LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-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	1.952	9	11	18	rBV	537287	613321	16.00%	1.477%
2	2.081	28	33	46	rVB	866645	1083583	28.27%	2.609%
3	5.128	536	551	555	rBV2	33044	102144	2.66%	0.246%
4	5.457	602	607	610	rBV	2038318	2075407	54.14%	4.998%
5	6.469	775	779	790	rVB	2091185	2264834	59.08%	5.454%
6	6.834	837	841	844	rBV	1107568	857105	22.36%	2.064%
7	6.992	863	868	871	rBV	2397656	2111776	55.09%	5.085%
8	7.398	931	937	940	rBV	1658663	1669528	43.55%	4.020%
9	8.116	1055	1059	1062	rBV	1666447	1338002	34.90%	3.222%
10	9.192	1237	1242	1245	rBV	4341199	3833361	100.00%	9.231%
11	9.580	1304	1308	1313	rVB	540339	513197	13.39%	1.236%
12	9.869	1350	1357	1361	rBV	1822594	1691158	44.12%	4.072%
13	9.904	1361	1363	1368	rVB2	43688	44067	1.15%	0.106%
14	10.069	1388	1391	1396	rBV2	44791	47373	1.24%	0.114%
15	10.198	1408	1413	1418	rVB3	36592	43467	1.13%	0.105%
16	10.657	1487	1491	1495	rBV	2032885	1907067	49.75%	4.592%
17	11.022	1547	1553	1561	rVB4	156344	233130	6.08%	0.561%
18	11.304	1596	1601	1605	rBV	186194	185163	4.83%	0.446%
19	11.357	1605	1610	1612	rVV	1682392	1512042	39.44%	3.641%
20	11.380	1612	1614	1617	rVB	406446	311532	8.13%	0.750%
21	11.427	1620	1622	1625	rVB	76665	63025	1.64%	0.152%
22	11.574	1643	1647	1655	rBV2	112521	138096	3.60%	0.333%
23	11.745	1672	1676	1683	rVB5	33876	64197	1.67%	0.155%
24	11.827	1683	1690	1693	rBV	1092231	1408246	36.74%	3.391%
25	11.857	1693	1695	1698	rVV	610504	568454	14.83%	1.369%
26	11.892	1698	1701	1711	rVB3	925932	1002206	26.14%	2.413%
27	11.969	1711	1714	1716	rBV	88257	81121	2.12%	0.195%
28	12.063	1727	1730	1737	rVV2	137582	142595	3.72%	0.343%
29	12.151	1740	1745	1747	rBV2	52823	76042	1.98%	0.183%
30	12.174	1747	1749	1753	rVB2	74246	62213	1.62%	0.150%
31	12.410	1786	1789	1792	rBV	51028	51269	1.34%	0.123%
32	12.445	1792	1795	1797	rVV3	41275	43269	1.13%	0.104%
33	12.486	1798	1802	1805	rVV2	216459	213503	5.57%	0.514%
34	12.551	1809	1813	1815	rVV	1135164	1079220	28.15%	2.599%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-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	12.569	1815	1816	1819	rVV	767729	460313	12.01%	1.108%
36	12.610	1819	1823	1826	rVV2	90701	115361	3.01%	0.278%
37	12.669	1830	1833	1836	rBV2	88775	81720	2.13%	0.197%
38	12.798	1849	1855	1858	rBV	688225	652423	17.02%	1.571%
39	12.945	1876	1880	1883	rBV	3244421	2984206	77.85%	7.186%
40	13.016	1887	1892	1895	rBV2	55237	88580	2.31%	0.213%
41	13.127	1908	1911	1914	rVB	101483	97389	2.54%	0.235%
42	13.163	1914	1917	1920	rBV3	95675	140014	3.65%	0.337%
43	13.192	1920	1922	1924	rVB	67840	49376	1.29%	0.119%
44	13.227	1924	1928	1931	rBV2	77842	92244	2.41%	0.222%
45	13.351	1947	1949	1953	rVB	51393	48541	1.27%	0.117%
46	13.392	1953	1956	1959	rBV3	119517	120137	3.13%	0.289%
47	13.515	1974	1977	1982	rVB	50825	49279	1.29%	0.119%
48	13.633	1994	1997	2001	rVB	89425	87018	2.27%	0.210%
49	13.798	2023	2025	2029	rBV2	38368	44184	1.15%	0.106%
50	13.845	2029	2033	2039	rVB2	547768	654057	17.06%	1.575%
51	13.998	2052	2059	2061	rBV3	1077503	1351240	35.25%	3.254%
52	14.021	2061	2063	2069	rVB	304639	261977	6.83%	0.631%
53	14.104	2075	2077	2079	rBV	48657	42547	1.11%	0.102%
54	14.163	2084	2087	2092	rVV4	72357	91471	2.39%	0.220%
55	14.280	2105	2107	2110	rVB2	83261	64011	1.67%	0.154%
56	14.380	2122	2124	2128	rVB	59578	48277	1.26%	0.116%
57	14.480	2136	2141	2147	rBV3	173238	367653	9.59%	0.885%
58	14.768	2188	2190	2193	rVB	94605	83621	2.18%	0.201%
59	14.915	2212	2215	2218	rBV	164770	164860	4.30%	0.397%
60	15.027	2230	2234	2237	rBV	316536	448379	11.70%	1.080%
61	15.104	2244	2247	2250	rBV	475189	530235	13.83%	1.277%
62	15.139	2250	2253	2259	rVB	284551	393467	10.26%	0.947%
63	15.327	2282	2285	2291	rVB	190484	231539	6.04%	0.558%
64	15.386	2292	2295	2301	rVB	251514	286696	7.48%	0.690%
65	15.451	2302	2306	2310	rBV	769657	1050354	27.40%	2.529%
66	15.480	2310	2311	2318	rVB2	201503	195124	5.09%	0.470%
67	15.680	2342	2345	2349	rVB3	149282	190720	4.98%	0.459%
68	15.921	2380	2386	2391	rVB	1081210	1656045	43.20%	3.988%
69	15.980	2391	2396	2403	rBV2	266182	557157	14.53%	1.342%
70	16.704	2515	2519	2530	rVB4	162092	316307	8.25%	0.762%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM1-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

Sum of corrected areas: 41527235

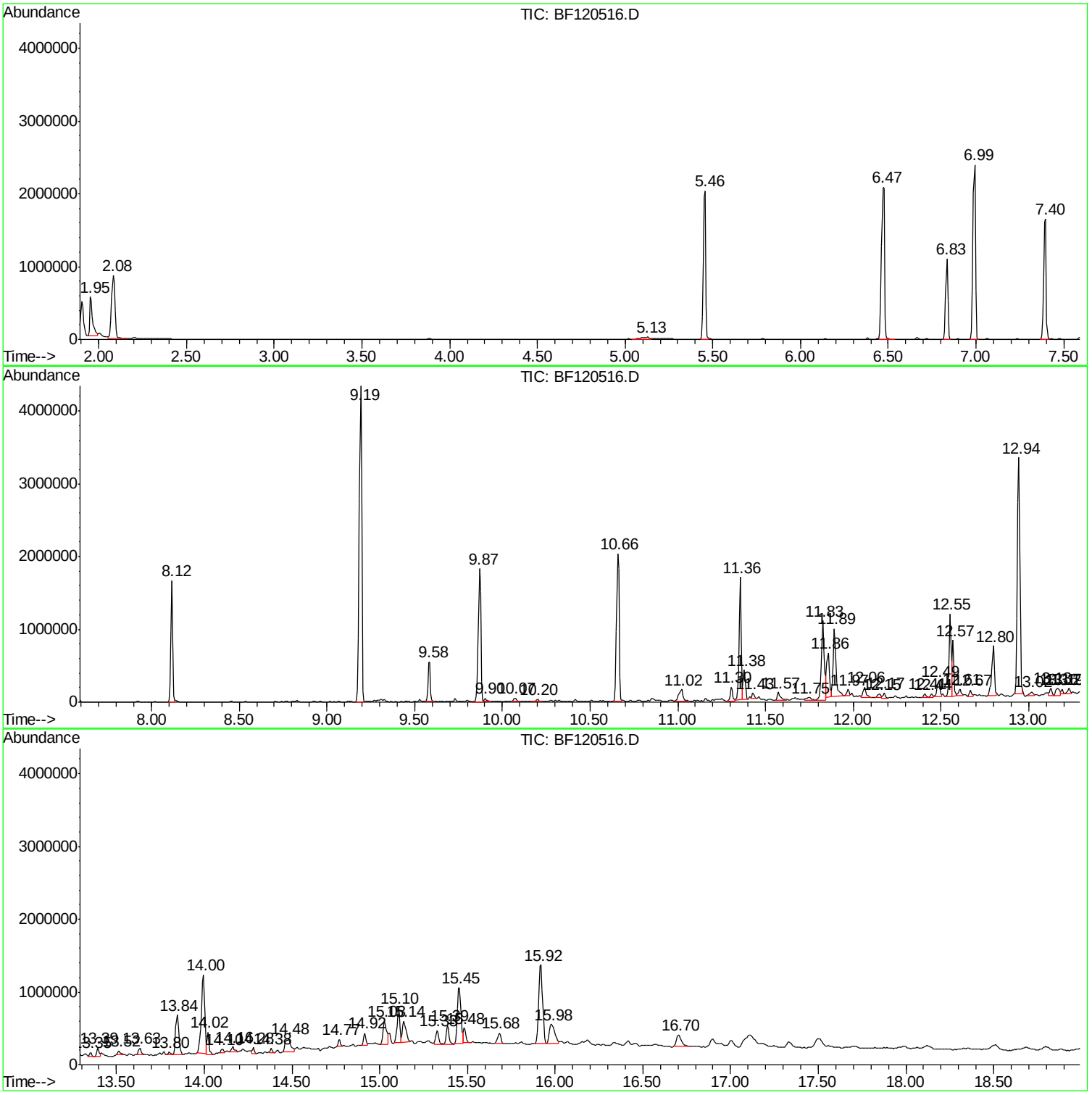
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-COMP-2020-0-6

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

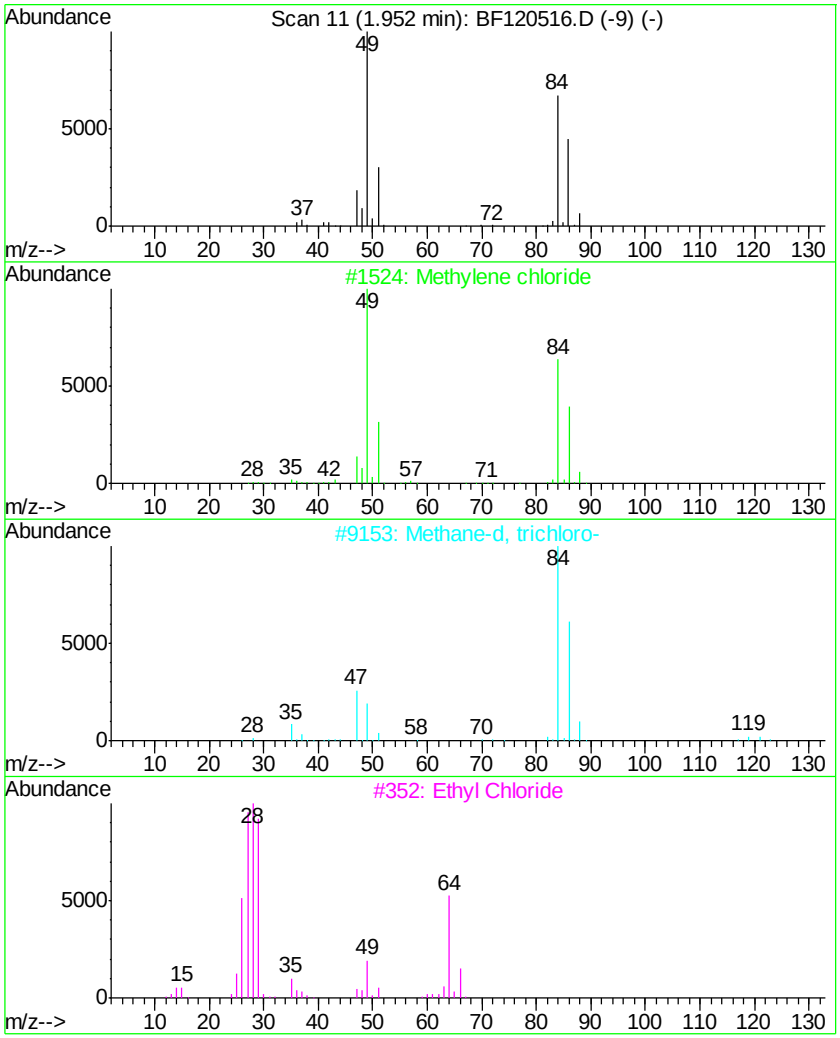
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

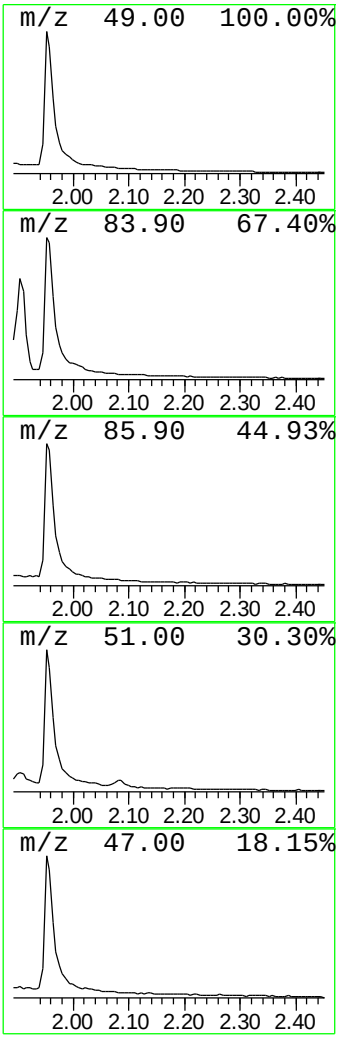
****

Peak Number 1 Methylene chloride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	14.31 ng	613321	1,4-Dichlorobenzene-d4	6.83

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	10
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\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-COMP-2020-0-6

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

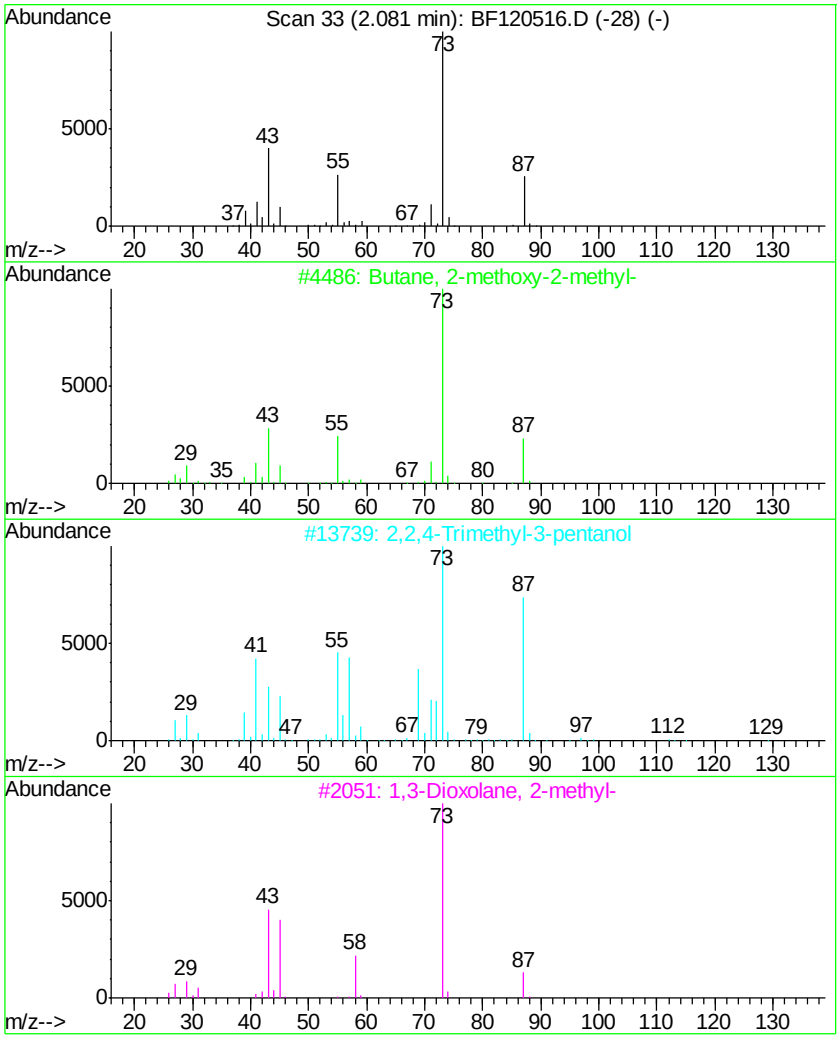
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

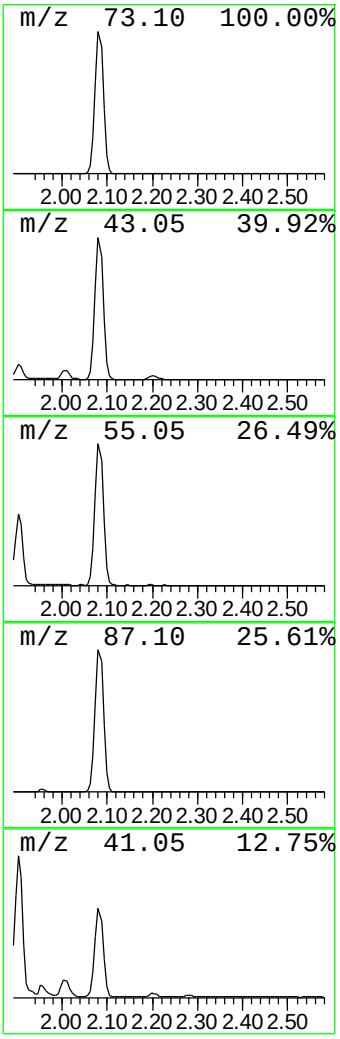
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.08	25.28 ng	1083580	1,4-Dichlorobenzene-d4	6.83

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-COMP-2020-0-6

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

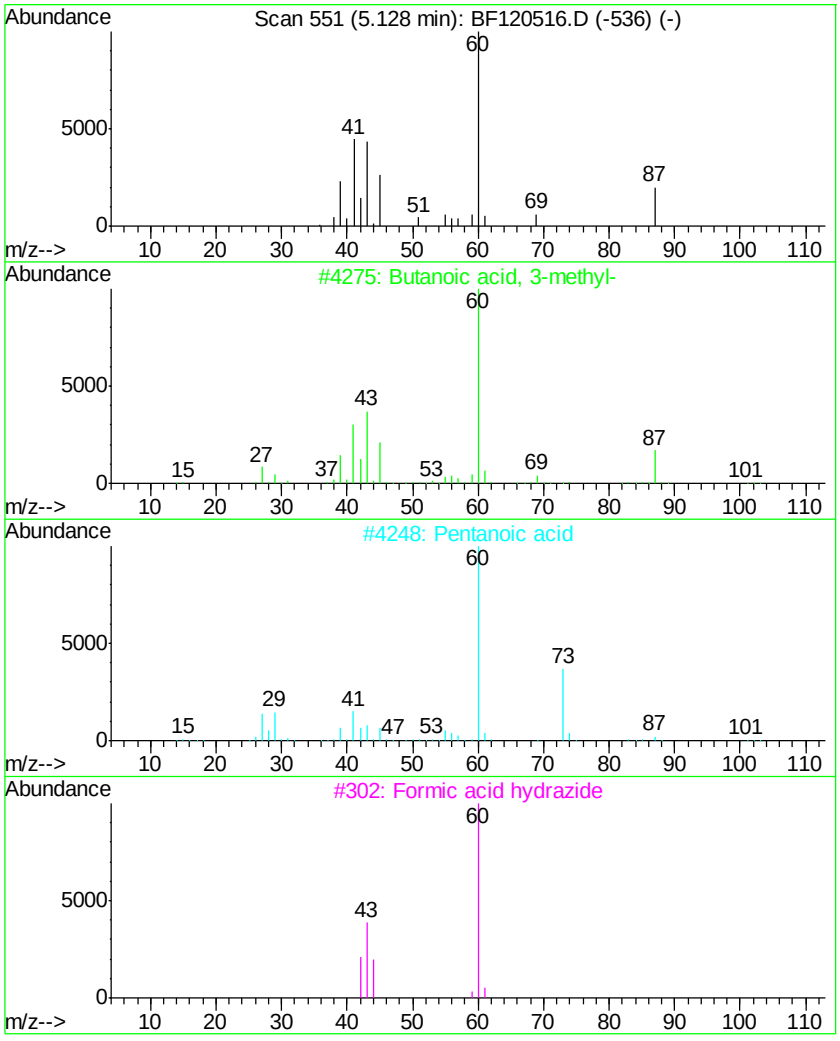
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

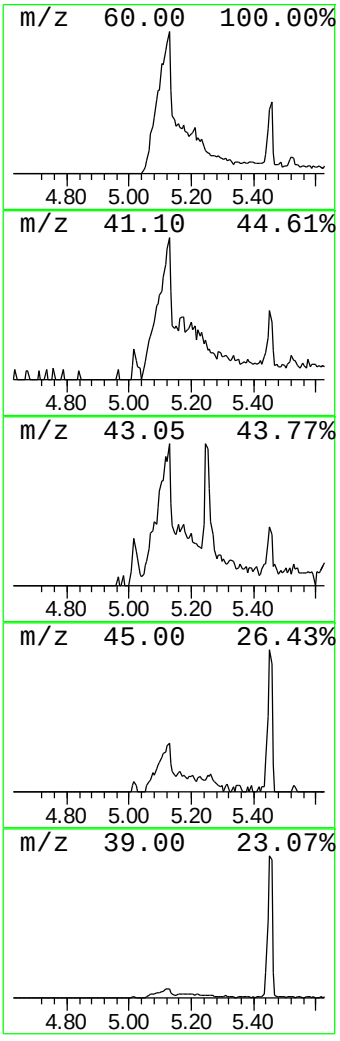
****

Peak Number 3 Butanoic acid, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	2.38 ng	102144	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	83
2	Pentanoic acid	102	C5H10O2	000109-52-4	36
3	Formic acid hydrazide	60	CH4N2O	000624-84-0	9
4	Hexanoic acid	116	C6H12O2	000142-62-1	9
5	1-Pentanamine	87	C5H13N	000110-58-7	7





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-COMP-2020-0-6

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

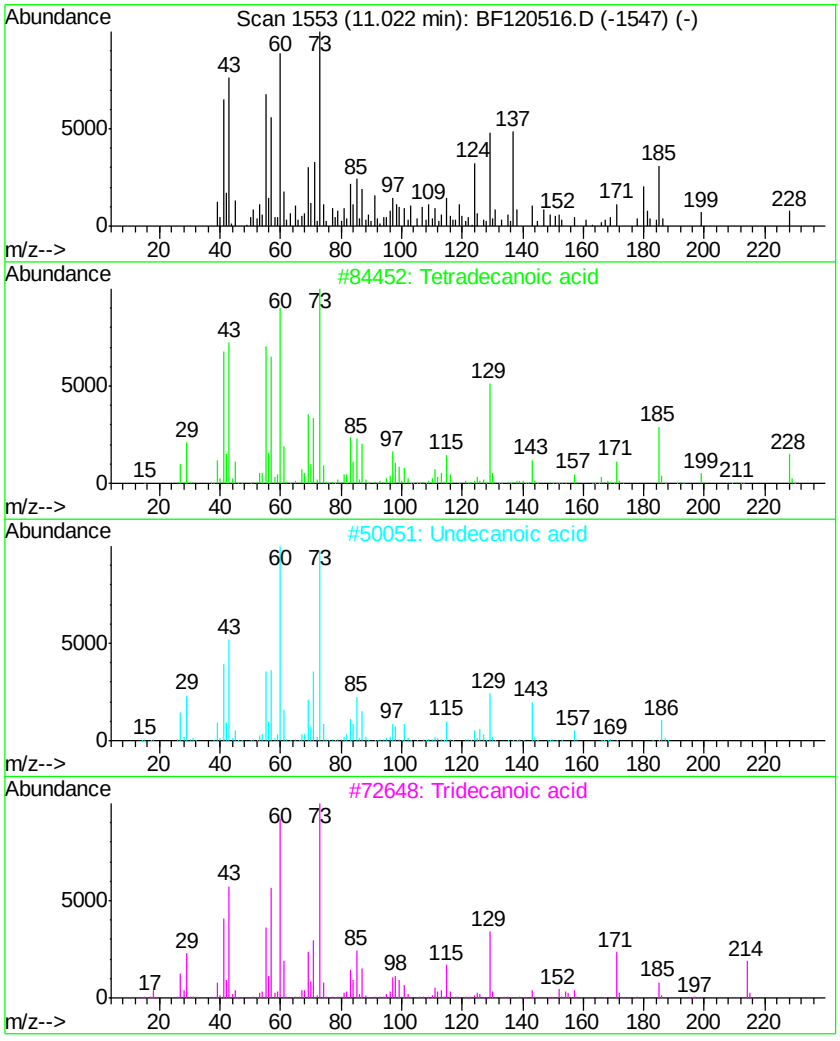
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

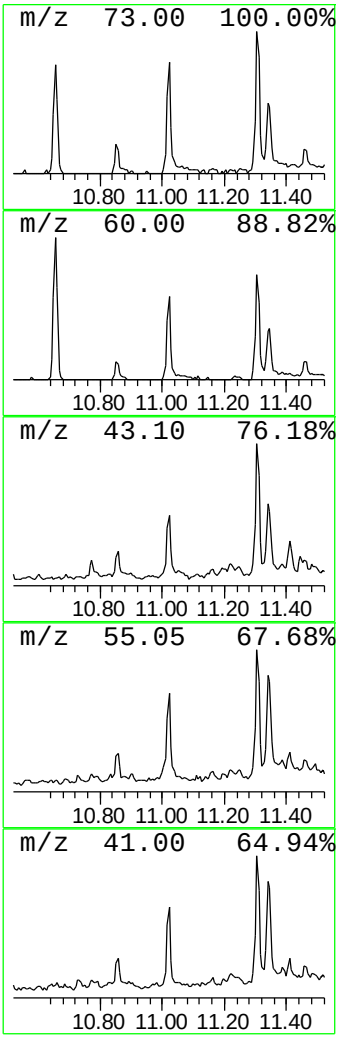
****

Peak Number 5 Tetradecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	3.08 ng	233130	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
2	Undecanoic acid	186	C11H22O2	000112-37-8	78
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-COMP-2020-0-6

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

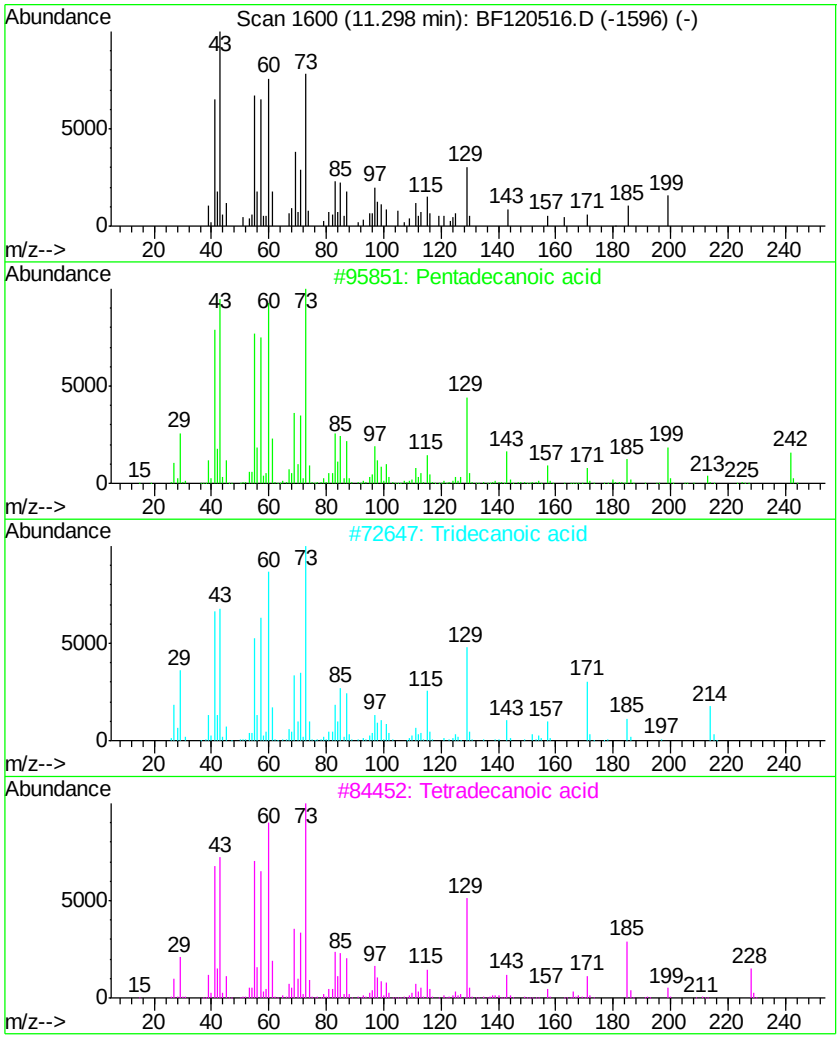
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

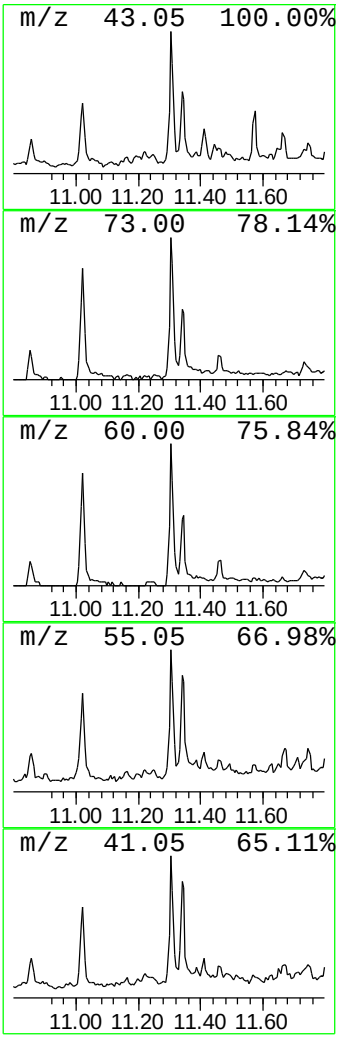
****

Peak Number 6 Pentadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	2.45 ng	185163	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
2	Tridecanoic acid	214	C13H26O2	000638-53-9	68
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Dodecanoic acid	200	C12H24O2	000143-07-7	52
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-COMP-2020-0-6

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

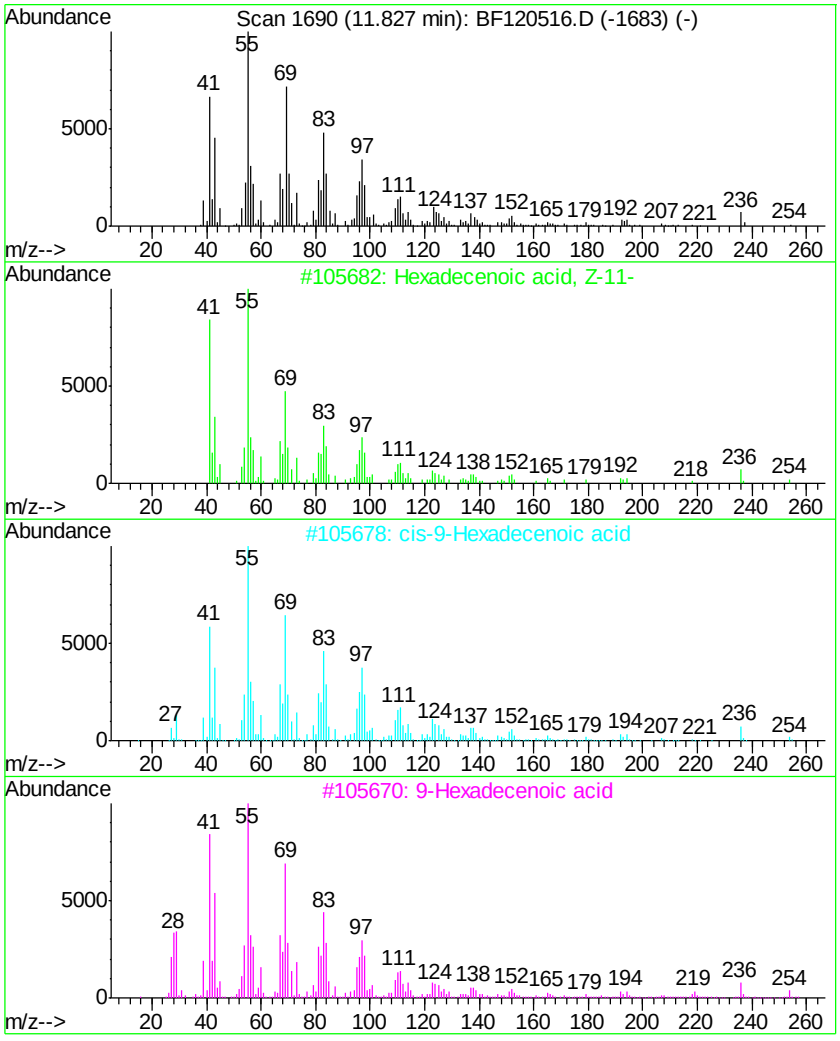
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

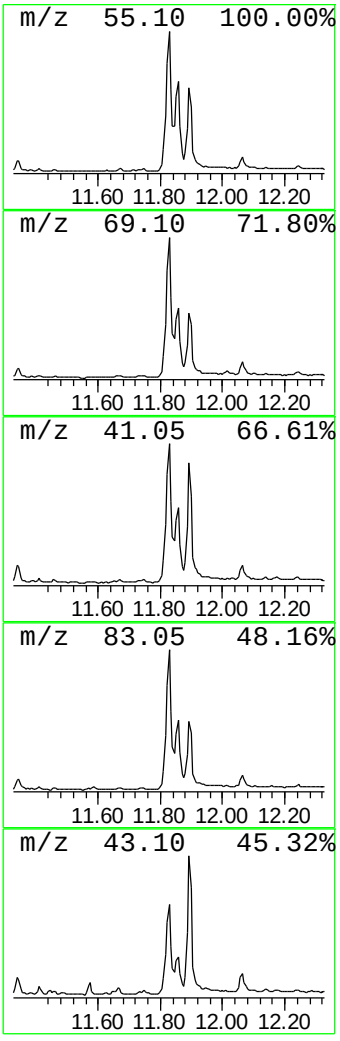
****

Peak Number 7 Hexadecenoic acid, Z-11- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	18.63 ng	1408250	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	98
2	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	94
3	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	93
4	Palmitoleic acid	254	C16H30O2	000373-49-9	93
5	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-COMP-2020-0-6

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

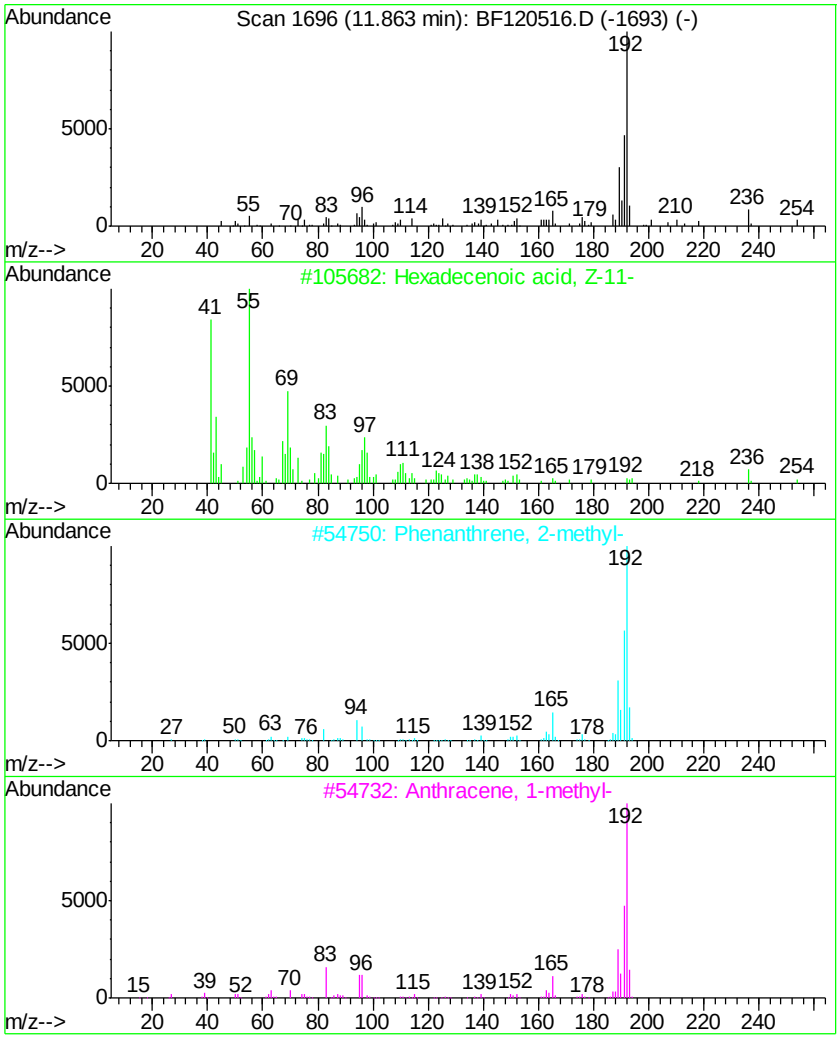
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

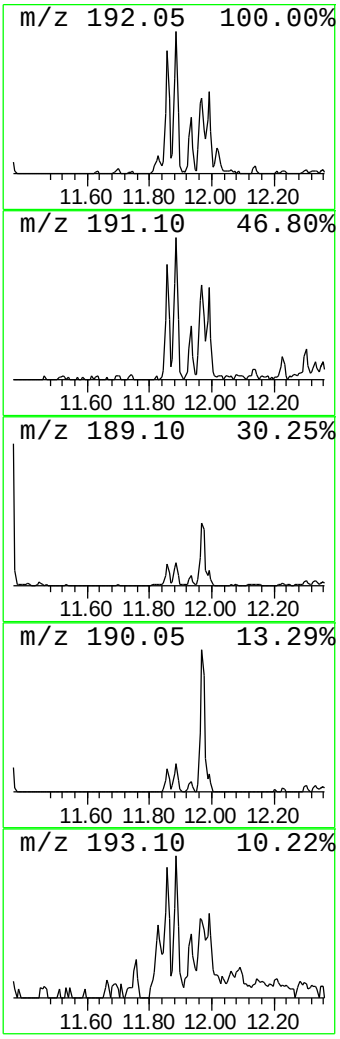
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	7.52 ng	568454	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
4	Palmitoleic acid	254	C16H30O2	000373-49-9	78
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-COMP-2020-0-6

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

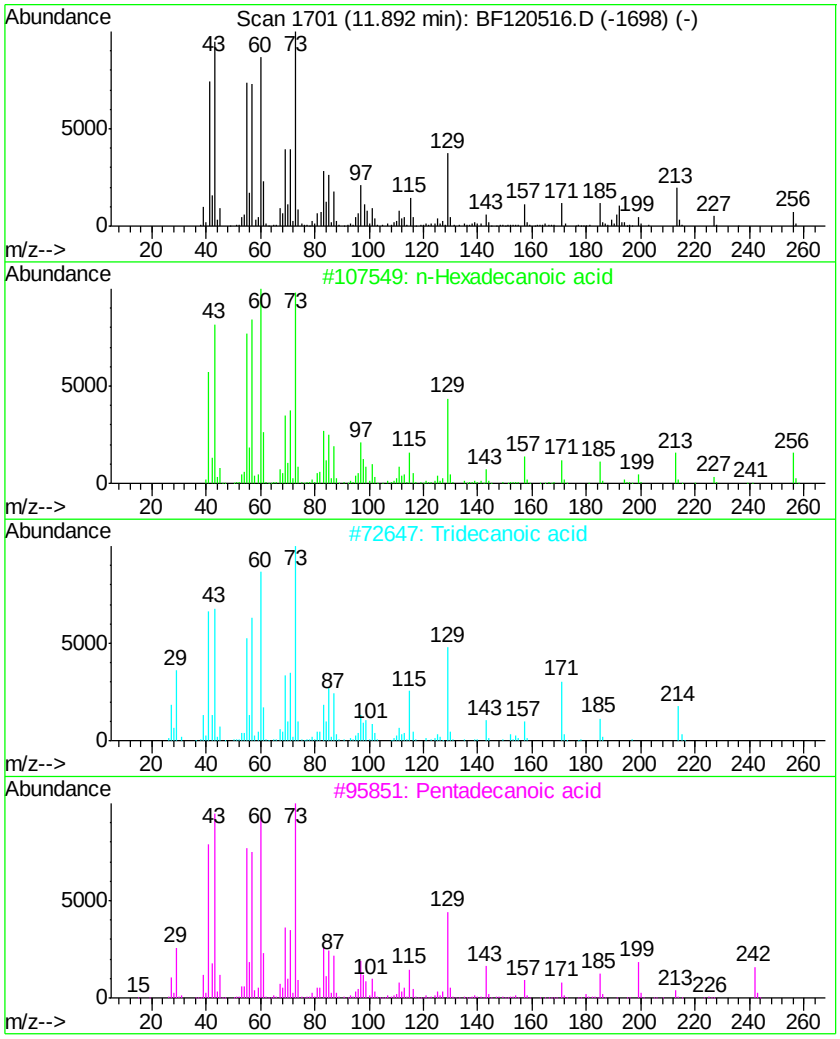
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

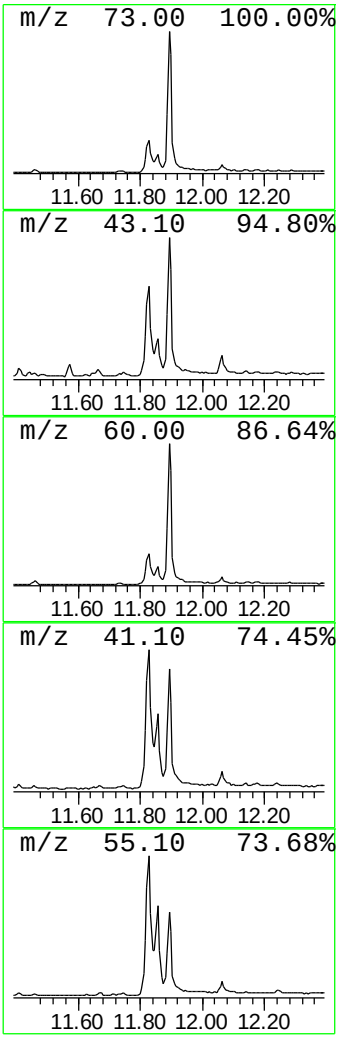
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	13.26 ng	1002210	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-COMP-2020-0-6

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

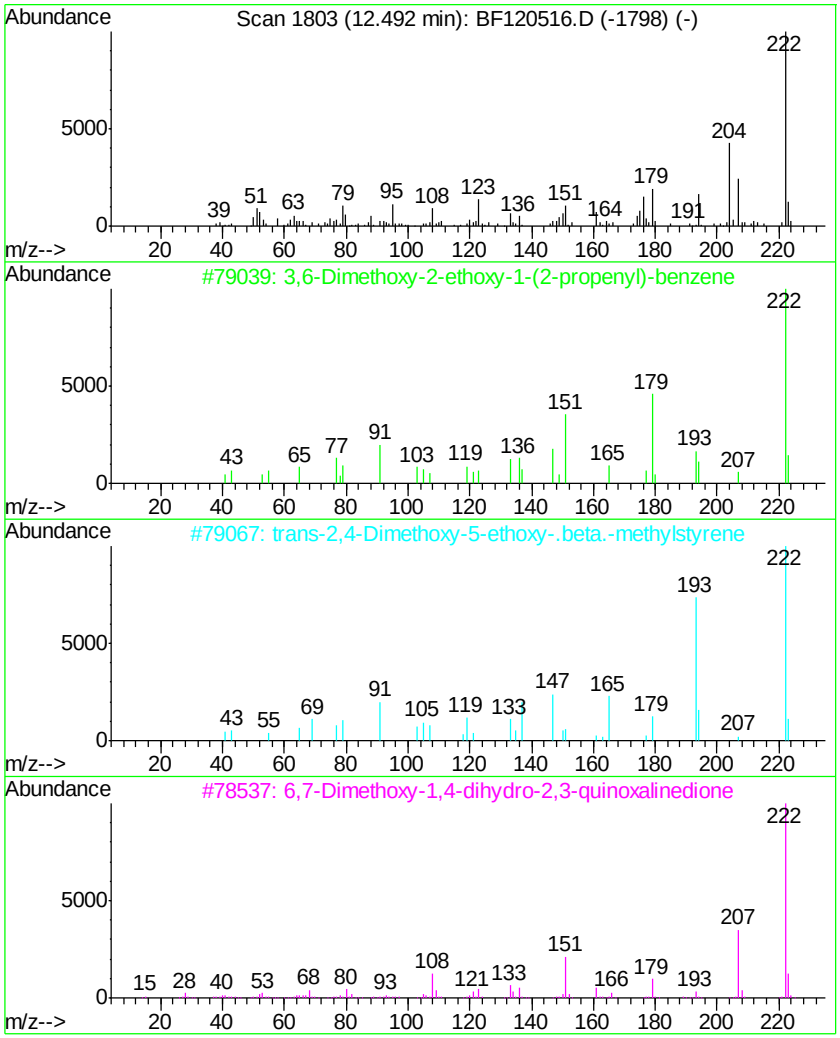
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

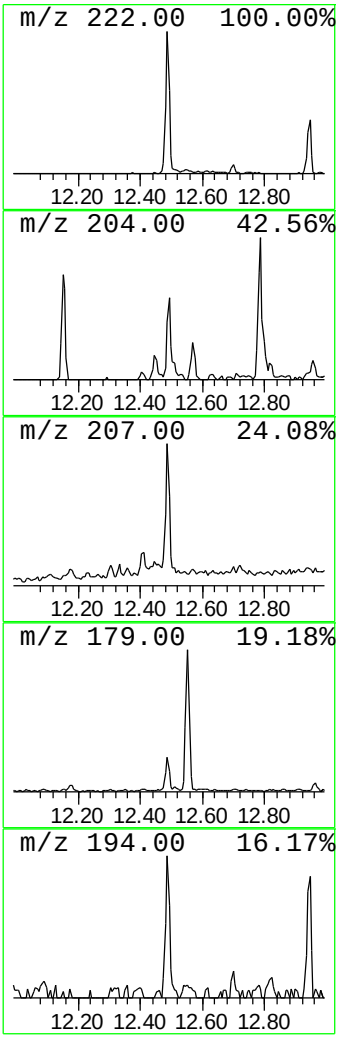
****

Peak Number 10 3,6-Dimethoxy-2-ethoxy-1-(2... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.82 ng	213503	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dimethoxy-2-ethoxy-1-(2-prop...	222	C13H18O3	1000122-71-6	53
2	trans-2,4-Dimethoxy-5-ethoxy-.be...	222	C13H18O3	1000122-80-1	53
3	6,7-Dimethoxy-1,4-dihydro-2,3-qu...	222	C10H10N2O4	004784-02-5	52
4	trans-2,5-Dimethoxy-4-ethoxy-.be...	222	C13H18O3	1000122-68-2	47
5	5,8-Dimethoxy-1,4-dihydro-2,3-qu...	222	C10H10N2O4	001790-90-5	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-COMP-2020-0-6

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

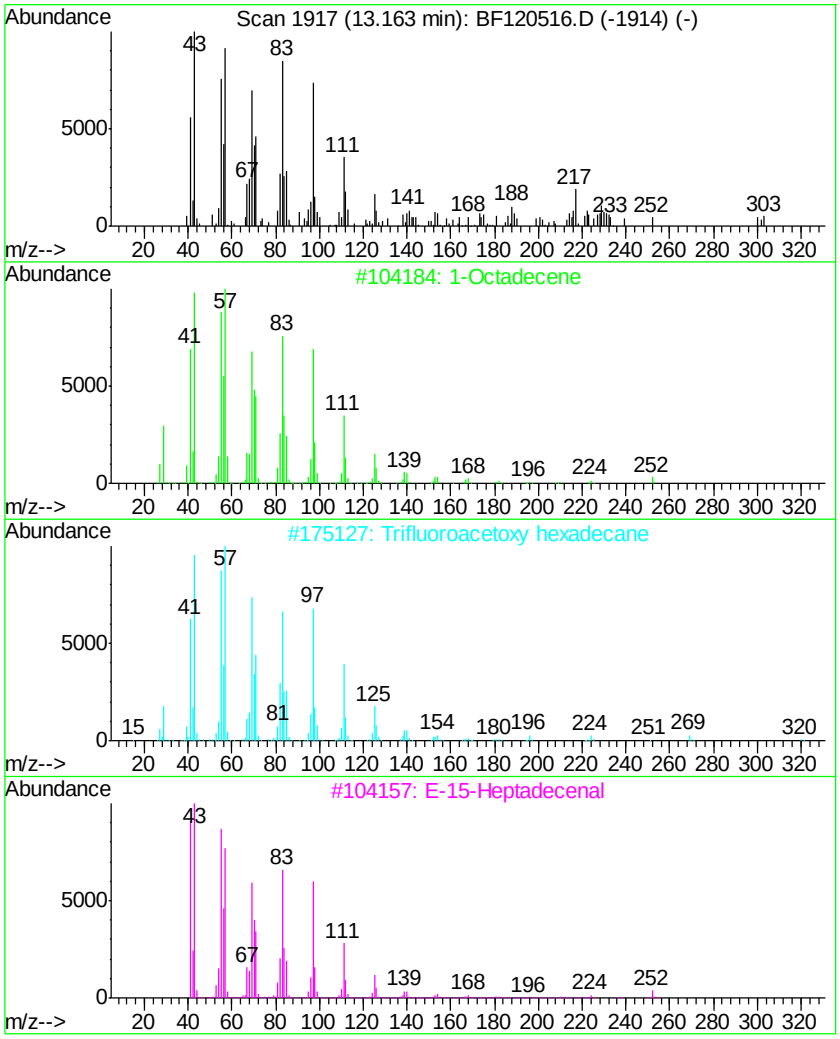
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

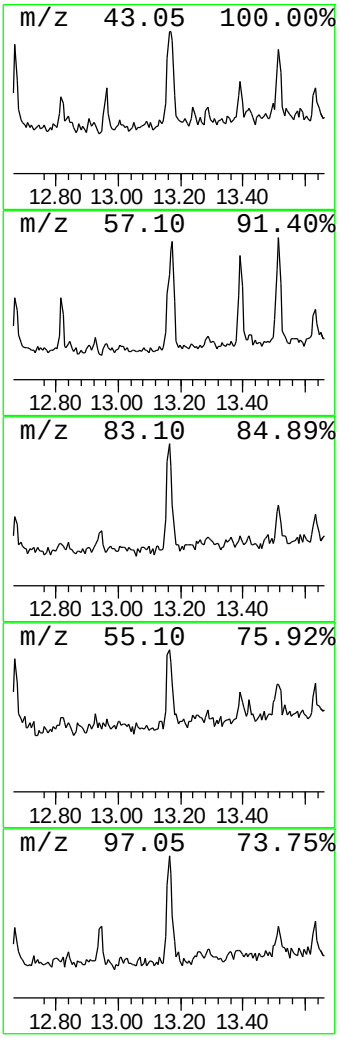
****

Peak Number 11 1-Octadecene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.07 ng	140014	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	93
4	E-7-Octadecene	252	C18H36	1000130-92-0	93
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-COMP-2020-0-6

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

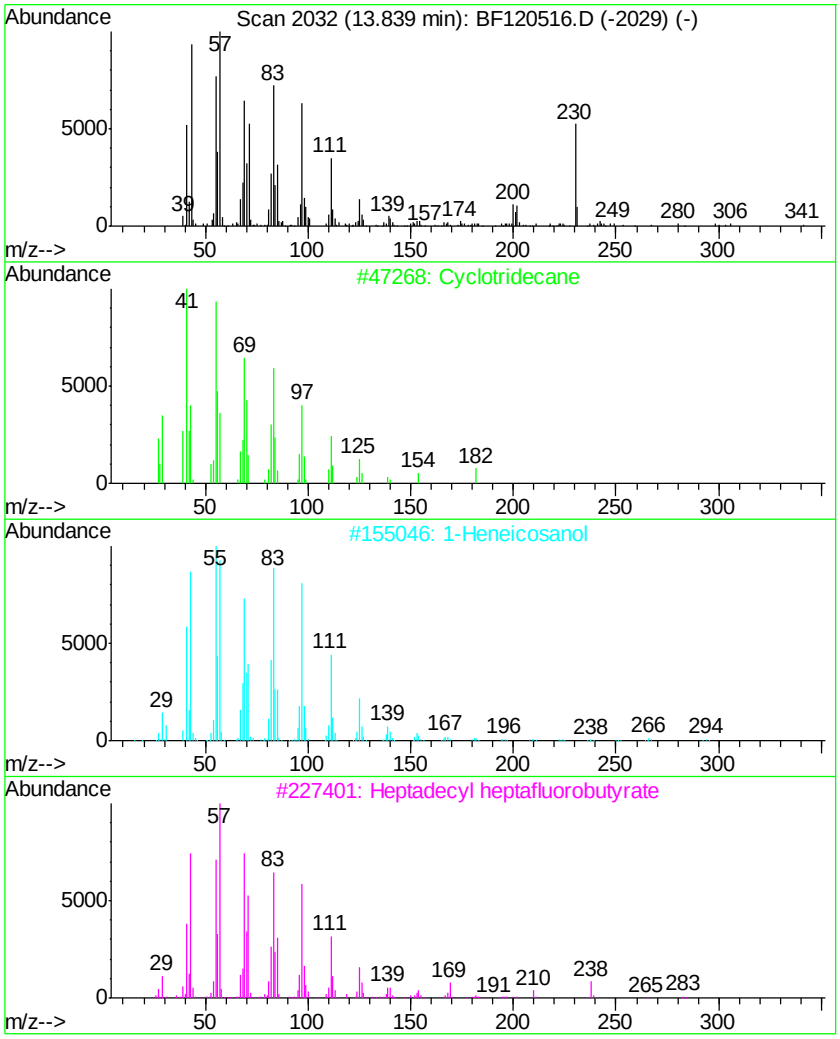
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

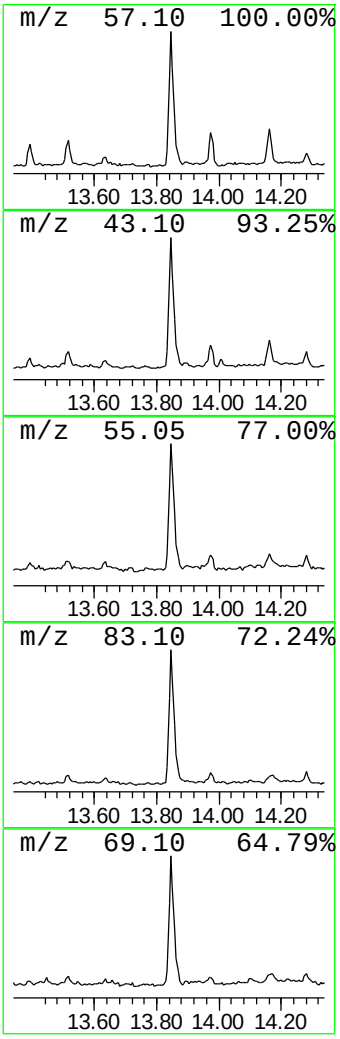
****

Peak Number 12 Cyclotridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	9.68 ng	654057	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotridecane	182	C13H26	000295-02-3	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-COMP-2020-0-6

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

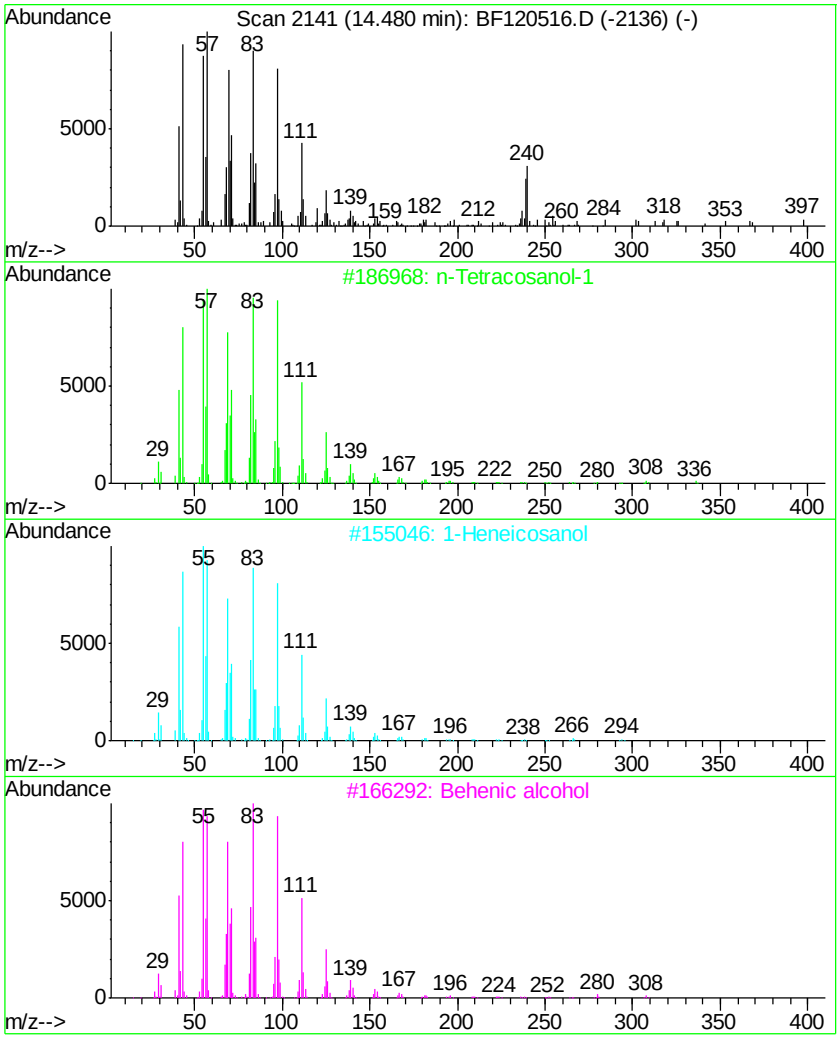
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

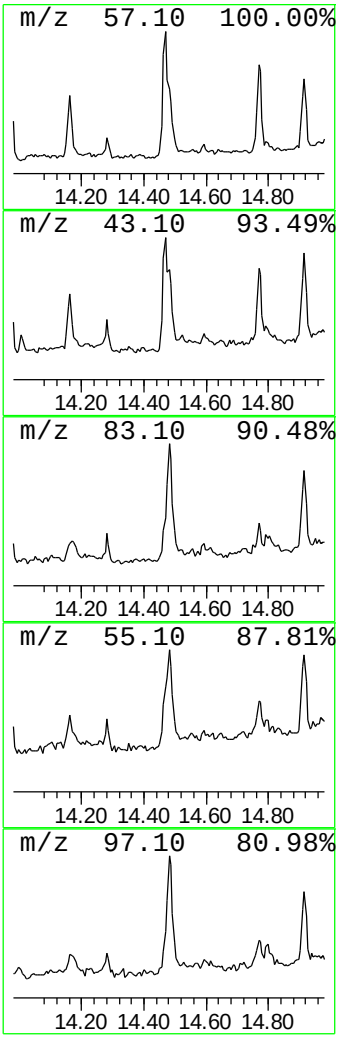
****

Peak Number 13 n-Tetracosanol-1 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	5.44 ng	367653	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	93
5	Octacosanol	410	C28H58O	000557-61-9	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-COMP-2020-0-6

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

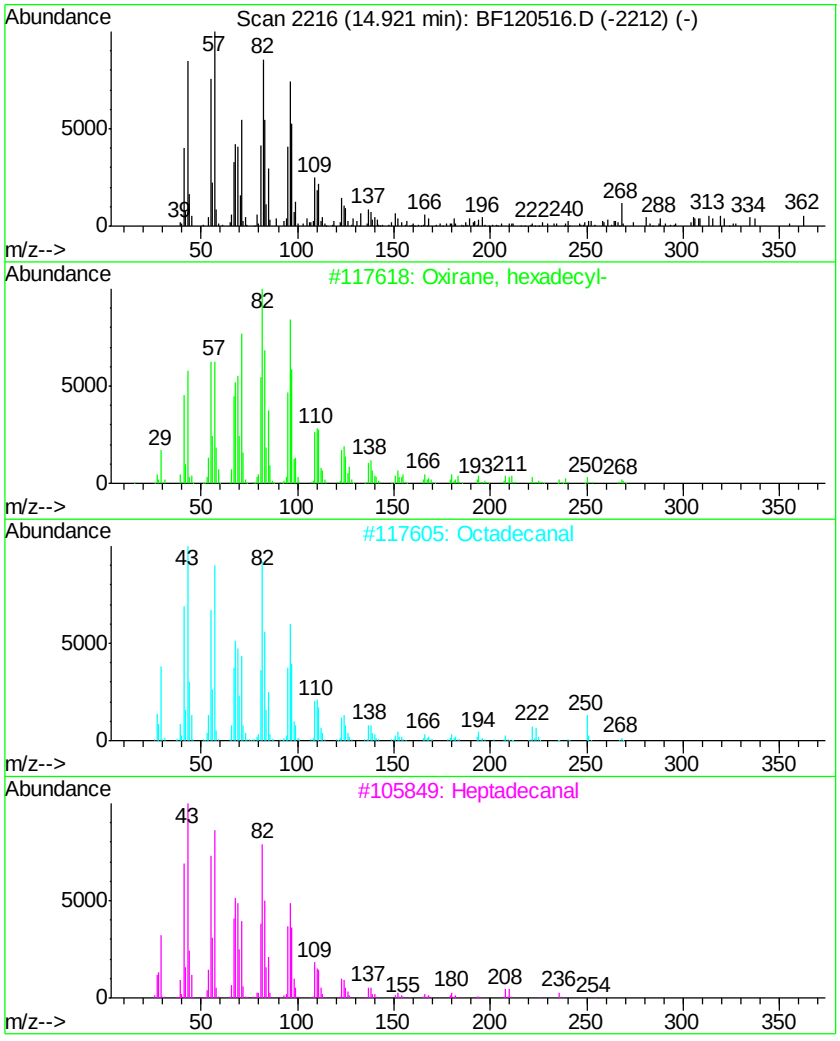
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

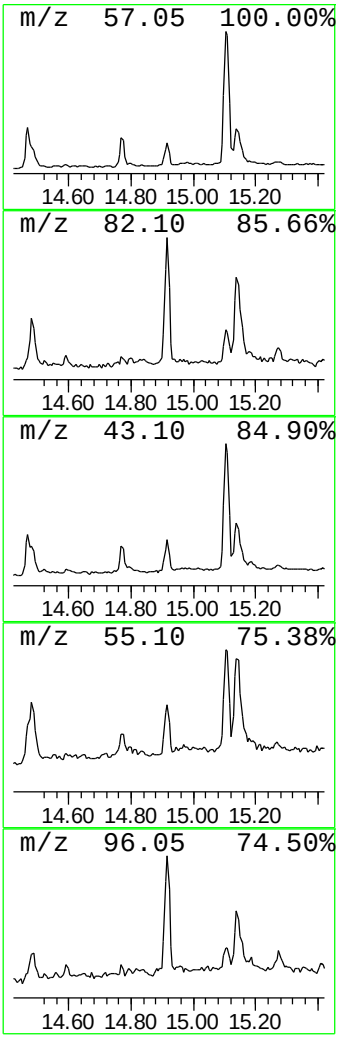
****

Peak Number 14 Oxirane, hexadecyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	3.14 ng	164860	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	99
2	Octadecanal	268	C18H36O	000638-66-4	96
3	Heptadecanal	254	C17H34O	1000376-70-0	94
4	16-Octadecenal	266	C18H34O	056554-87-1	90
5	17-Octadecenal	266	C18H34O	056554-86-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-COMP-2020-0-6

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

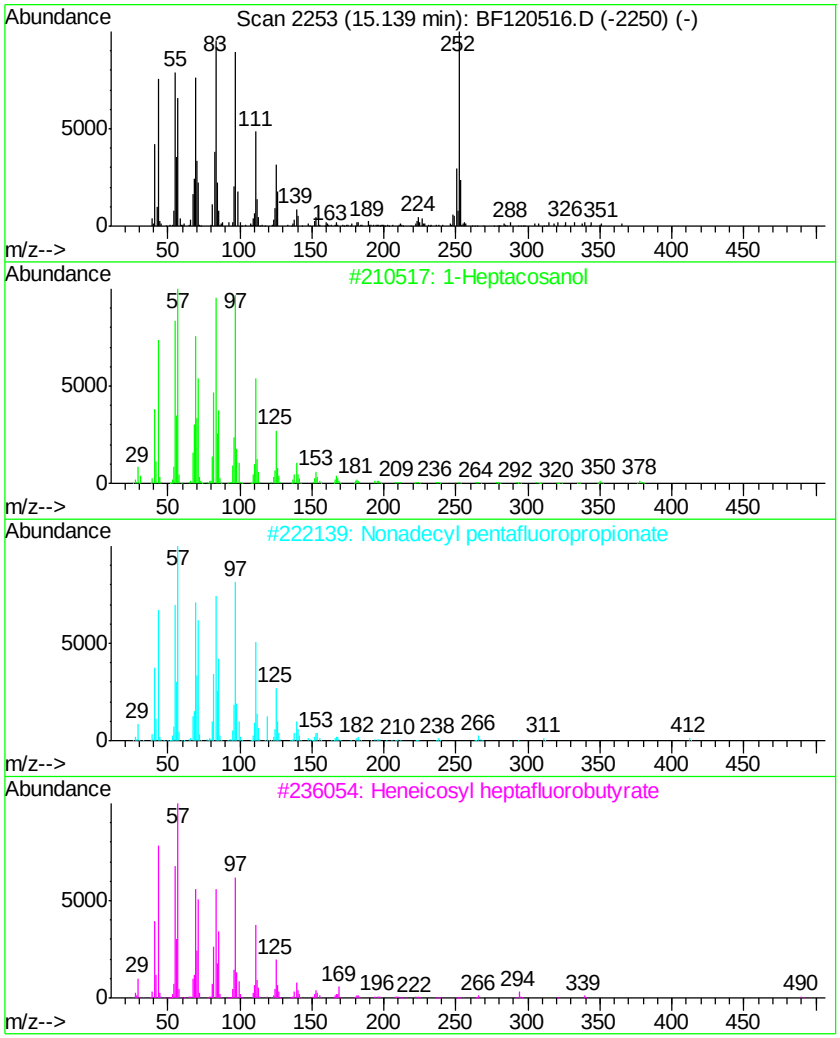
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

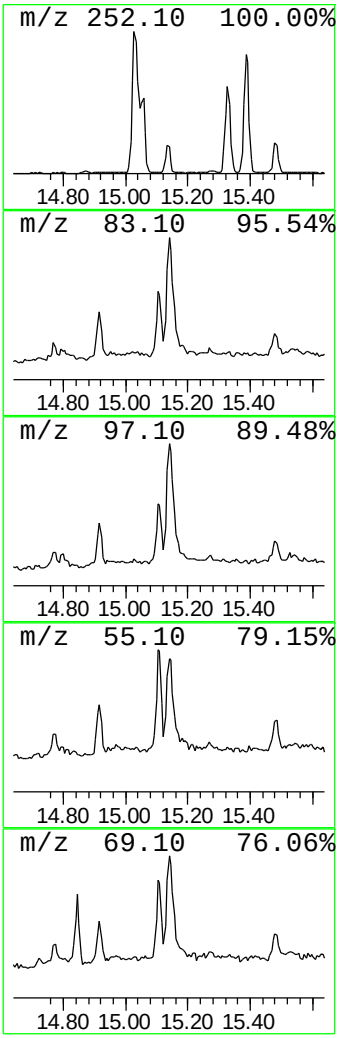
****

Peak Number 15 Nonadecyl pentafluoropropio... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	7.49 ng	393467	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	70
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	55
3	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	55
4	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	49
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	48





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-COMP-2020-0-6

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

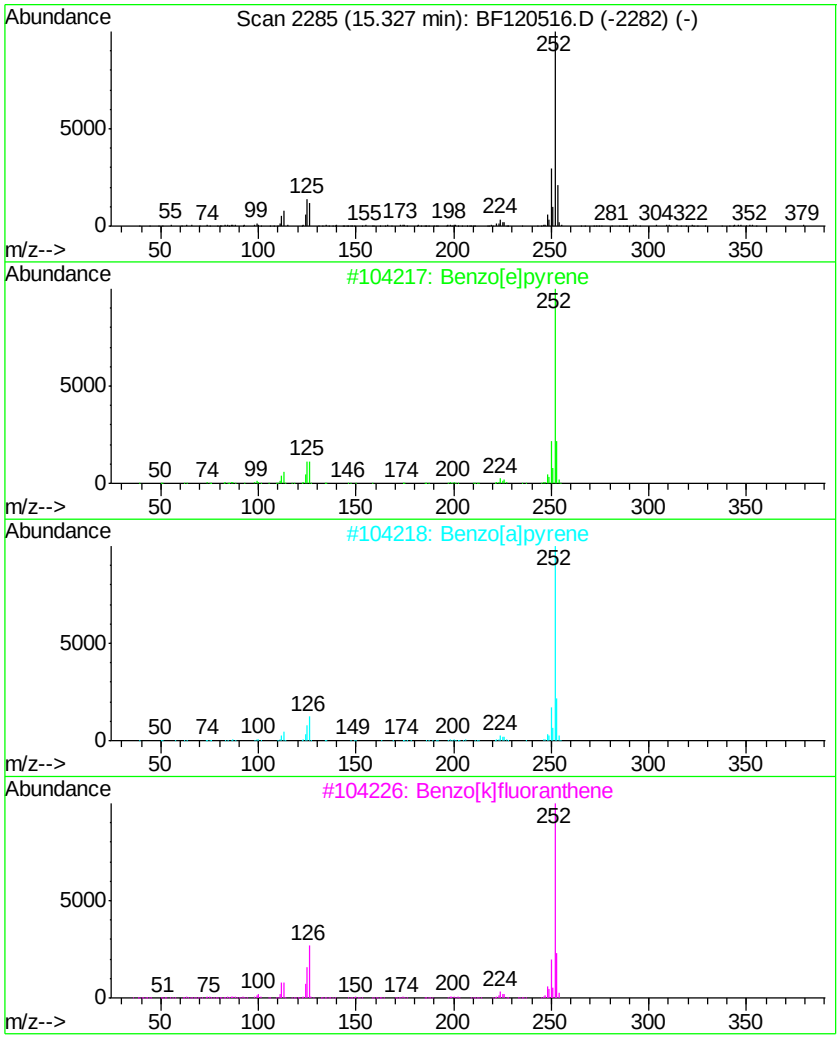
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

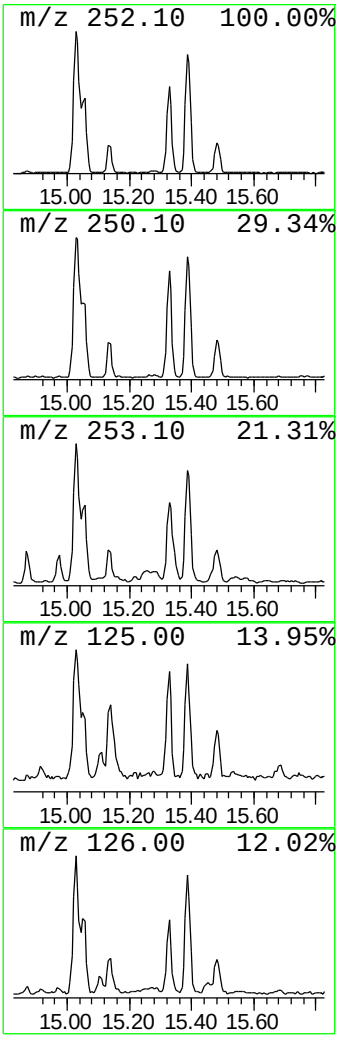
****

Peak Number 16 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	4.41 ng	231539	Perylene-d12	15.46

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	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Perylene	252	C20H12	000198-55-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-COMP-2020-0-6

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

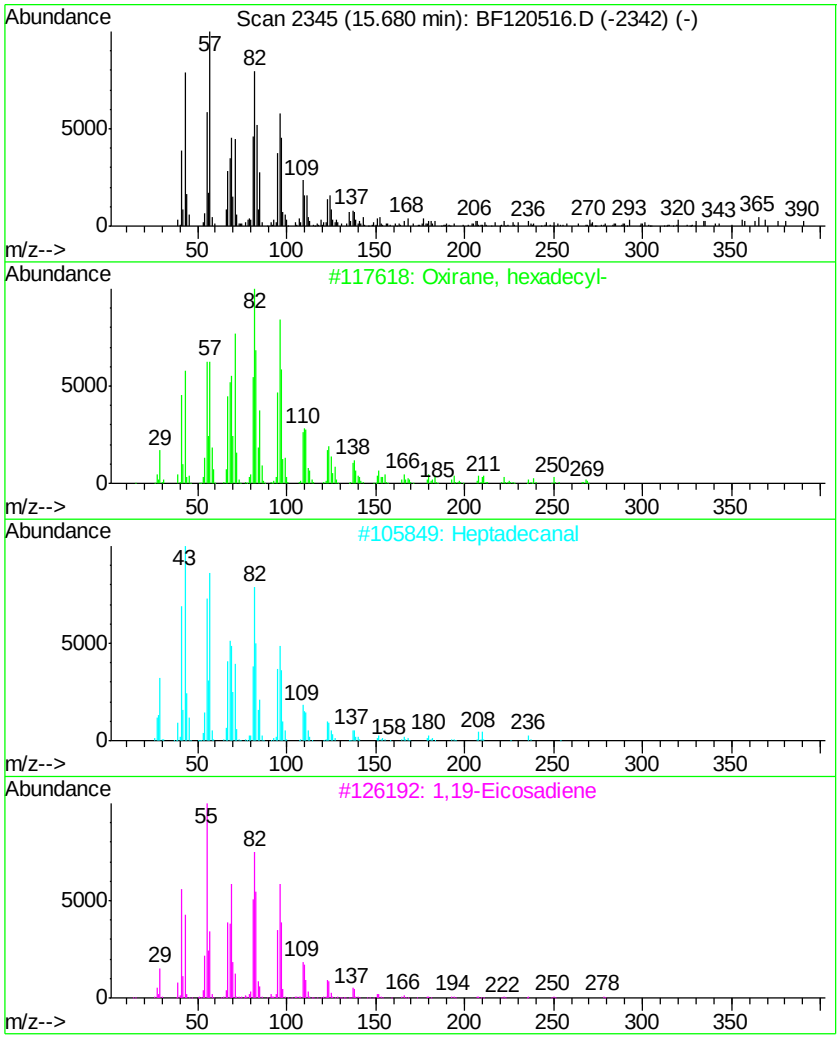
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

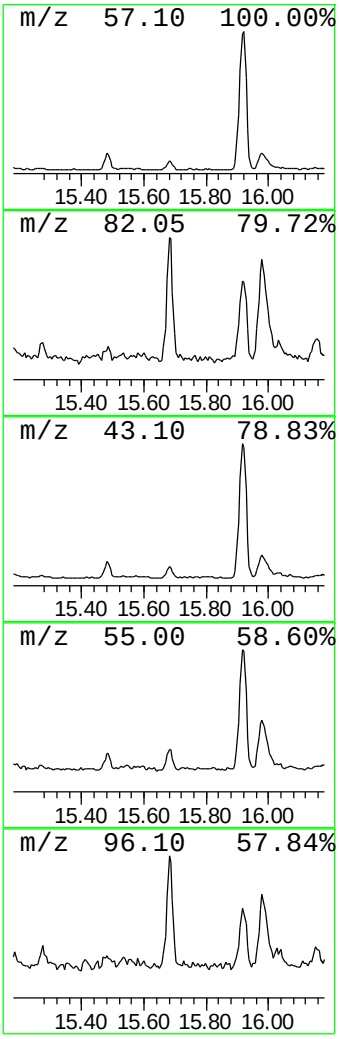
****

Peak Number 17 Heptadecanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	3.63 ng	190720	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Heptadecanal	254	C17H34O	1000376-70-0	91
3	1,19-Eicosadiene	278	C20H38	014811-95-1	90
4	Octadecanal	268	C18H36O	000638-66-4	89
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-COMP-2020-0-6

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

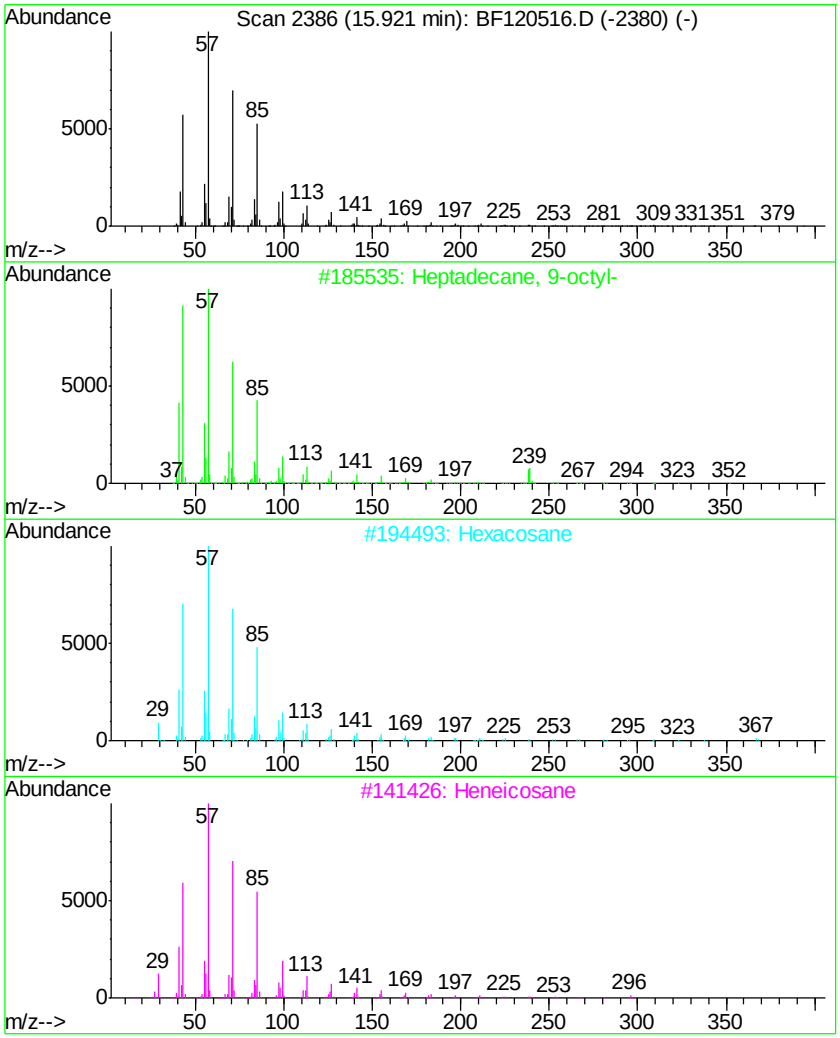
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

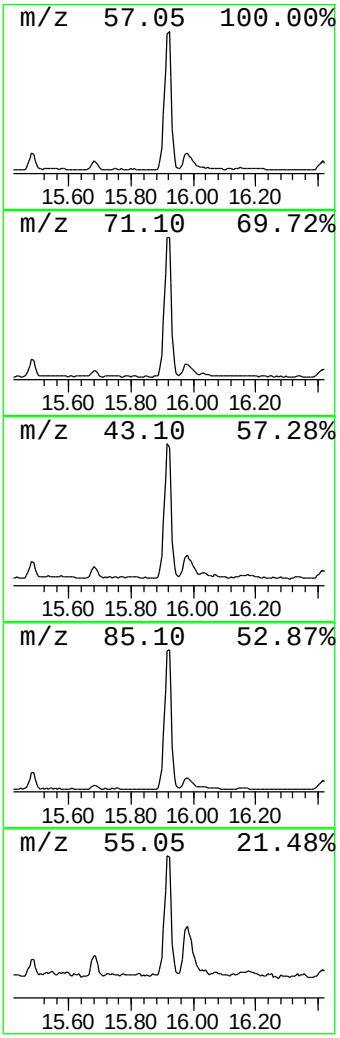
****

Peak Number 18 Heptadecane, 9-octyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	31.53 ng	1656050	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-COMP-2020-0-6

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

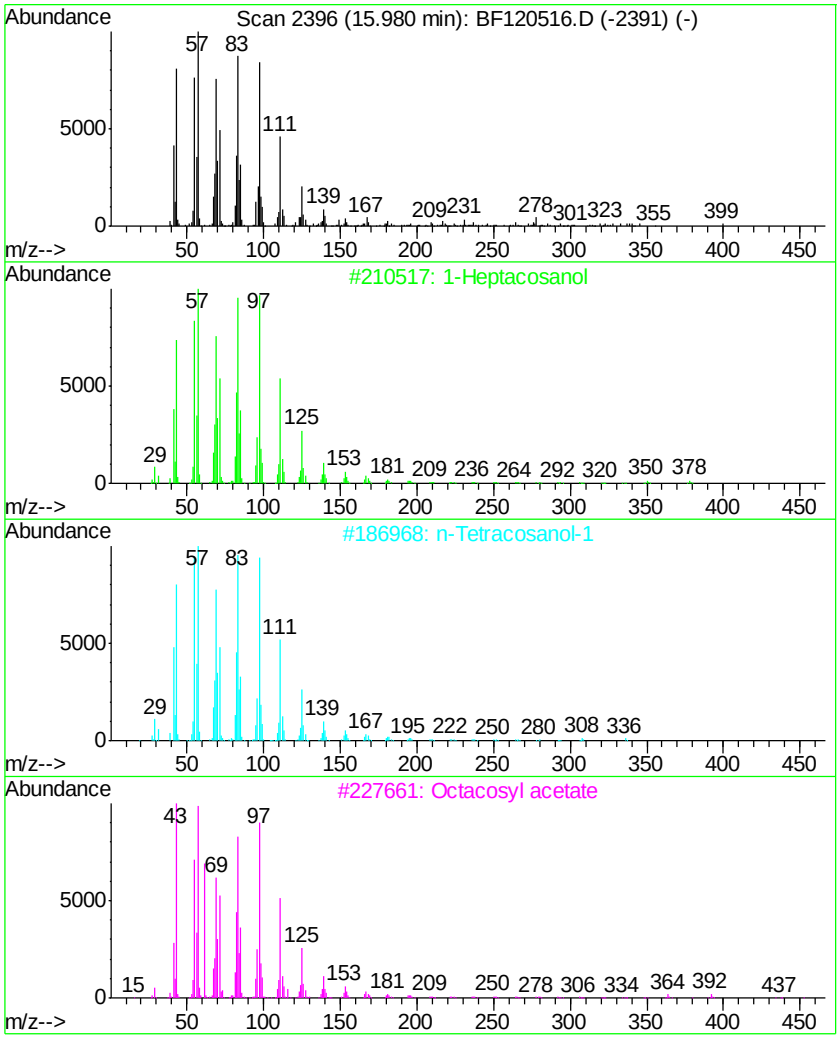
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

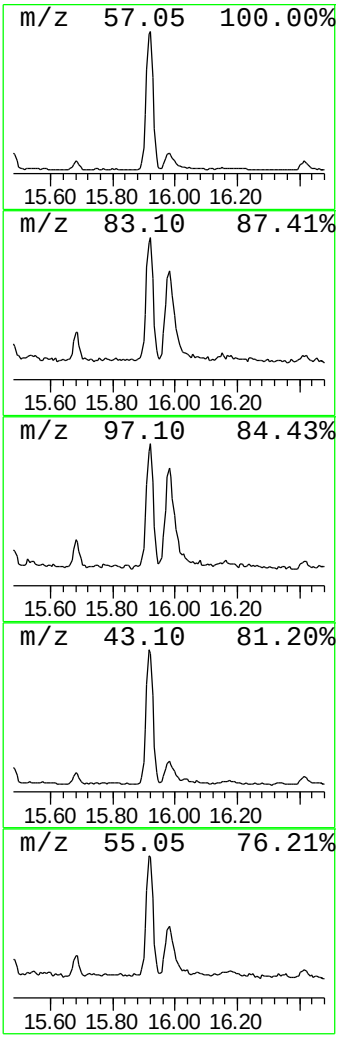
****

Peak Number 19 1-Heptacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	10.61 ng	557157	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	Octacosyl acetate	452	C30H60O2	018206-97-8	93
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	Triacontyl acetate	480	C32H64O2	041755-58-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-COMP-2020-0-6

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

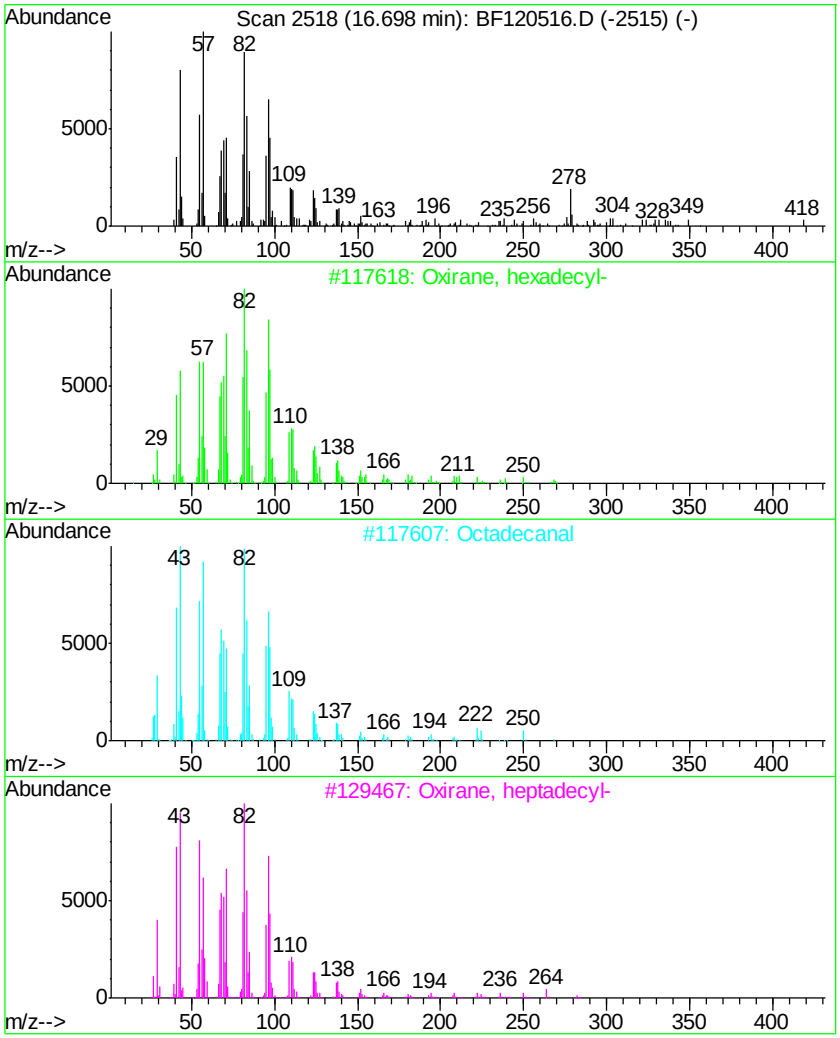
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

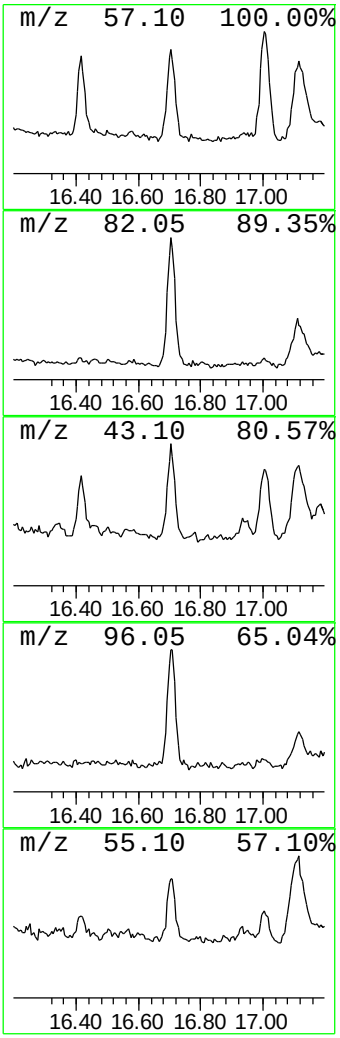
****

Peak Number 20 Oxirane, heptadecyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	6.02 ng	316307	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
2	Octadecanal	268	C18H36O	000638-66-4	87
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	86
4	Z-2-Dodecenol	184	C12H24O	069064-36-4	76
5	Heptadecanal	254	C17H34O	1000376-70-0	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060320\
Data File : BF120516.D
Acq On : 3 Jun 2020 18:20
Operator : JU/CG
Sample : L2839-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM1-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	1.95	14.3	ng	613321	1	6.83	857105	20.0
Butane, 2-methoxy...	2.08	25.3	ng	1083580	1	6.83	857105	20.0
Butanoic acid, 3-...	5.13	2.4	ng	102144	1	6.83	857105	20.0
Tetradecanoic acid	11.02	3.1	ng	233130	4	11.36	1512040	20.0
Pentadecanoic acid	11.30	2.5	ng	185163	4	11.36	1512040	20.0
Hexadecenoic acid...	11.83	18.6	ng	1408250	4	11.36	1512040	20.0
Phenanthrene, 2-m...	11.86	7.5	ng	568454	4	11.36	1512040	20.0
n-Hexadecanoic acid	11.89	13.3	ng	1002210	4	11.36	1512040	20.0
3,6-Dimethoxy-2-e...	12.49	2.8	ng	213503	4	11.36	1512040	20.0
1-Octadecene	13.16	2.1	ng	140014	5	14.00	1351240	20.0
Cyclotridecane	13.84	9.7	ng	654057	5	14.00	1351240	20.0
n-Tetracosanol-1	14.48	5.4	ng	367653	5	14.00	1351240	20.0
Oxirane, hexadecyl-	14.92	3.1	ng	164860	6	15.46	1050350	20.0
Nonadecyl pentafl...	15.14	7.5	ng	393467	6	15.46	1050350	20.0
Benzo[e]pyrene	15.33	4.4	ng	231539	6	15.46	1050350	20.0
Heptadecanal	15.68	3.6	ng	190720	6	15.46	1050350	20.0
Heptadecane, 9-oc...	15.92	31.5	ng	1656050	6	15.46	1050350	20.0
1-Heptacosanol	15.98	10.6	ng	557157	6	15.46	1050350	20.0
Oxirane, heptadecyl-	16.70	6.0	ng	316307	6	15.46	1050350	20.0