LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120419.D
Acq On : 28 May 2020 20:28
Operator : MA/SJ
Sample : L2746-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM56-COMP-2020-0-6

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-BF052820.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	1.963	10	13	28	rVB	1205529	1500408	31.47%	2.340%
2	2.081	28	33	50	rVB	1019682	1341665	28.14%	2.093%
3	3.281	235	237	248	rBV	24934	62135	1.30%	0.097%
4	5.028	518	534	537	rBV	41136	89286	1.87%	0.139%
5	5.451	601	606	609	rBV	3963013	3885760	81.51%	6.061%
6	6.081	710	713	719	rBV	49277	71351	1.50%	0.111%
7	6.463	773	778	781	rBV	3863868	4026702	84.47%	6.280%
8	6.663	809	812	819	rBV	408772	361228	7.58%	0.563%
9	6.840	838	842	846	rBV	1878087	1445993	30.33%	2.255%
10	6.998	865	869	872	rVB	4061120	3508487	73.60%	5.472%
11	7.398	932	937	940	rBV	2778778	2659763	55.79%	4.148%
12	8.122	1056	1060	1063	rBV	2215709	1759413	36.91%	2.744%
13	9.198	1238	1243	1246	rBV	5537313	4767200	100.00%	7.435%
14	9.310	1260	1262	1267	rVB2	62312	69866	1.47%	0.109%
15	9.592	1306	1310	1313	rBV	1534042	1347660	28.27%	2.102%
16	9.733	1330	1334	1342	rVB	69439	58770	1.23%	0.092%
17	9.875	1354	1358	1361	rBV	2267046	1843508	38.67%	2.875%
18	10.657	1487	1491	1495	rBV	2756285	2650729	55.60%	4.134%
19	11.010	1546	1551	1556	rBV5	44465	74622	1.57%	0.116%
20	11.222	1582	1587	1590	rBV5	40397	77547	1.63%	0.121%
21	11.304	1598	1601	1605	rBV	202846	210859	4.42%	0.329%
22	11.357	1605	1610	1612	rVV	2020970	1869572	39.22%	2.916%
23	11.380	1612	1614	1618	rVV	702212	541846	11.37%	0.845%
24	11.433	1618	1623	1625	rVB	173283	168030	3.52%	0.262%
25	11.580	1643	1648	1651	rBV2	80518	94525	1.98%	0.147%
26	11.816	1683	1688	1691	rBV	317589	380446	7.98%	0.593%
27	11.851	1691	1694	1697	rVV2	387336	426879	8.95%	0.666%
28	11.886	1697	1700	1704	rVV	885795	887385	18.61%	1.384%
29	11.922	1704	1706	1711	rVB2	131982	151824	3.18%	0.237%
30	11.969	1711	1714	1717	rBV	180007	187257	3.93%	0.292%
31	12.063	1727	1730	1734	rBV	193538	193827	4.07%	0.302%
32	12.151	1741	1745	1747	rBV	80560	96096	2.02%	0.150%
33	12.174	1747	1749	1753	rVB2	82935	70372	1.48%	0.110%
34	12.410	1785	1789	1791	rBV	89083	96490	2.02%	0.150%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120419.D
Acq On : 28 May 2020 20:28
Operator : MA/SJ
Sample : L2746-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM56-COMP-2020-0-6

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-BF052820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.445	1791	1795	1800	rVV3	55970	85952	1.80%	0.134%
36	12.486	1800	1802	1808	rVB5	110593	134826	2.83%	0.210%
37	12.569	1810	1816	1819	rBV	1533633	1582564	33.20%	2.468%
38	12.610	1819	1823	1830	rVB3	219910	340992	7.15%	0.532%
39	12.669	1830	1833	1839	rBV3	163946	195323	4.10%	0.305%
40	12.798	1849	1855	1858	rBV	1357417	1345929	28.23%	2.099%
41	12.845	1861	1863	1868	rVB2	80626	87523	1.84%	0.137%
42	12.916	1872	1875	1876	rBV	80391	68289	1.43%	0.107%
43	12.945	1876	1880	1883	rVV	4668840	4251389	89.18%	6.631%
44	13.016	1887	1892	1895	rBV2	97515	166423	3.49%	0.260%
45	13.104	1904	1907	1908	rBV2	60545	60237	1.26%	0.094%
46	13.127	1908	1911	1913	rVB	176210	168146	3.53%	0.262%
47	13.157	1913	1916	1918	rBV2	68896	63963	1.34%	0.100%
48	13.192	1918	1922	1924	rVB2	140893	128396	2.69%	0.200%
49	13.227	1924	1928	1931	rBV2	144800	147045	3.08%	0.229%
50	13.321	1941	1944	1947	rVB	93259	78770	1.65%	0.123%
51	13.351	1947	1949	1953	rVB	86697	71239	1.49%	0.111%
52	13.398	1954	1957	1959	rVV3	65548	58340	1.22%	0.091%
53	13.421	1959	1961	1965	rVB4	54713	56180	1.18%	0.088%
54	13.627	1993	1996	2001	rVB	110266	149422	3.13%	0.233%
55	13.745	2011	2016	2018	rBV2	129564	178211	3.74%	0.278%
56	13.768	2018	2020	2022	rVV	124115	120854	2.54%	0.188%
57	13.792	2022	2024	2029	rVV3	122841	202300	4.24%	0.316%
58	13.839	2029	2032	2039	rVB2	657929	750713	15.75%	1.171%
59	13.992	2050	2058	2061	rBV2	2018810	2616037	54.88%	4.080%
60	14.021	2061	2063	2069	rVB	659761	575296	12.07%	0.897%
61	14.098	2073	2076	2080	rVV	138362	130701	2.74%	0.204%
62	14.168	2085	2088	2092	rVV3	113506	162525	3.41%	0.253%
63	14.216	2092	2096	2100	rVB2	66956	97991	2.06%	0.153%
64	14.380	2121	2124	2127	rVB	119017	109155	2.29%	0.170%
65	14.415	2127	2130	2132	rVB2	77665	71229	1.49%	0.111%
66	14.474	2137	2140	2143	rBV2	406255	422883	8.87%	0.660%
67	14.774	2189	2191	2194	rBV	64652	64720	1.36%	0.101%
68	14.921	2213	2216	2222	rVB2	291690	305016	6.40%	0.476%
69	15.027	2229	2234	2237	rBV	634772	1023325	21.47%	1.596%
70	15.115	2245	2249	2250	rBV2	296053	353867	7.42%	0.552%
71	15.133	2250	2252	2260	rVB	664787	767412	16.10%	1.197%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120419.D
Acq On : 28 May 2020 20:28
Operator : MA/SJ
Sample : L2746-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM56-COMP-2020-0-6

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-BF052820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.321	2280	2284	2290	rVB	405134	499948	10.49%	0.780%
73	15.380	2290	2294	2299	rBV	525915	639557	13.42%	0.998%
74	15.451	2301	2306	2309	rVV	1123457	1451902	30.46%	2.265%
75	15.480	2309	2311	2317	rVB3	186350	277228	5.82%	0.432%
76	15.686	2343	2346	2350	rVB	199651	254982	5.35%	0.398%
77	15.927	2382	2387	2391	rBV	480023	716519	15.03%	1.118%
78	15.974	2391	2395	2404	rVB2	329483	587255	12.32%	0.916%
79	16.715	2516	2521	2528	rVB4	183886	355819	7.46%	0.555%
80	16.880	2544	2549	2556	rBV2	251351	551664	11.57%	0.860%
81	17.086	2576	2584	2596	rBV4	1345800	3028941	63.54%	4.724%
82	17.256	2607	2613	2618	rVV	475263	864014	18.12%	1.348%
83	17.315	2619	2623	2635	rVB2	169054	328685	6.89%	0.513%
84	17.486	2646	2652	2659	rBV4	172174	387684	8.13%	0.605%

Sum of corrected areas: 64114882

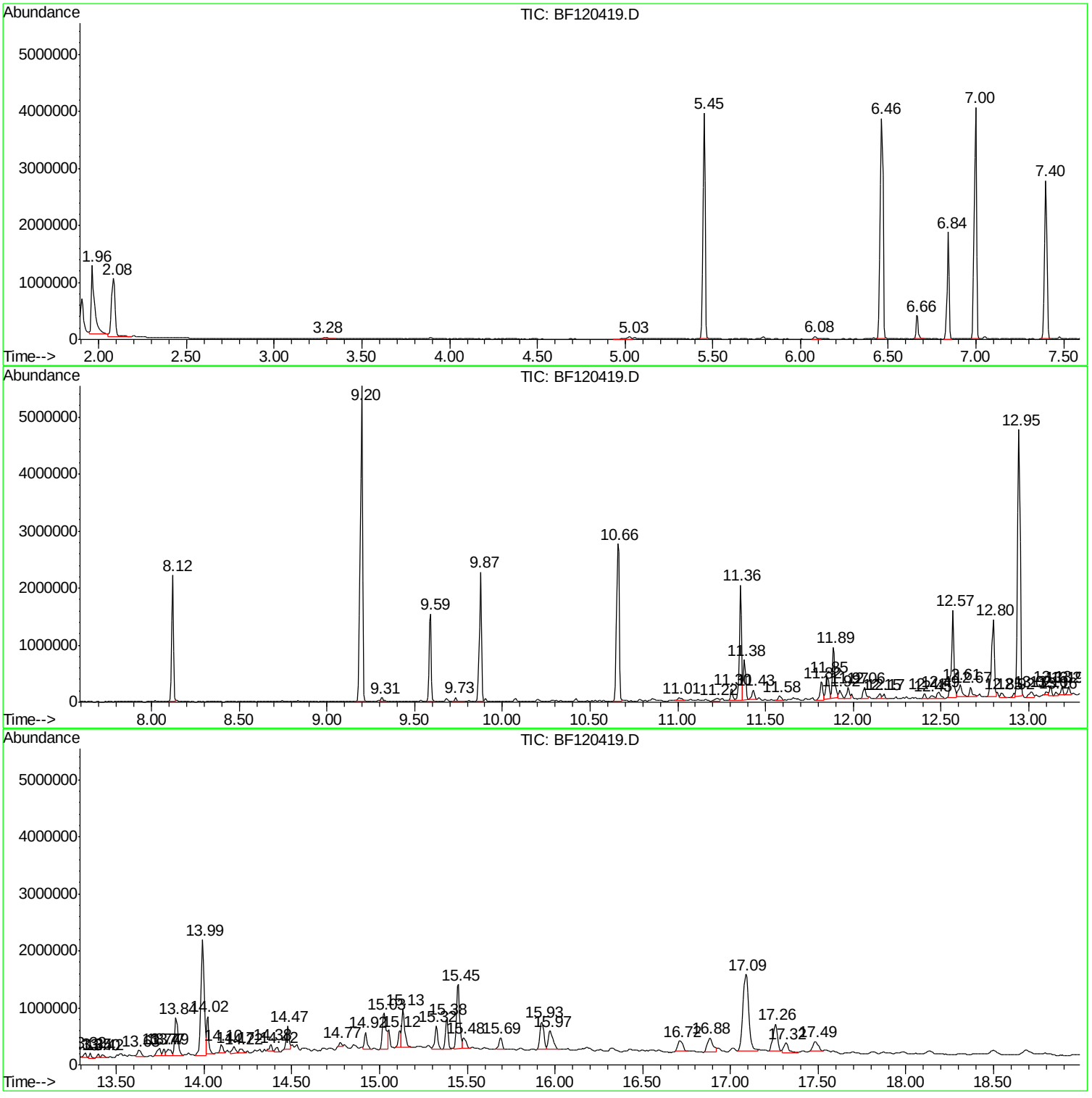
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120419.D
Acq On : 28 May 2020 20:28
Operator : MA/SJ
Sample : L2746-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM56-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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\BF052820\
Data File : BF120419.D
Acq On : 28 May 2020 20:28
Operator : MA/SJ
Sample : L2746-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM56-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

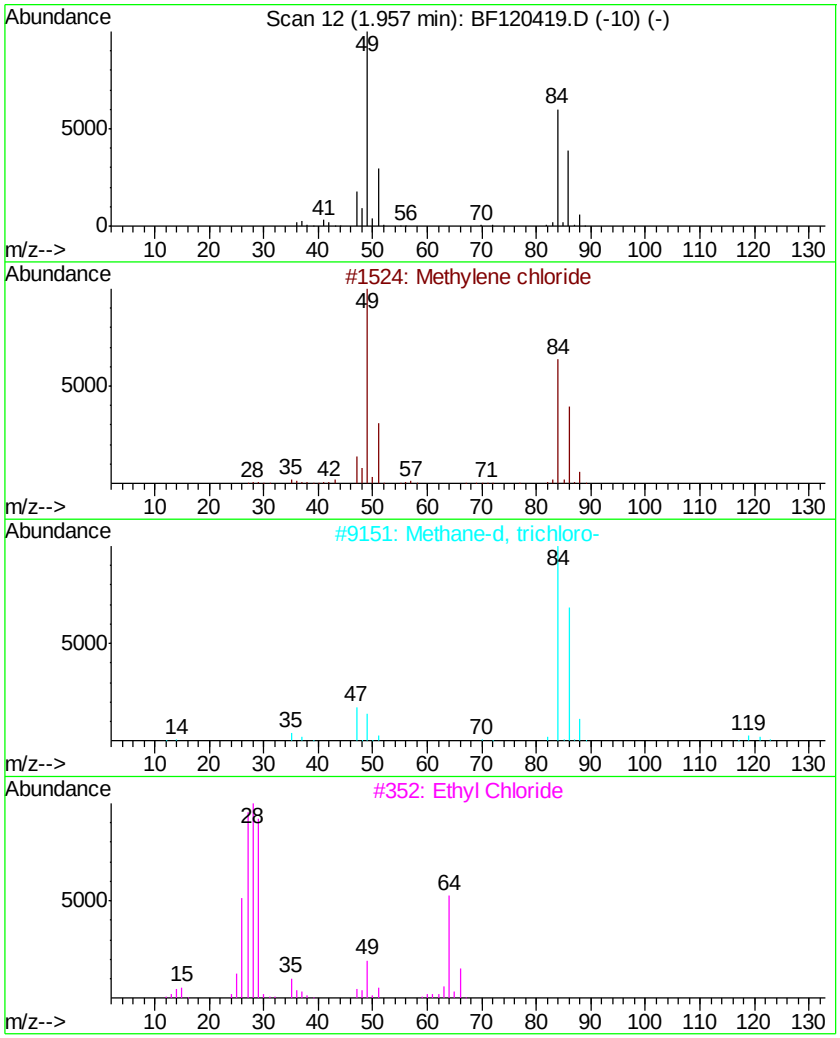
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

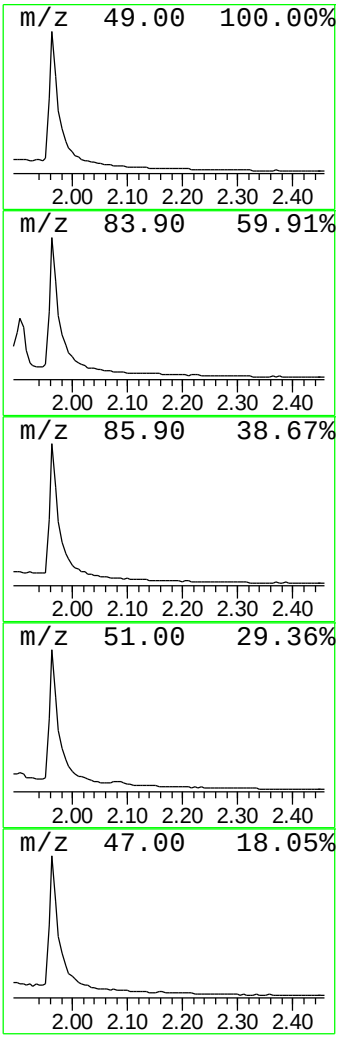
****

Peak Number 1 Methylene chloride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	20.75 ng	1500410	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene chloride	84	CH2Cl2	000075-09-2	95
2	Methane-d, trichloro-	119	CDCl3	000865-49-6	9
3	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
4	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2
5	Boron trifluoride	68	BF3	007637-07-2	1





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120419.D
Acq On : 28 May 2020 20:28
Operator : MA/SJ
Sample : L2746-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM56-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

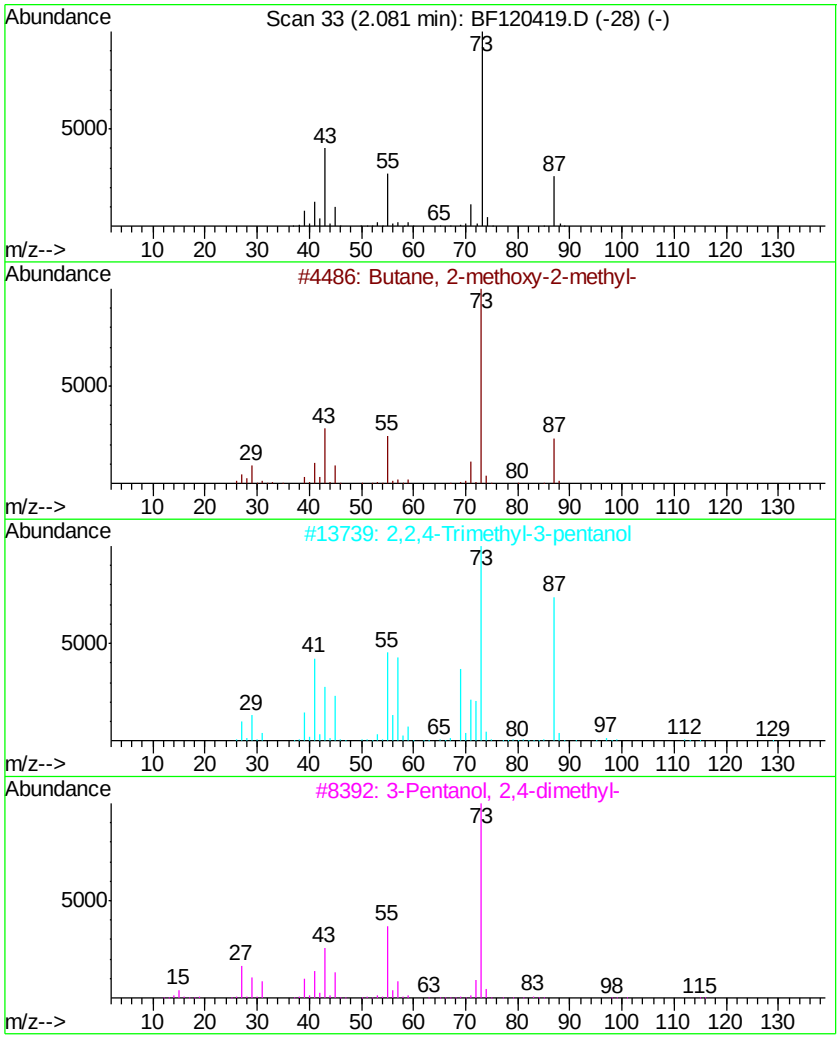
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

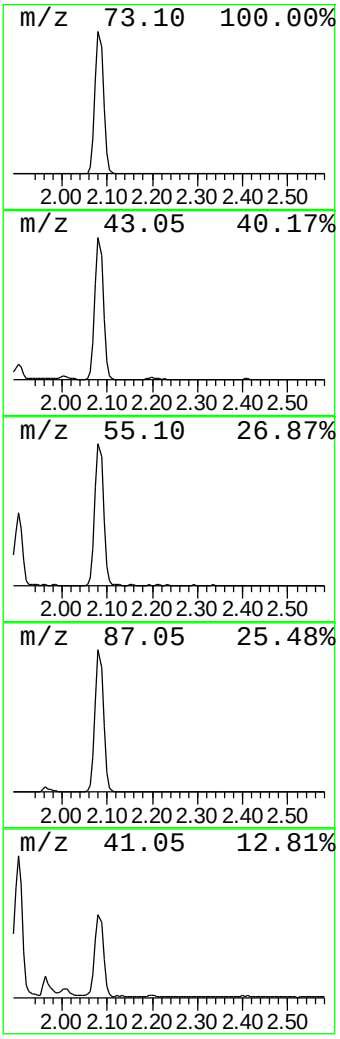
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.08	18.56 ng	1341670	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120419.D
Acq On : 28 May 2020 20:28
Operator : MA/SJ
Sample : L2746-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM56-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

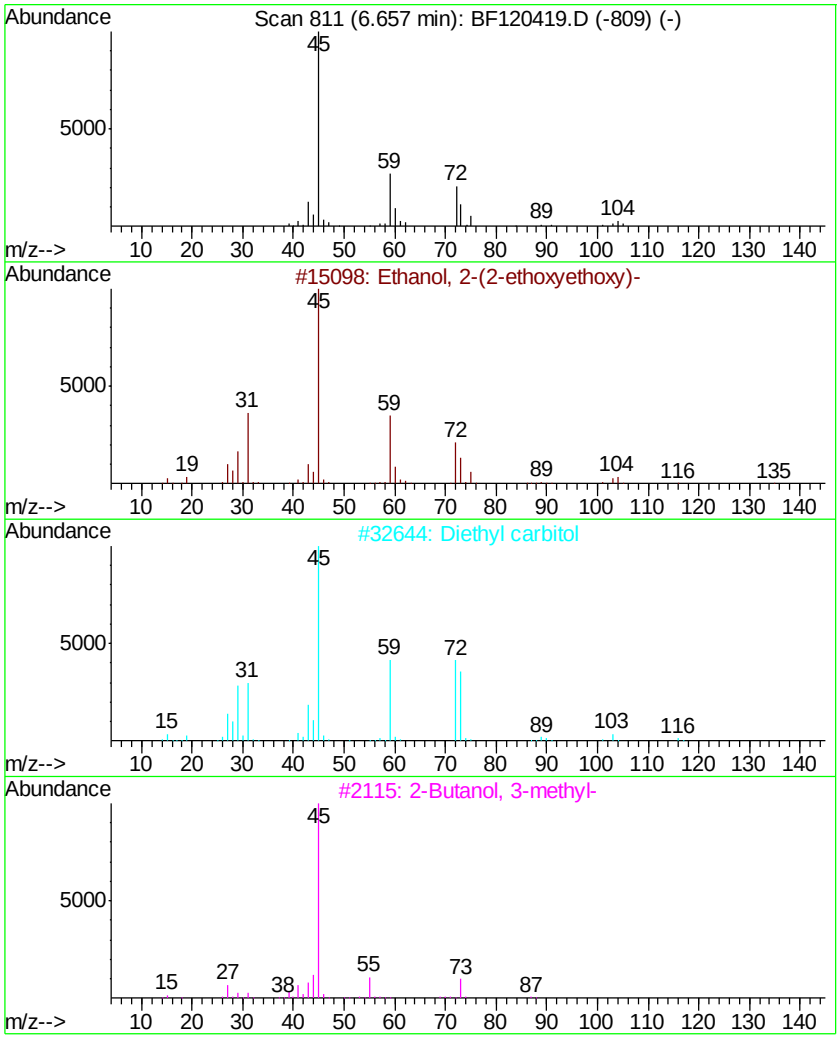
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

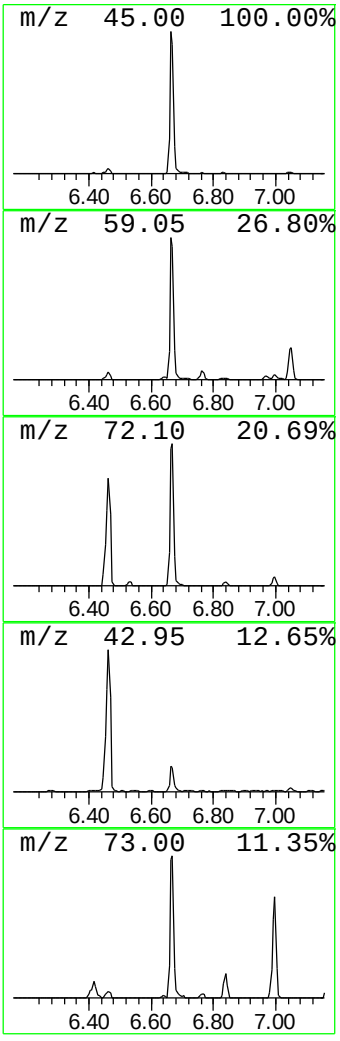
****

Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	5.00 ng	361228	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	47
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
5	2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	39





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
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Acq On : 28 May 2020 20:28
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Sample : L2746-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM56-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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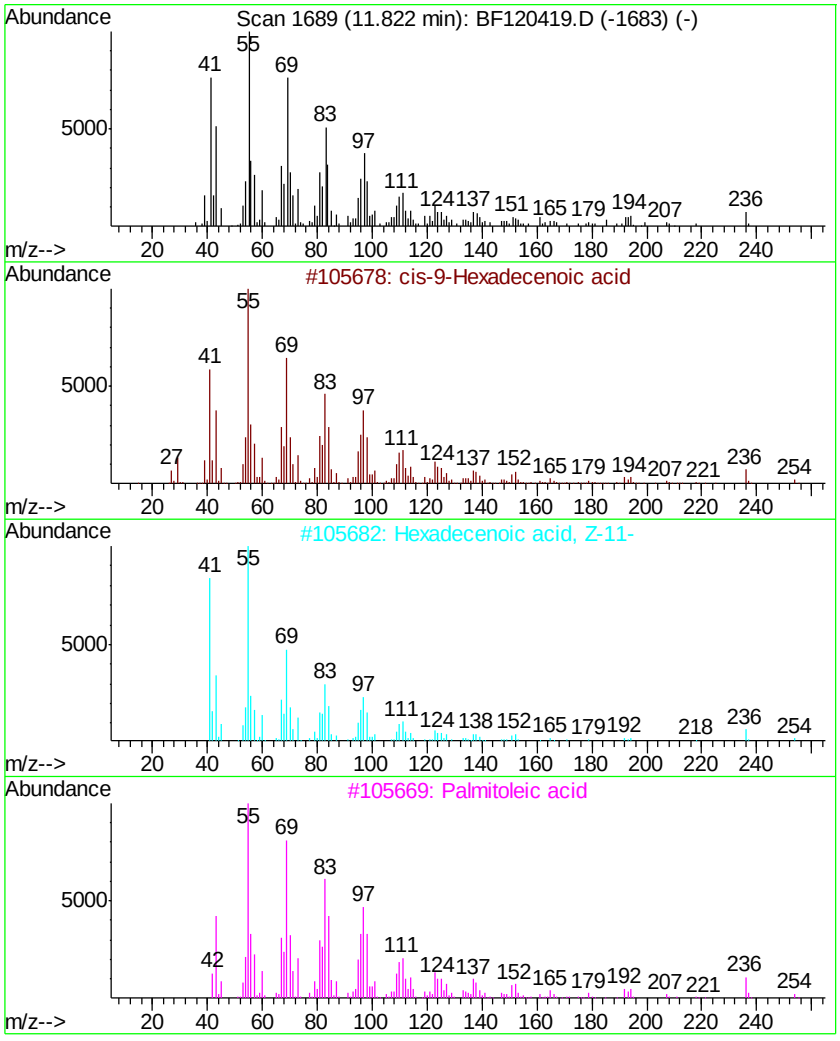
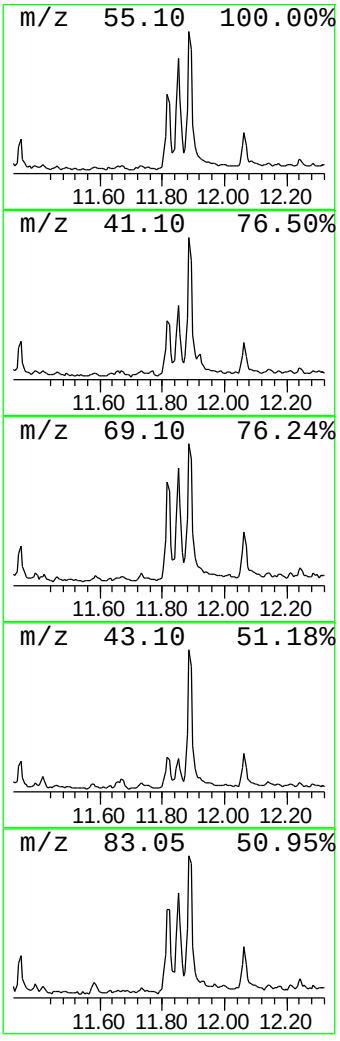
Peak Number 5 cis-9-Hexadecenoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	4.07 ng	380446	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	91
2	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
3	Palmitoleic acid	254	C16H30O2	000373-49-9	90
4	cis-2-Methyl-4-n-pentylthiane, S...	218	C11H22O2S	1000215-67-9	89
5	Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120419.D
Acq On : 28 May 2020 20:28
Operator : MA/SJ
Sample : L2746-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM56-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

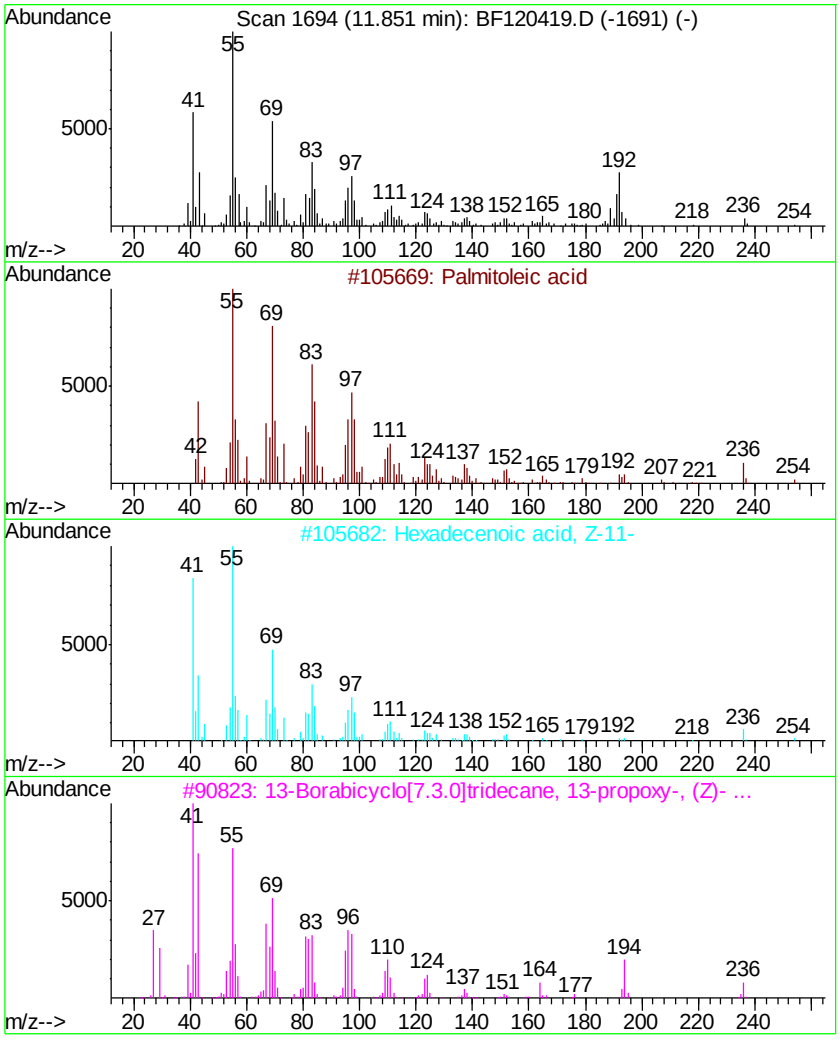
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

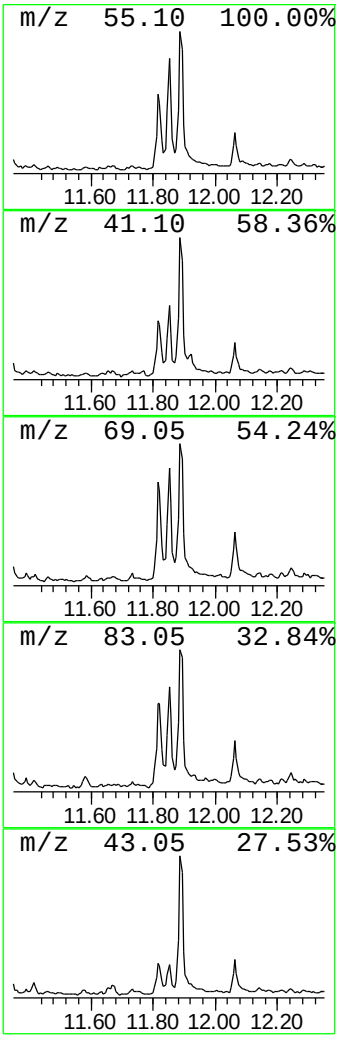
****

Peak Number 6 Palmitoleic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.57 ng	426879	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	95
2	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	60
3	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	52
4	E-9-Tetradecenoic acid	226	C14H26O2	1000131-35-8	45
5	4-Cyclopropylcarbonyloxytetradecane	282	C18H34O2	1000245-58-8	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120419.D
Acq On : 28 May 2020 20:28
Operator : MA/SJ
Sample : L2746-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM56-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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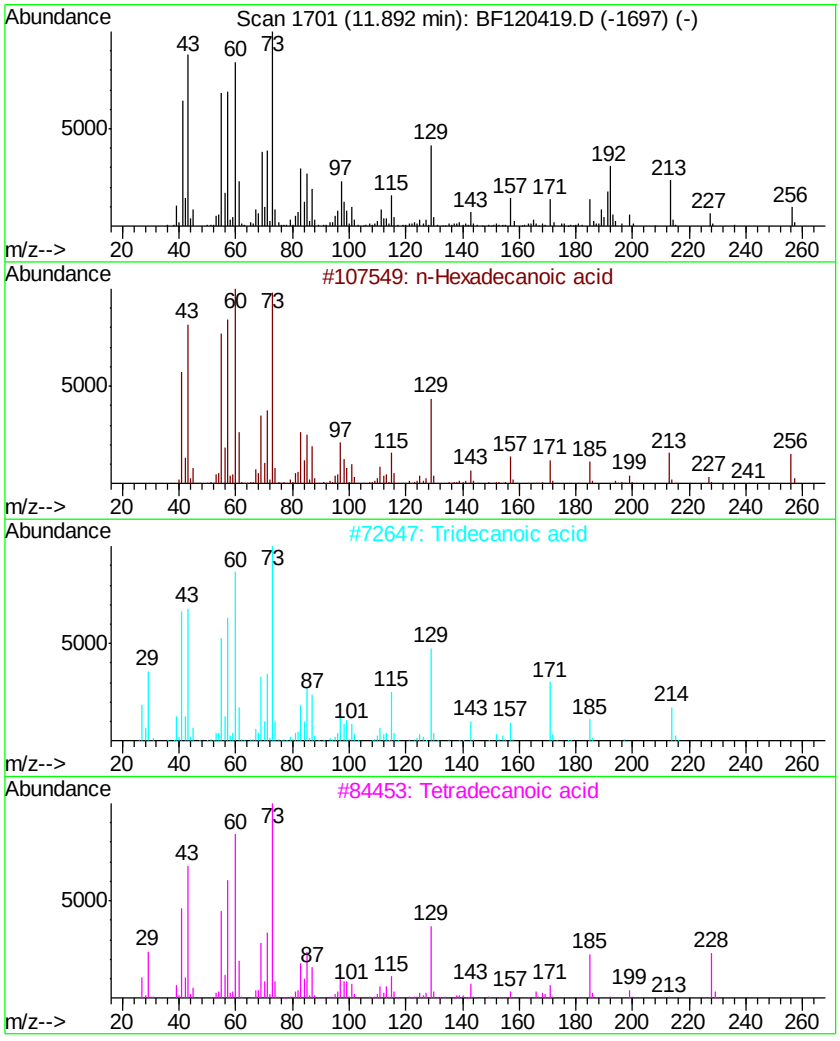
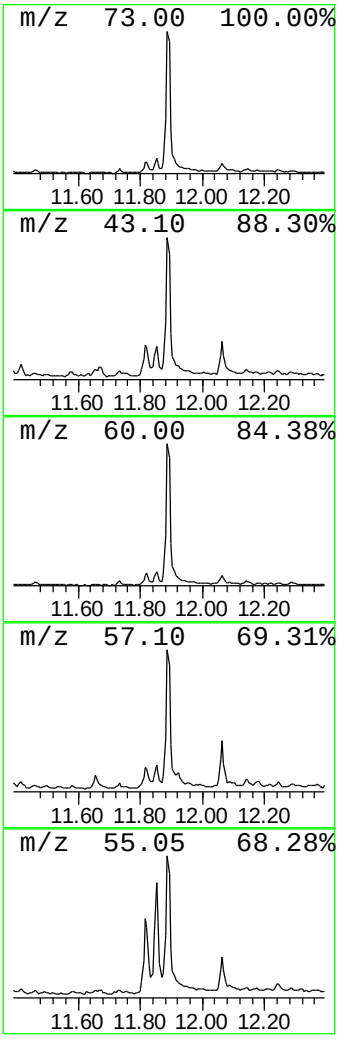
Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	9.49 ng	887385	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	56





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Acq On : 28 May 2020 20:28
Operator : MA/SJ
Sample : L2746-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM56-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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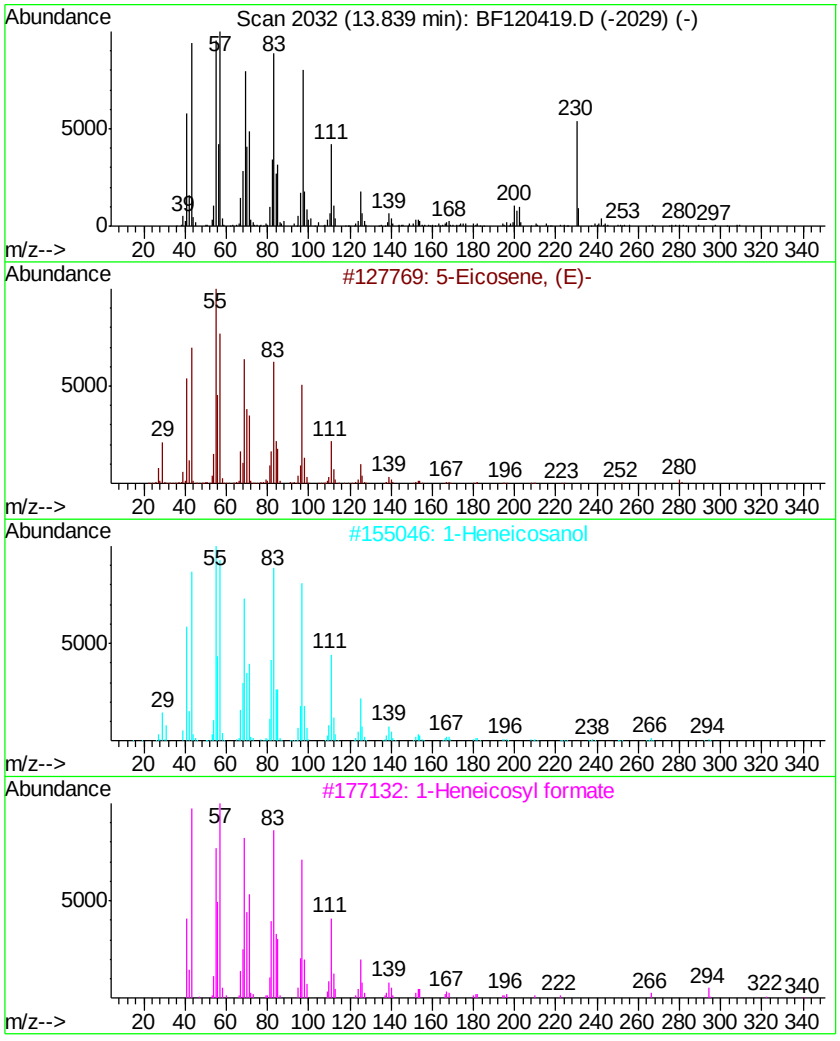
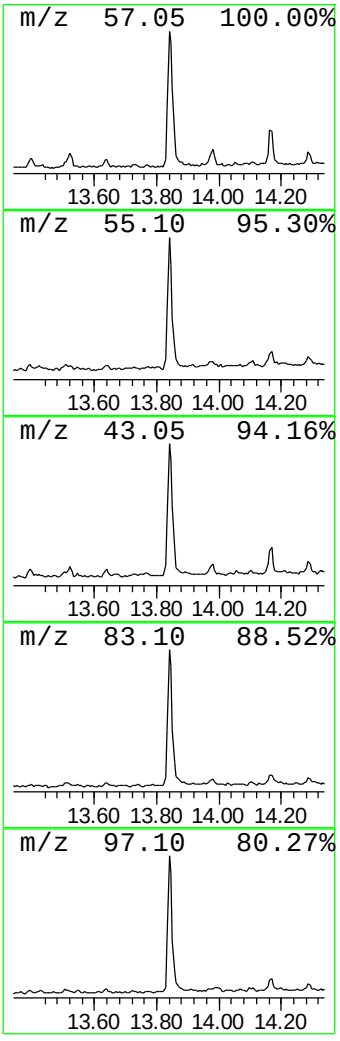
Peak Number 8 5-Eicosene, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	5.74 ng	750713	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93





Library Search Compound Report

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Acq On : 28 May 2020 20:28
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Sample : L2746-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM56-COMP-2020-0-6

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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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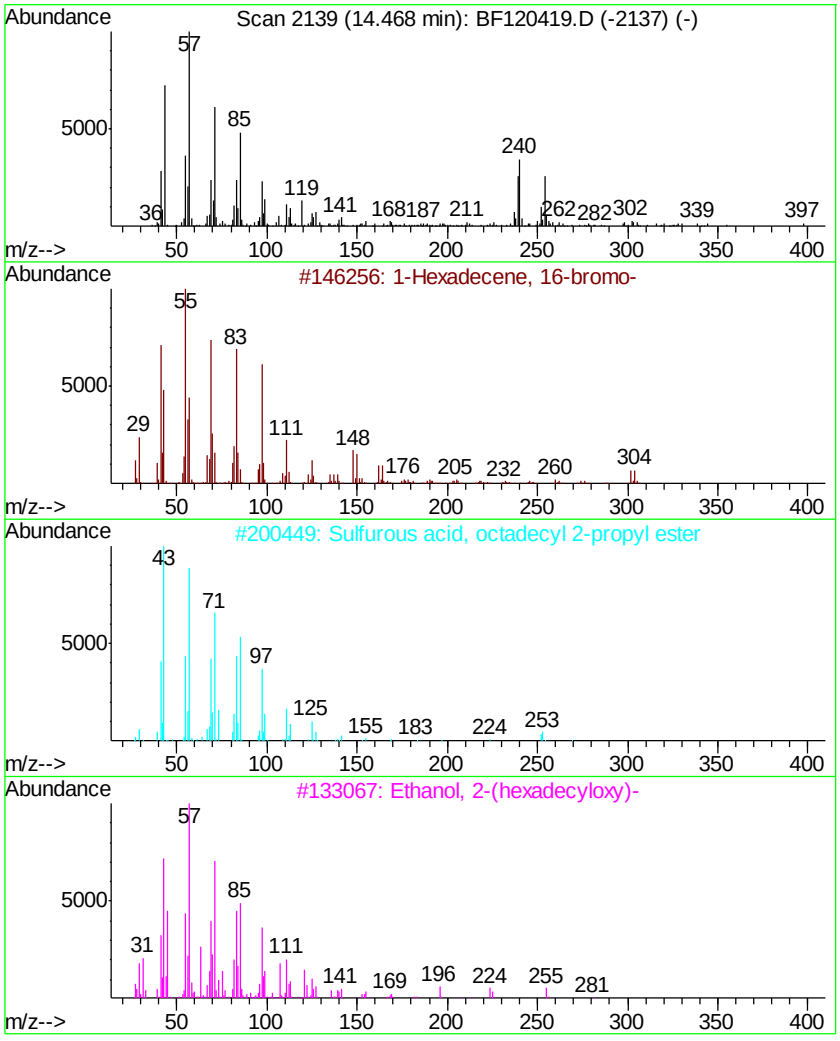
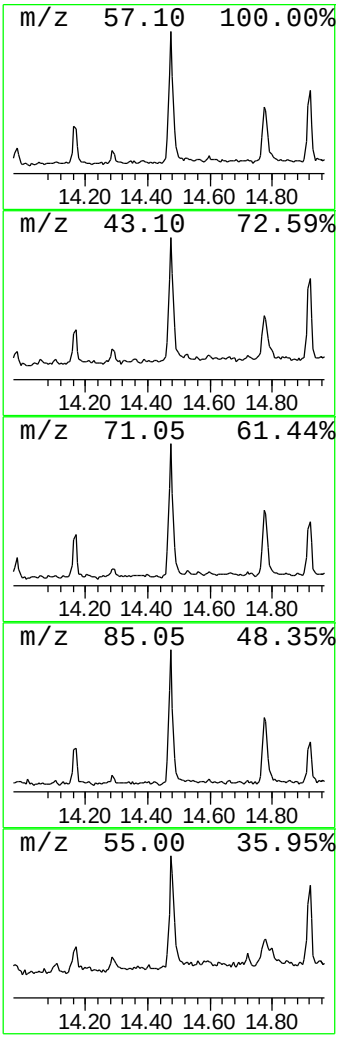
Peak Number 9 1-Hexadecene, 16-bromo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	3.23 ng	422883	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	78
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	70
3	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	62
4	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	62
5	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	62





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Misc :
ALS Vial : 15 Sample Multiplier: 1

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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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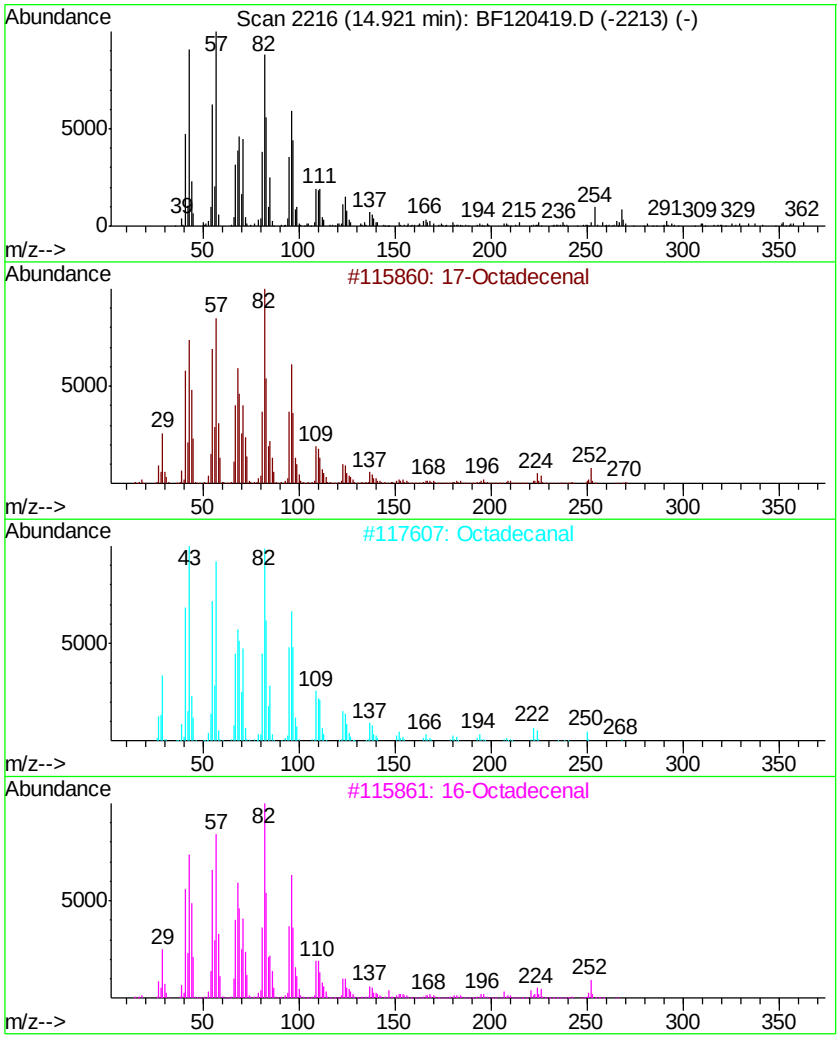
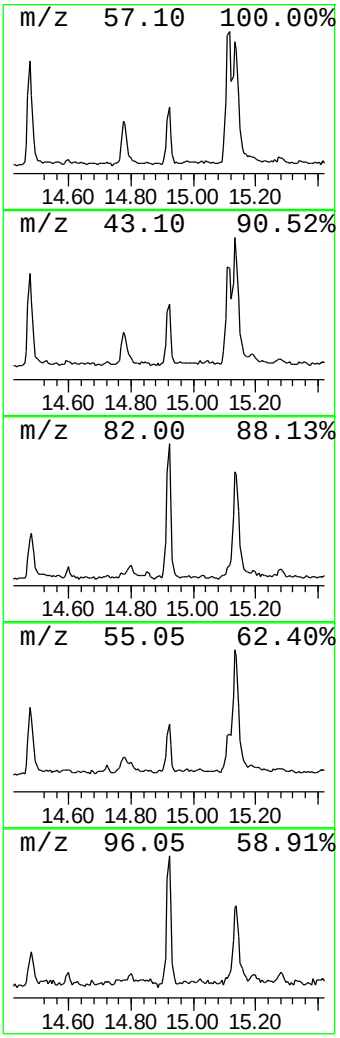
Peak Number 10 17-Octadecenal Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	4.20 ng	305016	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Octadecenal	266	C18H34O	056554-86-0	91
2	Octadecanal	268	C18H36O	000638-66-4	91
3	16-Octadecenal	266	C18H34O	056554-87-1	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Tetradecanal	212	C14H28O	000124-25-4	87





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Operator : MA/SJ
Sample : L2746-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId : NM56-COMP-2020-0-6

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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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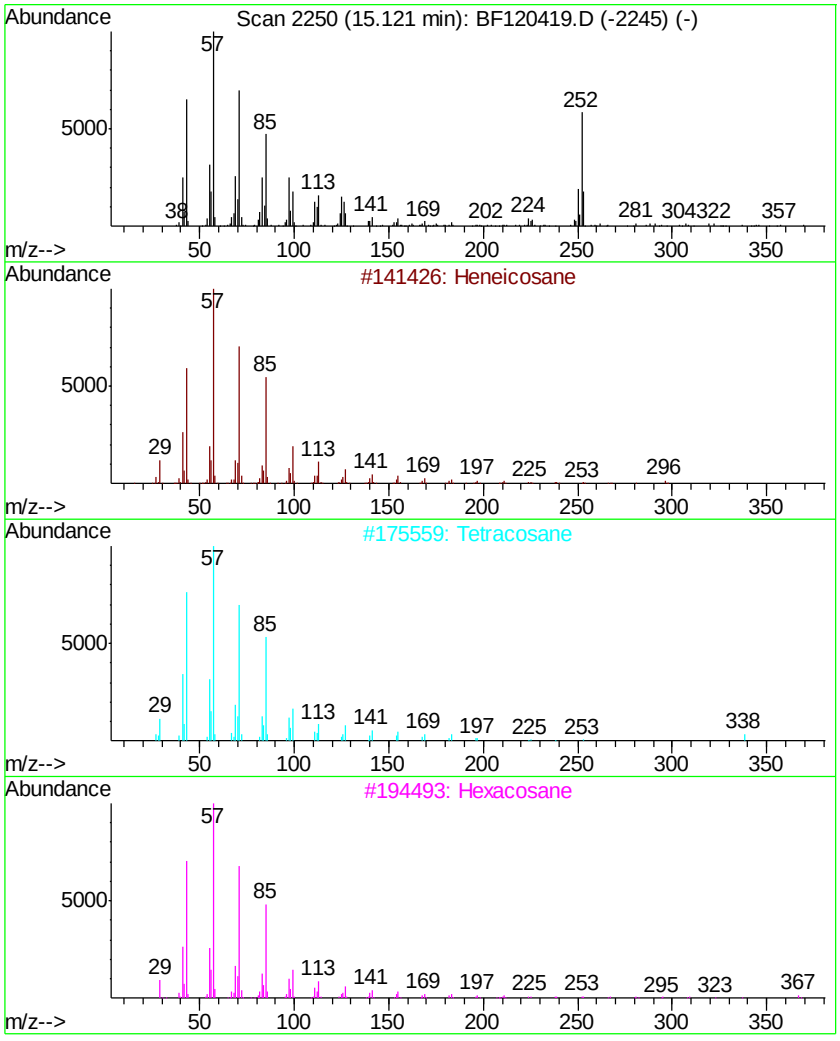
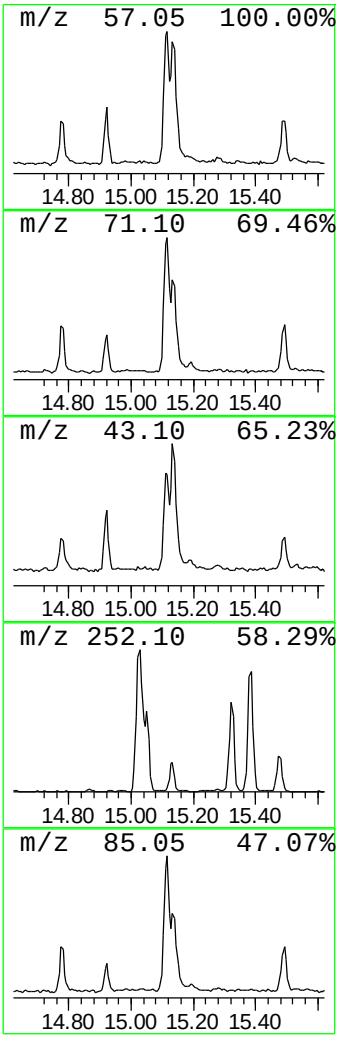
Peak Number 11 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	4.87 ng	353867	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5	Eicosane	282	C20H42	000112-95-8	87





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Sample : L2746-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM56-COMP-2020-0-6

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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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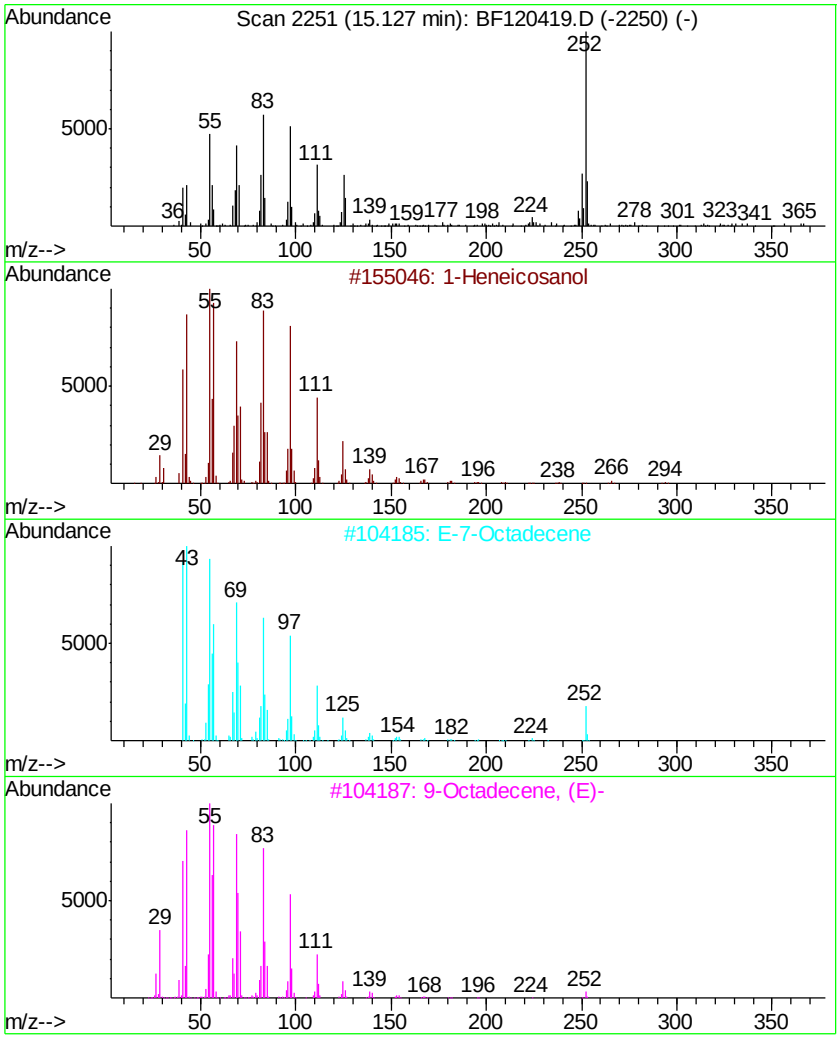
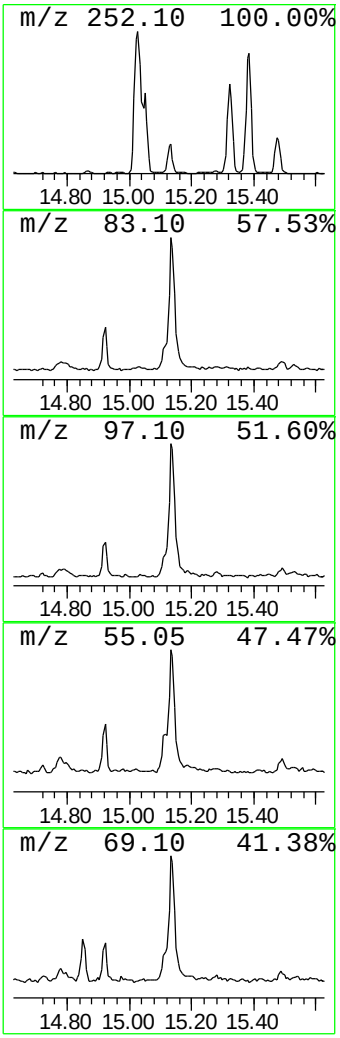
Peak Number 12 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	10.57 ng	767412	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	90
2	E-7-Octadecene	252	C18H36	1000130-92-0	86
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	64
4	Heptacosyl acetate	438	C29H58O2	1000351-78-2	49
5	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	49





Library Search Compound Report

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Sample : L2746-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM56-COMP-2020-0-6

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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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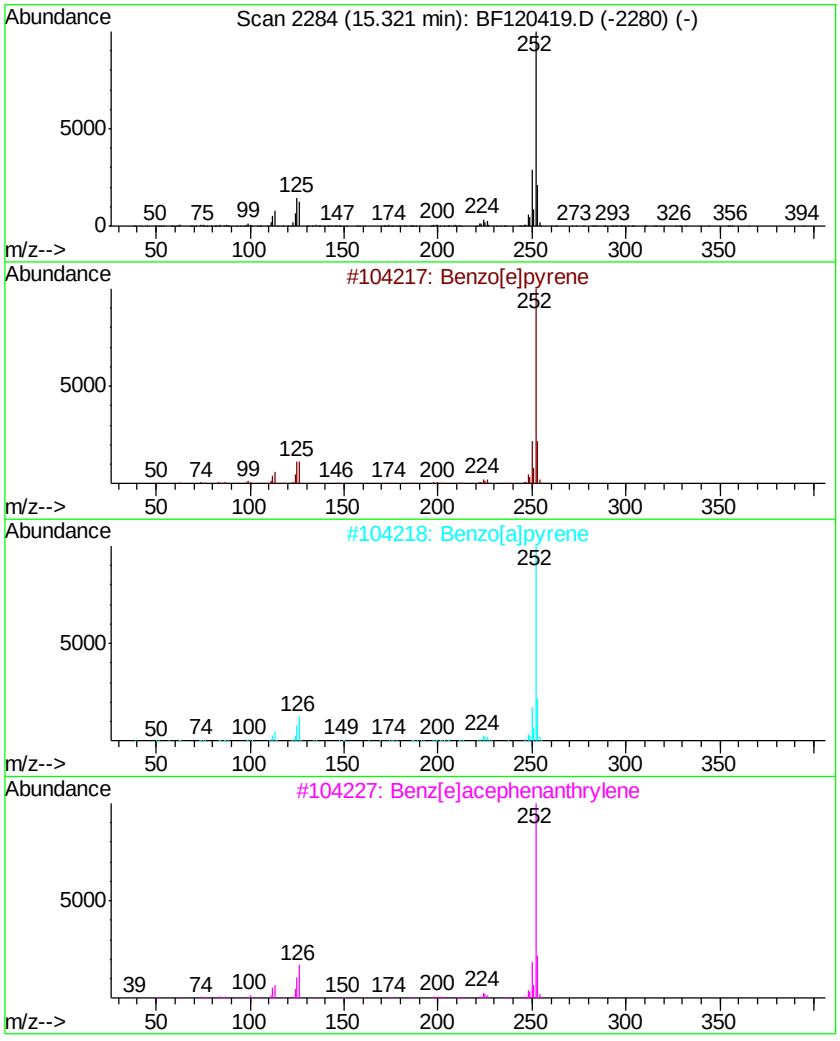
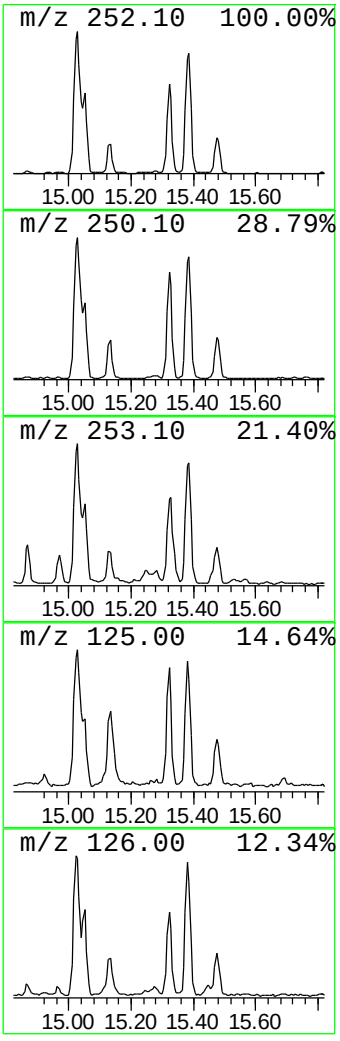
Peak Number 13 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	6.89 ng	499948	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
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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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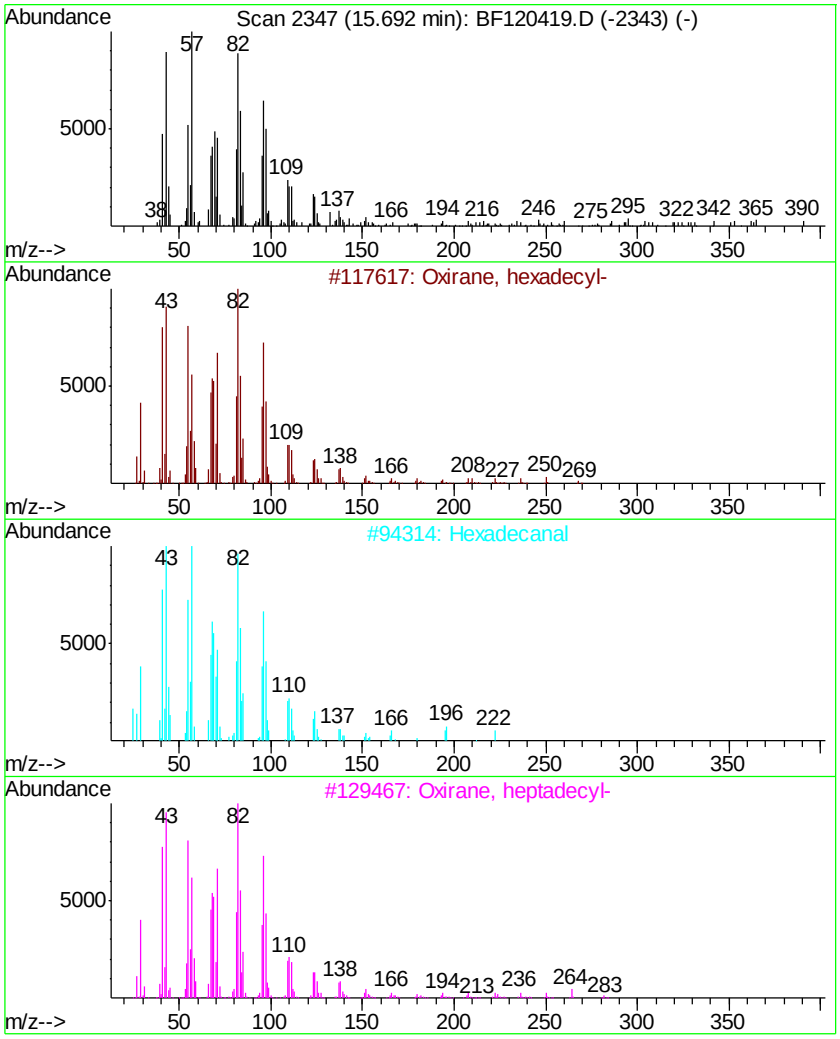
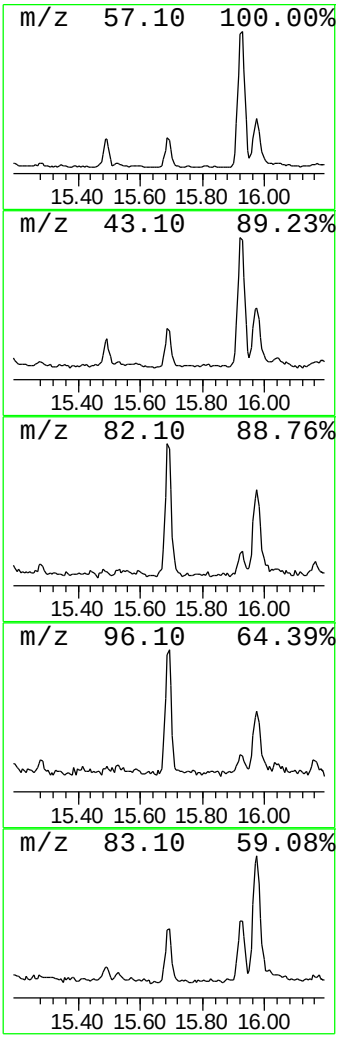
Peak Number 14 Oxirane, hexadecyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	3.51 ng	254982	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Hexadecanal	240	C16H32O	000629-80-1	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
4	Octadecanal	268	C18H36O	000638-66-4	90
5	Heptadecanal	254	C17H34O	1000376-70-0	87





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Sample : L2746-12
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ALS Vial : 15 Sample Multiplier: 1

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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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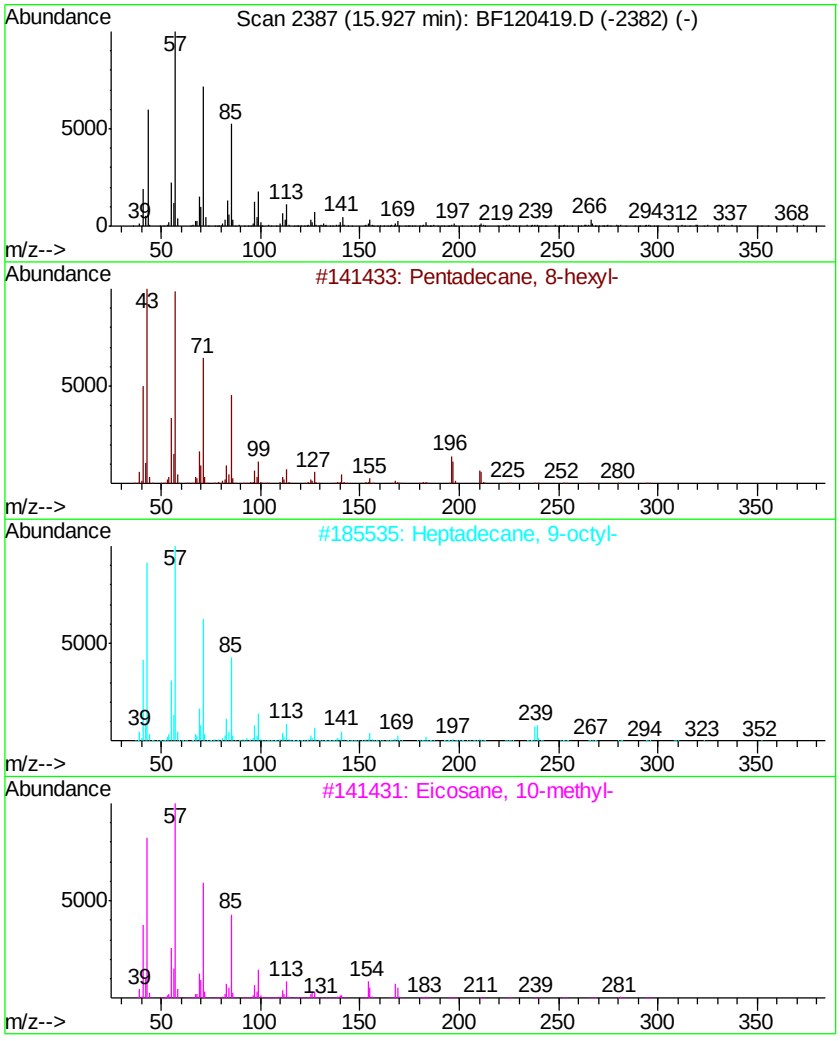
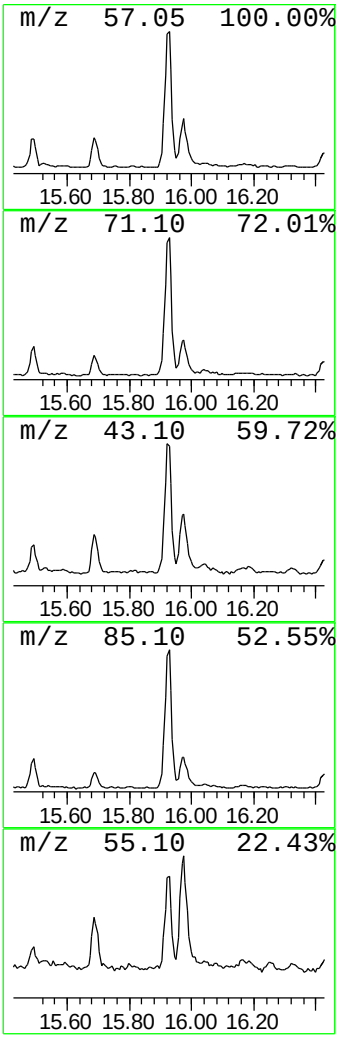
Peak Number 15 Pentadecane, 8-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	9.87 ng	716519	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





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ClientSampleId : NM56-COMP-2020-0-6

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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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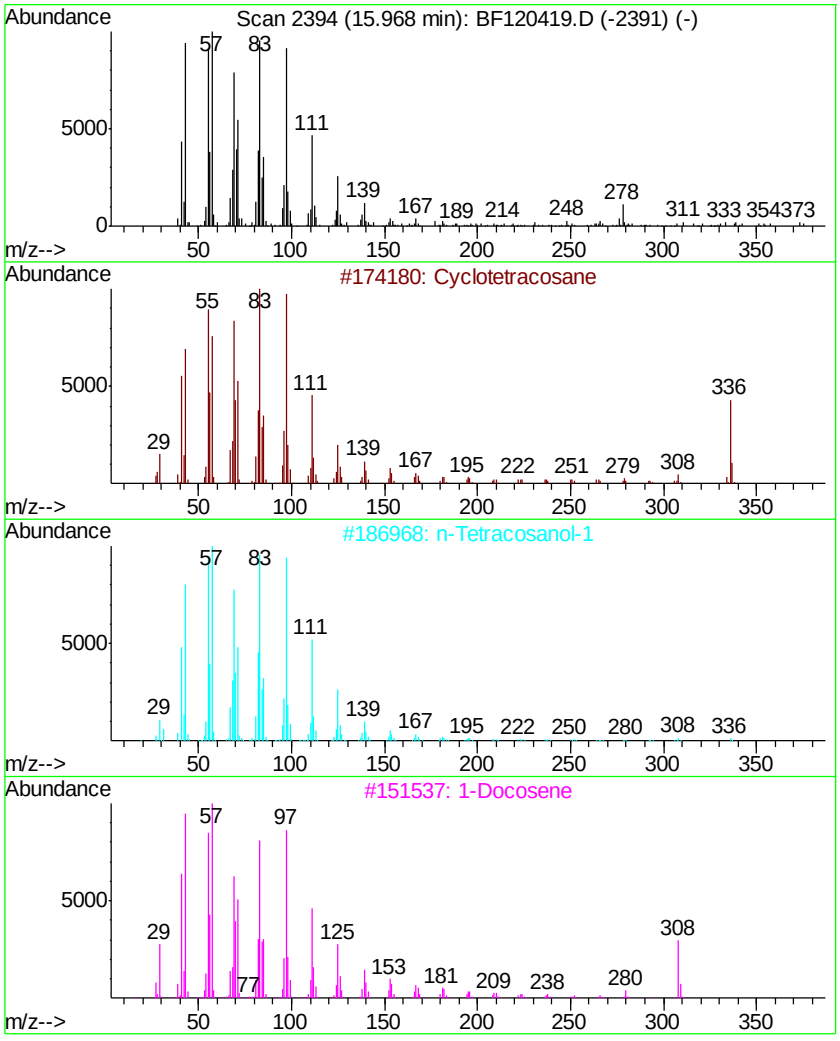
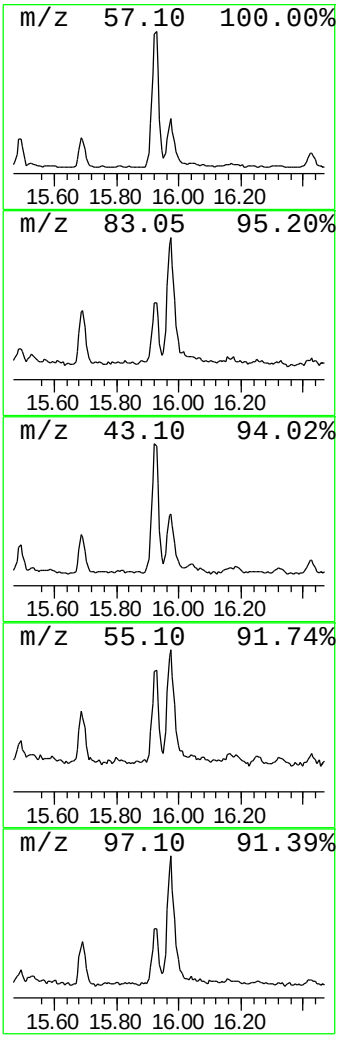
Peak Number 16 Cyclotetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	8.09 ng	587255	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Docosene	308	C22H44	001599-67-3	94
4	Octacosanol	410	C28H58O	000557-61-9	94
5	Behenic alcohol	326	C22H46O	000661-19-8	93





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Sample : L2746-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM56-COMP-2020-0-6

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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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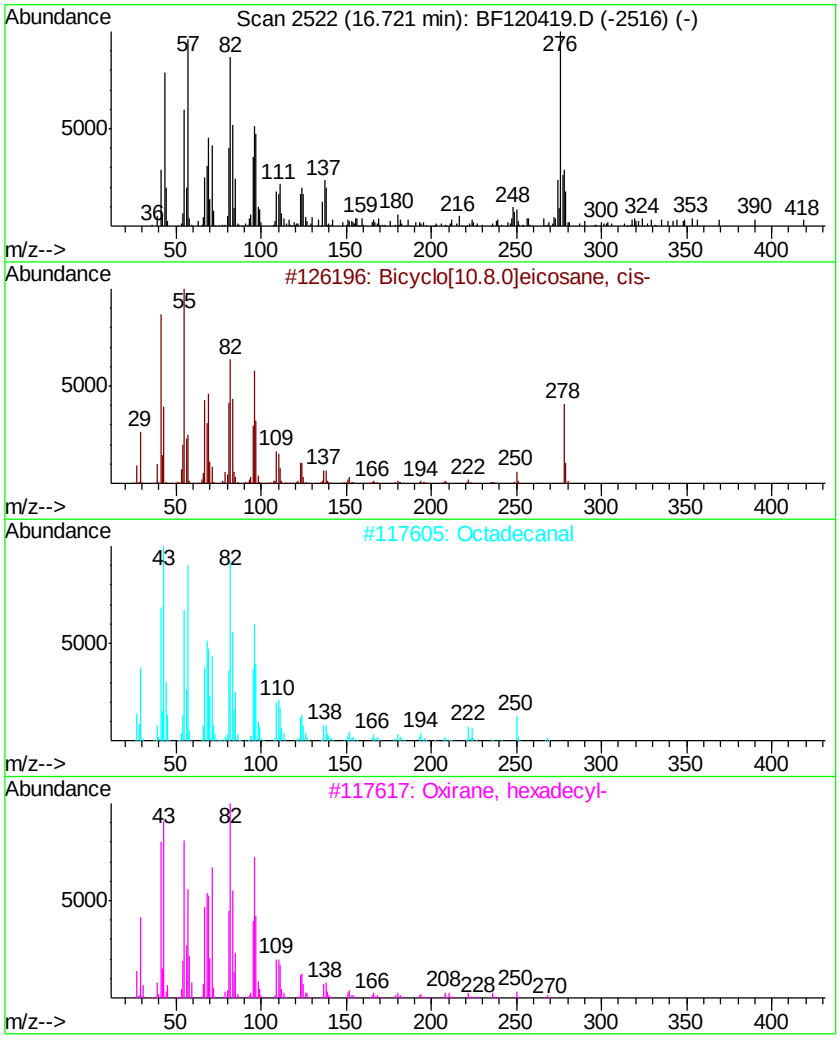
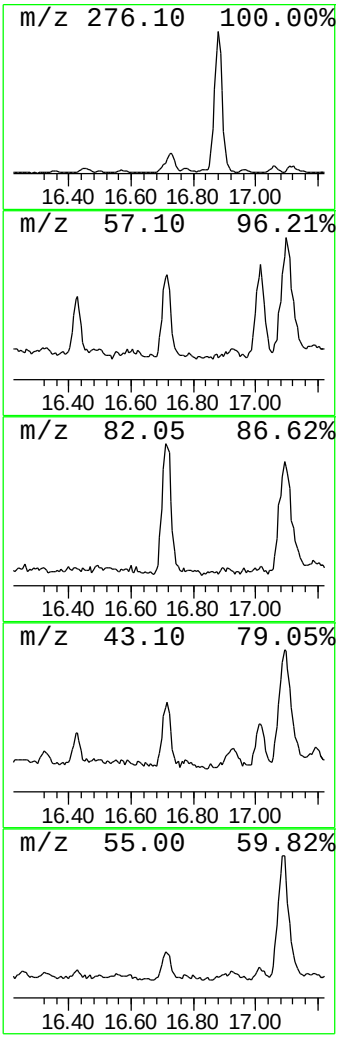
Peak Number 17 Bicyclo[10.8.0]eicosane, cis- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	4.90 ng	355819	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	93
2	Octadecanal	268	C18H36O	000638-66-4	70
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	64
4	Tetradecanal	212	C14H28O	000124-25-4	43
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	43





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Sample : L2746-12
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM56-COMP-2020-0-6

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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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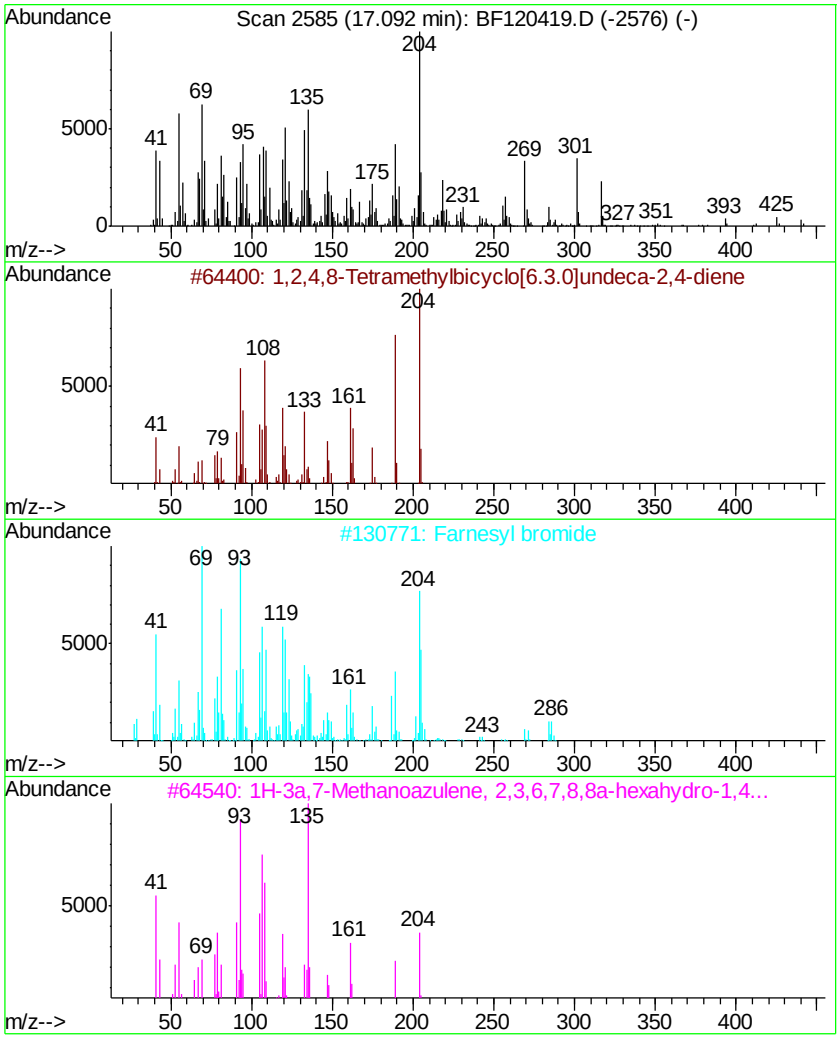
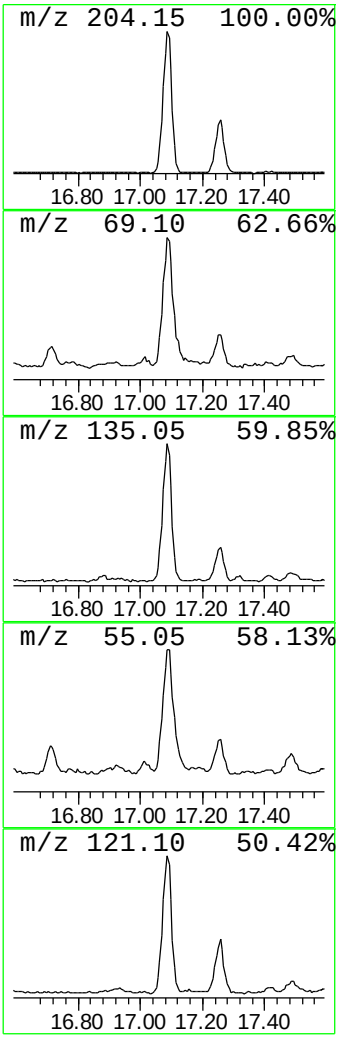
Peak Number 18 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	41.72 ng	3028940	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
2	Farnesyl bromide	284	C15H25Br	006874-67-5	55
3	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	53
4	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	49
5	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	46





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Sample : L2746-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM56-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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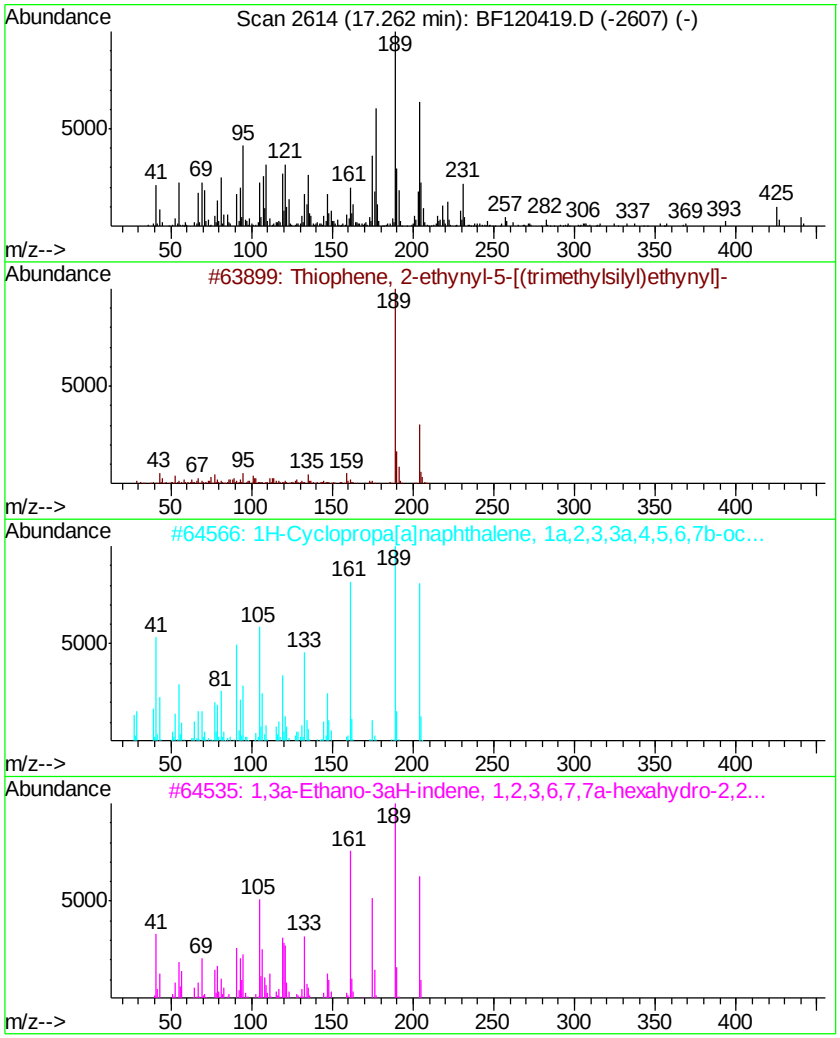
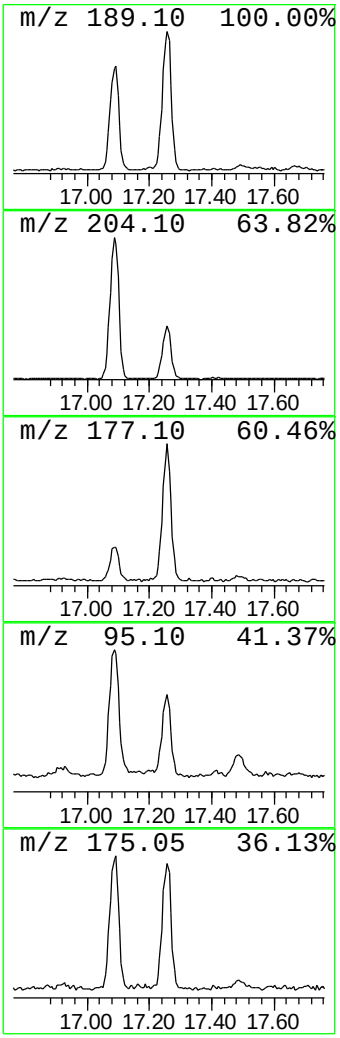
Peak Number 19 unknown17.26 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	11.90 ng	864014	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethynyl-5-[(trimeth...	204	C11H12SSi	182323-29-1	49
2	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	43
3	1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	38
4	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	35
5	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000192-43-5	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120419.D
Acq On : 28 May 2020 20:28
Operator : MA/SJ
Sample : L2746-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM56-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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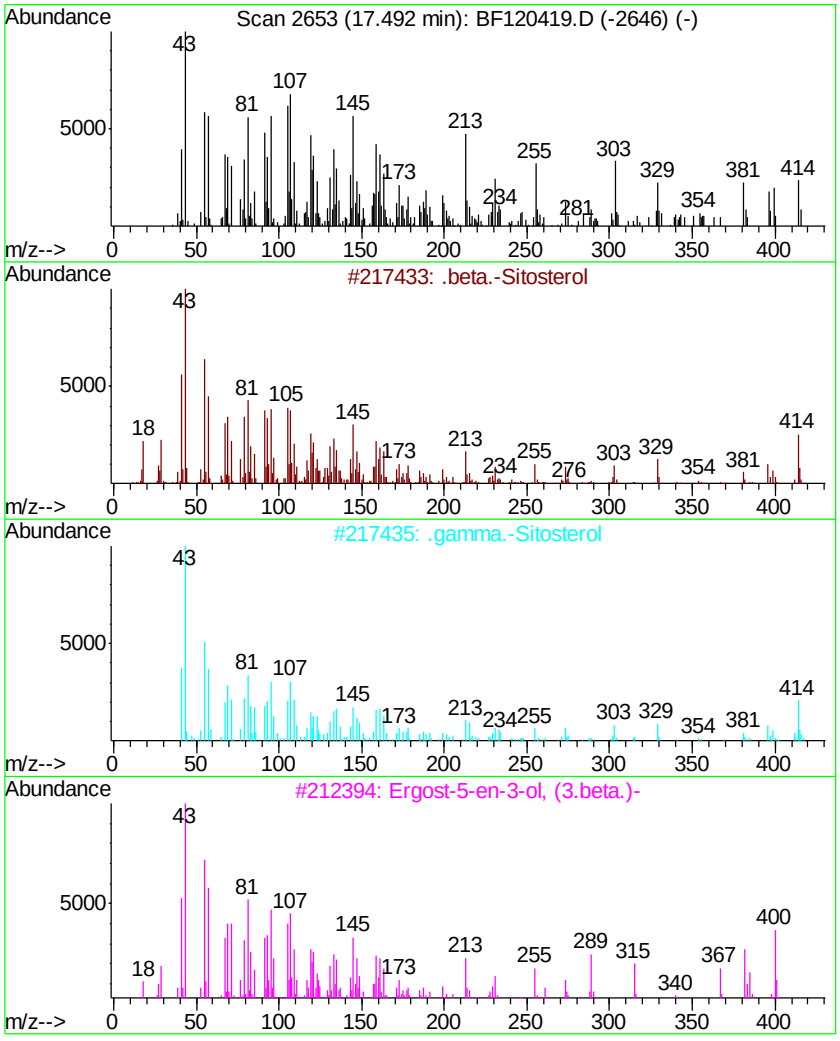
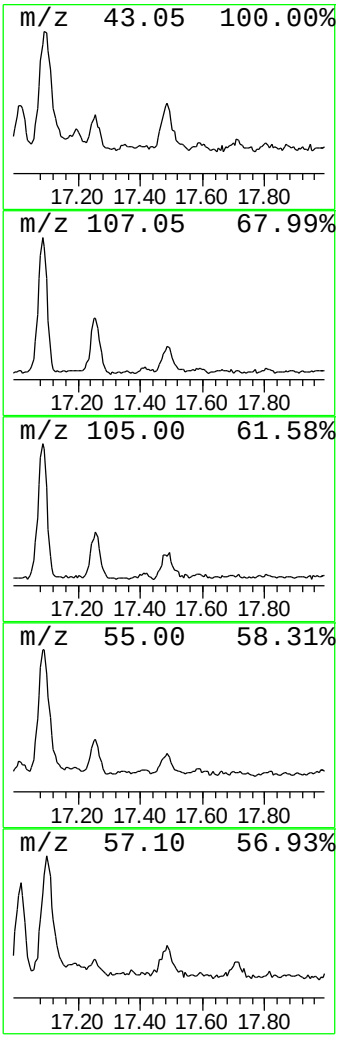
Peak Number 20 .beta.-Sitosterol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	5.34 ng	387684	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	90
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	60
3	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	46
4	Campesterol	400	C28H48O	000474-62-4	43
5	Stigmastan-3-en-6-ol	414	C29H50O	1000214-19-7	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120419.D
Acq On : 28 May 2020 20:28
Operator : MA/SJ
Sample : L2746-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM56-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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
Methylene chloride	1.96	20.8	ng	1500410	1	6.84	1445990	20.0
Butane, 2-methoxy...	2.08	18.6	ng	1341670	1	6.84	1445990	20.0
Ethanol, 2-(2-eth...	6.66	5.0	ng	361228	1	6.84	1445990	20.0
cis-9-Hexadecenoi...	11.82	4.1	ng	380446	4	11.36	1869570	20.0
Palmitoleic acid	11.85	4.6	ng	426879	4	11.36	1869570	20.0
n-Hexadecanoic acid	11.89	9.5	ng	887385	4	11.36	1869570	20.0
5-Eicosene, (E)-	13.84	5.7	ng	750713	5	13.99	2616040	20.0
1-Hexadecene, 16-...	14.47	3.2	ng	422883	5	13.99	2616040	20.0
17-Octadecenal	14.92	4.2	ng	305016	6	15.45	1451900	20.0
Heneicosane	15.12	4.9	ng	353867	6	15.45	1451900	20.0
1-Heneicosanol	15.13	10.6	ng	767412	6	15.45	1451900	20.0
Benzo[e]pyrene	15.32	6.9	ng	499948	6	15.45	1451900	20.0
Oxirane, hexadecyl-	15.69	3.5	ng	254982	6	15.45	1451900	20.0
Pentadecane, 8-he...	15.93	9.9	ng	716519	6	15.45	1451900	20.0
Cyclotetracosane	15.97	8.1	ng	587255	6	15.45	1451900	20.0
Bicyclo[10.8.0]ei...	16.72	4.9	ng	355819	6	15.45	1451900	20.0
1,2,4,8-Tetrameth...	17.09	41.7	ng	3028940	6	15.45	1451900	20.0
unknown17.26	17.26	11.9	ng	864014	6	15.45	1451900	20.0
.beta.-Sitosterol	17.49	5.3	ng	387684	6	15.45	1451900	20.0