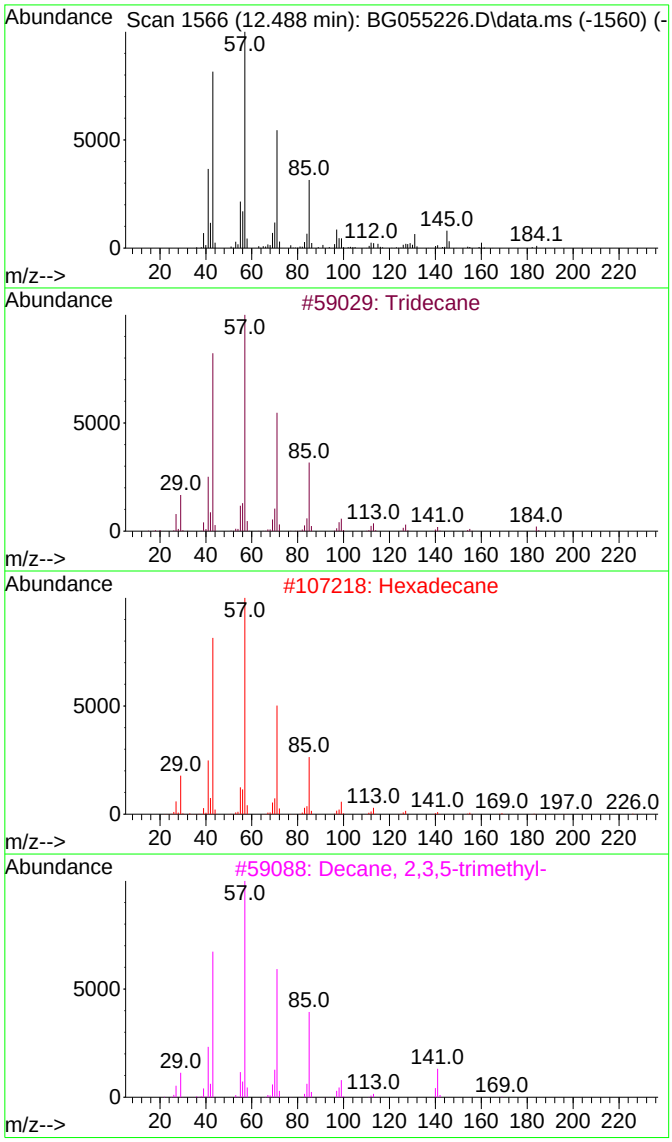
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

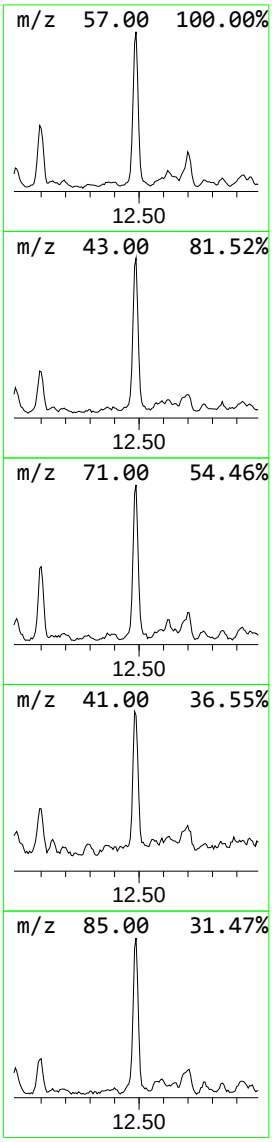
****

Peak Number 2 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.488	10.67 ng	322072	Naphthalene-d8	11.119

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane	226	C16H34	000544-76-3	80
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	76
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
Data File : BG055226.D
Acq On : 20 Oct 2022 19:13
Operator : CG/JU
Sample : N5184-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.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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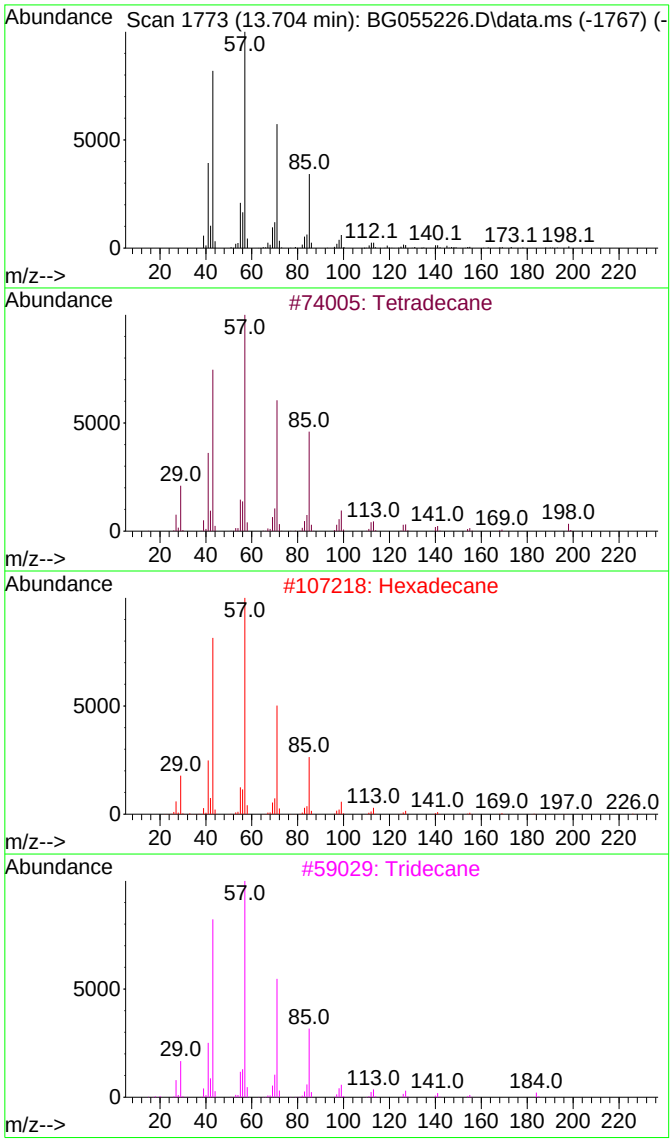
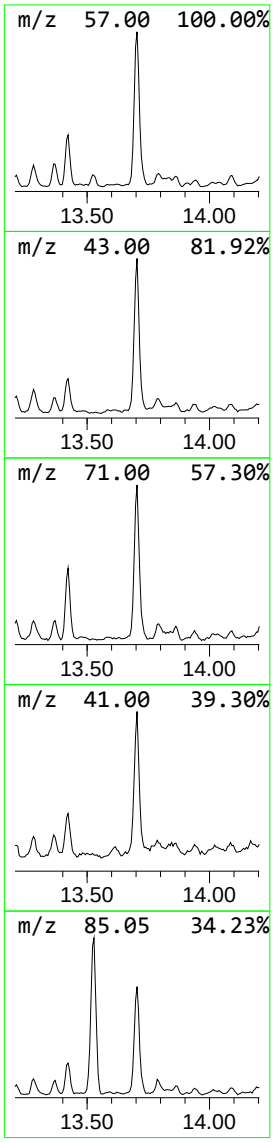
Peak Number 3 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	14.94 ng	555981	Acenaphthene-d10	14.897

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	86
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
Data File : BG055226.D
Acq On : 20 Oct 2022 19:13
Operator : CG/JU
Sample : N5184-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-101822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

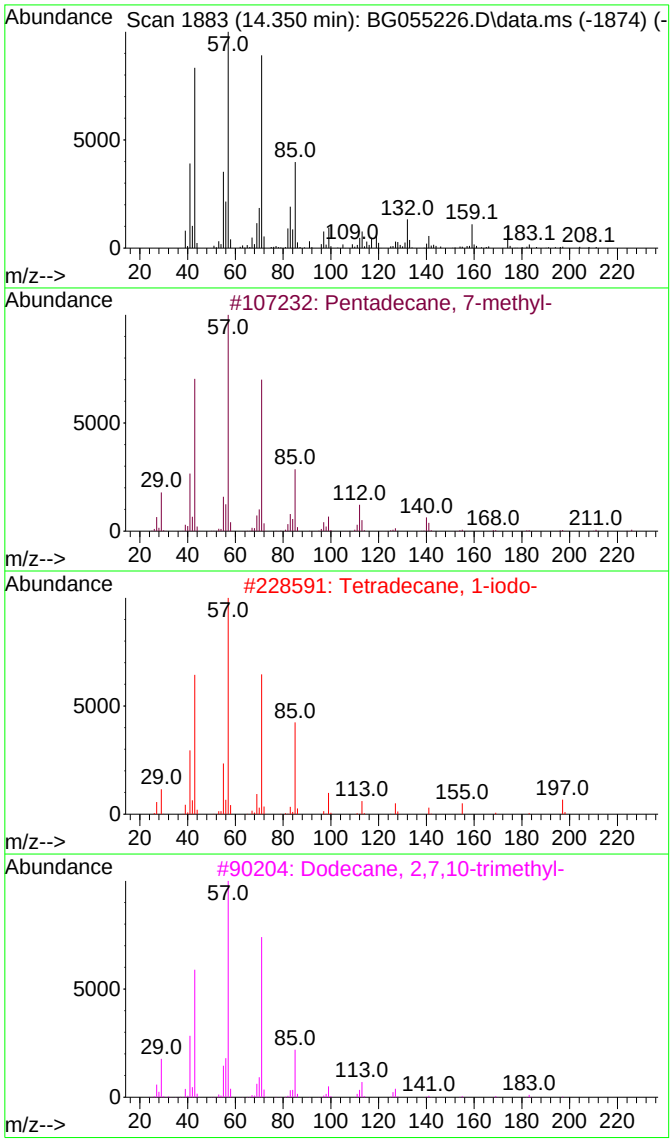
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

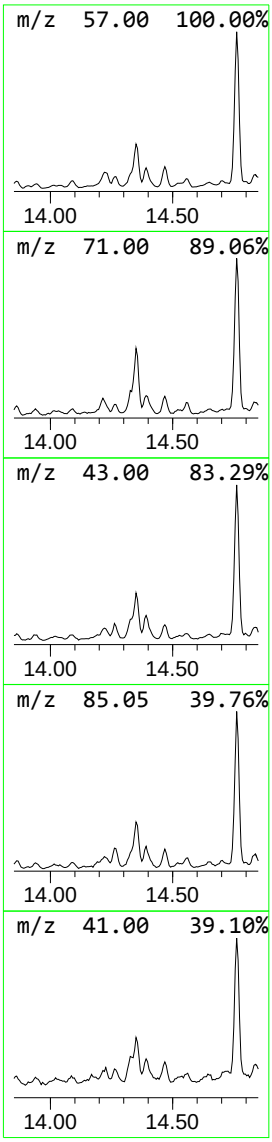
****

Peak Number 4 Pentadecane, 7-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.350	11.84 ng	440508	Acenaphthene-d10	14.897

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	59
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	52
4	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	52
5	Nonane, 1-iodo-	254	C9H19I	004282-42-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
Data File : BG055226.D
Acq On : 20 Oct 2022 19:13
Operator : CG/JU
Sample : N5184-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-101822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

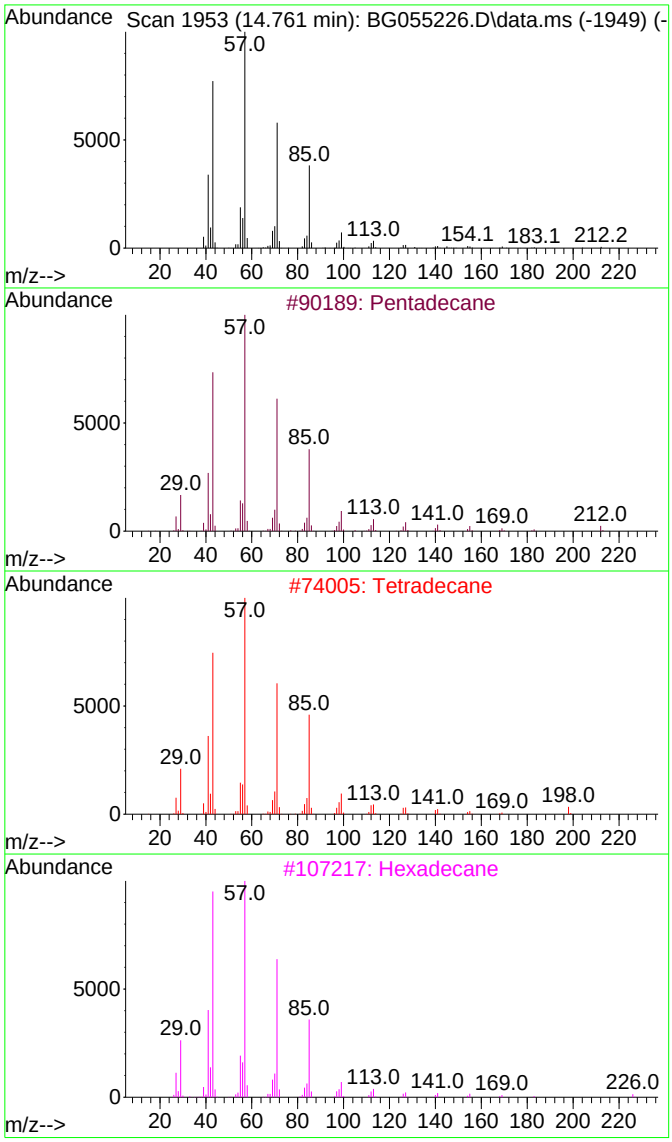
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

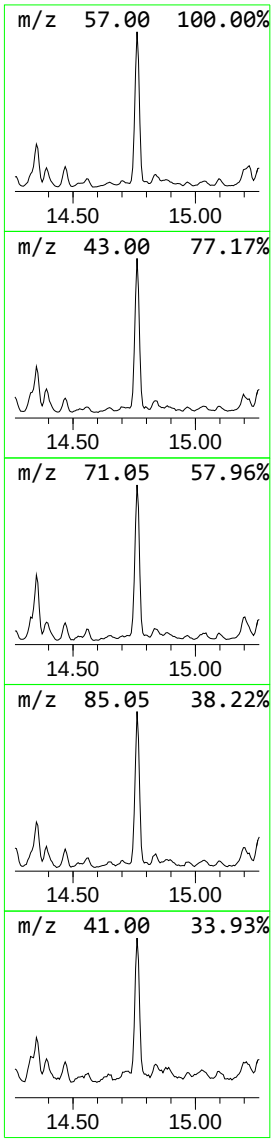
****

Peak Number 5 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.761	17.40 ng	647324	Acenaphthene-d10	14.897

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	83
4	Tridecane	184	C13H28	000629-50-5	78
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	72





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Acq On : 20 Oct 2022 19:13
Operator : CG/JU
Sample : N5184-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-101822

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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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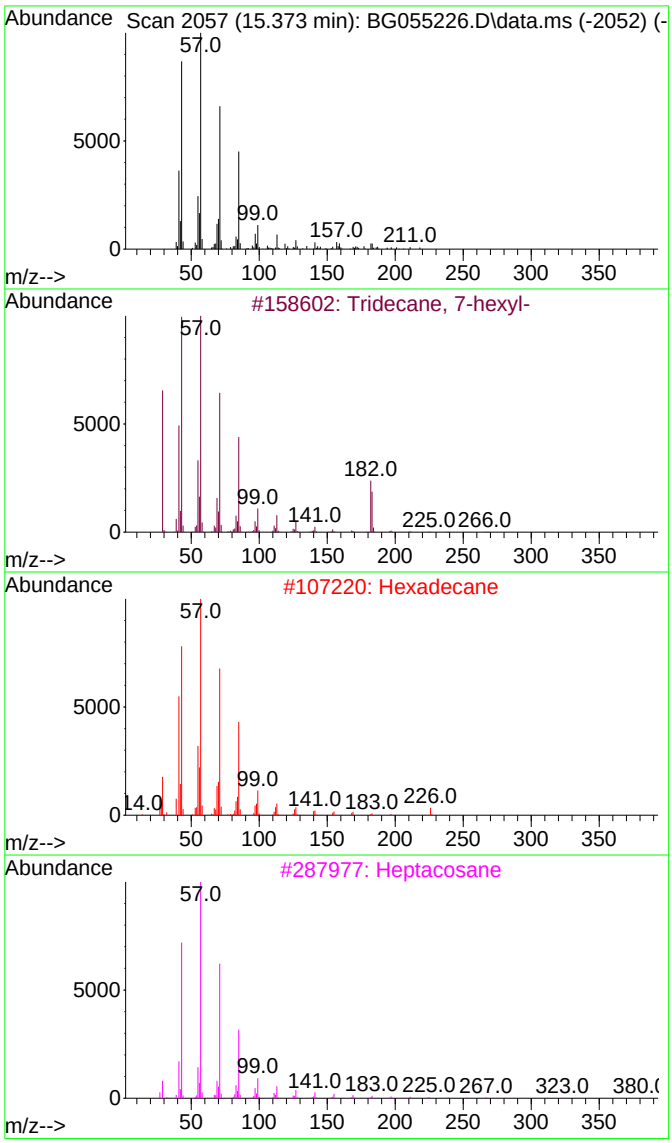
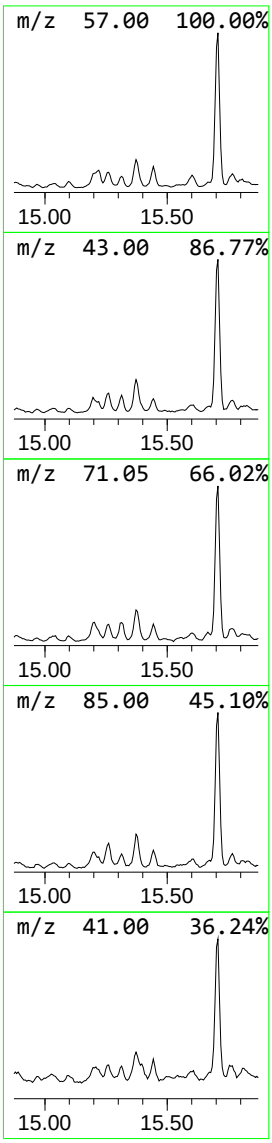
Peak Number 6 Tridecane, 7-hexyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.373	7.75 ng	288396	Acenaphthene-d10	14.897

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Eicosane	282	C20H42	000112-95-8	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





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Sample : N5184-01
Misc :
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Instrument :
BNA_G
ClientSampleId :
EO-02-101822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.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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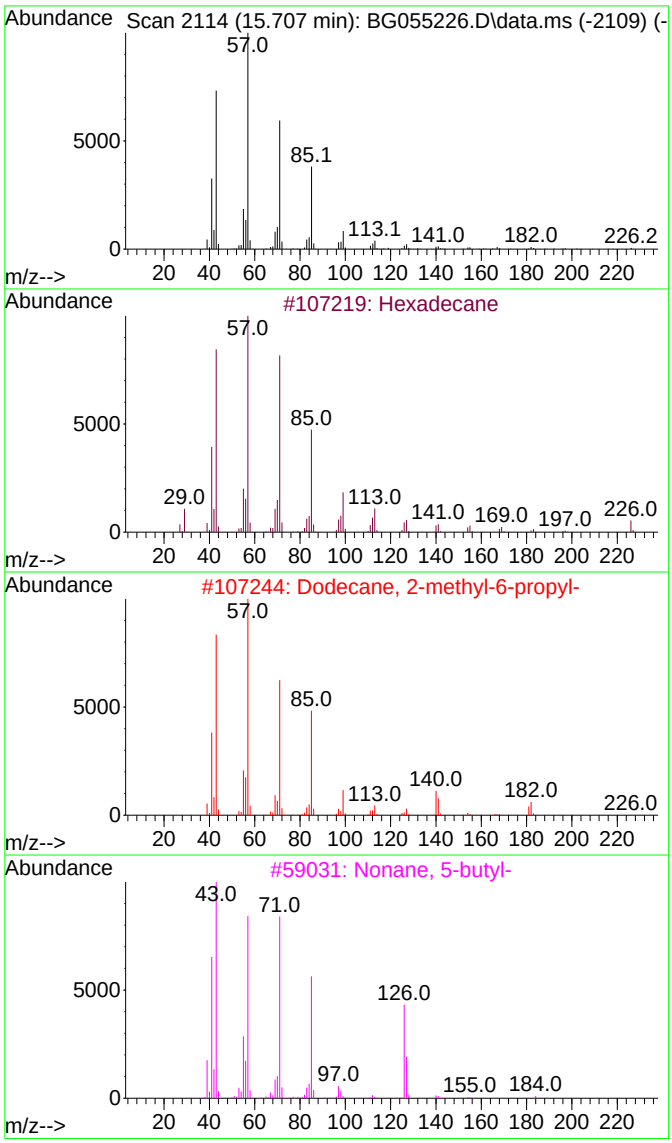
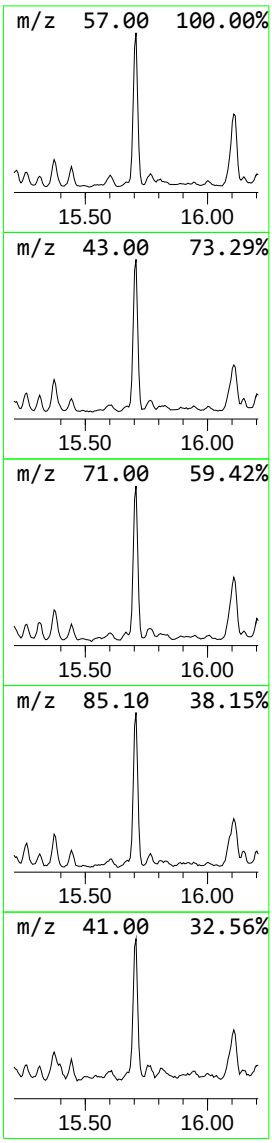
Peak Number 7 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.707	21.19 ng	788499	Acenaphthene-d10	14.897

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	80
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	76





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Misc :
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Instrument :
BNA_G
ClientSampleId :
EO-02-101822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.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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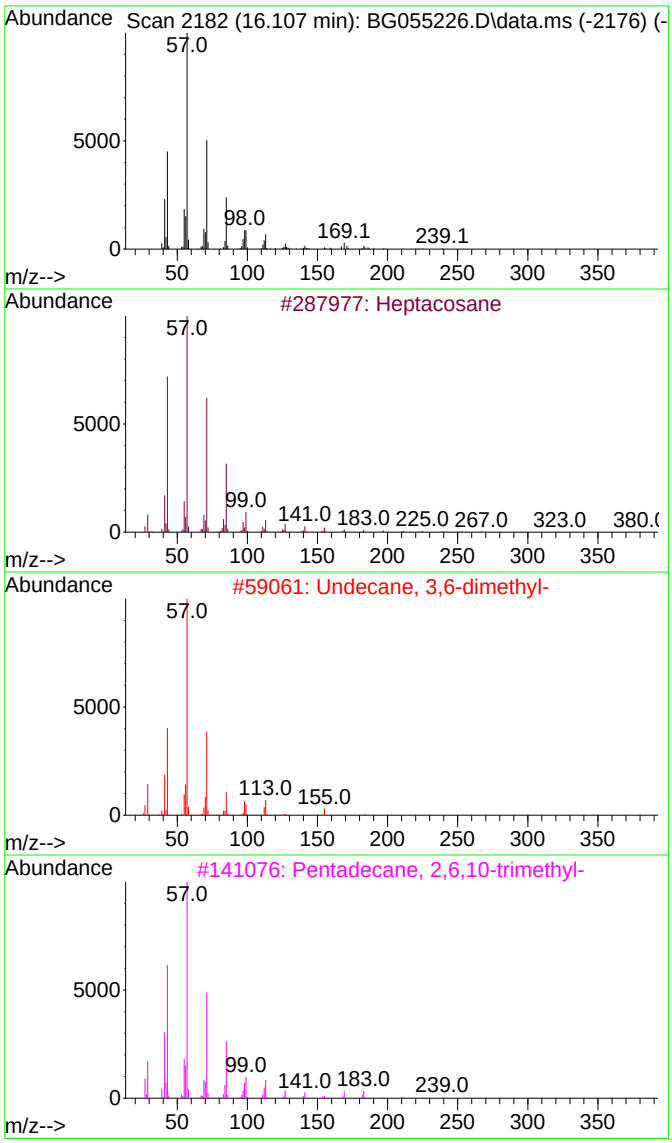
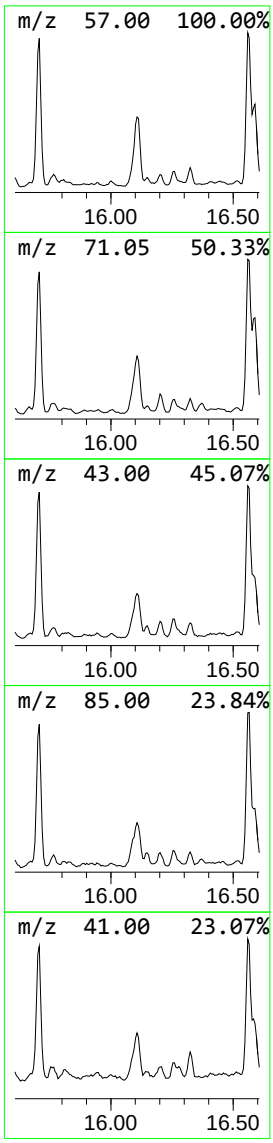
Peak Number 8 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.107	11.05 ng	411321	Acenaphthene-d10	14.897

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	64





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-101822

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

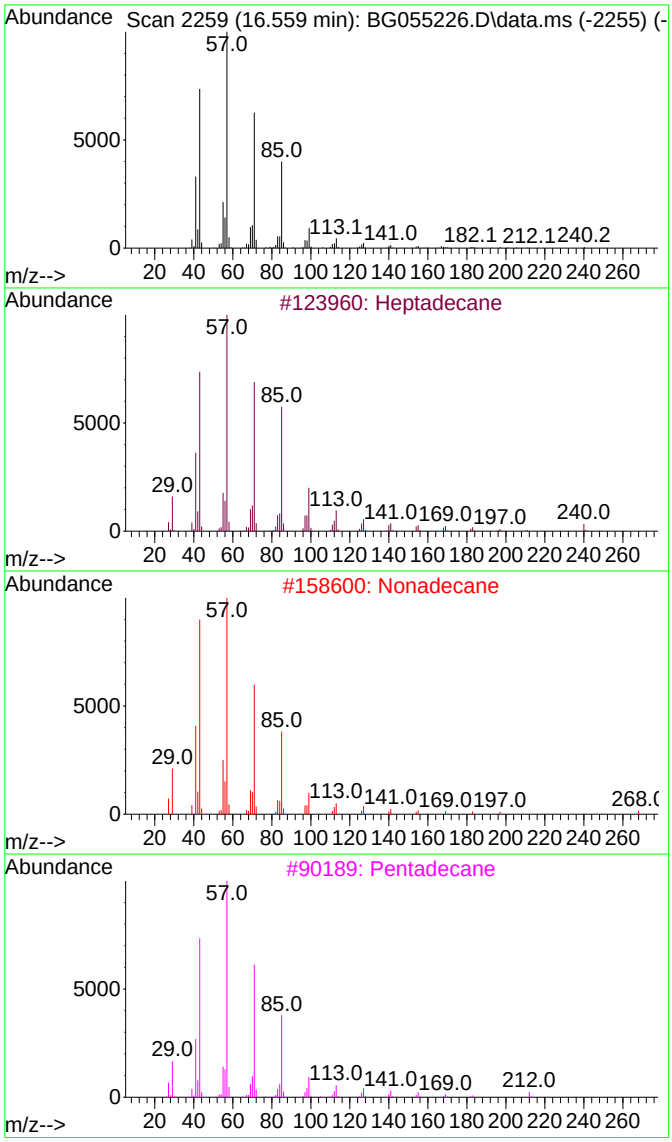
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

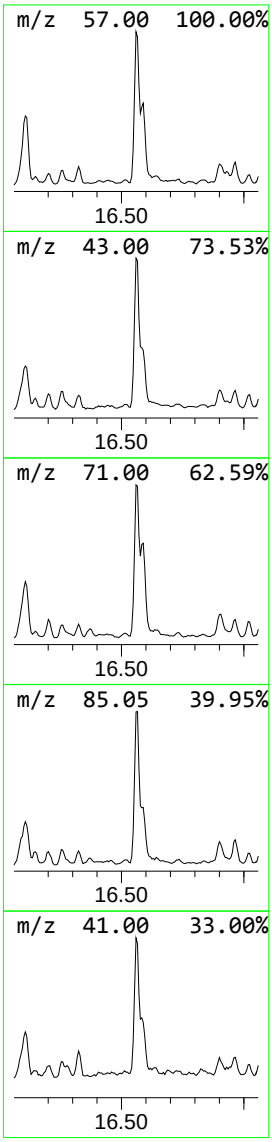
****

Peak Number 9 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.559	26.86 ng	892194	Phenanthrene-d10	17.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Nonadecane	268	C19H40	000629-92-5	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Hexadecane	226	C16H34	000544-76-3	80





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Misc :
ALS Vial : 11 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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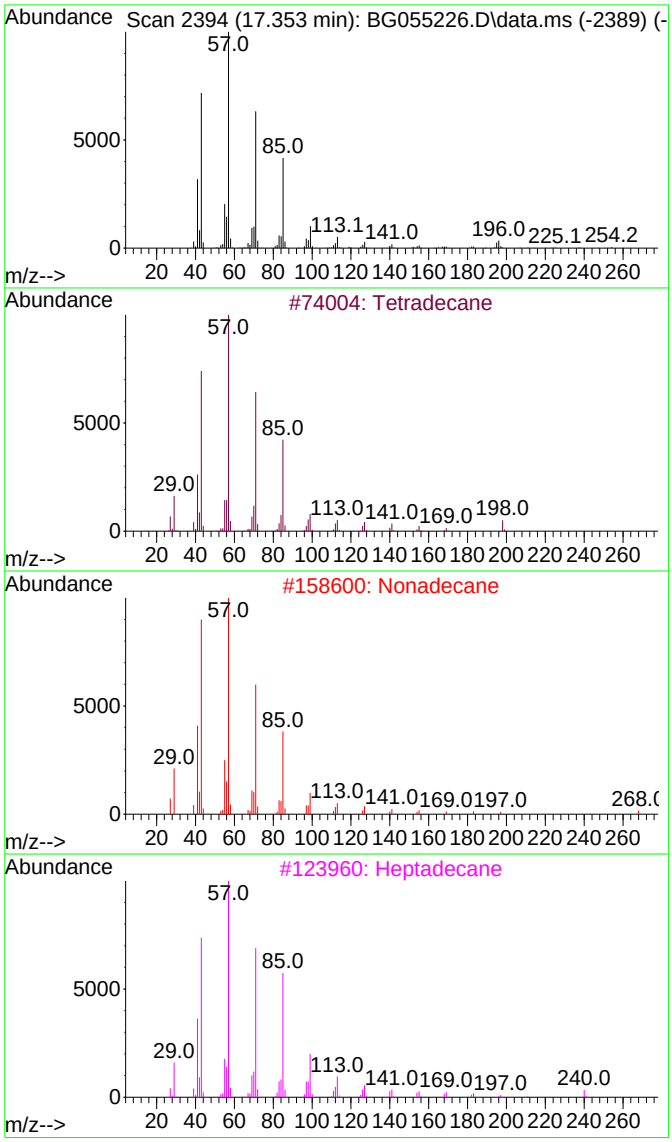
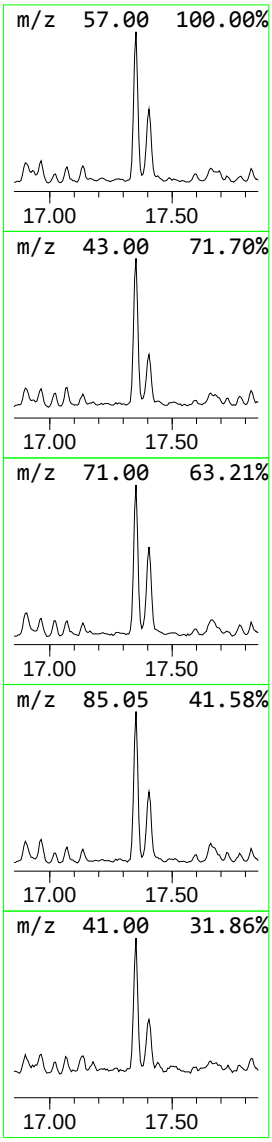
Peak Number 10 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.352	23.63 ng	784970	Phenanthrene-d10	17.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





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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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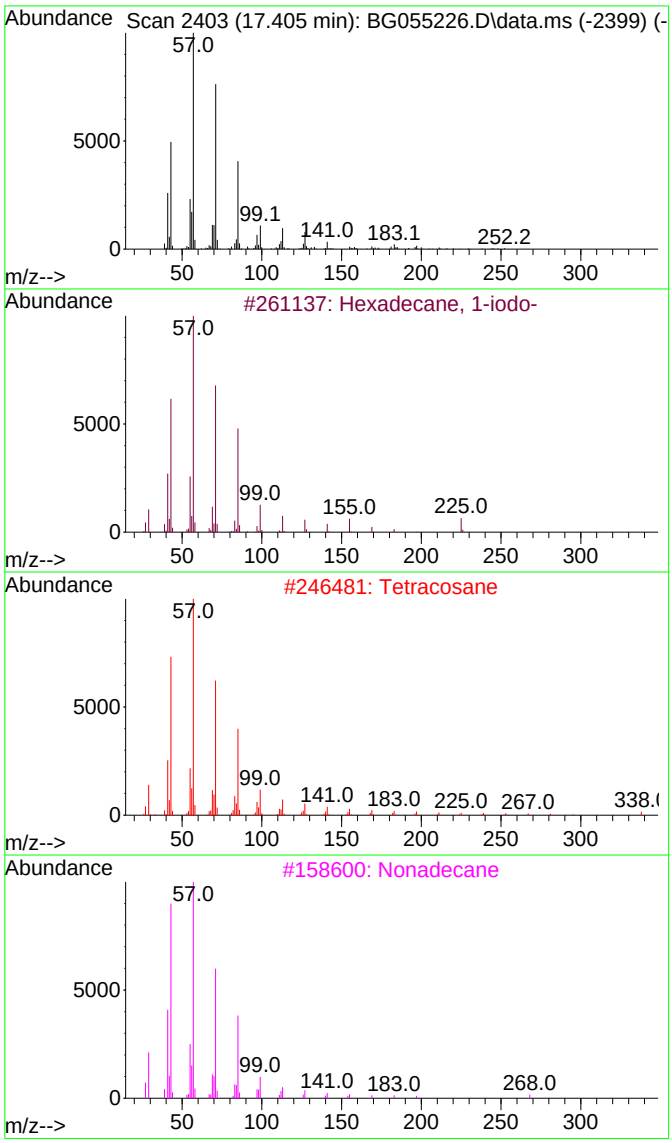
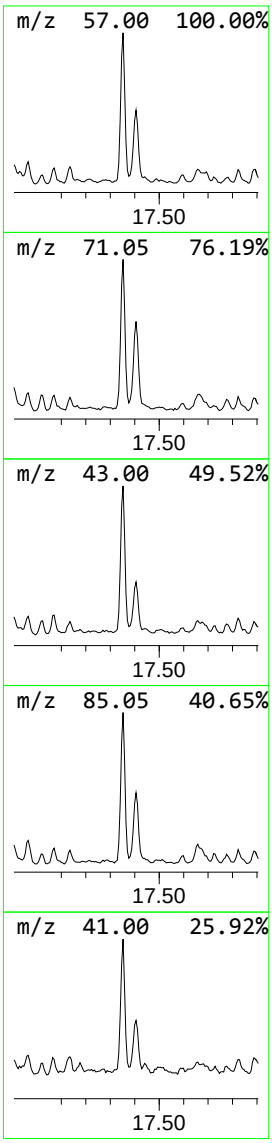
Peak Number 11 Hexadecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.405	13.79 ng	458092	Phenanthrene-d10	17.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Eicosane	282	C20H42	000112-95-8	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





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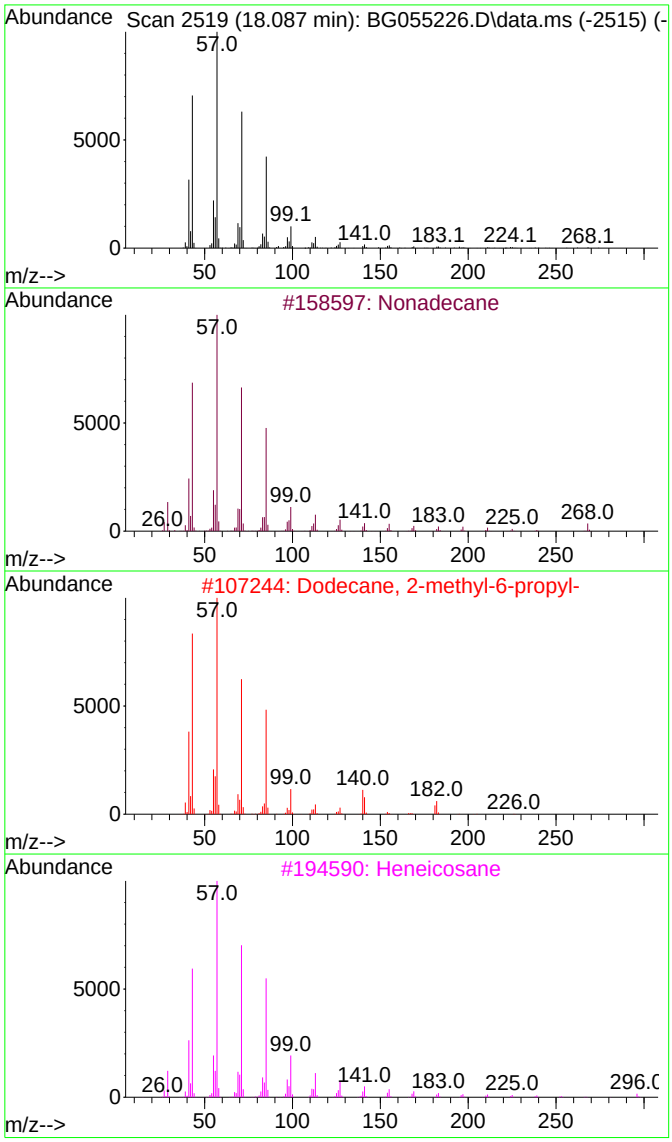
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

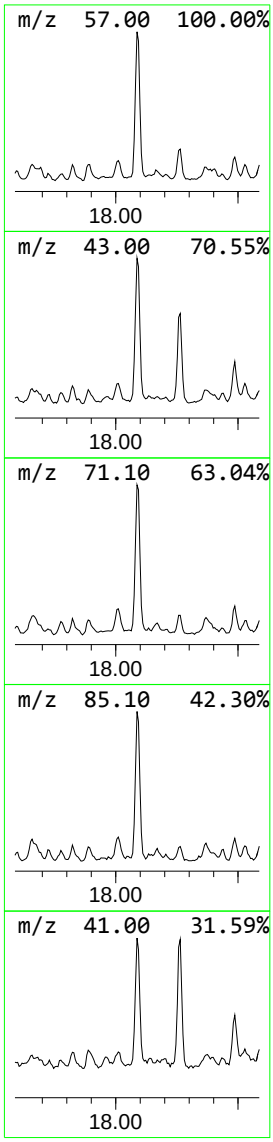
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Dodecane, 2-methyl-6-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.087	20.17 ng	670015	Phenanthrene-d10	17.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86





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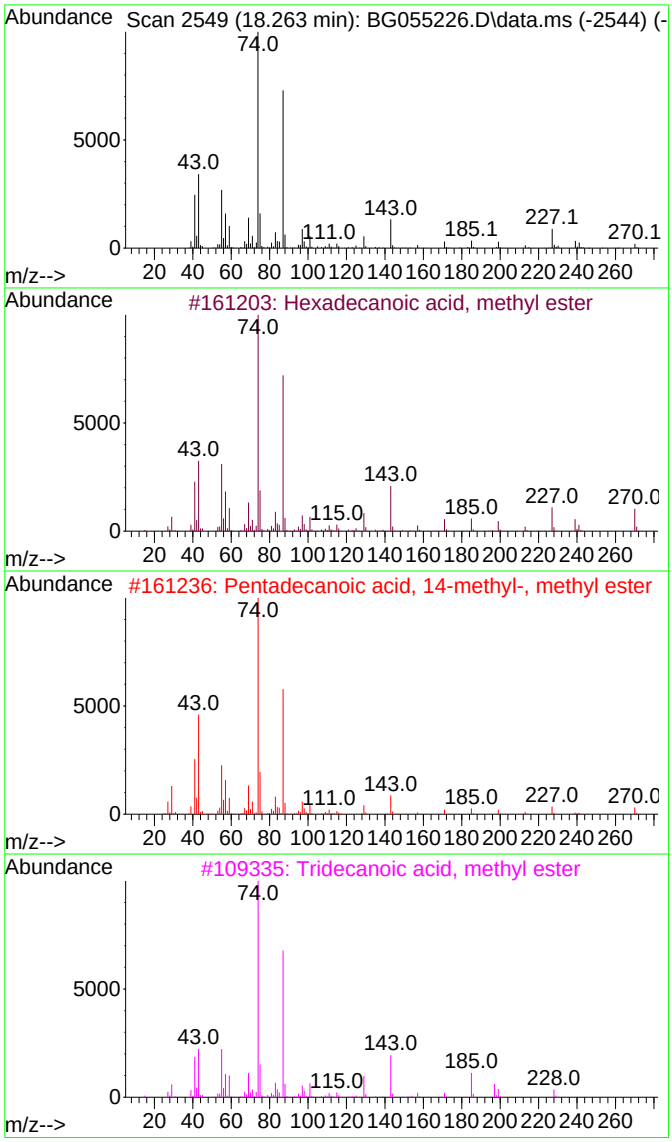
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

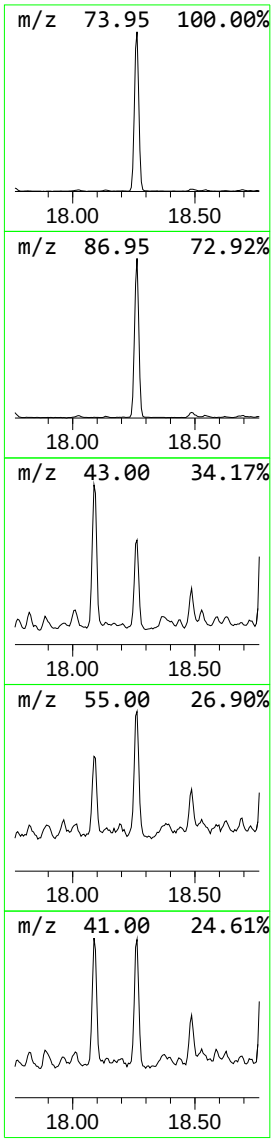
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	26.72 ng	887599	Phenanthrene-d10	17.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90





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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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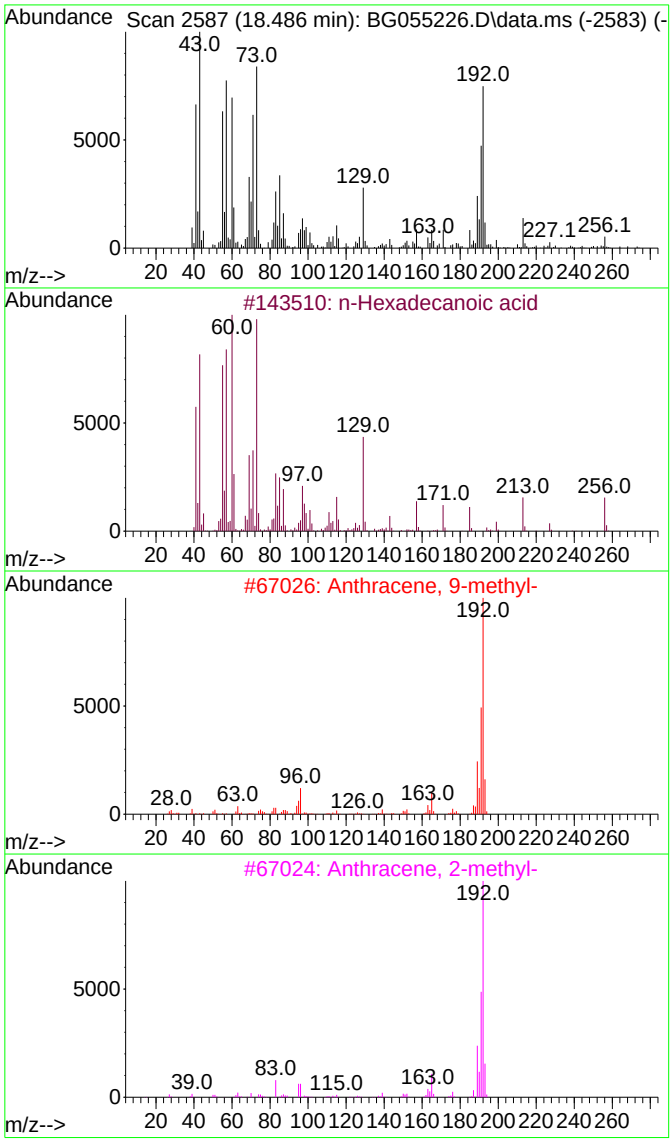
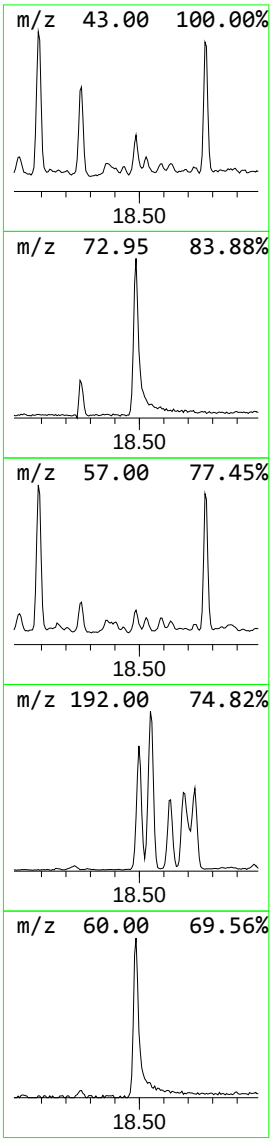
Peak Number 14 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	14.05 ng	466764	Phenanthrene-d10	17.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	80
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	59





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Sample : N5184-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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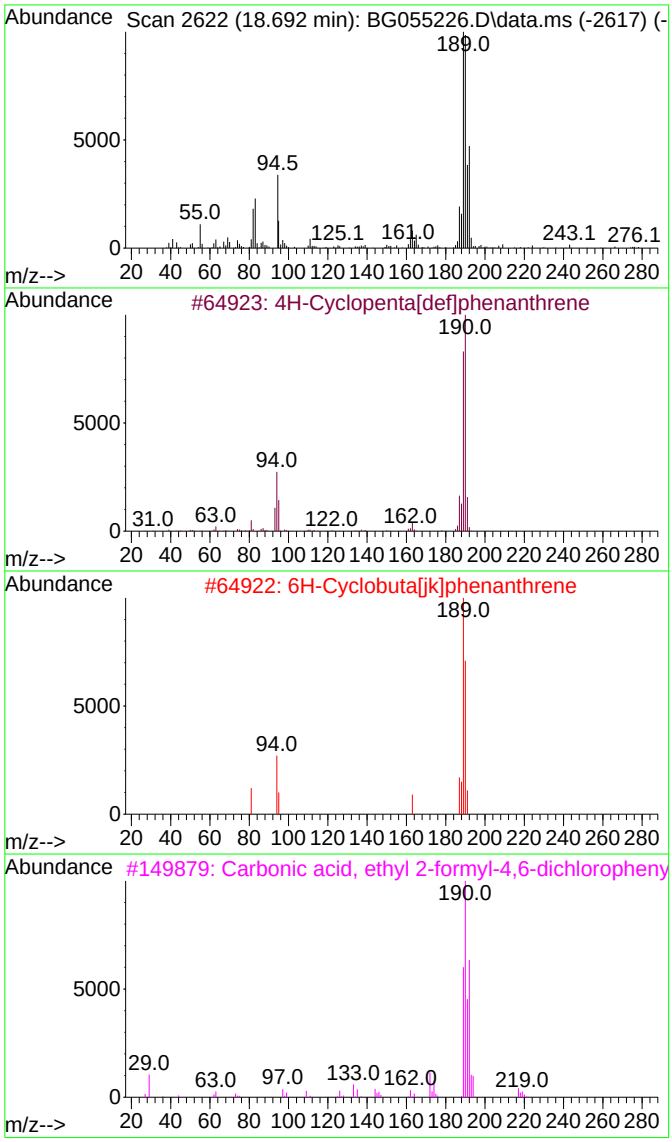
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

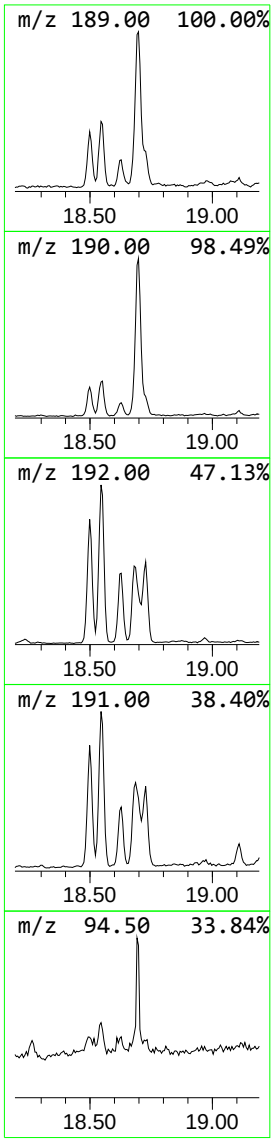
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	9.10 ng	302463	Phenanthrene-d10	17.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	28
4	1-Aminocyclopentanecarboxylic ac...	445	C24H44ClNO4	1000329-17-5	27
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	25





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ALS Vial : 11 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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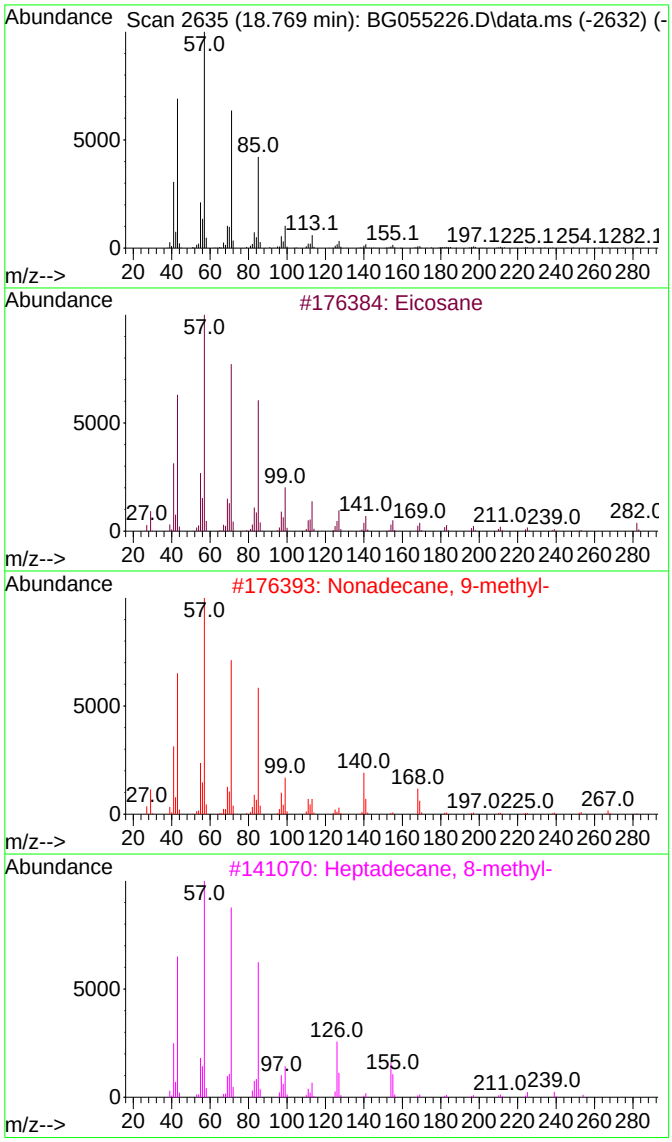
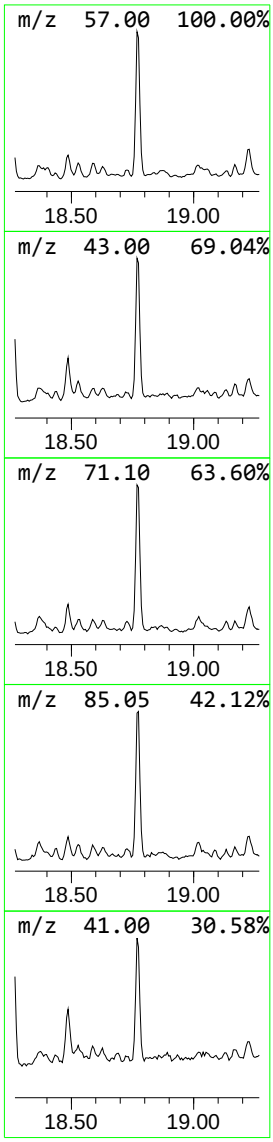
Peak Number 16 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.769	17.26 ng	573300	Phenanthrene-d10	17.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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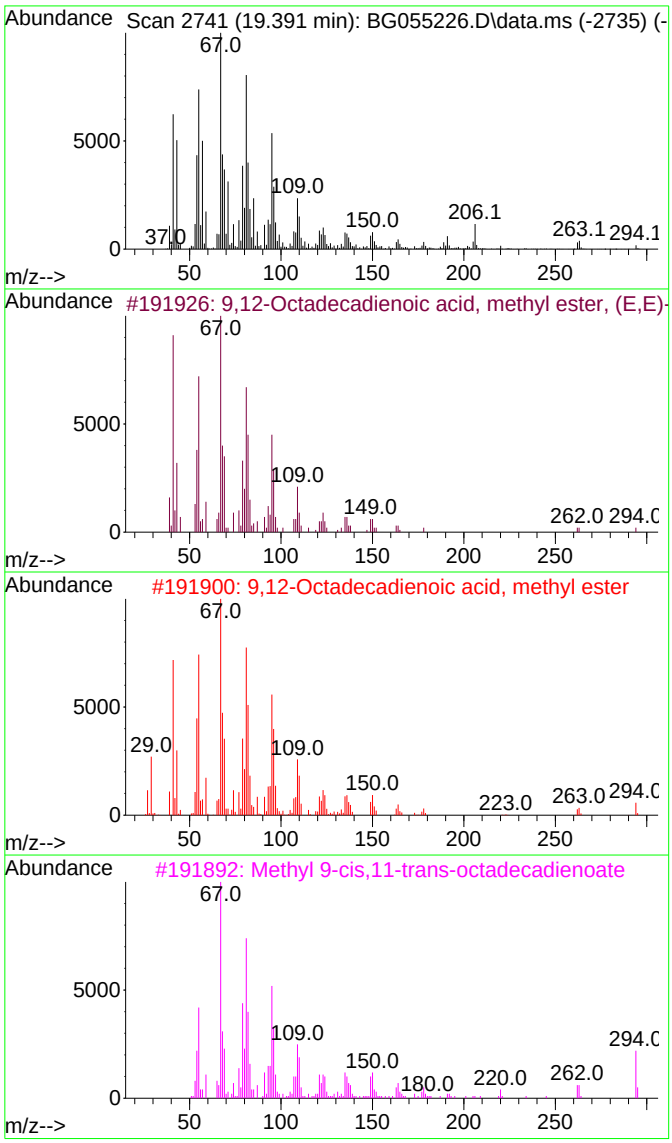
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

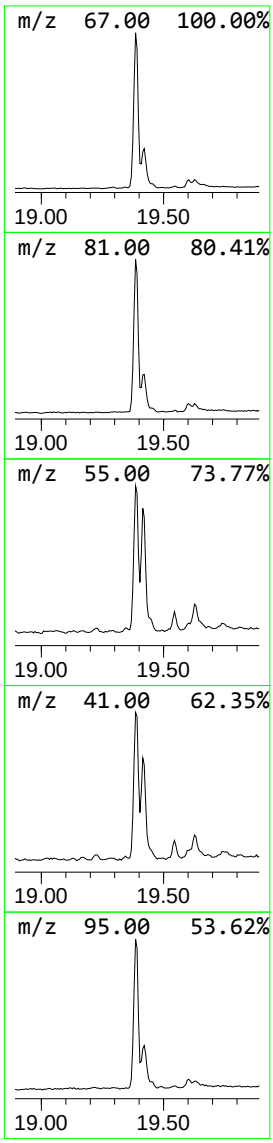
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.391	100.87 ng	3351110	Phenanthrene-d10	17.629

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, methy...	294	C19H34O2	002462-85-3	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
Data File : BG055226.D
Acq On : 20 Oct 2022 19:13
Operator : CG/JU
Sample : N5184-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-101822

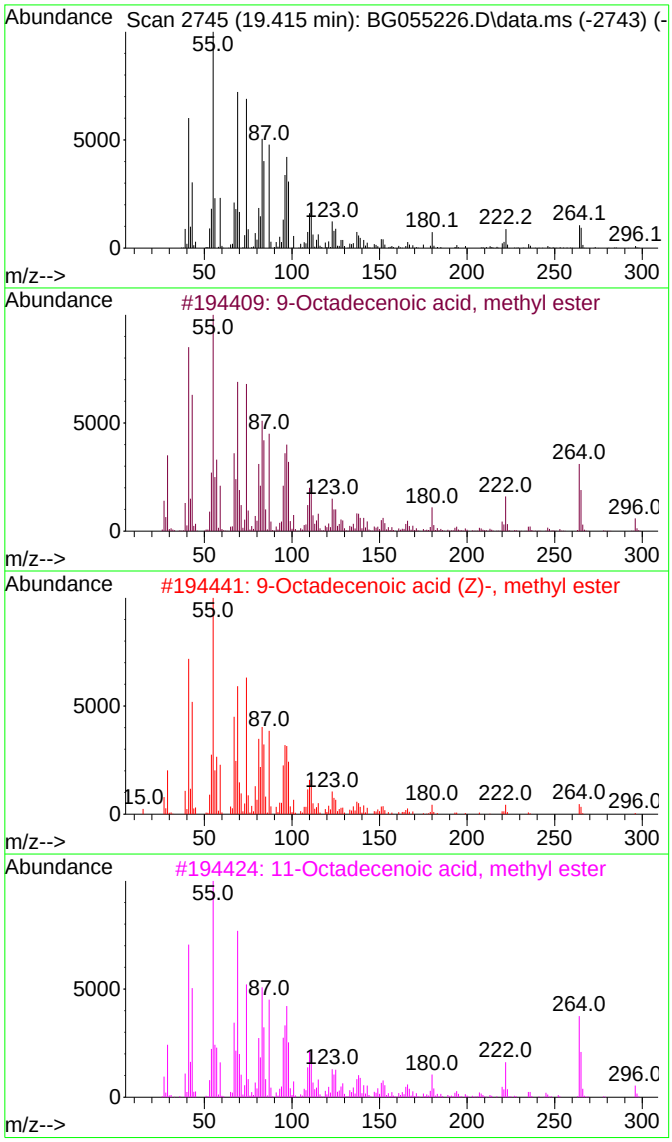
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

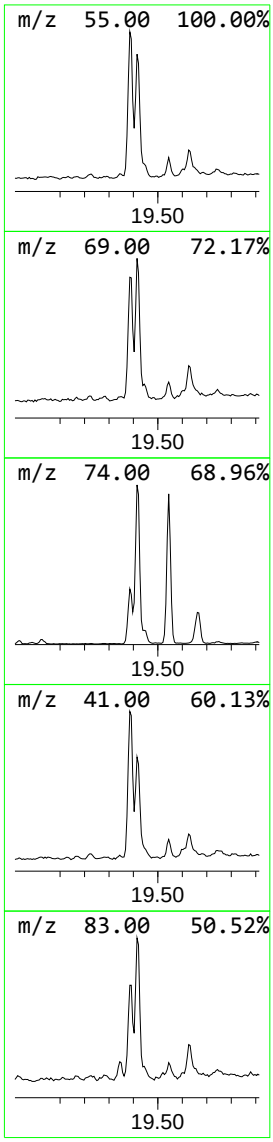
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.415	64.09 ng	2129130	Phenanthrene-d10	17.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	96
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94
4	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	93
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
Data File : BG055226.D
Acq On : 20 Oct 2022 19:13
Operator : CG/JU
Sample : N5184-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-101822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

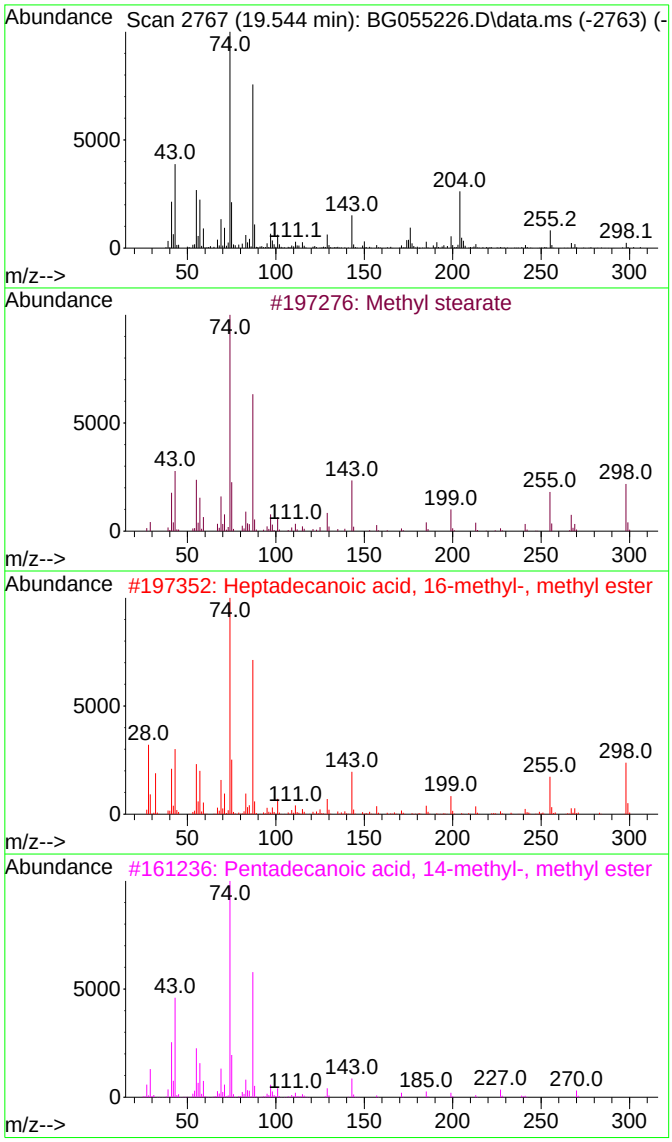
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

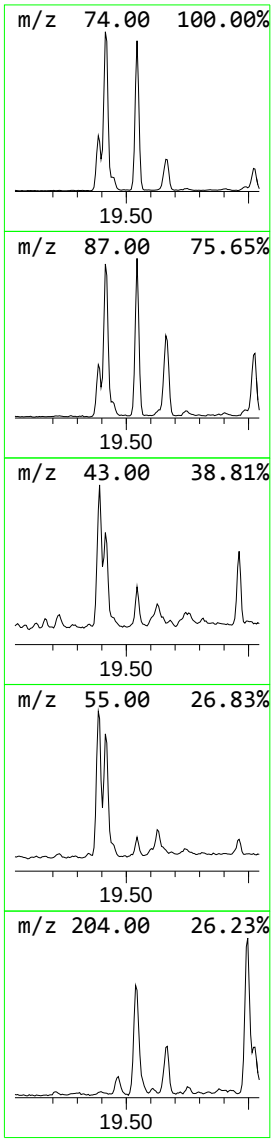
****

Peak Number 19 Methyl stearate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.544	13.80 ng	458552	Phenanthrene-d10	17.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	96
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	83
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
Data File : BG055226.D
Acq On : 20 Oct 2022 19:13
Operator : CG/JU
Sample : N5184-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-101822

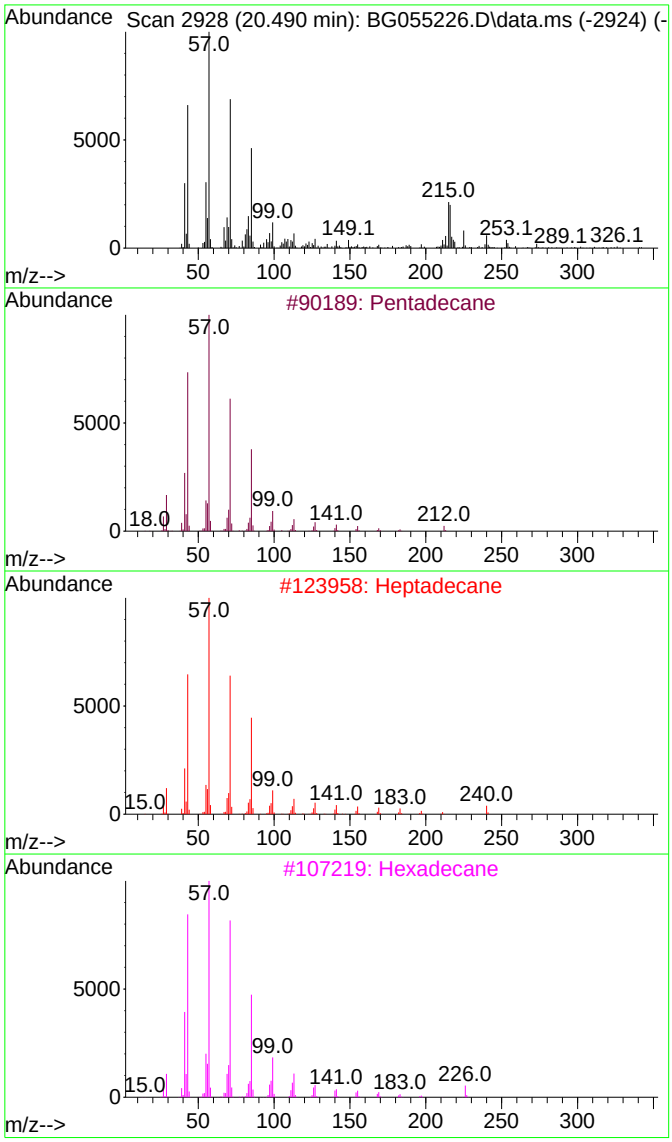
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

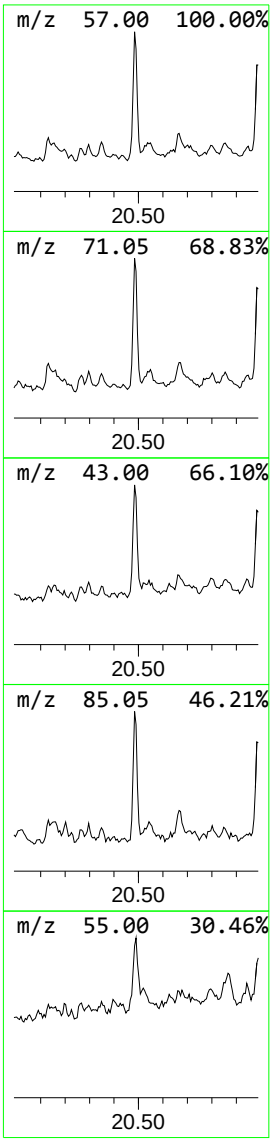
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 3-Ethyl-2,6,10-trimethylund... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.490	6.36 ng	498487	Chrysene-d12	21.918

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Heptadecane	240	C17H36	000629-78-7	86
3	Hexadecane	226	C16H34	000544-76-3	83
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	83
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
Data File : BG055226.D
Acq On : 20 Oct 2022 19:13
Operator : CG/JU
Sample : N5184-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-101822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.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-...	5.325	20.8	ng	436433	1	8.287	420608	20.0
Tridecane	12.488	10.7	ng	322072	2	11.119	603534	20.0
Tetradecane	13.704	14.9	ng	555981	3	14.897	744191	20.0
Pentadecane, 7-...	14.350	11.8	ng	440508	3	14.897	744191	20.0
Pentadecane	14.761	17.4	ng	647324	3	14.897	744191	20.0
Tridecane, 7-he...	15.373	7.8	ng	288396	3	14.897	744191	20.0
Hexadecane	15.707	21.2	ng	788499	3	14.897	744191	20.0
Heptacosane	16.107	11.1	ng	411321	3	14.897	744191	20.0
Heptadecane	16.559	26.9	ng	892194	4	17.629	664433	20.0
Nonadecane	17.352	23.6	ng	784970	4	17.629	664433	20.0
Hexadecane, 1-i...	17.405	13.8	ng	458092	4	17.629	664433	20.0
Dodecane, 2-met...	18.087	20.2	ng	670015	4	17.629	664433	20.0
Hexadecanoic ac...	18.263	26.7	ng	887599	4	17.629	664433	20.0
n-Hexadecanoic ...	18.486	14.1	ng	466764	4	17.629	664433	20.0
4H-Cyclopenta[d...	18.692	9.1	ng	302463	4	17.629	664433	20.0
Eicosane	18.769	17.3	ng	573300	4	17.629	664433	20.0
9,12-Octadecadi...	19.391	100.9	ng	3351110	4	17.629	664433	20.0
9-Octadecenoic ...	19.415	64.1	ng	2129130	4	17.629	664433	20.0
Methyl stearate	19.544	13.8	ng	458552	4	17.629	664433	20.0
3-Ethyl-2,6,10-...	20.490	6.4	ng	498487	5	21.918	1567020	20.0