LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118690.D
Acq On : 24 Jan 2020 17:20
Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

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_F\METHODS\8270-BF012020.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	2.110	3	4	11	rVB	527541	516498	2.66%	0.494%
2	5.475	572	576	580	rBV	2394927	2069419	10.67%	1.979%
3	6.481	743	747	755	rBV	2344823	1954889	10.08%	1.870%
4	6.863	808	812	815	rBV	2124284	1693163	8.73%	1.620%
5	7.016	835	838	842	rBV	2058290	1889116	9.74%	1.807%
6	7.416	900	906	909	rBV	1681890	1403765	7.24%	1.343%
7	8.145	1025	1030	1033	rBV	2591238	2672303	13.78%	2.556%
8	8.210	1039	1041	1044	rVB	215196	194957	1.01%	0.186%
9	8.439	1075	1080	1083	rBV3	238309	270753	1.40%	0.259%
10	8.498	1087	1090	1092	rVB3	247238	209599	1.08%	0.200%
11	8.528	1092	1095	1098	rBV3	293653	303635	1.57%	0.290%
12	8.651	1112	1116	1119	rBV2	421141	390340	2.01%	0.373%
13	8.739	1128	1131	1135	rBV	1105789	956962	4.93%	0.915%
14	8.969	1167	1170	1175	rBV3	302948	268899	1.39%	0.257%
15	9.104	1191	1193	1196	rVB2	260797	228064	1.18%	0.218%
16	9.169	1202	1204	1208	rVV2	338558	384647	1.98%	0.368%
17	9.216	1208	1212	1217	rVB	3271376	2689093	13.86%	2.572%
18	9.304	1223	1227	1231	rBV	1361400	1204007	6.21%	1.152%
19	9.475	1251	1256	1263	rVB6	421610	524443	2.70%	0.502%
20	9.539	1263	1267	1268	rBV2	186455	216683	1.12%	0.207%
21	9.580	1272	1274	1276	rVV2	273172	229295	1.18%	0.219%
22	9.610	1276	1279	1280	rVV	617369	579693	2.99%	0.555%
23	9.645	1284	1285	1288	rVV	368766	275885	1.42%	0.264%
24	9.680	1288	1291	1294	rVB2	280633	276724	1.43%	0.265%
25	9.833	1314	1317	1321	rVB	1532969	1154278	5.95%	1.104%
26	9.898	1321	1328	1331	rVV	2855253	2576184	13.28%	2.464%
27	9.945	1332	1336	1338	rVV	1401570	1286193	6.63%	1.230%
28	10.069	1353	1357	1359	rBV2	216775	324916	1.67%	0.311%
29	10.092	1359	1361	1364	rVV3	292486	326558	1.68%	0.312%
30	10.157	1368	1372	1376	rVV6	371982	547297	2.82%	0.524%
31	10.222	1380	1383	1385	rVV4	142850	206421	1.06%	0.197%
32	10.333	1396	1402	1405	rVV	1763818	1536824	7.92%	1.470%
33	10.392	1409	1412	1416	rVB3	164638	225306	1.16%	0.216%
34	10.551	1434	1439	1445	rBV	569765	864567	4.46%	0.827%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118690.D
Acq On : 24 Jan 2020 17:20
Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

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_F\METHODS\8270-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.639	1451	1454	1457	rBV2	187345	224567	1.16%	0.215%
36	10.680	1457	1461	1465	rVB	1724931	1631697	8.41%	1.561%
37	10.804	1479	1482	1491	rBV	1728373	1860132	9.59%	1.779%
38	10.904	1496	1499	1502	rBV	1002283	795144	4.10%	0.761%
39	11.251	1555	1558	1561	rBV	1427328	1176226	6.06%	1.125%
40	11.286	1561	1564	1568	rVB	520715	579470	2.99%	0.554%
41	11.380	1576	1580	1583	rBV	2512263	2174165	11.21%	2.080%
42	11.680	1627	1631	1633	rBV	1156554	1029502	5.31%	0.985%
43	11.780	1643	1648	1651	rBV	9281698	8248230	42.52%	7.890%
44	11.910	1667	1670	1673	rBV	1431798	1349597	6.96%	1.291%
45	12.086	1696	1700	1708	rVB	916950	1010635	5.21%	0.967%
46	12.468	1760	1765	1766	rBV	9428699	10589544	54.59%	10.129%
47	12.492	1766	1769	1775	rVV2	14432498	19398586	100.00%	18.556%
48	12.568	1778	1782	1785	rVV	5023954	4059399	20.93%	3.883%
49	12.627	1788	1792	1801	rVV	3025800	4369854	22.53%	4.180%
50	12.692	1801	1803	1810	rVB	613203	643616	3.32%	0.616%
51	12.798	1818	1821	1823	rBV	388449	354250	1.83%	0.339%
52	12.845	1826	1829	1834	rVB	563597	539872	2.78%	0.516%
53	12.963	1845	1849	1852	rVB	2415976	2053064	10.58%	1.964%
54	13.127	1874	1877	1879	rBV2	329244	407149	2.10%	0.389%
55	13.210	1886	1891	1897	rVB2	690354	1074863	5.54%	1.028%
56	13.292	1902	1905	1906	rBV	565725	495332	2.55%	0.474%
57	13.351	1912	1915	1918	rBV2	279252	290545	1.50%	0.278%
58	13.392	1918	1922	1928	rVV7	236802	455343	2.35%	0.436%
59	13.457	1929	1933	1937	rVV5	287992	499119	2.57%	0.477%
60	13.492	1937	1939	1944	rVV4	274228	337888	1.74%	0.323%
61	13.539	1944	1947	1951	rVB	344722	292929	1.51%	0.280%
62	13.710	1972	1976	1980	rVB2	411950	590977	3.05%	0.565%
63	13.862	1998	2002	2005	rBV2	294273	357597	1.84%	0.342%
64	13.957	2015	2018	2023	rBV	383522	339761	1.75%	0.325%
65	14.010	2023	2027	2031	rBV	1723064	1705789	8.79%	1.632%
66	14.180	2053	2056	2063	rVB	239193	233454	1.20%	0.223%
67	14.486	2102	2108	2112	rBV2	313703	479845	2.47%	0.459%
68	14.574	2121	2123	2131	rBV3	161981	215457	1.11%	0.206%
69	14.792	2157	2160	2163	rBV	316673	290568	1.50%	0.278%
70	14.868	2170	2173	2176	rBV	241826	217907	1.12%	0.208%
71	14.909	2176	2180	2191	rVB	338130	523719	2.70%	0.501%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118690.D
Acq On : 24 Jan 2020 17:20
Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

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_F\METHODS\8270-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.133	2214	2218	2224	rBV	277784	360217	1.86%	0.345%
73	15.474	2272	2276	2280	rBV	1513821	1849385	9.53%	1.769%
74	15.509	2280	2282	2288	rVB	301490	388790	2.00%	0.372%
75	15.951	2353	2357	2361	rBV	220254	332905	1.72%	0.318%
76	16.456	2440	2443	2448	rVB	172533	264465	1.36%	0.253%

Sum of corrected areas: 104542930

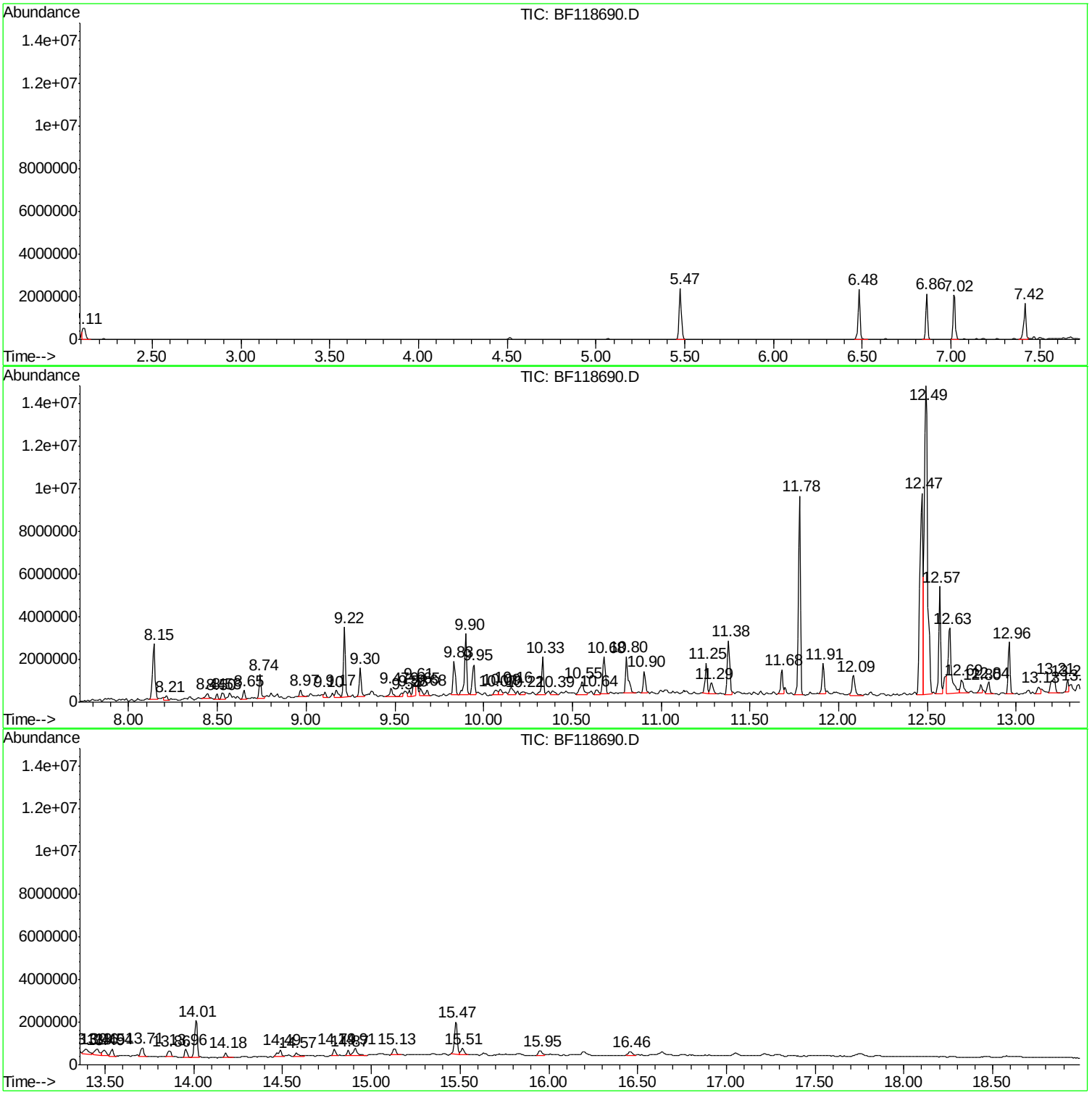
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118690.D
Acq On : 24 Jan 2020 17:20
Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-012320-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118690.D
Acq On : 24 Jan 2020 17:20
Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

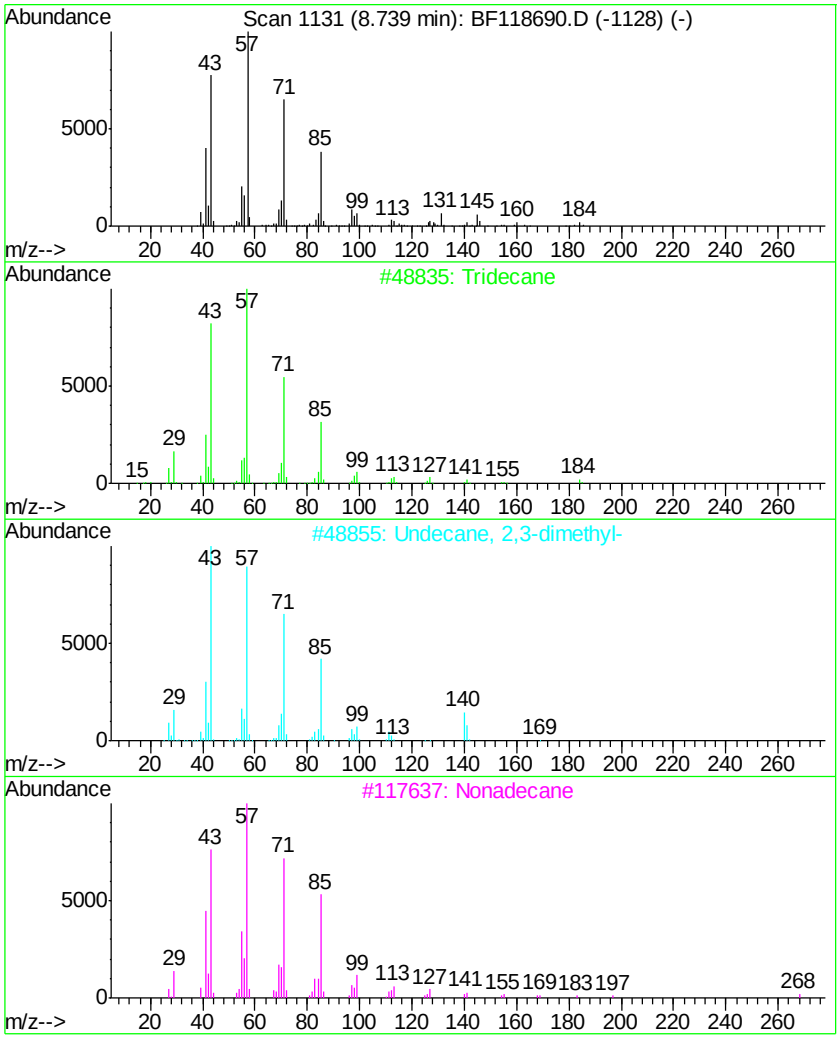
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

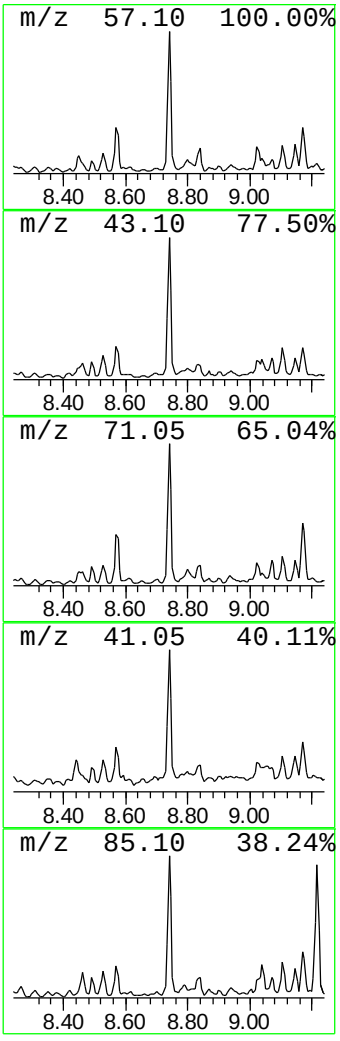
****

Peak Number 2 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	7.16 ng	956962	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
3	Nonadecane	268	C19H40	000629-92-5	86
4	Hexadecane	226	C16H34	000544-76-3	83
5	Tetradecane	198	C14H30	000629-59-4	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118690.D
Acq On : 24 Jan 2020 17:20
Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

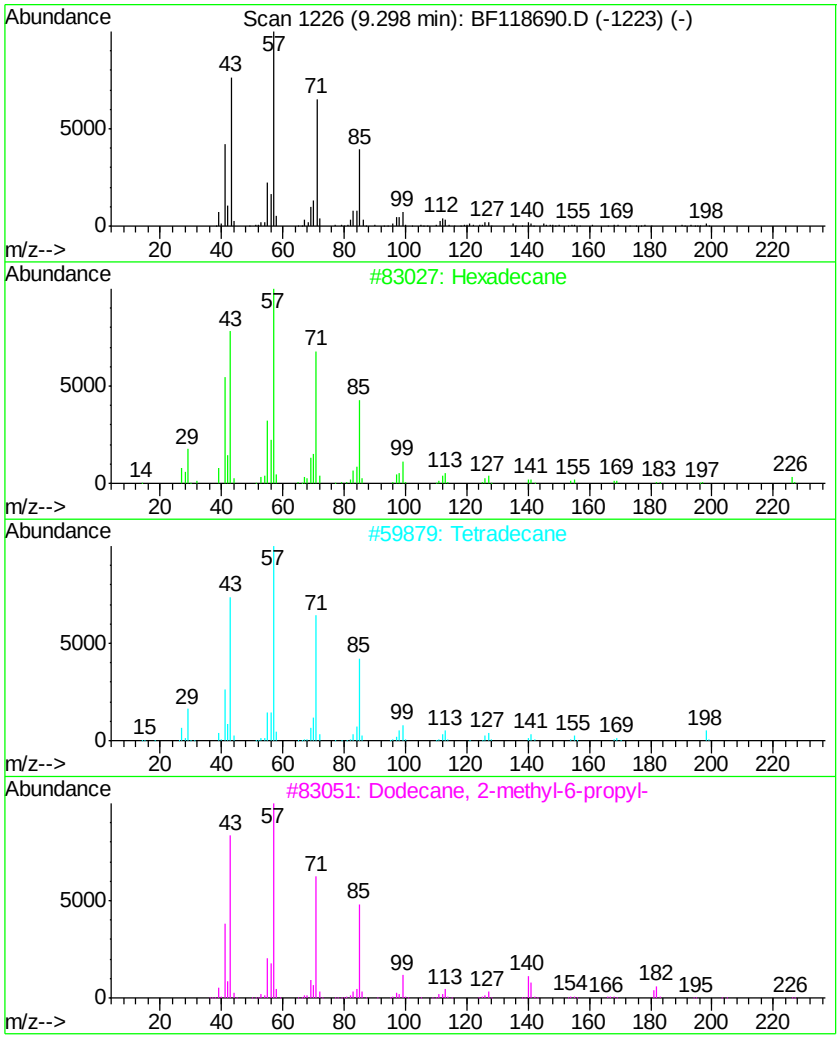
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

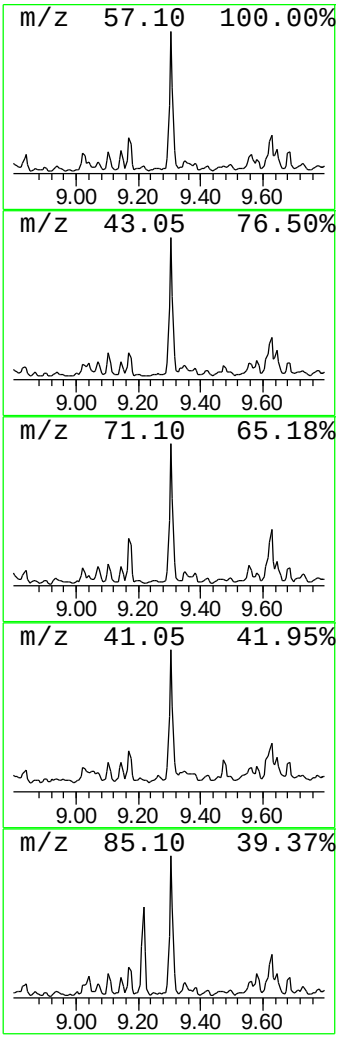
****

Peak Number 3 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	9.35 ng	1204010	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64
5	Tridecane	184	C13H28	000629-50-5	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118690.D
Acq On : 24 Jan 2020 17:20
Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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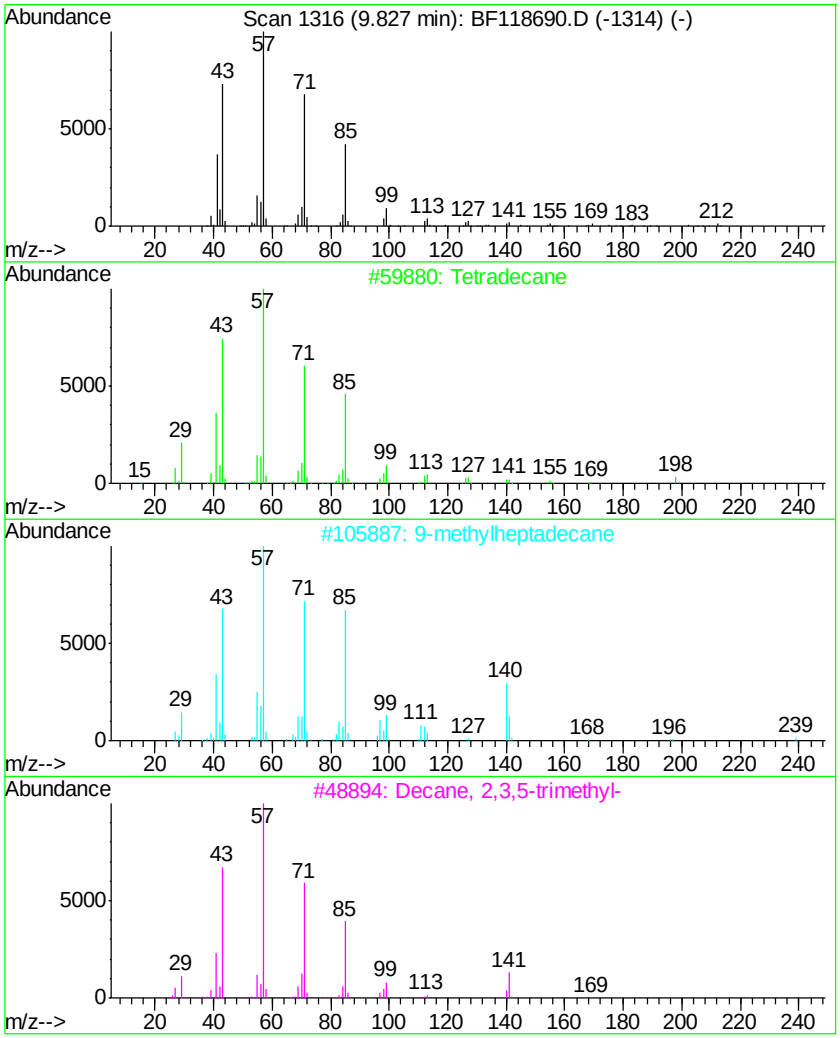
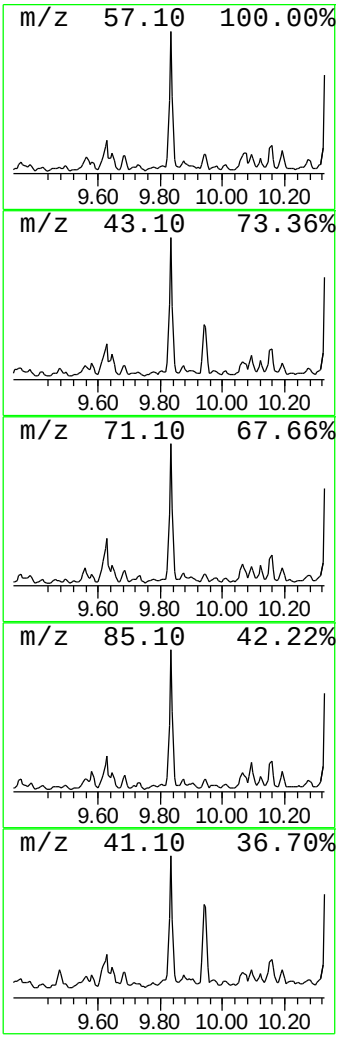
Peak Number 4 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	8.96 ng	1154280	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	9-methylheptadecane	254	C18H38	026741-18-4	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118690.D
Acq On : 24 Jan 2020 17:20
Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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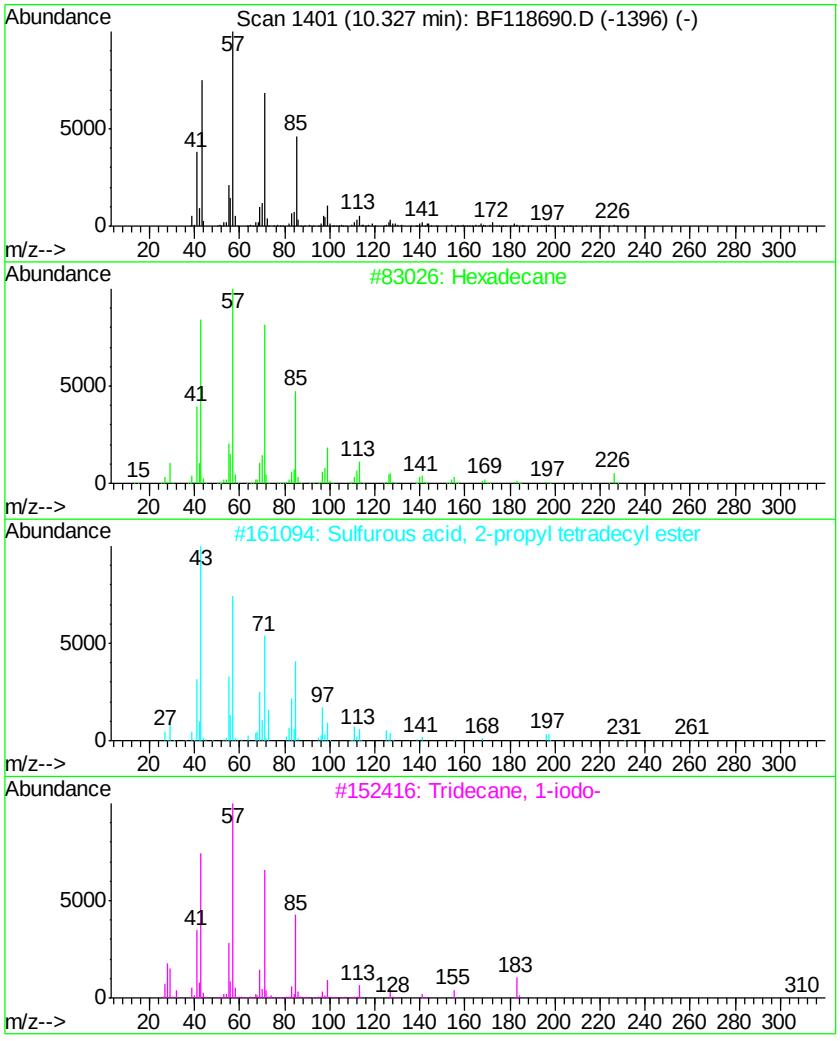
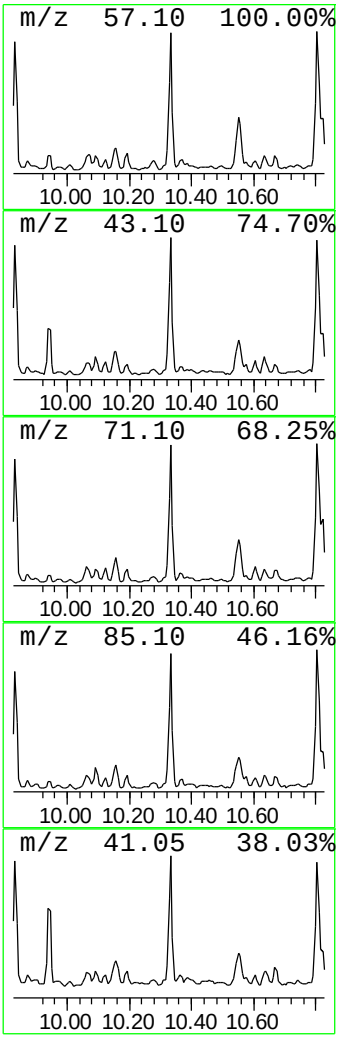
Peak Number 5 Sulfurous acid, 2-propyl te... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	11.93 ng	1536820	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118690.D
Acq On : 24 Jan 2020 17:20
Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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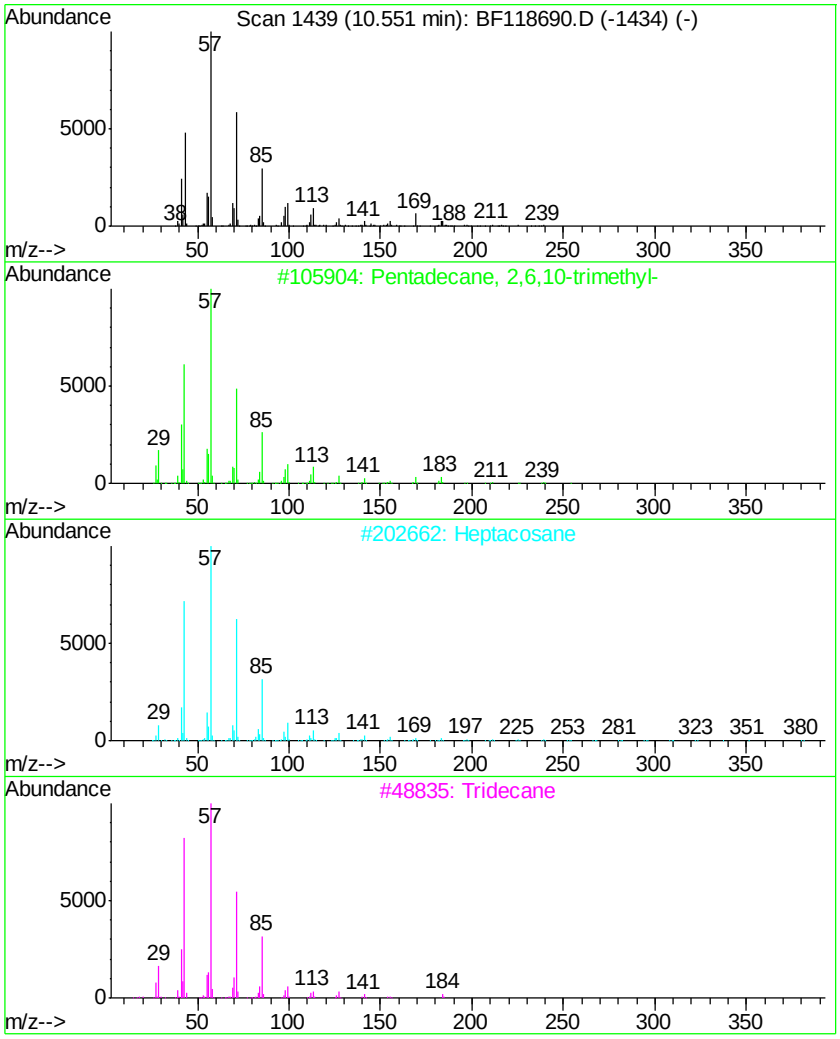
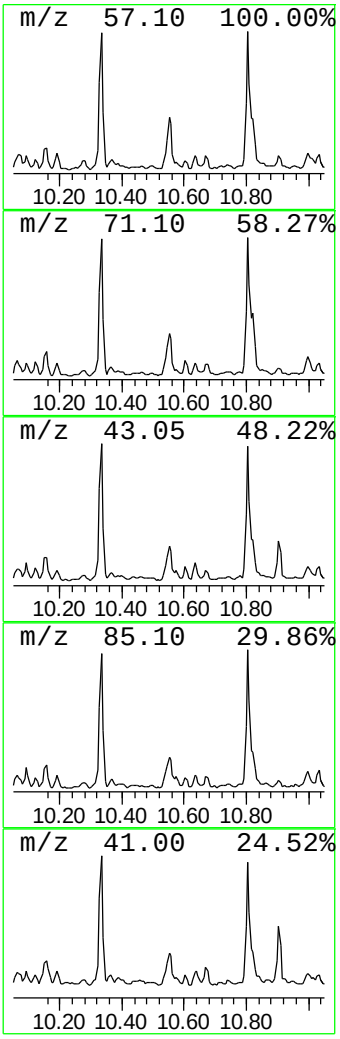
Peak Number 6 Pentadecane, 2,6,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	6.71 ng	864567	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Heptacosane	380	C27H56	000593-49-7	83
3	Tridecane	184	C13H28	000629-50-5	74
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118690.D
Acq On : 24 Jan 2020 17:20
Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

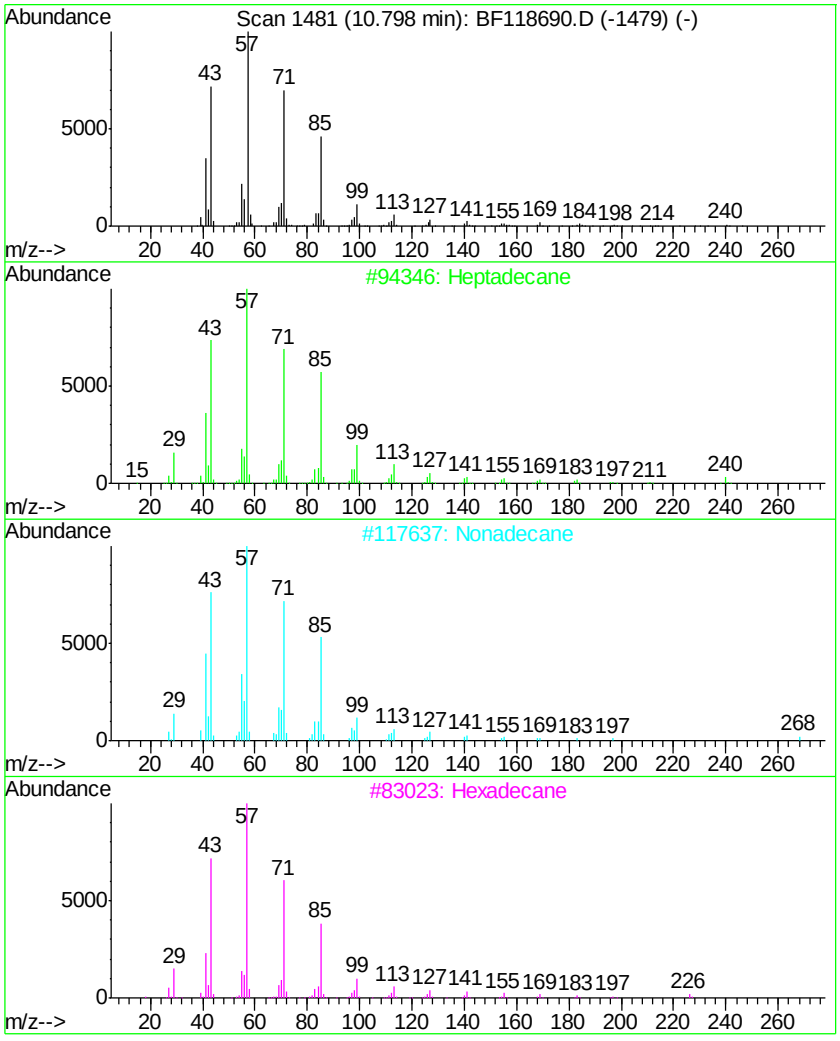
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

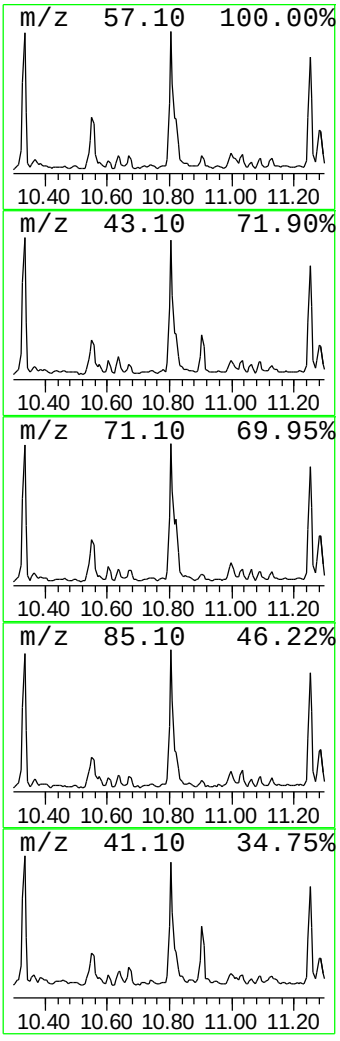
****

Peak Number 7 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	17.11 ng	1860130	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetradecane	198	C14H30	000629-59-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118690.D
Acq On : 24 Jan 2020 17:20
Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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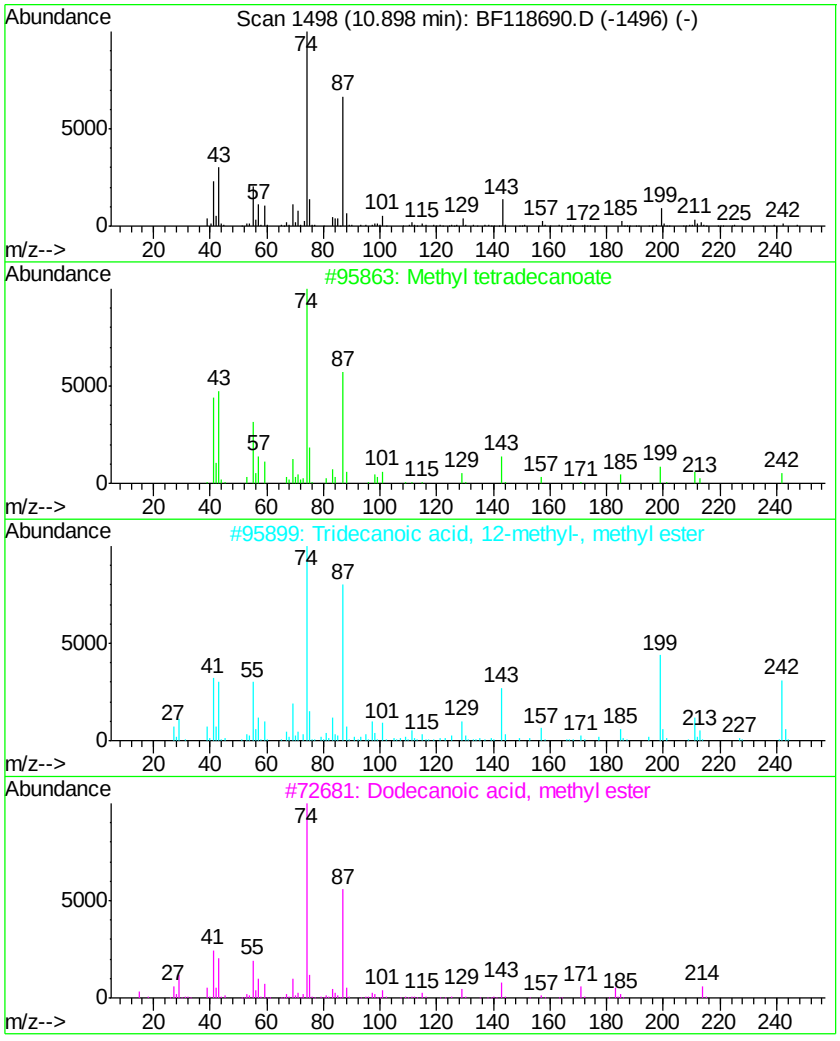
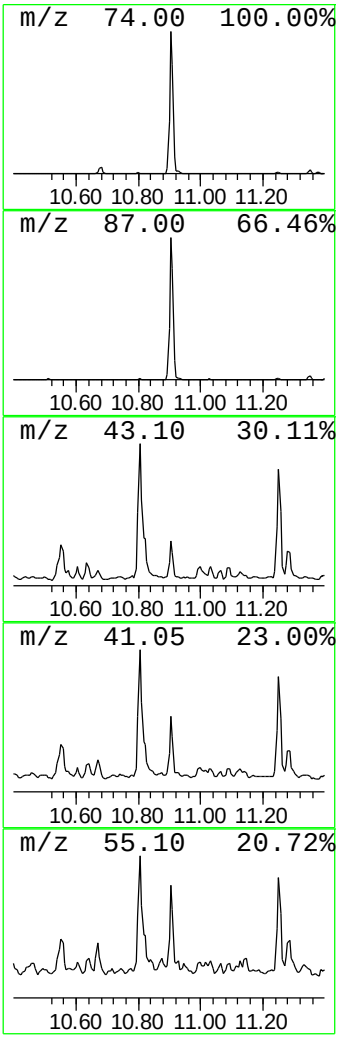
Peak Number 8 Methyl tetradecanoate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	7.31 ng	795144	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
2	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	91
3	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	80
5	Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	72





Library Search Compound Report

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Acq On : 24 Jan 2020 17:20
Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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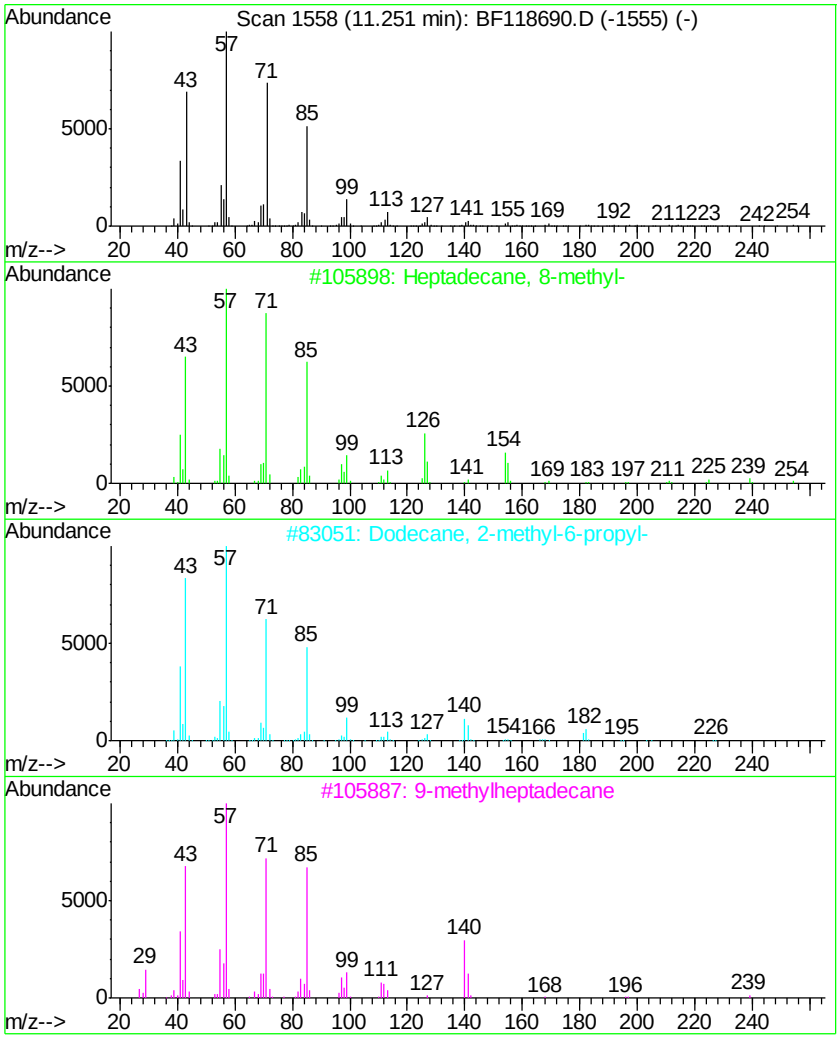
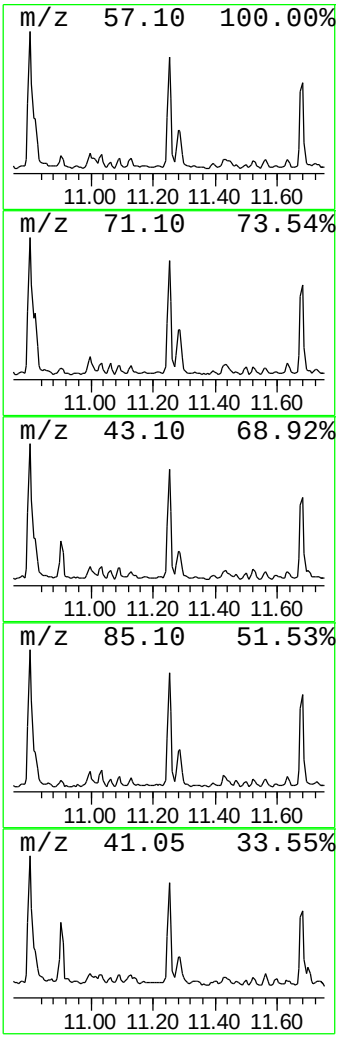
Peak Number 9 Heptadecane, 8-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	10.82 ng	1176230	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
3	9-methylheptadecane	254	C18H38	026741-18-4	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Heptacosane	380	C27H56	000593-49-7	80





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Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

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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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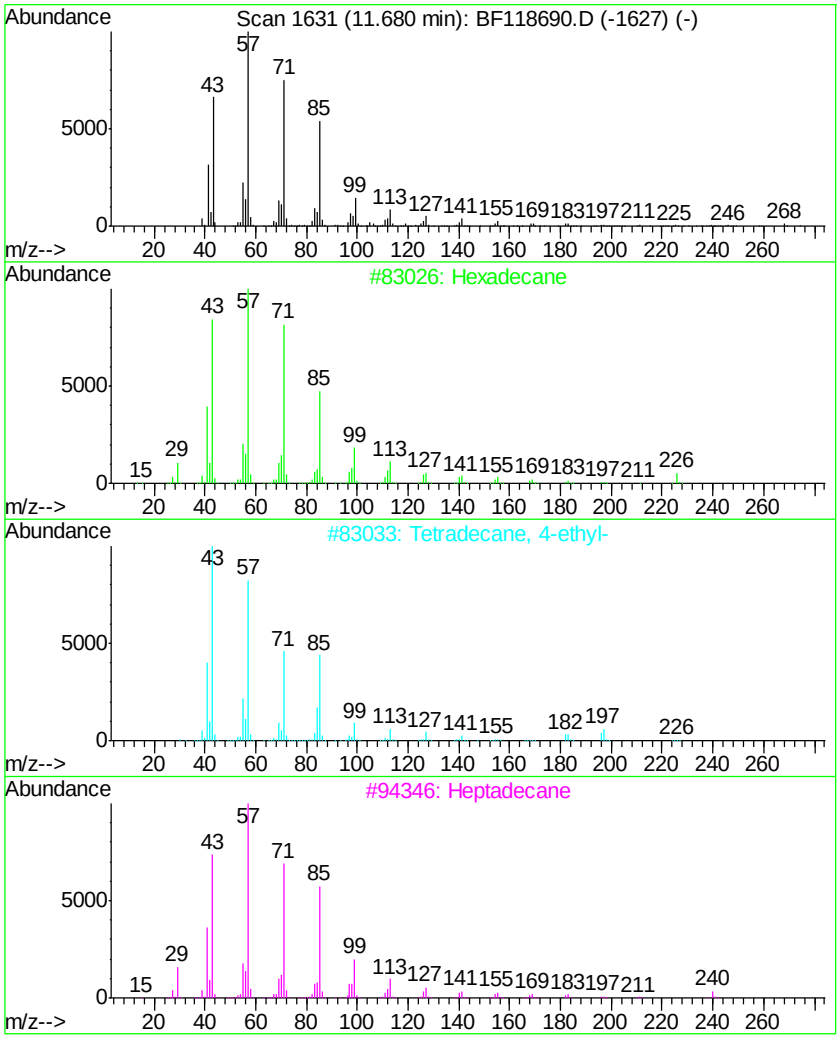
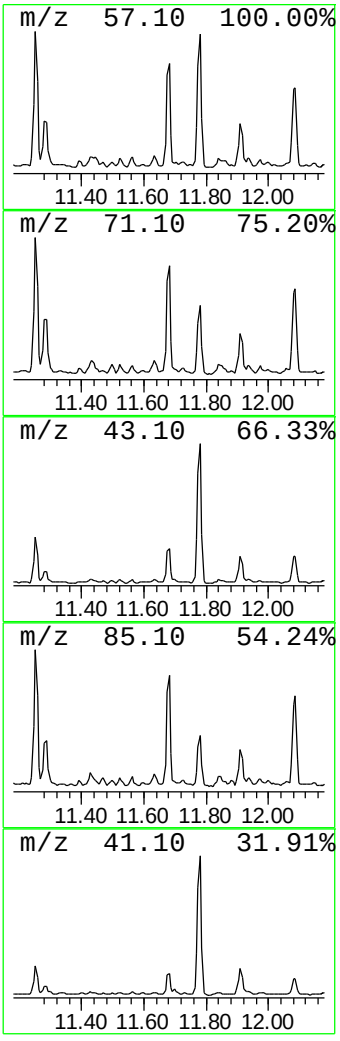
Peak Number 10 Tetradecane, 4-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	9.47 ng	1029500	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91





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Acq On : 24 Jan 2020 17:20
Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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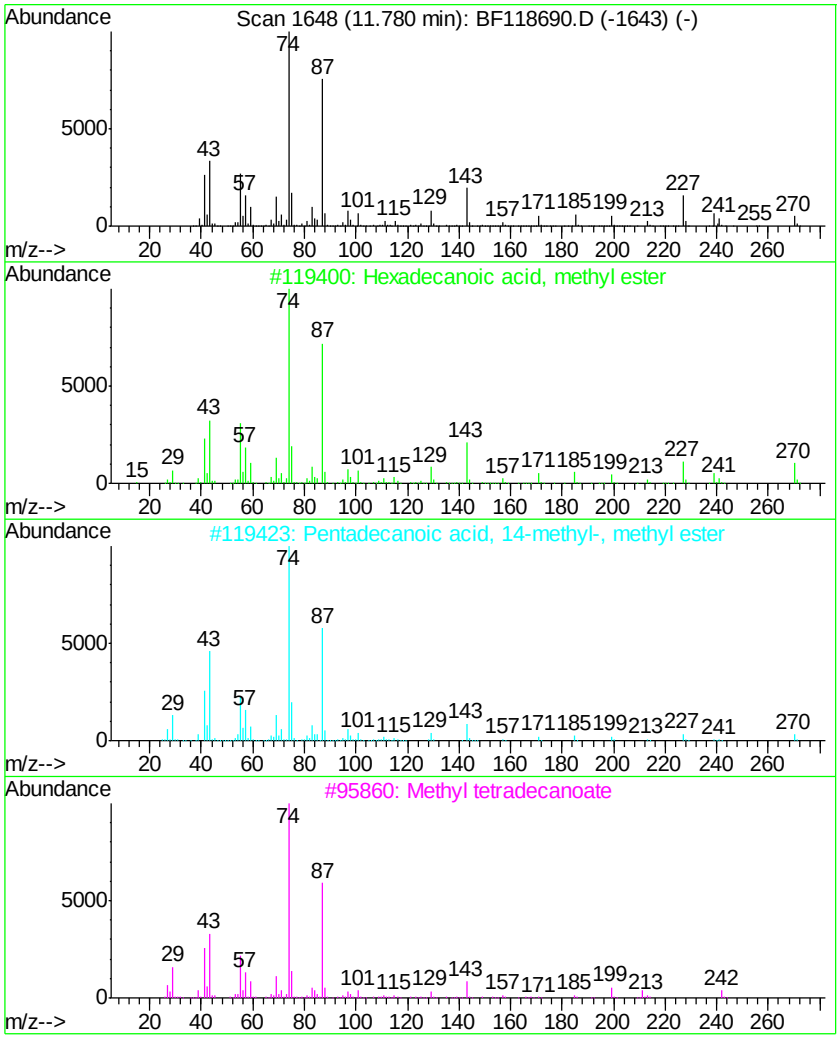
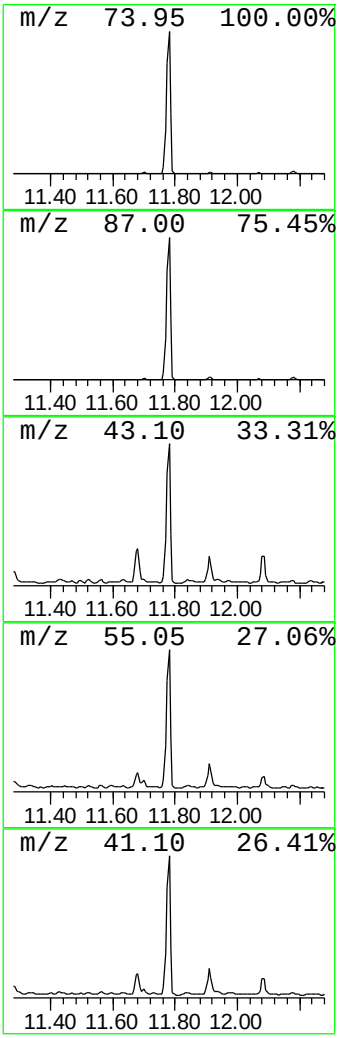
Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	75.87 ng	8248230	Phenanthrene-d10	11.38

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	94
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83





Library Search Compound Report

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Acq On : 24 Jan 2020 17:20
Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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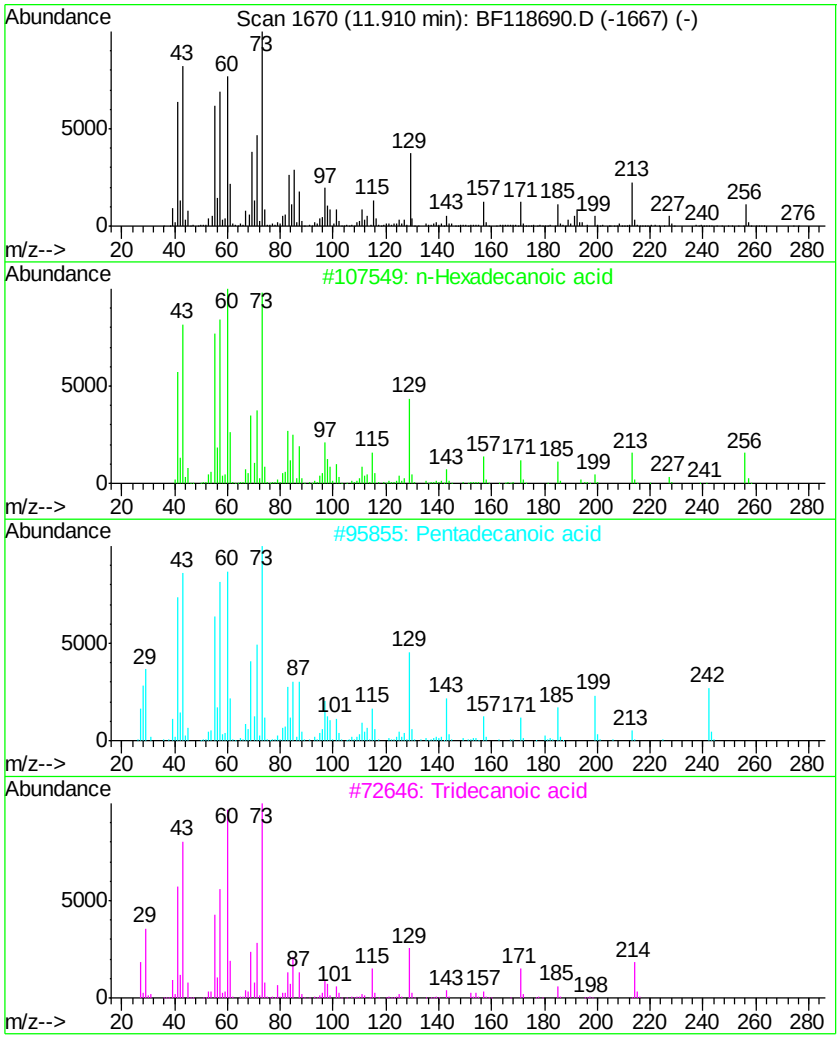
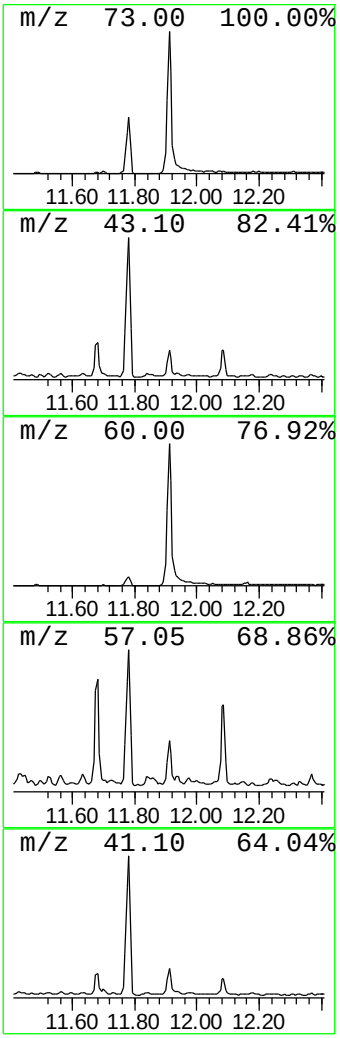
Peak Number 12 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	12.41 ng	1349600	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20
5	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	18





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Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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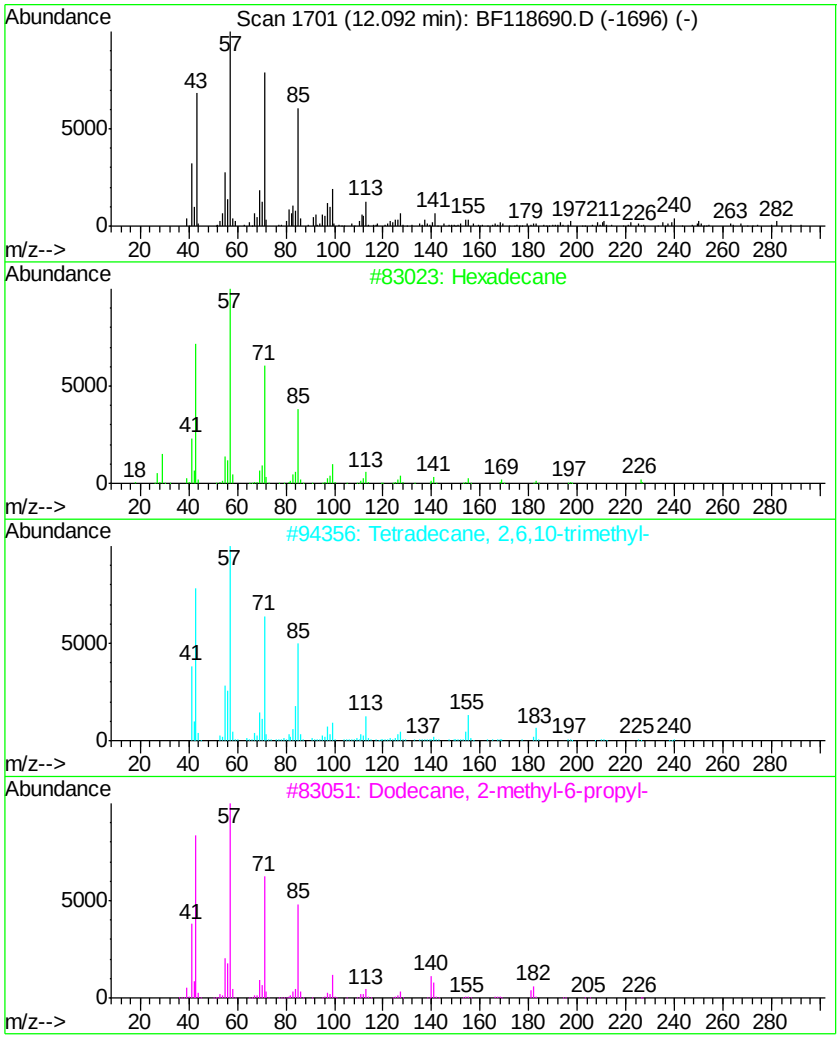
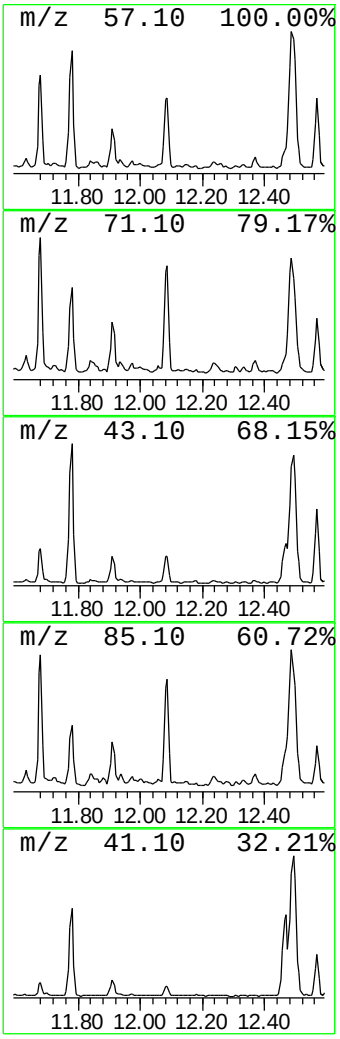
Peak Number 13 Tetradecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	9.30 ng	1010640	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	76
5	Octadecane	254	C18H38	000593-45-3	74





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Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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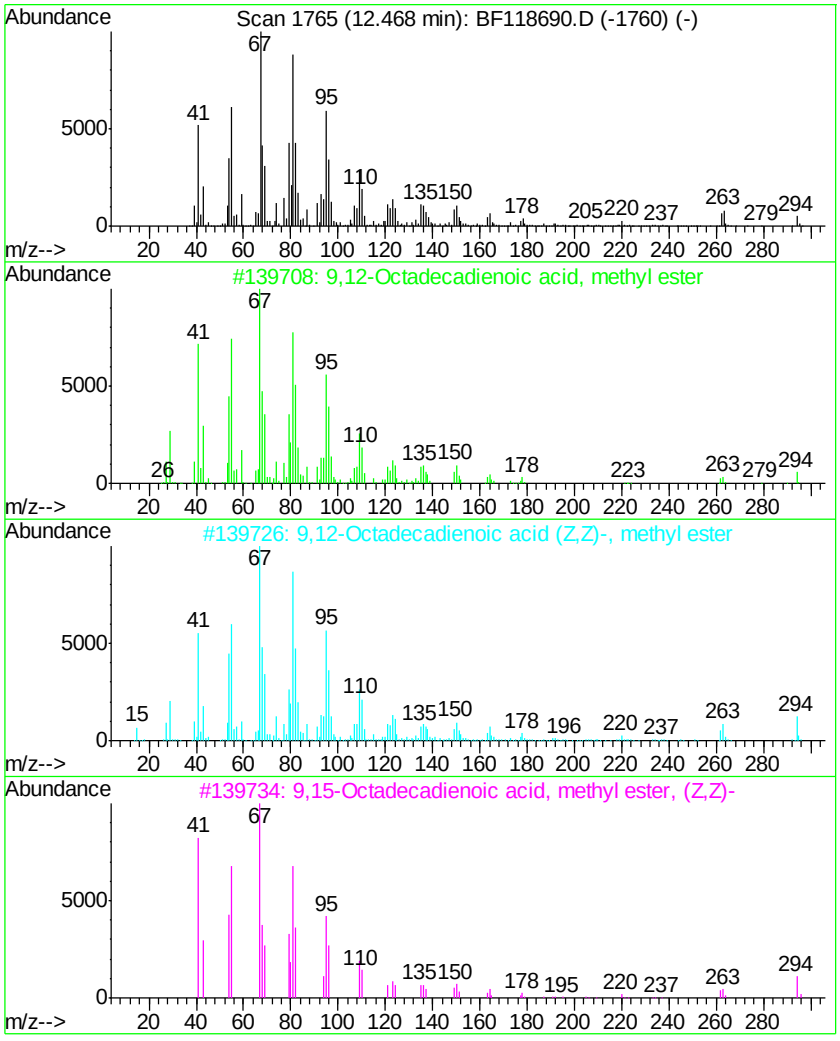
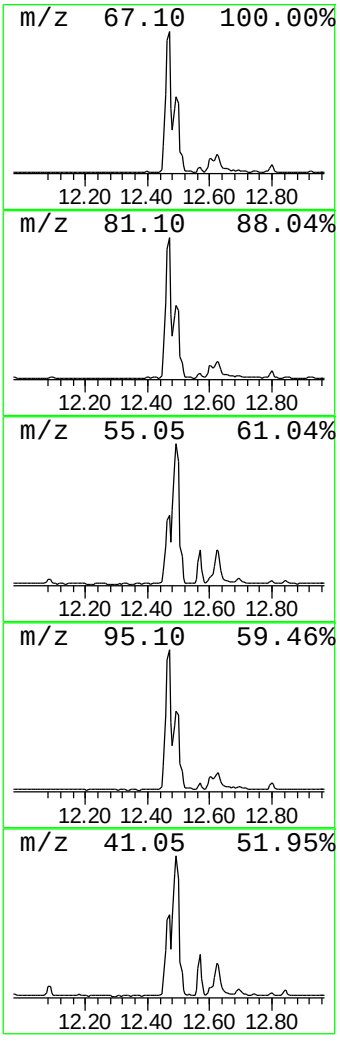
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	97.41 ng	10589500	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99





Library Search Compound Report

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Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-012320-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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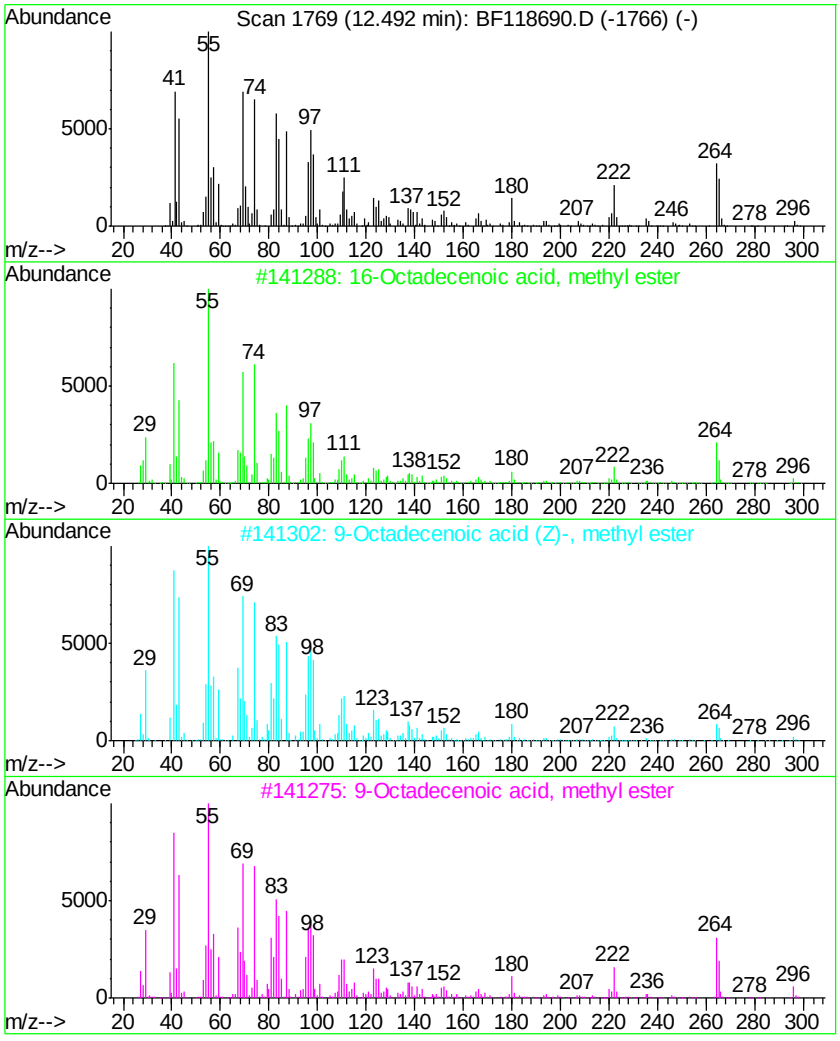
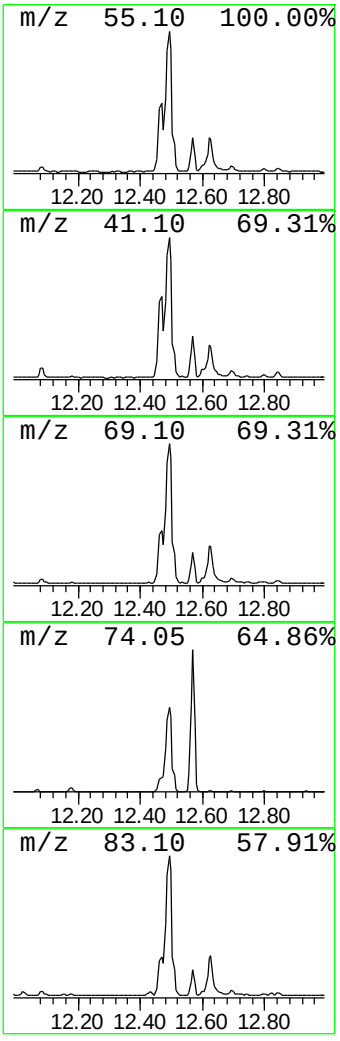
Peak Number 15 16-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	178.45 ng	19398600	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	94
4	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	94
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	93





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Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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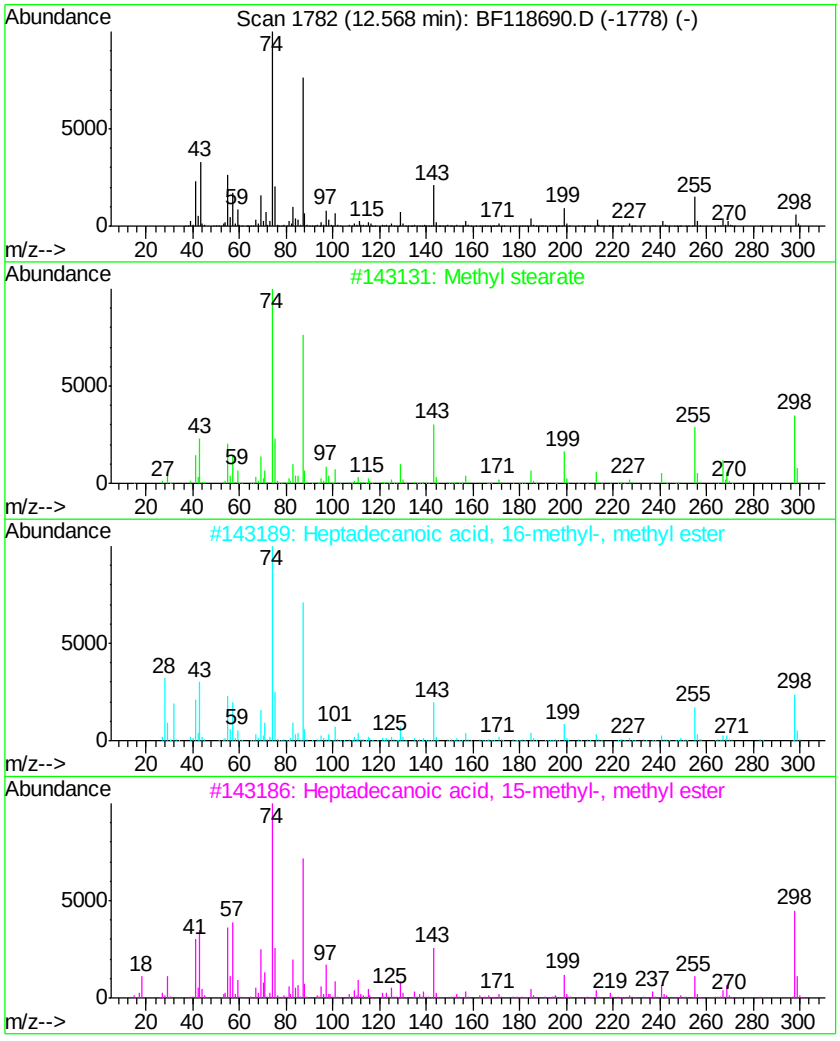
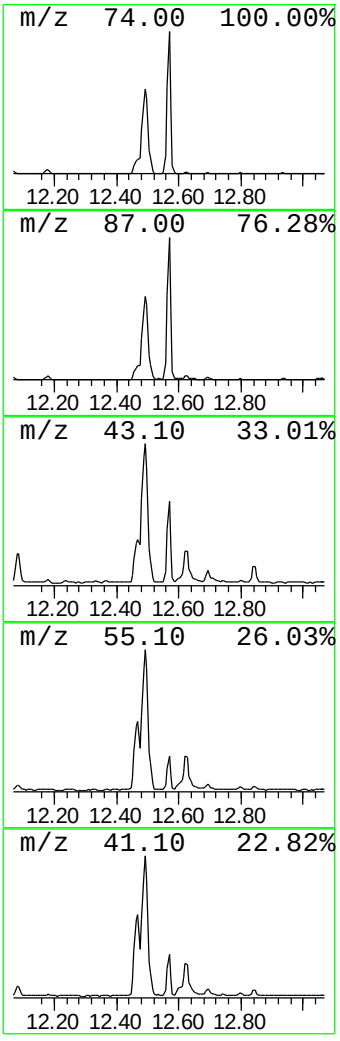
Peak Number 16 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	37.34 ng	4059400	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

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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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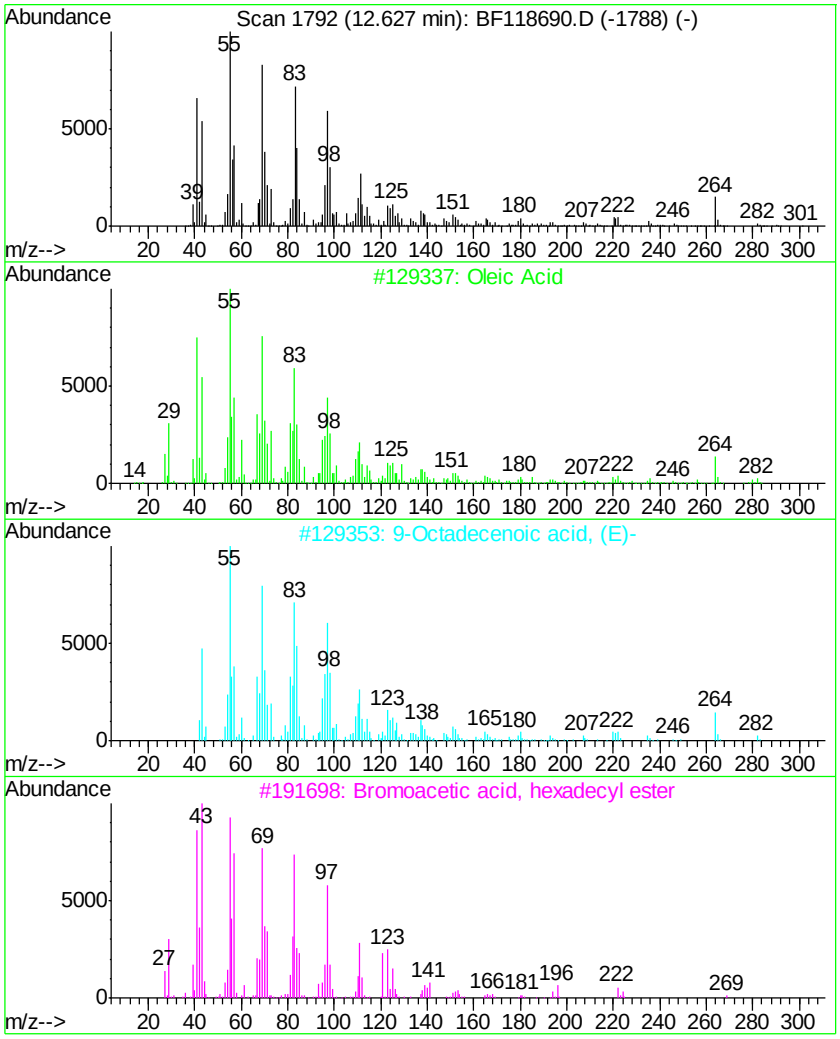
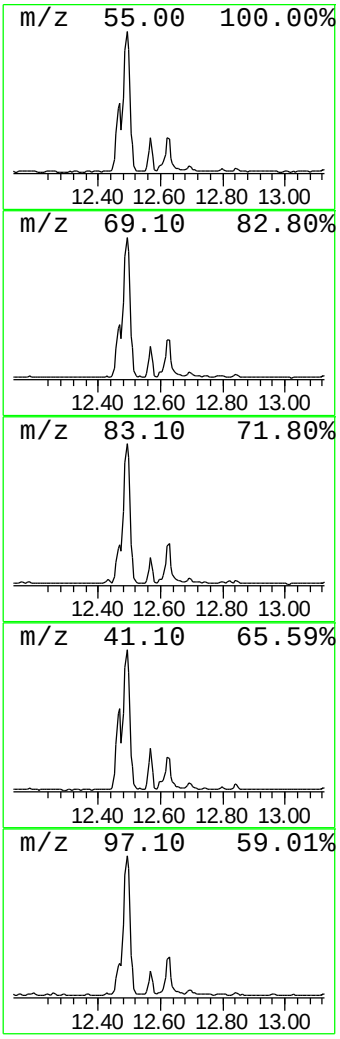
Peak Number 17 Oleic Acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	40.20 ng	4369850	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	81
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	80
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	80
4	Chloroacetic acid, dodecyl ester	262	C14H27ClO2	006316-04-7	52
5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	49





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Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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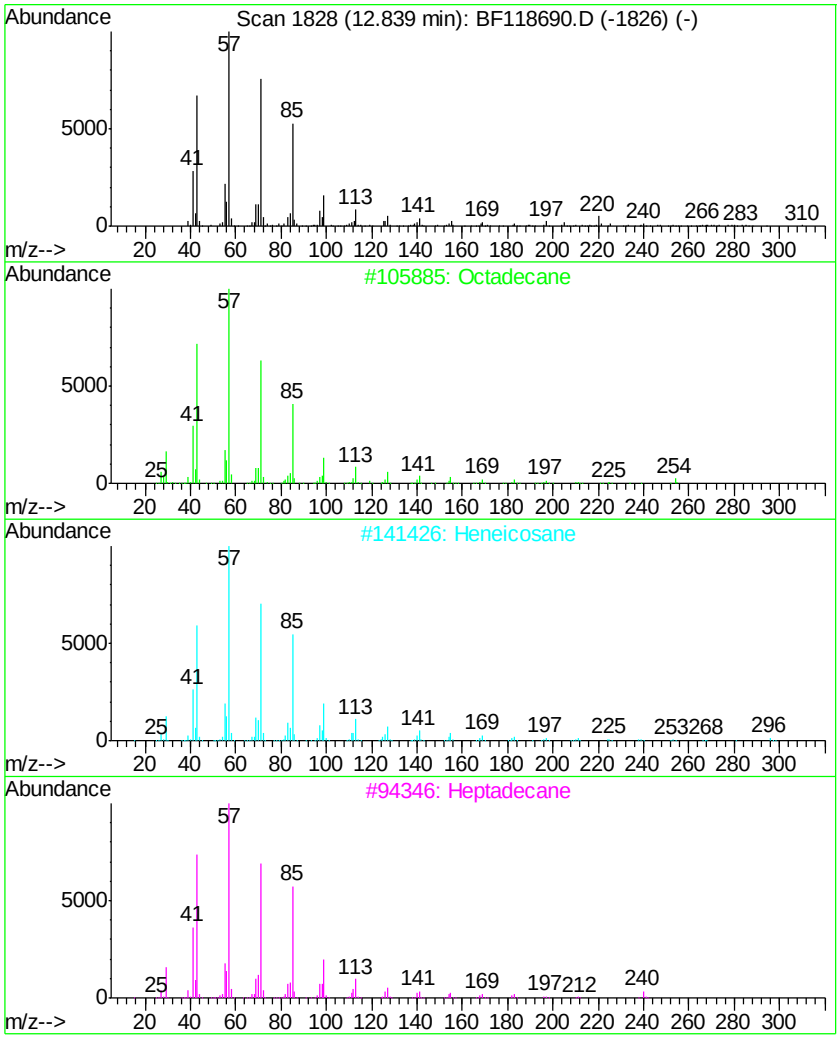
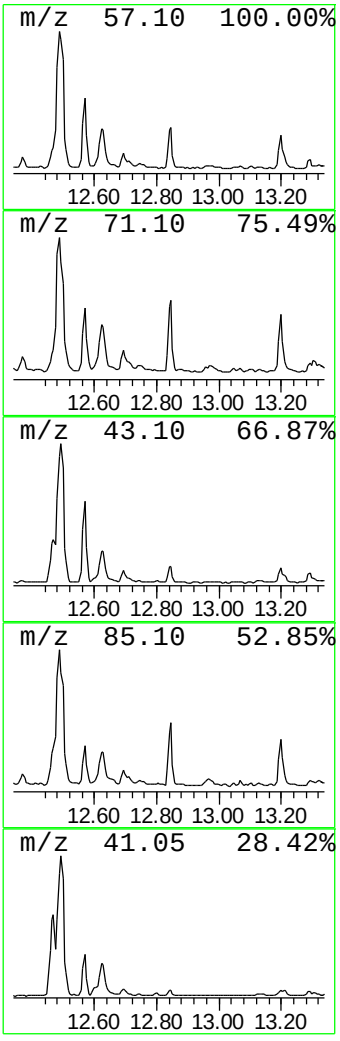
Peak Number 18 Octadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	6.33 ng	539872	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Eicosane	282	C20H42	000112-95-8	90





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Data File : BF118690.D
Acq On : 24 Jan 2020 17:20
Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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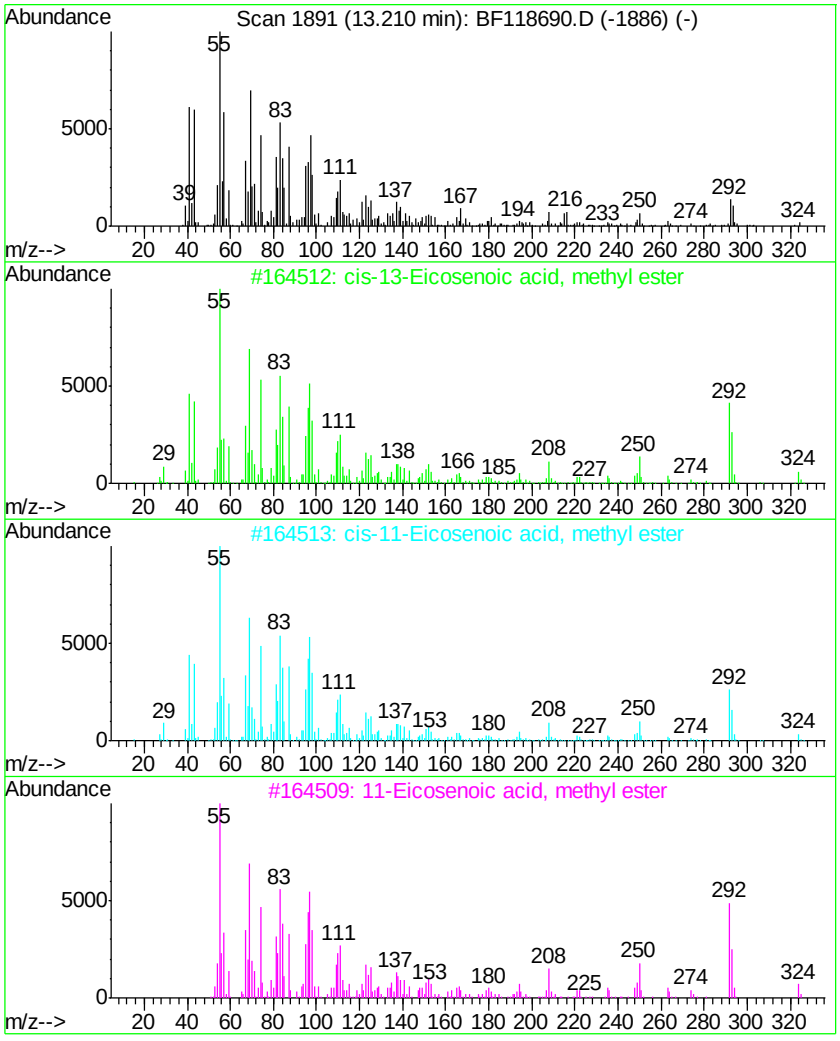
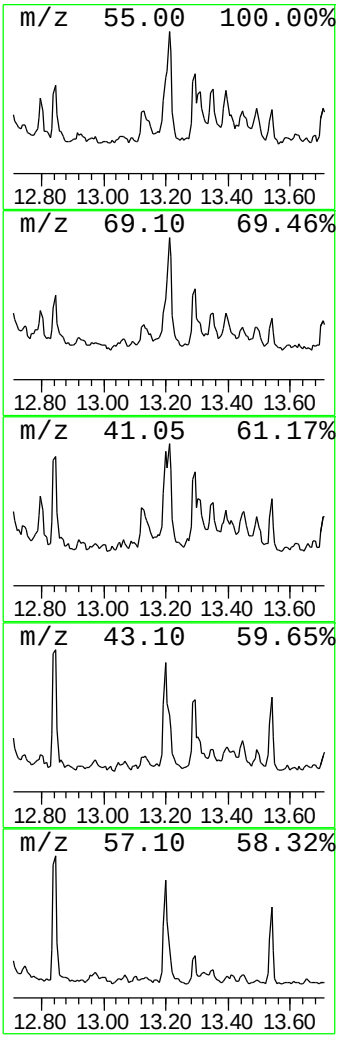
Peak Number 19 cis-13-Eicosenoic acid, met... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	12.60 ng	1074860	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	99
2	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	99
3	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	99
4	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	93
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118690.D
Acq On : 24 Jan 2020 17:20
Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

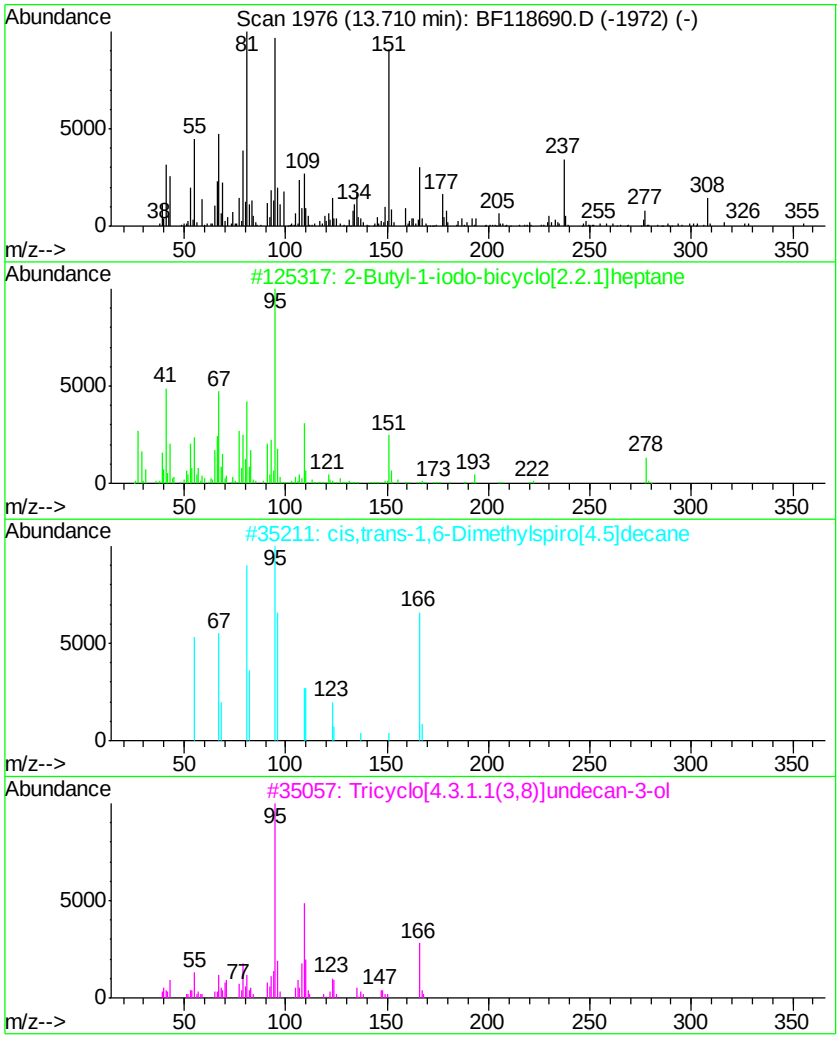
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

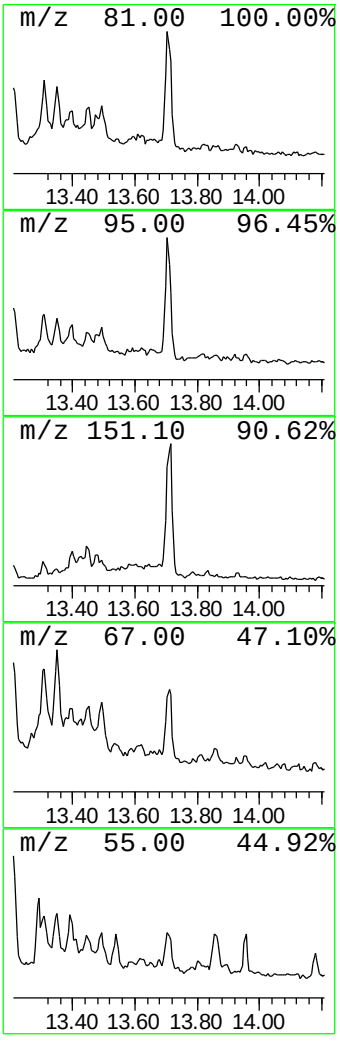
****

Peak Number 20 unknown13.71 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	6.93 ng	590977	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyl-1-iodo-bicyclo[2.2.1]hep...	278	C11H19I	1000190-59-7	43
2	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	38
3	Tricyclo[4.3.1.1(3,8)]undecan-3-ol	166	C11H18O	014504-80-4	35
4	2(3H)-Benzofuranone, 3a,4,5,7a-t...	166	C10H14O2	1000360-45-0	35
5	1-Buten-3-one, 1-(1-acetyl-5,5-d...	208	C13H20O2	1000197-42-8	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012420\
Data File : BF118690.D
Acq On : 24 Jan 2020 17:20
Operator : CG/JU
Sample : L1007-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-012320-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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
Tridecane	8.74	7.2	ng	956962	2	8.15	2672300	20.0
Hexadecane	9.30	9.3	ng	1204010	3	9.90	2576180	20.0
Tetradecane	9.83	9.0	ng	1154280	3	9.90	2576180	20.0
Sulfurous acid, 2...	10.33	11.9	ng	1536820	3	9.90	2576180	20.0
Pentadecane, 2,6,...	10.55	6.7	ng	864567	3	9.90	2576180	20.0
Heptadecane	10.80	17.1	ng	1860130	4	11.38	2174170	20.0
Methyl tetradecan...	10.90	7.3	ng	795144	4	11.38	2174170	20.0
Heptadecane, 8-me...	11.25	10.8	ng	1176230	4	11.38	2174170	20.0
Tetradecane, 4-et...	11.68	9.5	ng	1029500	4	11.38	2174170	20.0
Hexadecanoic acid...	11.78	75.9	ng	8248230	4	11.38	2174170	20.0
n-Hexadecanoic acid	11.91	12.4	ng	1349600	4	11.38	2174170	20.0
Tetradecane, 2,6,...	12.09	9.3	ng	1010640	4	11.38	2174170	20.0
9,12-Octadecadien...	12.47	97.4	ng	10589500	4	11.38	2174170	20.0
16-Octadecenoic a...	12.49	178.4	ng	19398600	4	11.38	2174170	20.0
Methyl stearate	12.57	37.3	ng	4059400	4	11.38	2174170	20.0
Oleic Acid	12.63	40.2	ng	4369850	4	11.38	2174170	20.0
Octadecane	12.84	6.3	ng	539872	5	14.01	1705790	20.0
cis-13-Eicosenoic...	13.21	12.6	ng	1074860	5	14.01	1705790	20.0
unknown13.71	13.71	6.9	ng	590977	5	14.01	1705790	20.0