LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044826.D
Acq On : 16 Mar 2020 23:34
Operator : CG/JU
Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

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-BG031020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.155	5	11	20	rBV2	212697	456968	3.39%	0.478%
2	5.617	422	430	441	rBV	839278	1398678	10.37%	1.464%
3	7.203	693	700	709	rVB	896643	1582481	11.73%	1.657%
4	8.049	837	844	851	rBV	462862	832496	6.17%	0.871%
5	8.379	888	900	906	rBV	694113	1292315	9.58%	1.353%
6	8.702	950	955	968	rVB5	68603	151369	1.12%	0.158%
7	9.207	1026	1041	1050	rBV	561808	1327497	9.84%	1.390%
8	9.301	1052	1057	1062	rVB	108411	190612	1.41%	0.200%
9	9.424	1067	1078	1085	rVB	71180	224993	1.67%	0.236%
10	9.794	1136	1141	1146	rVB3	88345	162370	1.20%	0.170%
11	10.053	1180	1185	1192	rBV6	83398	182647	1.35%	0.191%
12	10.223	1207	1214	1217	rBV3	102252	193897	1.44%	0.203%
13	10.494	1256	1260	1266	rVB	121757	234999	1.74%	0.246%
14	10.858	1313	1322	1328	rBV2	836603	1706841	12.65%	1.787%
15	11.040	1349	1353	1358	rVB	118747	179541	1.33%	0.188%
16	11.581	1440	1445	1451	rVB7	120529	227810	1.69%	0.238%
17	11.716	1462	1468	1473	rBV4	163583	286588	2.12%	0.300%
18	11.786	1473	1480	1487	rBV4	158898	395586	2.93%	0.414%
19	11.904	1494	1500	1508	rBV4	186488	470856	3.49%	0.493%
20	11.974	1508	1512	1518	rVB	77315	144521	1.07%	0.151%
21	12.057	1519	1526	1534	rBV2	308464	590185	4.38%	0.618%
22	12.292	1560	1566	1577	rBV	541318	886821	6.57%	0.928%
23	12.403	1581	1585	1591	rVB4	127638	217185	1.61%	0.227%
24	12.509	1597	1603	1611	rVB6	183867	454865	3.37%	0.476%
25	12.773	1643	1648	1652	rVB2	273324	448759	3.33%	0.470%
26	12.920	1665	1673	1677	rBV8	109925	238121	1.77%	0.249%
27	12.961	1677	1680	1687	rVB6	83238	170927	1.27%	0.179%
28	13.026	1687	1691	1695	rBV5	124117	222010	1.65%	0.232%
29	13.185	1714	1718	1723	rBV5	155310	293970	2.18%	0.308%
30	13.243	1723	1728	1732	rVV2	373118	546612	4.05%	0.572%
31	13.308	1732	1739	1751	rVB	1371051	2235267	16.57%	2.340%
32	13.525	1770	1776	1784	rBV	959412	1464057	10.85%	1.533%
33	13.631	1789	1794	1799	rVV2	240787	464634	3.44%	0.486%
34	13.684	1800	1803	1808	rVB5	122708	179569	1.33%	0.188%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044826.D
Acq On : 16 Mar 2020 23:34
Operator : CG/JU
Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

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-BG031020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.849	1826	1831	1839	rBV8	144888	373012	2.77%	0.390%
36	14.001	1847	1857	1862	rBV6	148500	601366	4.46%	0.630%
37	14.060	1862	1867	1870	rVB6	179050	317905	2.36%	0.333%
38	14.183	1885	1888	1892	rVV2	230632	302378	2.24%	0.317%
39	14.219	1892	1894	1901	rVB4	169772	212208	1.57%	0.222%
40	14.401	1921	1925	1930	rBV4	84407	160245	1.19%	0.168%
41	14.595	1953	1958	1963	rBV	1190869	1671275	12.39%	1.750%
42	14.683	1967	1973	1980	rVB2	872921	1593141	11.81%	1.668%
43	14.806	1990	1994	2004	rVB	1064850	1552876	11.51%	1.626%
44	15.053	2030	2036	2040	rBV5	144525	381397	2.83%	0.399%
45	15.100	2040	2044	2050	rVB4	246564	403120	2.99%	0.422%
46	15.153	2050	2053	2057	rBV3	136702	181172	1.34%	0.190%
47	15.218	2060	2064	2071	rVB4	319632	564284	4.18%	0.591%
48	15.288	2072	2076	2079	rBV2	137803	224823	1.67%	0.235%
49	15.547	2115	2120	2125	rVB	1321925	1729582	12.82%	1.811%
50	15.729	2148	2151	2155	rBV5	121456	182492	1.35%	0.191%
51	15.958	2183	2190	2194	rBV	480487	841652	6.24%	0.881%
52	16.105	2211	2215	2220	rBV3	174897	320543	2.38%	0.336%
53	16.169	2221	2226	2234	rVB2	1162270	1845221	13.68%	1.932%
54	16.410	2262	2267	2270	rBV	1448141	1968211	14.59%	2.060%
55	16.440	2270	2272	2278	rVB	550388	622919	4.62%	0.652%
56	16.592	2293	2298	2302	rBV	661562	853961	6.33%	0.894%
57	16.751	2322	2325	2328	rBV	112075	157995	1.17%	0.165%
58	17.203	2397	2402	2406	rBV	1188570	1538721	11.41%	1.611%
59	17.256	2407	2411	2422	rVB2	491390	908759	6.74%	0.951%
60	17.433	2436	2441	2444	rBV	903717	1418232	10.51%	1.485%
61	17.474	2444	2448	2452	rVB	601064	879367	6.52%	0.921%
62	17.673	2479	2482	2486	rBV	110058	138558	1.03%	0.145%
63	17.744	2491	2494	2500	rVB4	127155	176459	1.31%	0.185%
64	17.867	2512	2515	2520	rVB4	127829	189233	1.40%	0.198%
65	17.944	2523	2528	2532	rBV	1128557	1409742	10.45%	1.476%
66	18.114	2551	2557	2562	rVB	3909562	5085045	37.70%	5.323%
67	18.332	2592	2594	2596	rBV3	121329	138676	1.03%	0.145%
68	18.496	2618	2622	2626	rBV2	160167	244584	1.81%	0.256%
69	18.631	2641	2645	2654	rVB	916636	1214809	9.01%	1.272%
70	18.802	2669	2674	2679	rBV4	109664	242849	1.80%	0.254%
71	19.095	2721	2724	2728	rVB2	149555	177981	1.32%	0.186%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044826.D
Acq On : 16 Mar 2020 23:34
Operator : CG/JU
Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

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-BG031020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.248	2744	2750	2753	rBV	9134692	13221439	98.02%	13.841%
73	19.283	2753	2756	2760	rVB	11094226	13488397	100.00%	14.120%
74	19.360	2766	2769	2773	rVB5	157148	196031	1.45%	0.205%
75	19.407	2773	2777	2782	rBV	1666634	2077036	15.40%	2.174%
76	19.483	2782	2790	2800	rBV	1830183	3501452	25.96%	3.665%
77	19.771	2835	2839	2842	rVV2	242841	297613	2.21%	0.312%
78	19.836	2843	2850	2860	rVB2	1559054	2790452	20.69%	2.921%
79	20.041	2880	2885	2889	rVB	1881562	2429662	18.01%	2.543%
80	20.265	2920	2923	2926	rBV2	155839	199573	1.48%	0.209%
81	20.364	2937	2940	2942	rBV	392261	380826	2.82%	0.399%
82	20.500	2959	2963	2966	rBV3	343036	384694	2.85%	0.403%
83	20.529	2966	2968	2973	rVB5	132093	173737	1.29%	0.182%
84	20.858	3021	3024	3028	rVB	270285	302681	2.24%	0.317%
85	21.369	3107	3111	3117	rVB3	358181	540910	4.01%	0.566%
86	21.698	3160	3167	3172	rBV2	1099124	2746017	20.36%	2.875%
87	21.751	3173	3176	3186	rVB	610314	971880	7.21%	1.017%
88	23.907	3538	3543	3551	rBV	315100	941491	6.98%	0.986%

Sum of corrected areas: 95524731

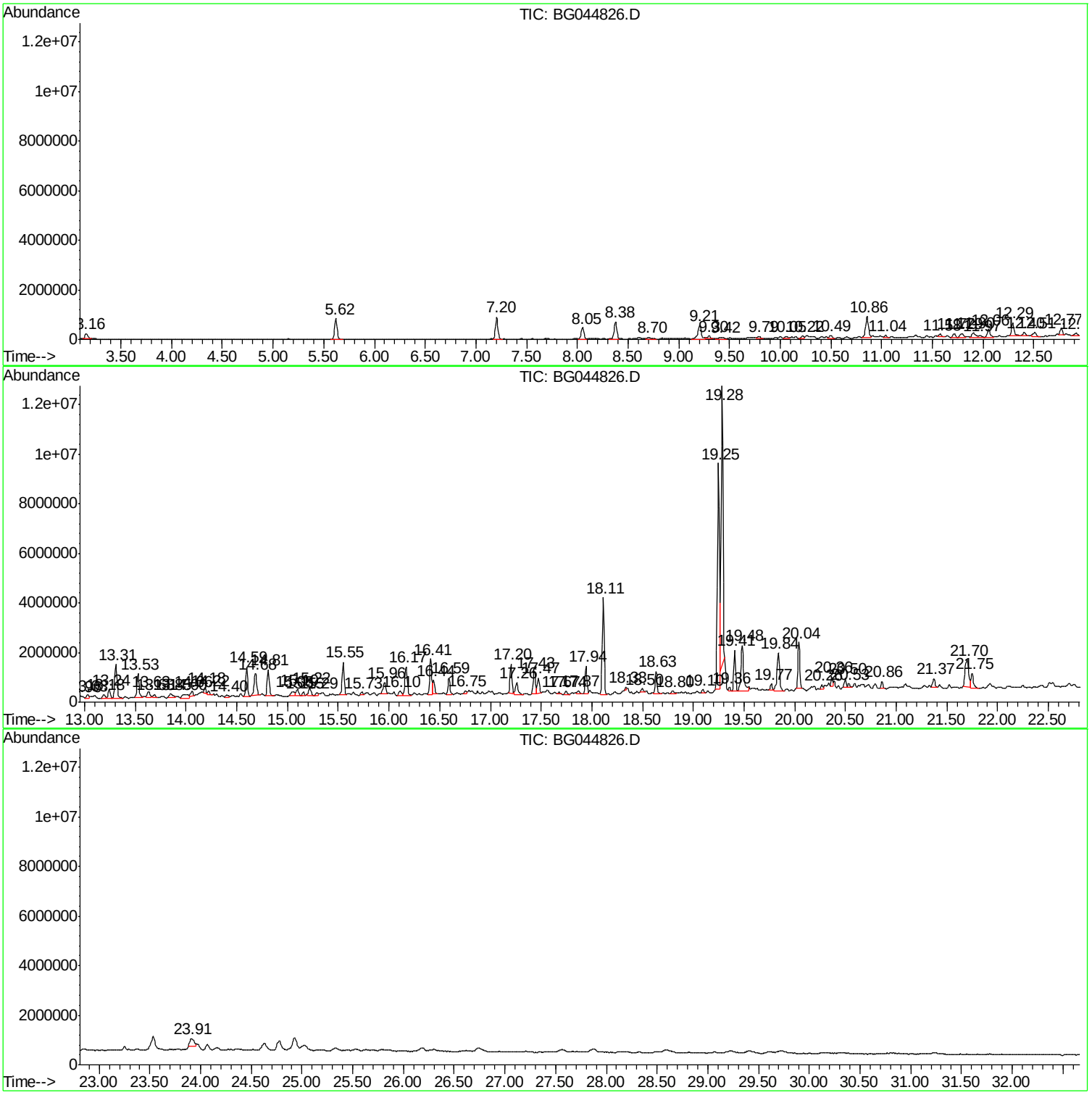
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044826.D
Acq On : 16 Mar 2020 23:34
Operator : CG/JU
Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044826.D
Acq On : 16 Mar 2020 23:34
Operator : CG/JU
Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

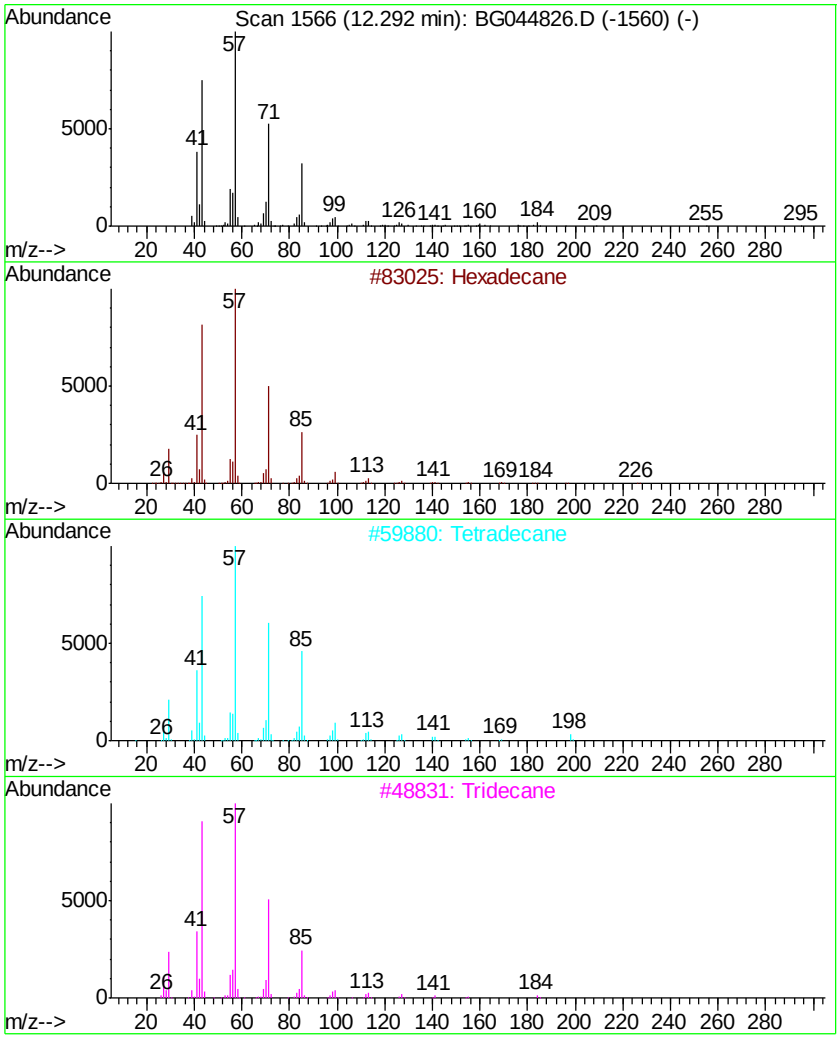
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

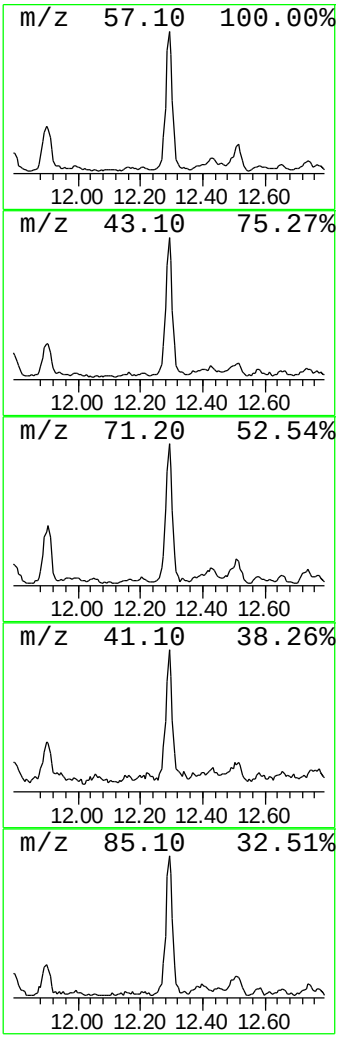
****

Peak Number 3 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	10.39 ng	886821	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	89
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044826.D
Acq On : 16 Mar 2020 23:34
Operator : CG/JU
Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

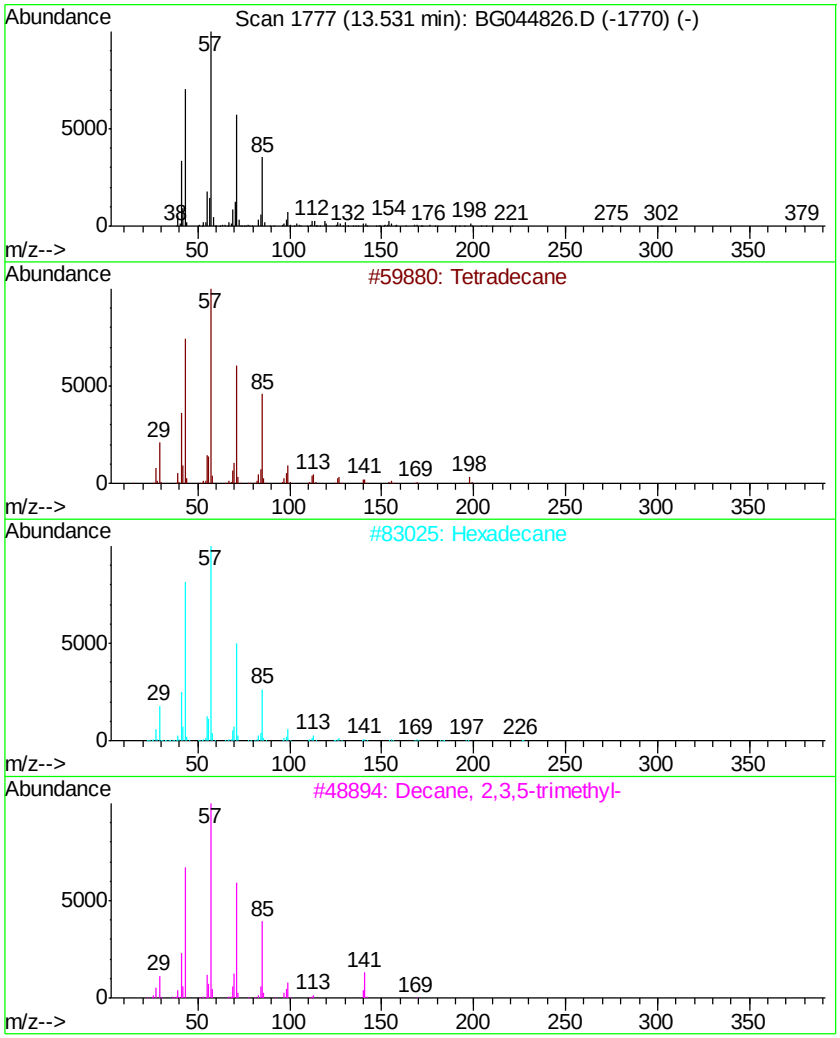
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

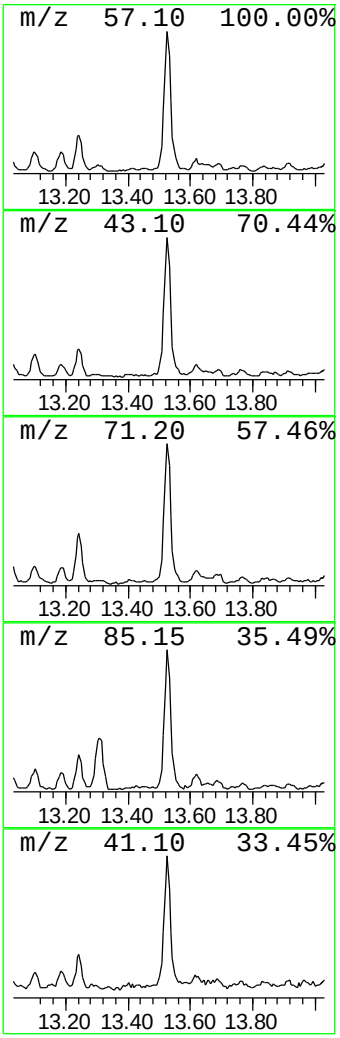
****

Peak Number 4 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	18.38 ng	1464060	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044826.D
Acq On : 16 Mar 2020 23:34
Operator : CG/JU
Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

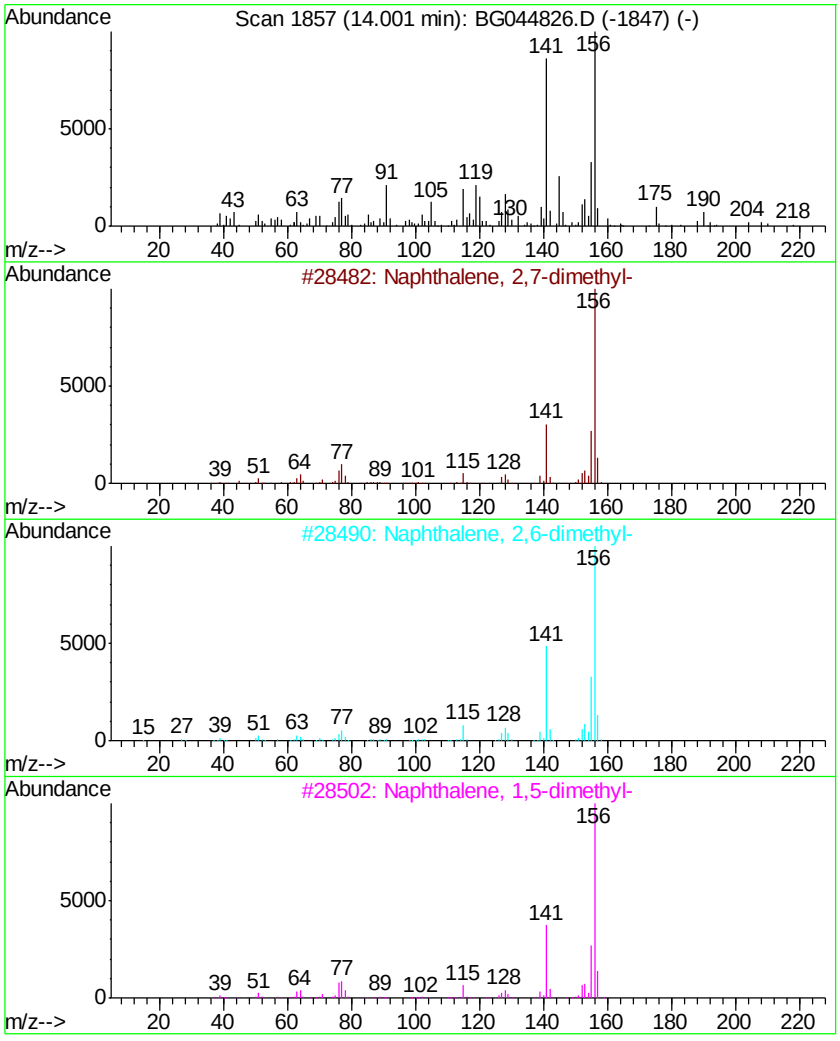
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

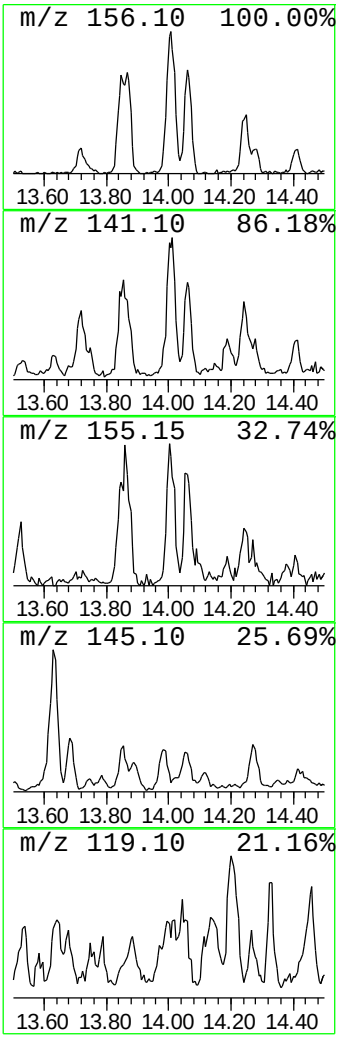
****

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	7.55 ng	601366	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044826.D
Acq On : 16 Mar 2020 23:34
Operator : CG/JU
Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

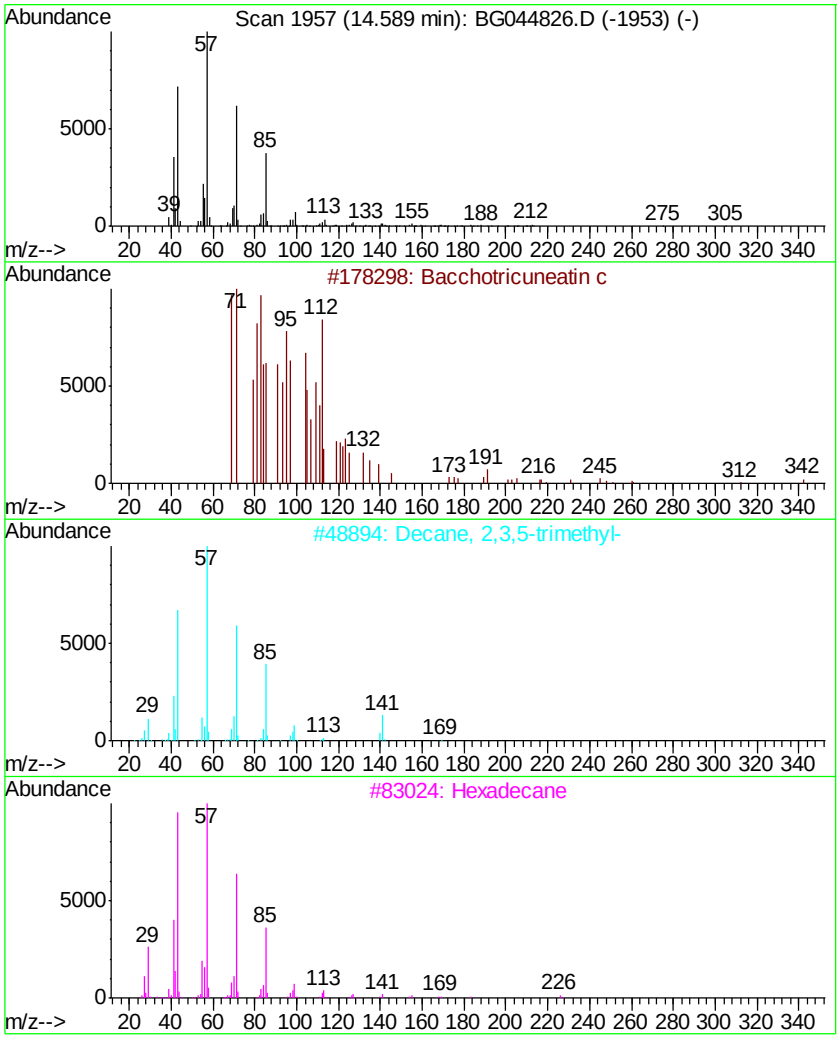
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

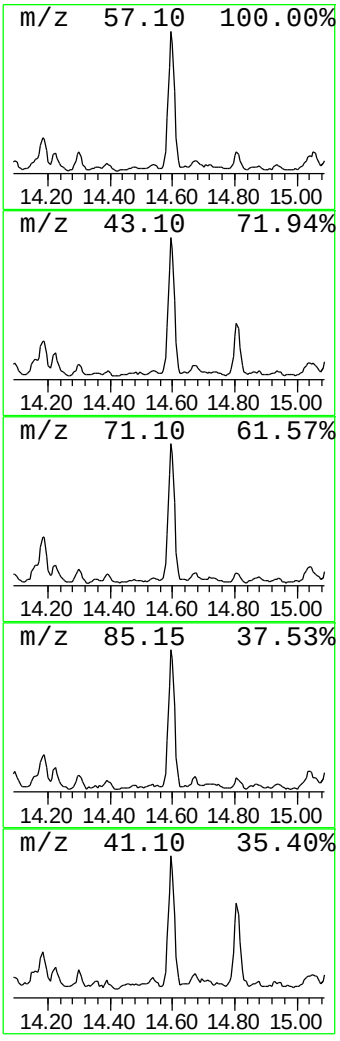
****

Peak Number 6 Bacchotricuneatin c Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	20.98 ng	1671280	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	99
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane	184	C13H28	000629-50-5	86
5	Heptadecane	240	C17H36	000629-78-7	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044826.D
Acq On : 16 Mar 2020 23:34
Operator : CG/JU
Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

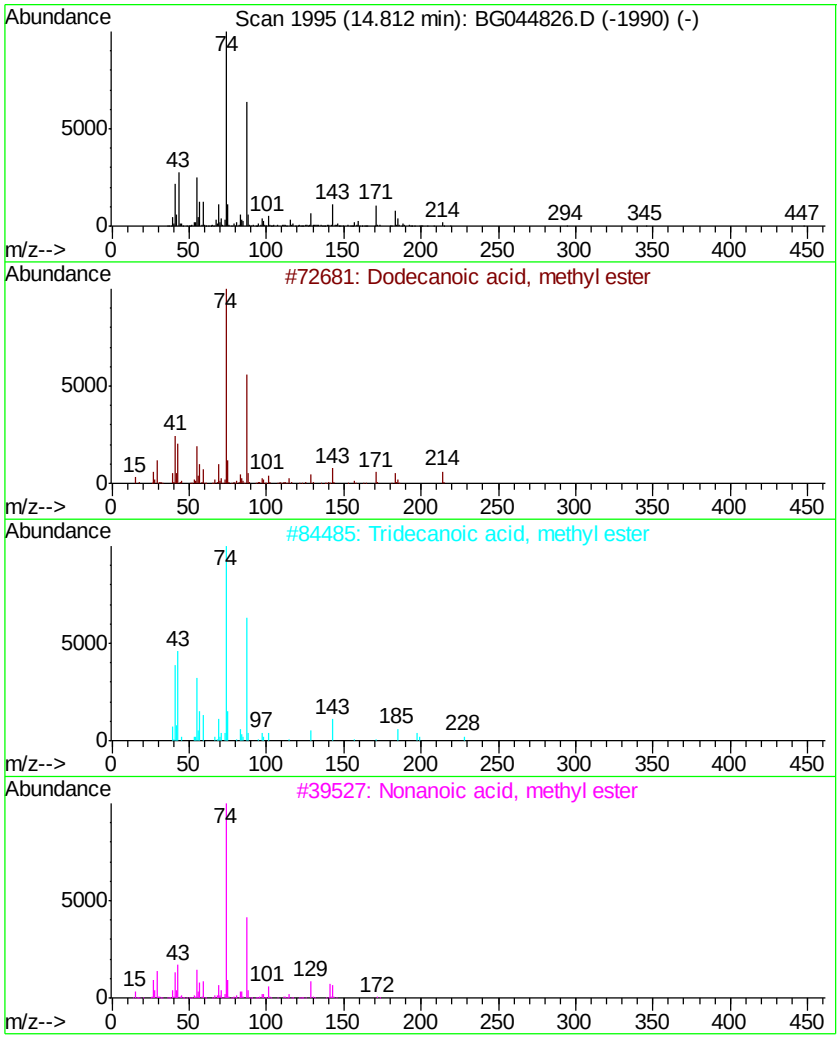
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

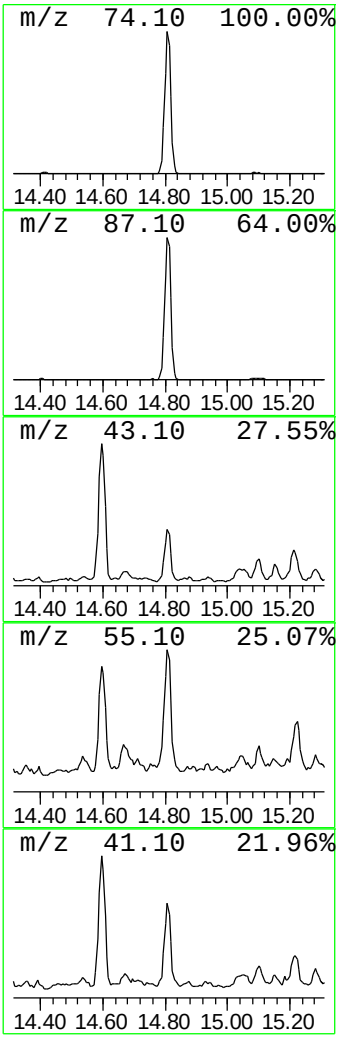
****

Peak Number 7 Dodecanoic acid, methyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	19.49 ng	1552880	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	91
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86
3	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	83
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	78
5	Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044826.D
Acq On : 16 Mar 2020 23:34
Operator : CG/JU
Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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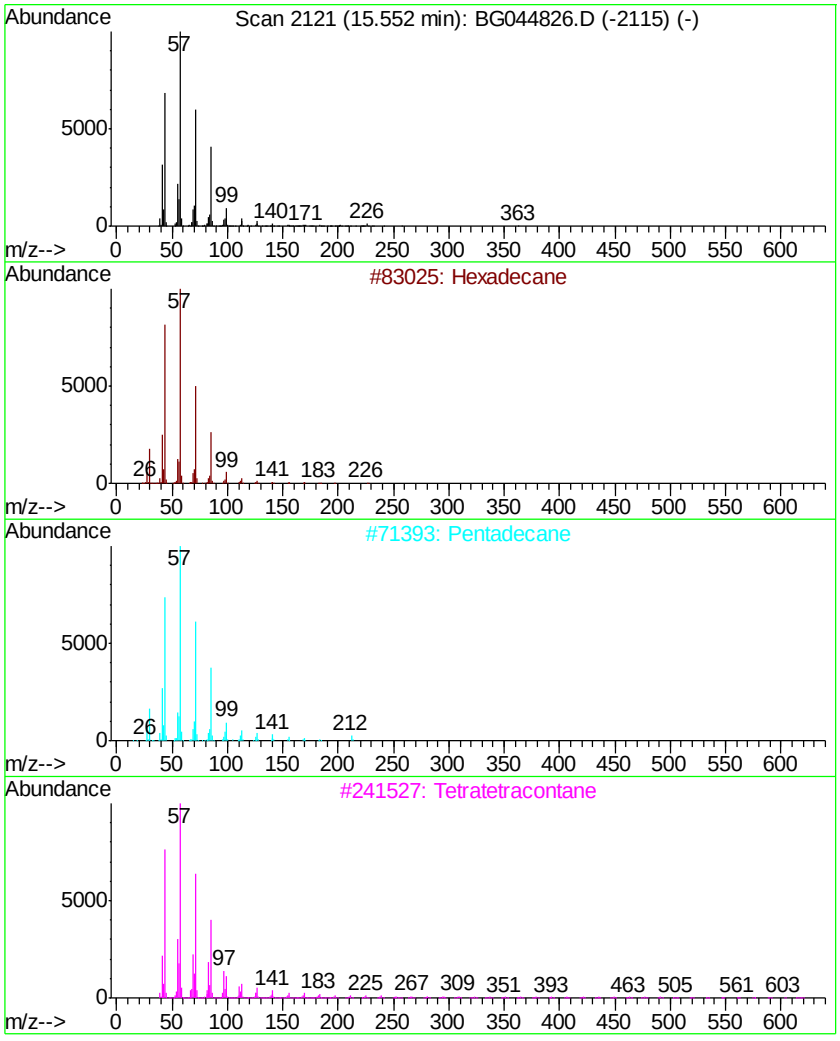
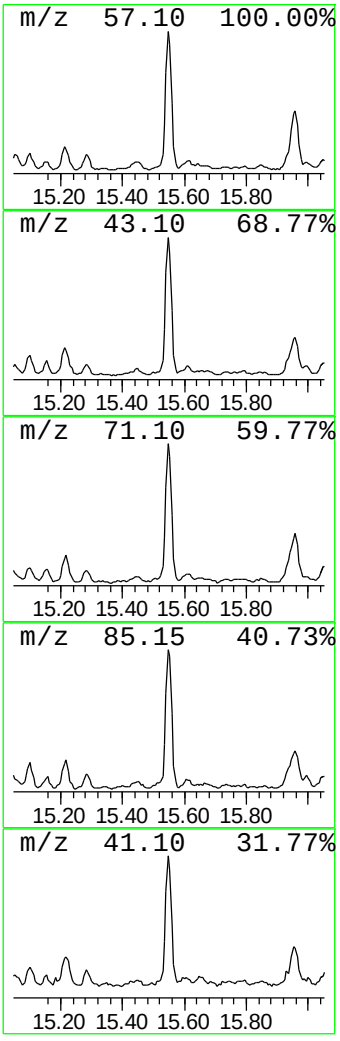
Peak Number 8 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	21.71 ng	1729580	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	83
5	Decane, 3-methyl-	156	C11H24	013151-34-3	83





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Acq On : 16 Mar 2020 23:34
Operator : CG/JU
Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

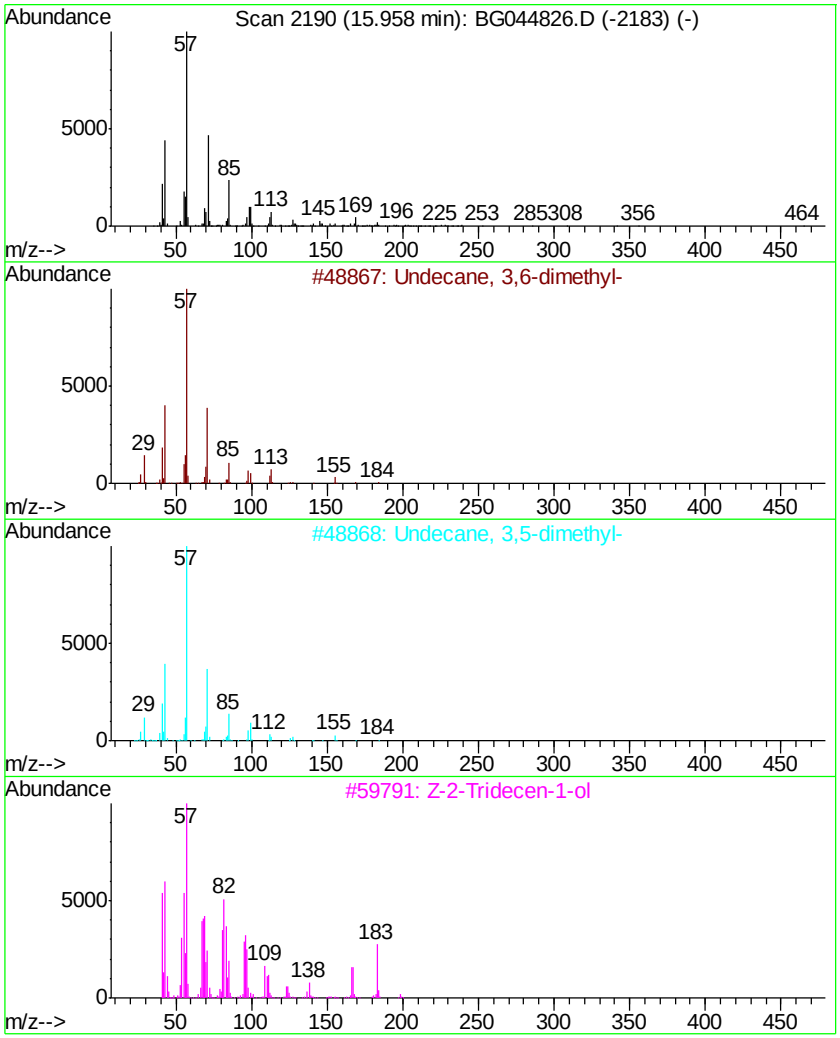
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

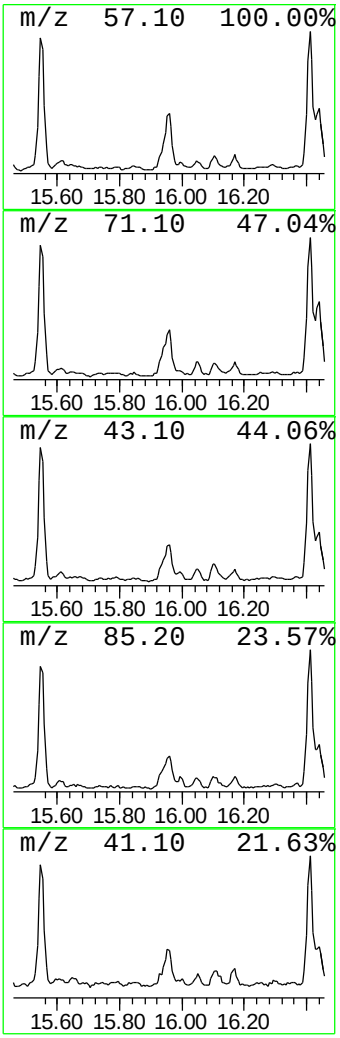
****

Peak Number 9 Undecane, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	10.57 ng	841652	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	81
3	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	70
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	68
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





Library Search Compound Report

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Data File : BG044826.D
Acq On : 16 Mar 2020 23:34
Operator : CG/JU
Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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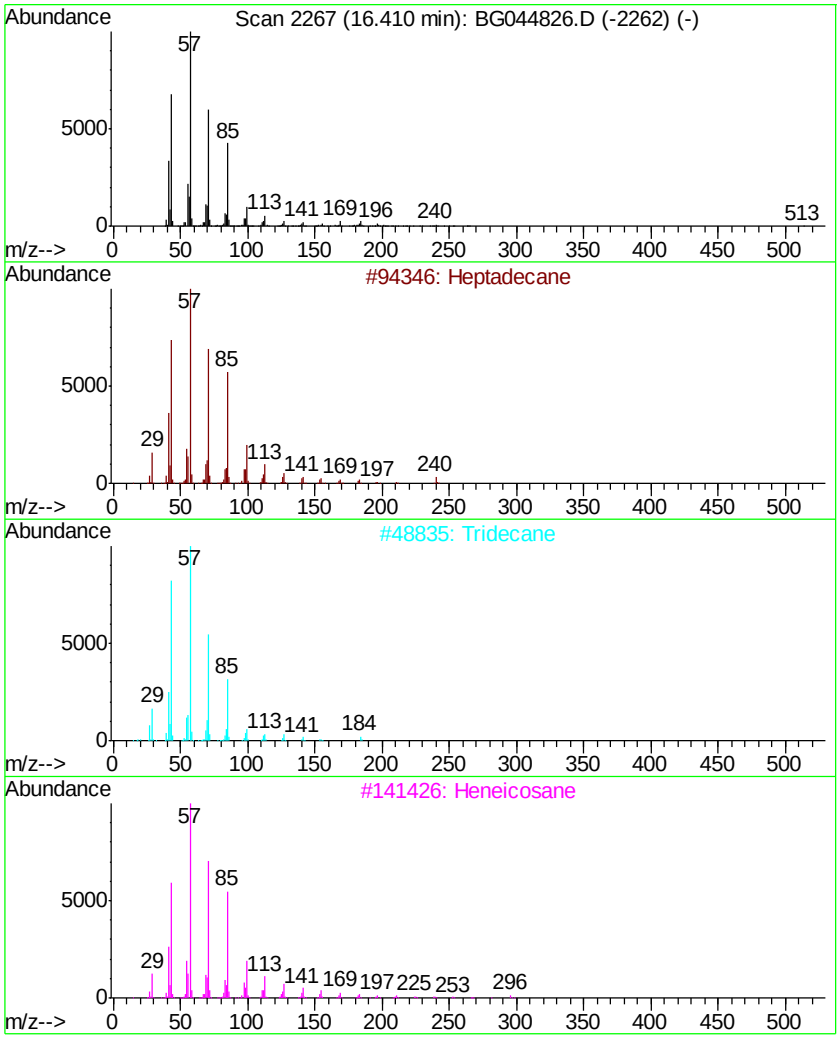
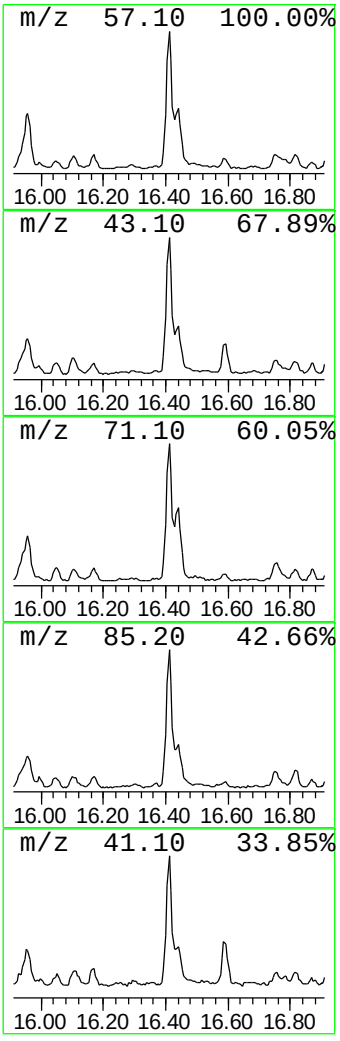
Peak Number 10 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	27.76 ng	1968210	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tridecane	184	C13H28	000629-50-5	94
3	Heneicosane	296	C21H44	000629-94-7	90
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Operator : CG/JU
Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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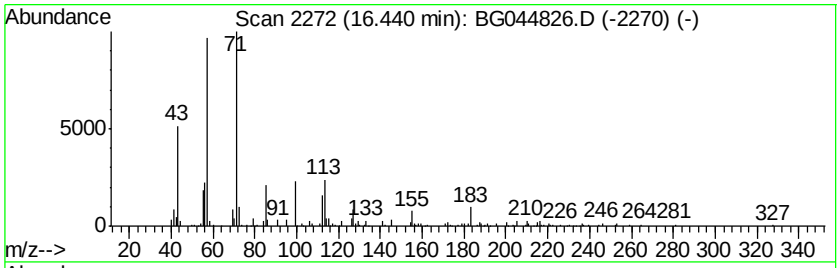
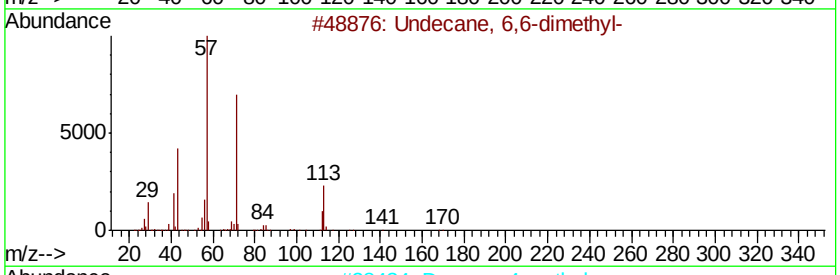
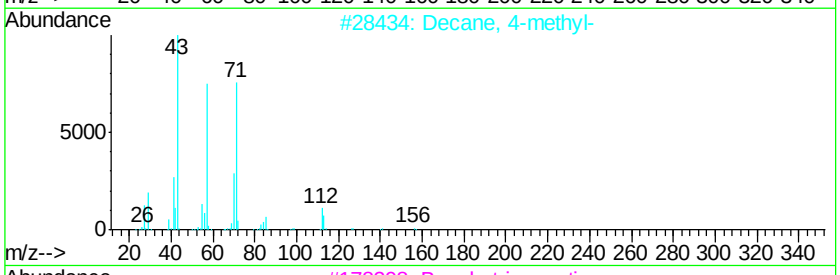
Peak Number 11 Undecane, 6,6-dimethyl- Concentration Rank 19

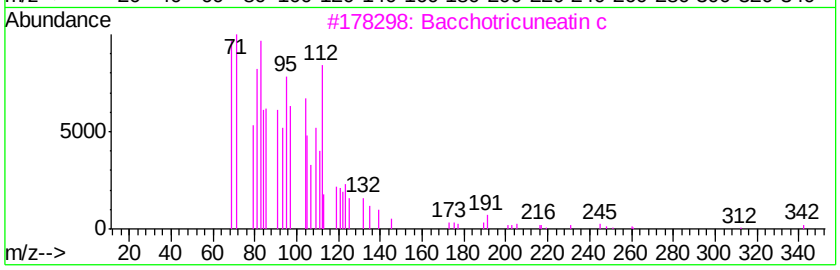
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	8.78 ng	622919	Phenanthrene-d10	17.43

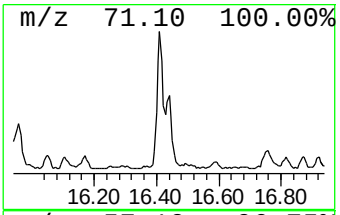
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53
2	Decane, 4-methyl-	156	C11H24	002847-72-5	50
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	49
4	Propanal, 2-propenylhydrazone	112	C6H12N2	019031-78-8	47
5	1-Methylcycloheptanol	128	C8H16O	003761-94-2	47

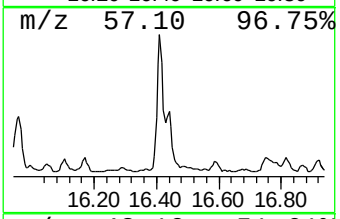


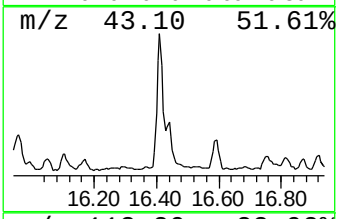


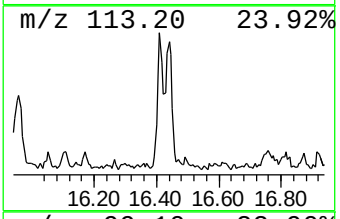


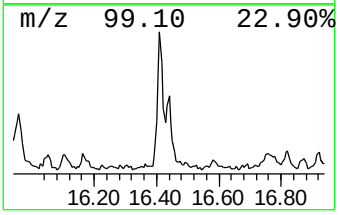












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044826.D
Acq On : 16 Mar 2020 23:34
Operator : CG/JU
Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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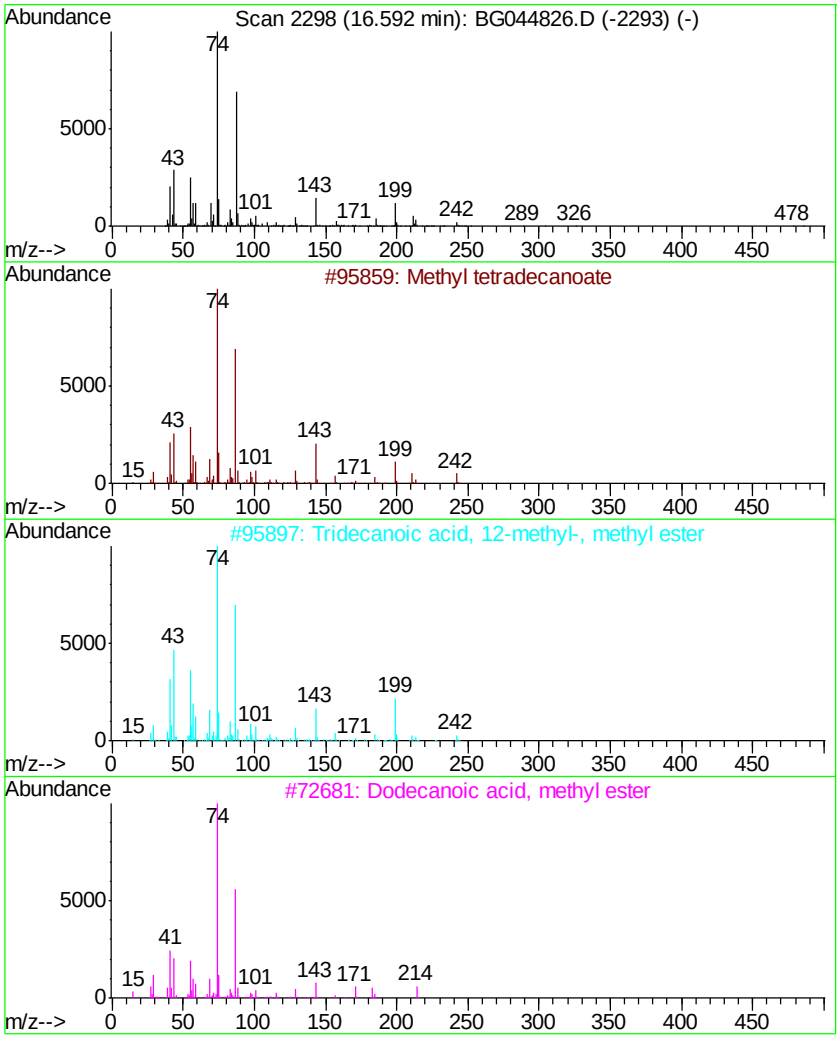
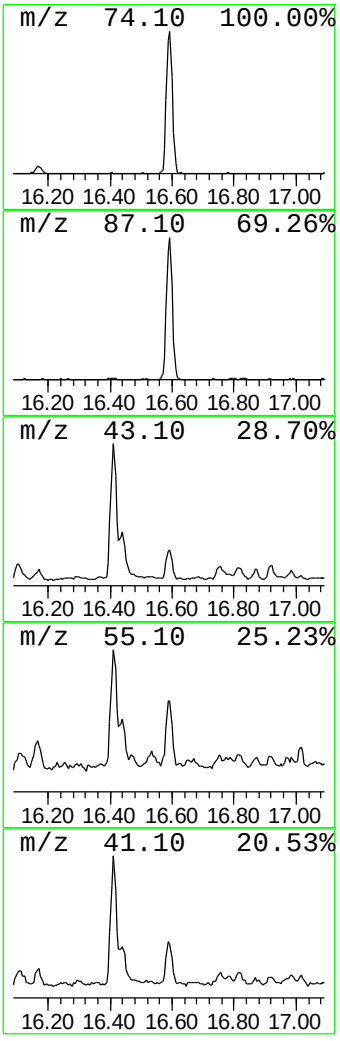
Peak Number 12 Methyl tetradecanoate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	12.04 ng	853961	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
2	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	87
3	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86
5	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	80





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Operator : CG/JU
Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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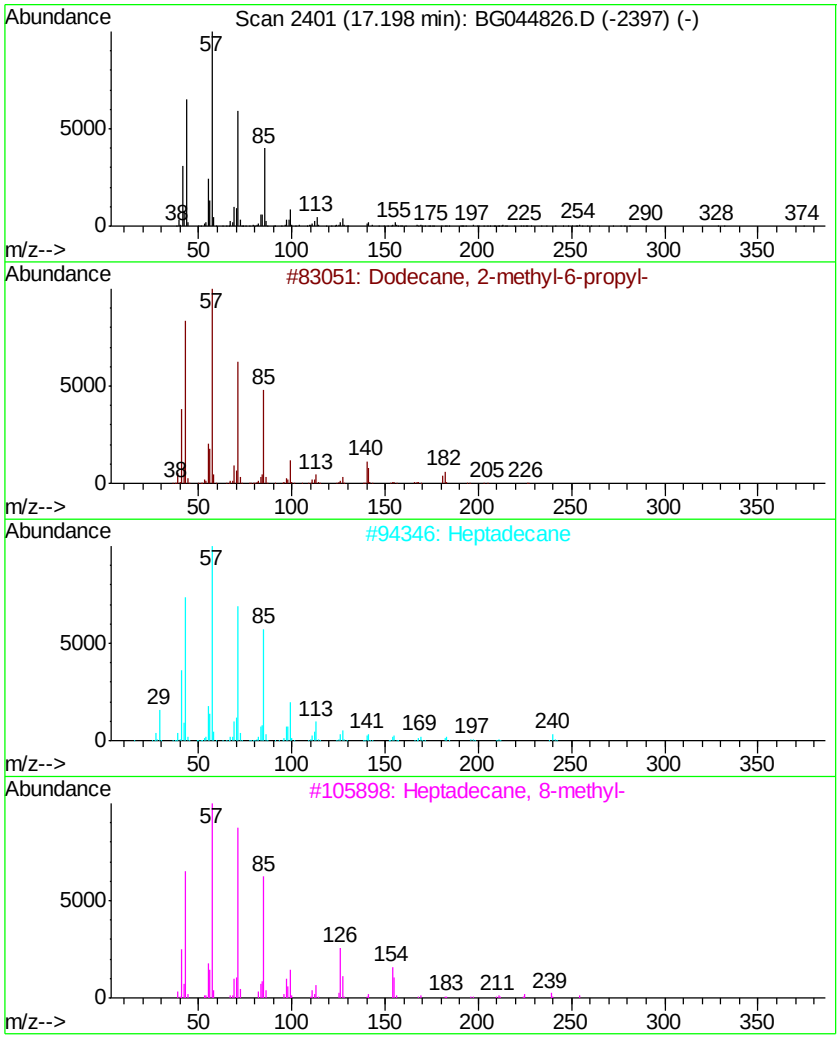
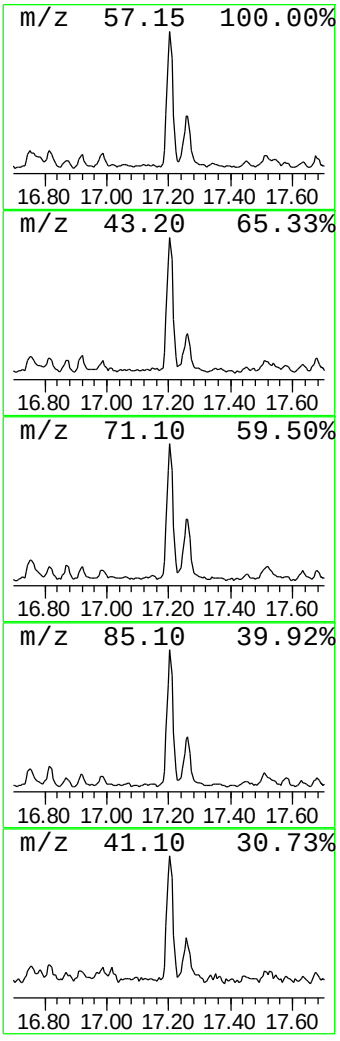
Peak Number 13 Dodecane, 2-methyl-6-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	21.70 ng	1538720	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	87
4	Tetradecane	198	C14H30	000629-59-4	86
5	Hexadecane	226	C16H34	000544-76-3	80





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Operator : CG/JU
Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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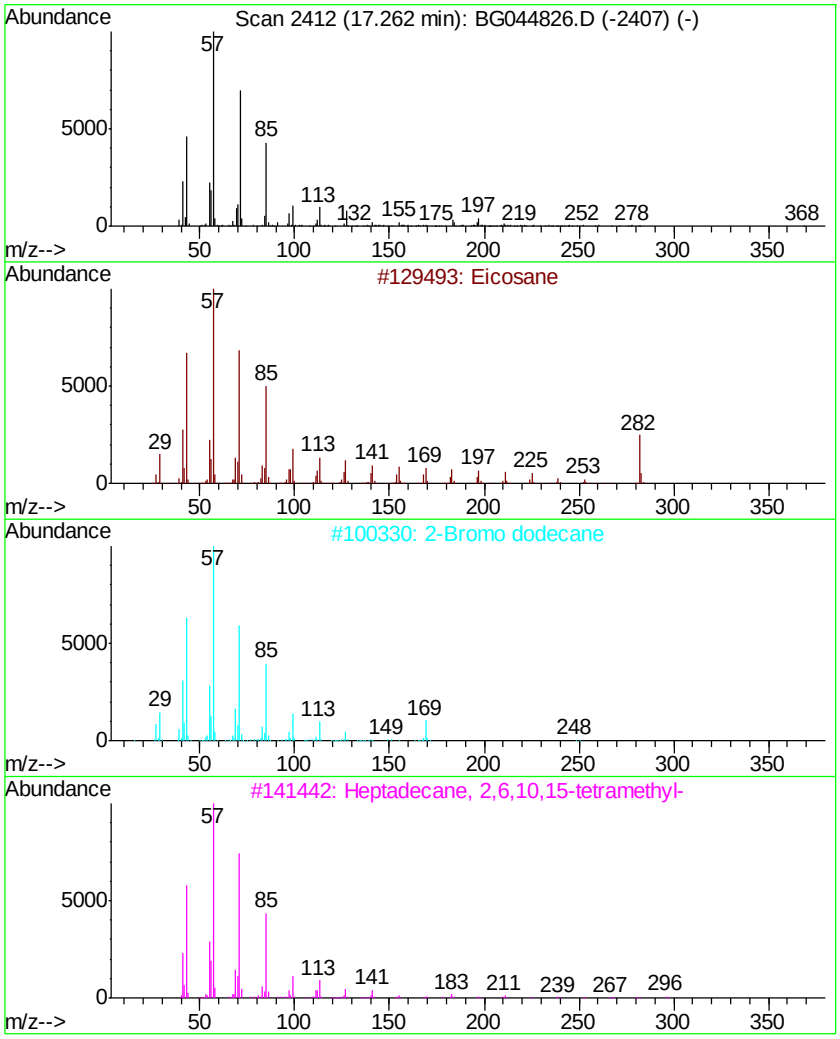
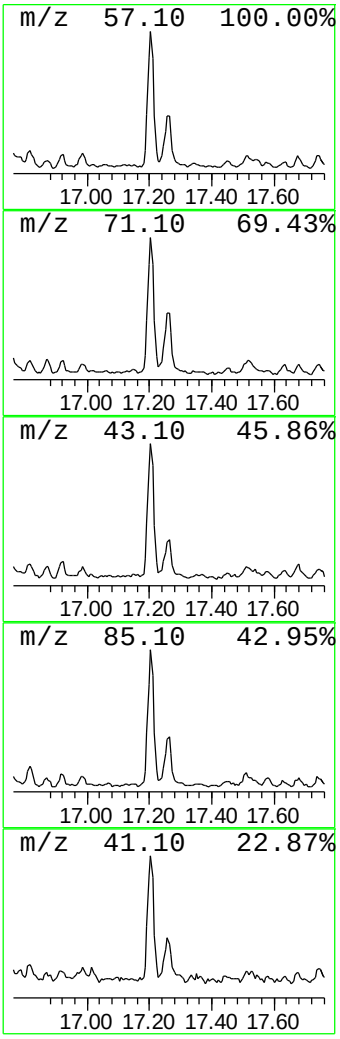
Peak Number 14 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	12.82 ng	908759	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Tridecane	184	C13H28	000629-50-5	83
5	Octadecane	254	C18H38	000593-45-3	78





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Sample : L1761-06 2X
Misc :
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Instrument : BNA_G
ClientSampleId : SU-01-031220

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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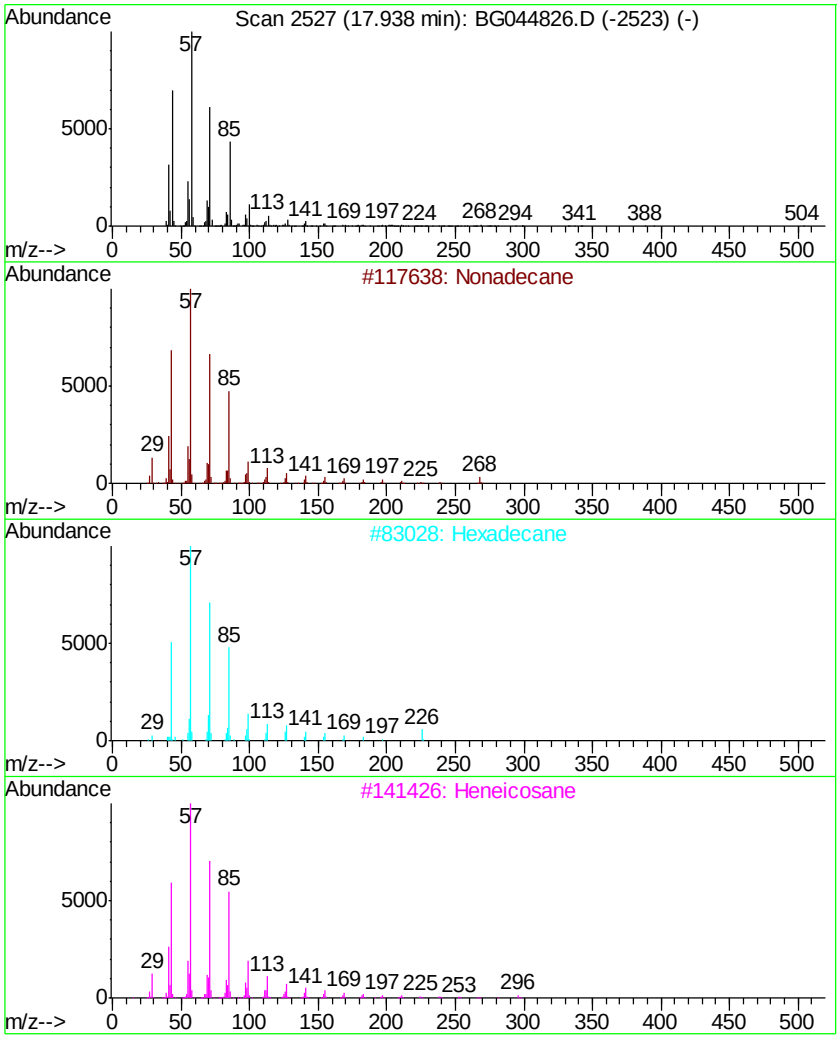
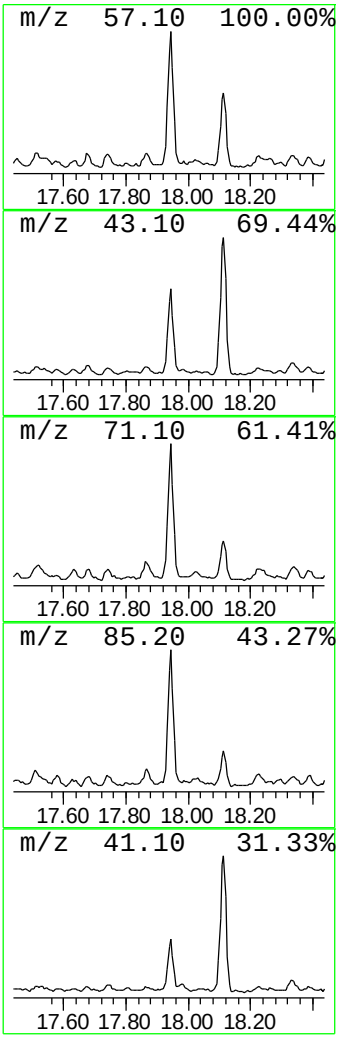
Peak Number 15 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	19.88 ng	1409740	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Hexadecane	226	C16H34	000544-76-3	96
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Octadecane	254	C18H38	000593-45-3	90





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Operator : CG/JU
Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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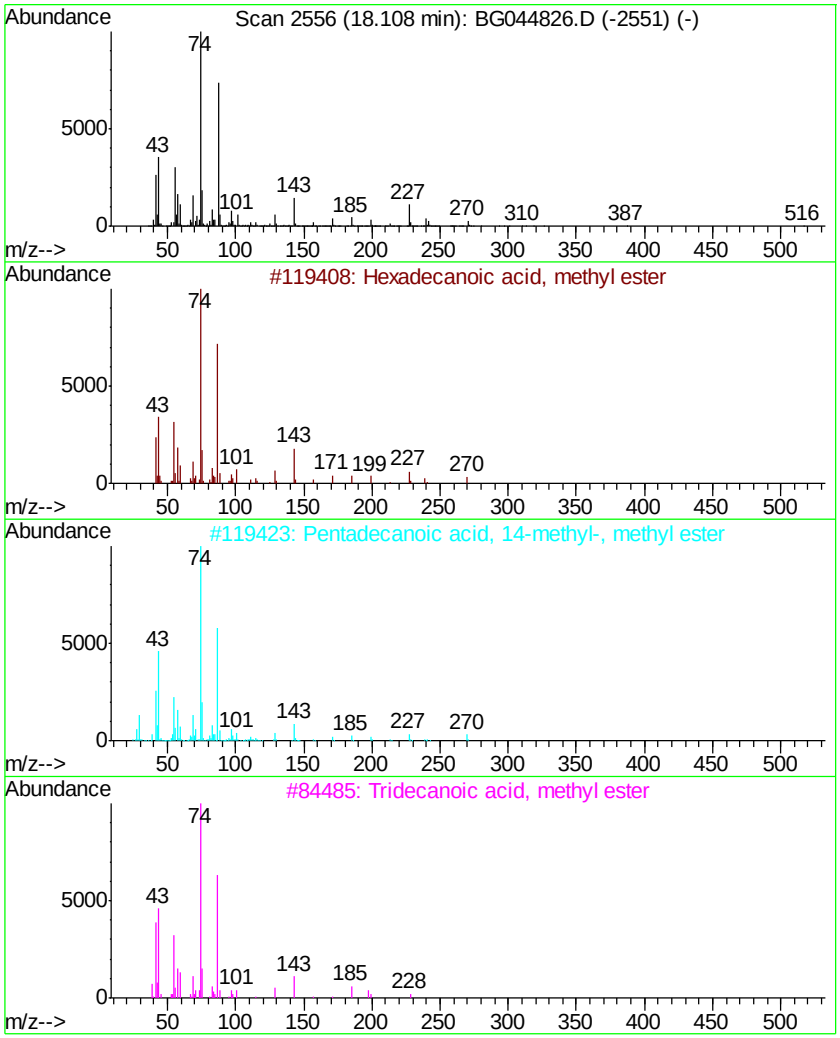
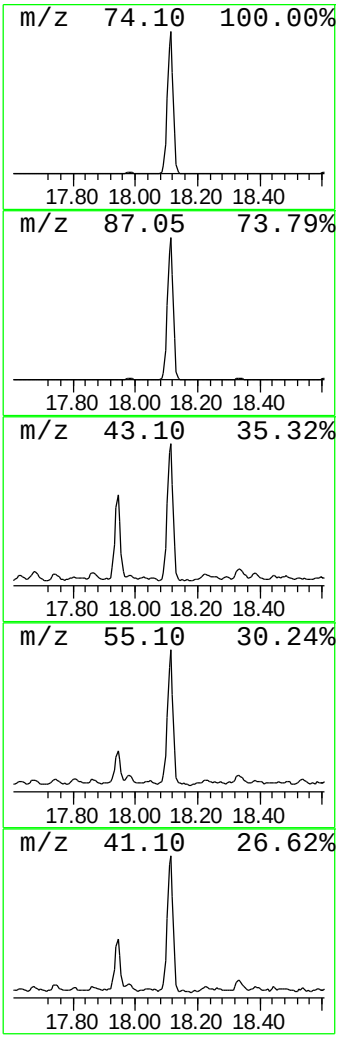
Peak Number 16 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	71.71 ng	5085050	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	97
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	80





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Acq On : 16 Mar 2020 23:34
Operator : CG/JU
Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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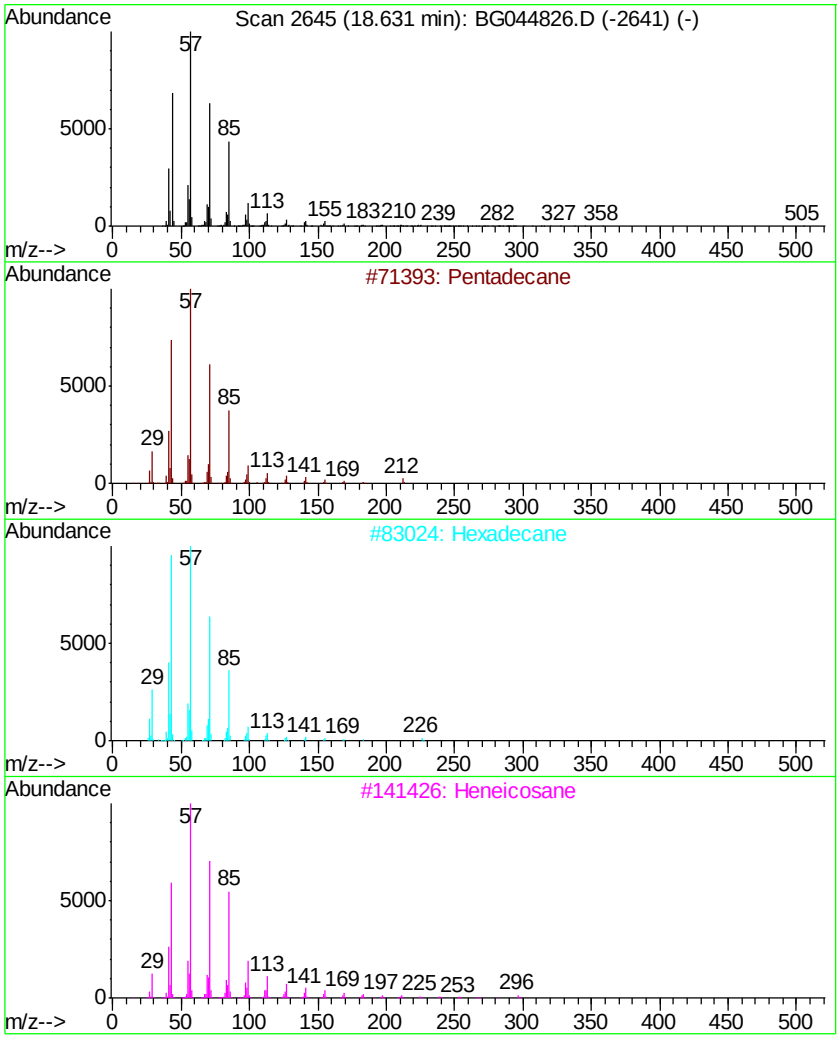
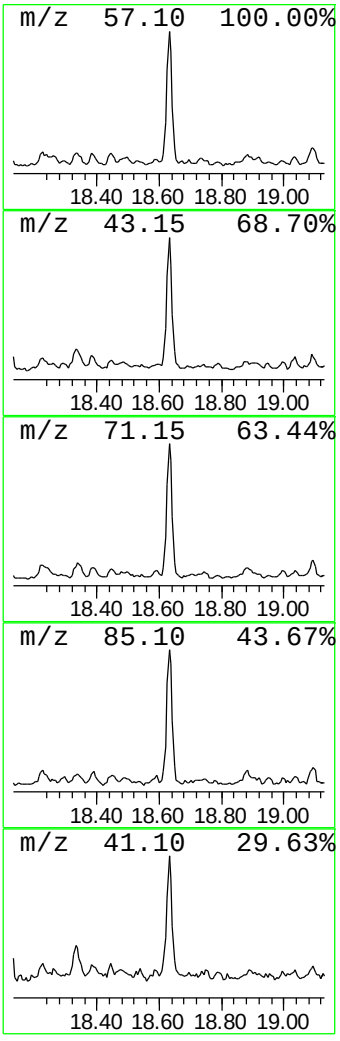
Peak Number 17 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	17.13 ng	1214810	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	10-Methylnonadecane	282	C20H42	056862-62-5	86





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Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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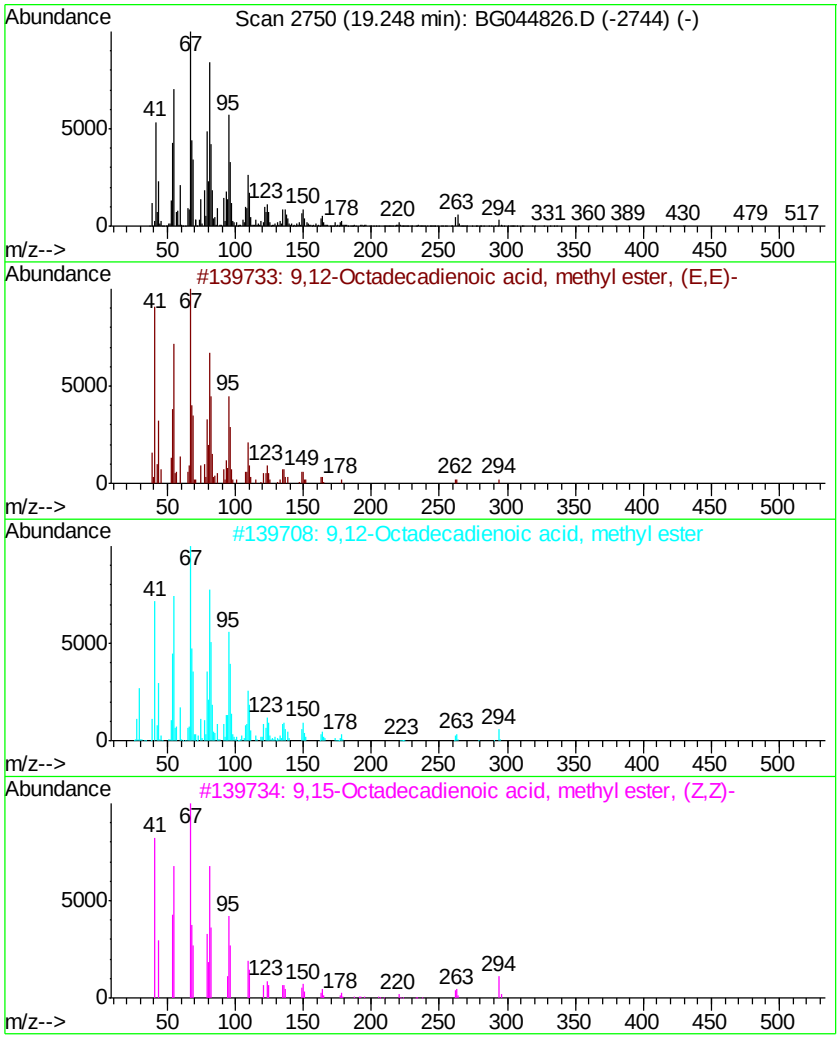
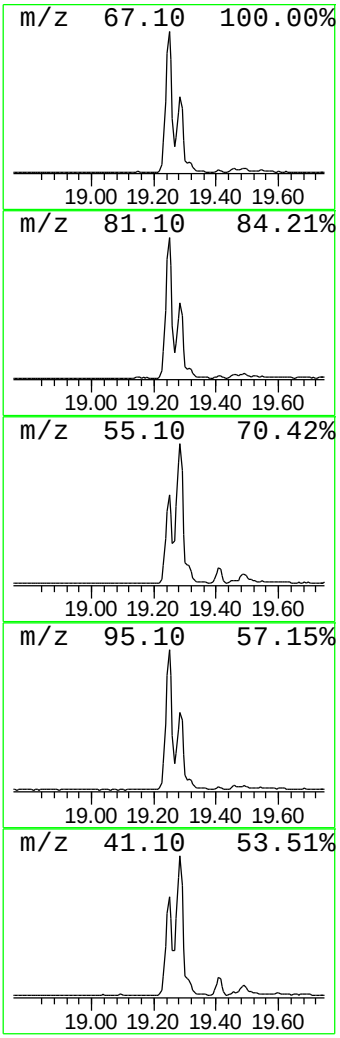
Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	186.45 ng	13221400	Phenanthrene-d10	17.43

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	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044826.D
Acq On : 16 Mar 2020 23:34
Operator : CG/JU
Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

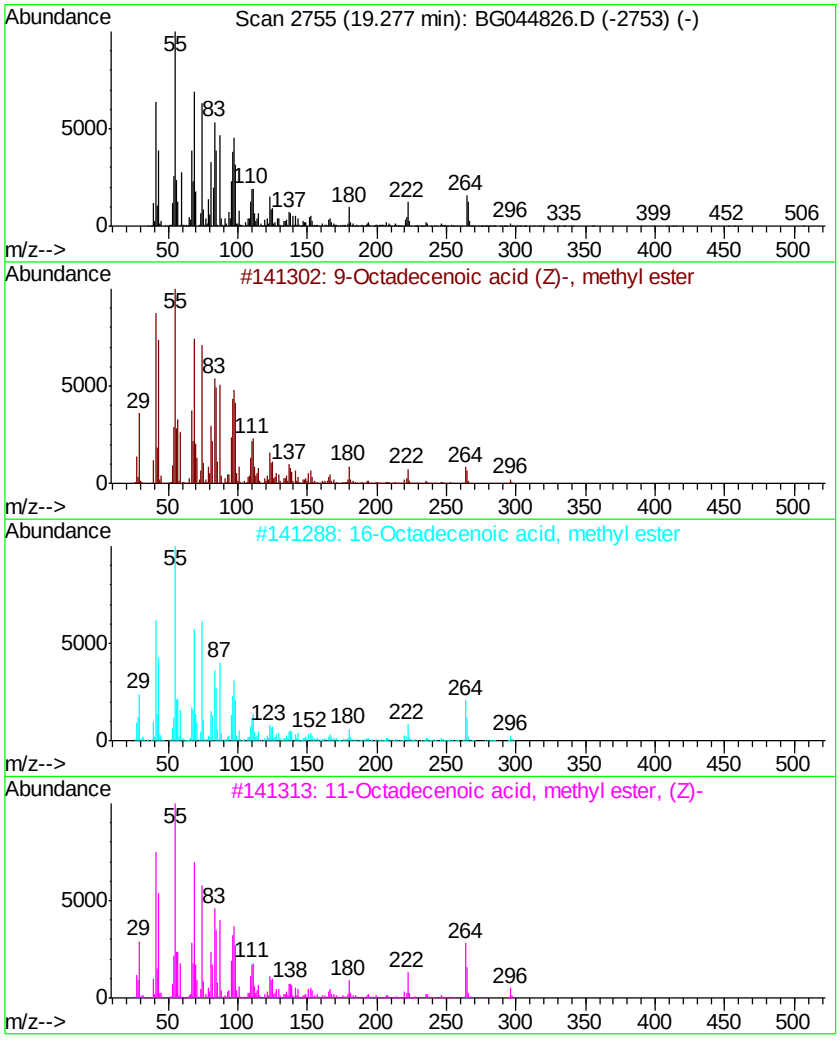
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

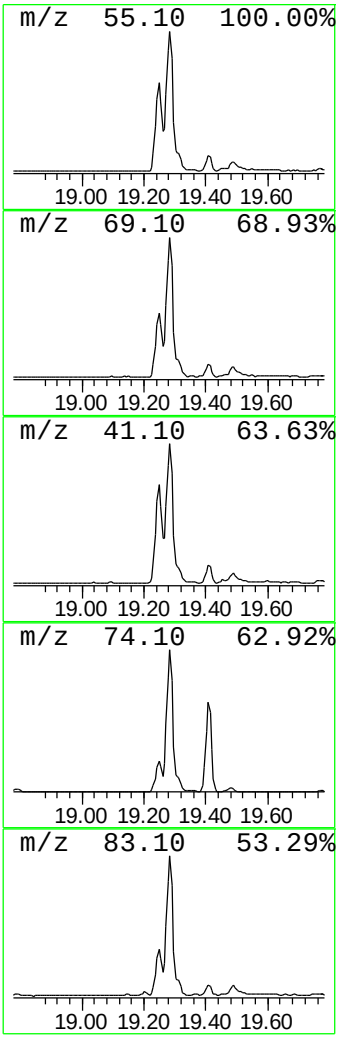
****

Peak Number 19 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	190.21 ng	13488400	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044826.D
Acq On : 16 Mar 2020 23:34
Operator : CG/JU
Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

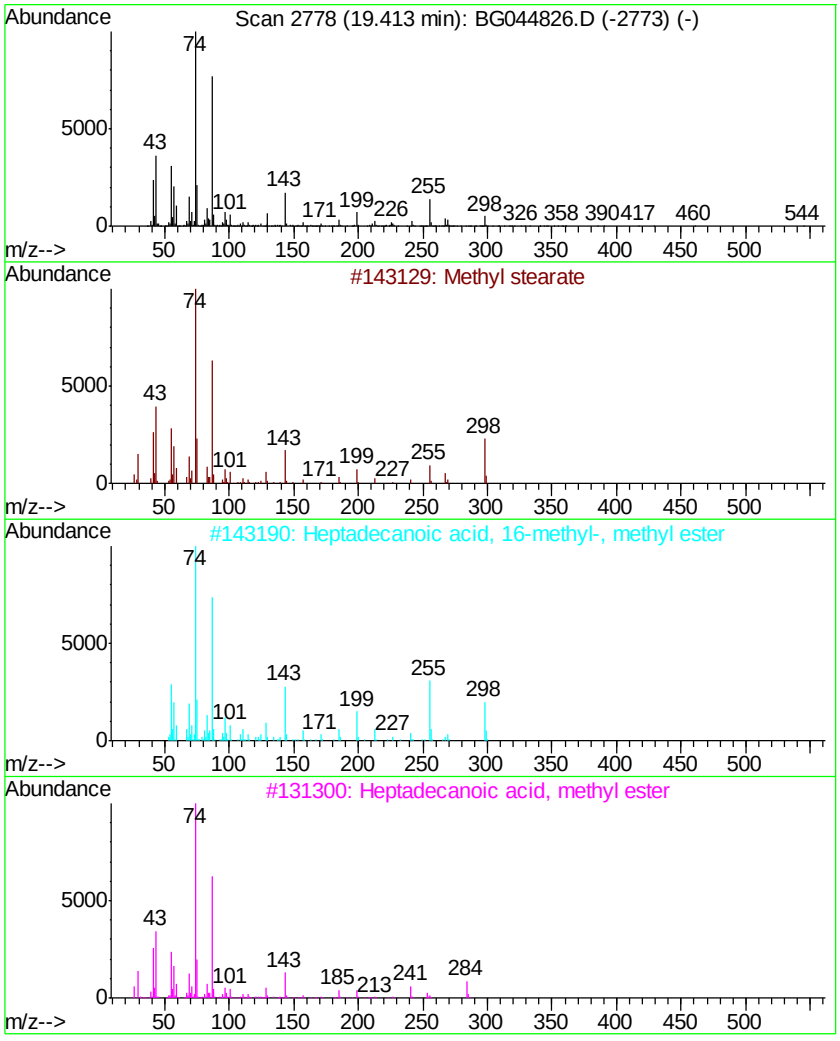
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

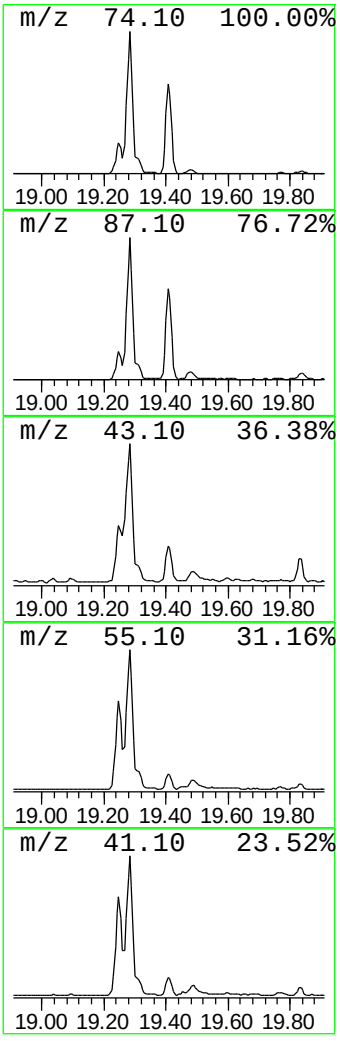
****

Peak Number 20 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.41	29.29 ng	2077040	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031620\
Data File : BG044826.D
Acq On : 16 Mar 2020 23:34
Operator : CG/JU
Sample : L1761-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-031220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecane	12.29	10.4	ng	886821	2	10.86	1706840	20.0
Tetradecane	13.53	18.4	ng	1464060	3	14.68	1593140	20.0
Naphthalene, 2,7-...	14.00	7.5	ng	601366	3	14.68	1593140	20.0
Bacchotricuneatin c	14.59	21.0	ng	1671280	3	14.68	1593140	20.0
Dodecanoic acid, ...	14.81	19.5	ng	1552880	3	14.68	1593140	20.0
Pentadecane	15.55	21.7	ng	1729580	3	14.68	1593140	20.0
Undecane, 3,6-dim...	15.96	10.6	ng	841652	3	14.68	1593140	20.0
Heptadecane	16.41	27.8	ng	1968210	4	17.43	1418230	20.0
Undecane, 6,6-dim...	16.44	8.8	ng	622919	4	17.43	1418230	20.0
Methyl tetradecan...	16.59	12.0	ng	853961	4	17.43	1418230	20.0
Dodecane, 2-methy...	17.20	21.7	ng	1538720	4	17.43	1418230	20.0
Eicosane	17.26	12.8	ng	908759	4	17.43	1418230	20.0
Nonadecane	17.94	19.9	ng	1409740	4	17.43	1418230	20.0
Hexadecanoic acid...	18.11	71.7	ng	5085050	4	17.43	1418230	20.0
Heneicosane	18.63	17.1	ng	1214810	4	17.43	1418230	20.0
9,12-Octadecadien...	19.25	186.4	ng	13221400	4	17.43	1418230	20.0
9-Octadecenoic ac...	19.28	190.2	ng	13488400	4	17.43	1418230	20.0
Methyl stearate	19.41	29.3	ng	2077040	4	17.43	1418230	20.0