LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

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-BF042219.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	5.510	578	582	595	rBV	1087886	1036191	6.08%	1.363%
2	6.516	749	753	766	rBV	1244934	1139413	6.69%	1.499%
3	6.663	774	778	781	rBV	1325735	1176068	6.90%	1.547%
4	6.892	814	817	824	rVB	865405	686818	4.03%	0.903%
5	7.051	840	844	847	rBV	1062921	943137	5.54%	1.241%
6	7.445	904	911	917	rBV	762038	715519	4.20%	0.941%
7	8.175	1030	1035	1041	rBV	989071	1043859	6.13%	1.373%
8	8.769	1132	1136	1139	rBV3	304588	293130	1.72%	0.386%
9	9.198	1206	1209	1213	rVB3	241319	228279	1.34%	0.300%
10	9.245	1214	1217	1222	rVB	1693454	1383320	8.12%	1.820%
11	9.333	1228	1232	1236	rBV	601284	600859	3.53%	0.790%
12	9.651	1281	1286	1288	rVV4	464474	671201	3.94%	0.883%
13	9.674	1288	1290	1293	rVV2	249043	232211	1.36%	0.305%
14	9.710	1293	1296	1299	rVB	241058	209022	1.23%	0.275%
15	9.863	1314	1322	1325	rBV	877726	872669	5.12%	1.148%
16	9.927	1330	1333	1336	rVB	1070855	936881	5.50%	1.232%
17	10.092	1358	1361	1364	rBV3	129529	198552	1.17%	0.261%
18	10.186	1373	1377	1380	rBV3	216169	305984	1.80%	0.403%
19	10.363	1401	1407	1409	rBV	962865	962224	5.65%	1.266%
20	10.580	1439	1444	1449	rBV	466396	645974	3.79%	0.850%
21	10.716	1461	1467	1470	rBV2	828888	872850	5.12%	1.148%
22	10.833	1484	1487	1495	rBV	1133387	1392053	8.17%	1.831%
23	11.280	1560	1563	1566	rBV	951991	776229	4.56%	1.021%
24	11.310	1566	1568	1573	rVB	522270	535036	3.14%	0.704%
25	11.416	1582	1586	1588	rBV	1005139	984276	5.78%	1.295%
26	11.439	1588	1590	1592	rVV	546907	486600	2.86%	0.640%
27	11.486	1596	1598	1602	rVB	257955	242008	1.42%	0.318%
28	11.704	1632	1635	1637	rBV	880638	739332	4.34%	0.973%
29	11.727	1637	1639	1644	rVV2	382817	357074	2.10%	0.470%
30	11.810	1648	1653	1656	rBV	6595530	7273754	42.69%	9.568%
31	11.916	1668	1671	1673	rBV	196568	179732	1.05%	0.236%
32	11.945	1673	1676	1682	rVB	931423	983383	5.77%	1.294%
33	12.027	1687	1690	1692	rVV	366446	385285	2.26%	0.507%
34	12.051	1692	1694	1698	rVB	225427	203466	1.19%	0.268%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

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-BF042219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.116	1699	1705	1709	rBV2	688460	823590	4.83%	1.083%
36	12.210	1718	1721	1723	rBV	287750	232165	1.36%	0.305%
37	12.463	1761	1764	1766	rBV	232973	256596	1.51%	0.338%
38	12.515	1766	1773	1774	rBV2	8561141	17036569	100.00%	22.411%
39	12.604	1785	1788	1790	rVV	4365817	3516506	20.64%	4.626%
40	12.633	1790	1793	1795	rVV	2014121	2168699	12.73%	2.853%
41	12.668	1795	1799	1804	rVV	2366163	3632135	21.32%	4.778%
42	12.727	1807	1809	1815	rVV2	450732	493484	2.90%	0.649%
43	12.780	1815	1818	1822	rVV3	153155	183528	1.08%	0.241%
44	12.833	1823	1827	1829	rVV	1133479	1117926	6.56%	1.471%
45	12.863	1829	1832	1840	rVV2	1497720	2079867	12.21%	2.736%
46	12.998	1852	1855	1858	rVB	1580351	1422528	8.35%	1.871%
47	13.033	1858	1861	1865	rVB4	194964	217830	1.28%	0.287%
48	13.080	1866	1869	1871	rBV3	223587	276179	1.62%	0.363%
49	13.157	1879	1882	1884	rVV	933590	845435	4.96%	1.112%
50	13.186	1884	1887	1892	rVV3	709745	1049982	6.16%	1.381%
51	13.245	1892	1897	1903	rVV3	968612	1616556	9.49%	2.127%
52	13.292	1903	1905	1907	rVV2	176411	200505	1.18%	0.264%
53	13.321	1907	1910	1913	rVB	897221	744310	4.37%	0.979%
54	13.415	1923	1926	1929	rBV2	210731	253787	1.49%	0.334%
55	13.568	1949	1952	1957	rBV	354911	292474	1.72%	0.385%
56	13.745	1978	1982	1985	rVB3	213291	301517	1.77%	0.397%
57	13.857	1999	2001	2005	rBV2	123328	175744	1.03%	0.231%
58	13.898	2006	2008	2011	rVB	325988	254269	1.49%	0.334%
59	13.992	2021	2024	2028	rVB	533043	515584	3.03%	0.678%
60	14.057	2030	2035	2037	rVV2	1136947	1596066	9.37%	2.100%
61	14.080	2037	2039	2046	rVB	636352	659591	3.87%	0.868%
62	14.221	2060	2063	2065	rVB	306776	282632	1.66%	0.372%
63	14.533	2113	2116	2122	rBV4	448551	662801	3.89%	0.872%
64	14.621	2129	2131	2135	rBV2	235088	232819	1.37%	0.306%
65	14.845	2167	2169	2172	rVB	292690	246097	1.44%	0.324%
66	14.962	2185	2189	2197	rVB	629727	945110	5.55%	1.243%
67	15.115	2212	2215	2219	rBV	392544	632170	3.71%	0.832%
68	15.192	2225	2228	2231	rVB	275671	294282	1.73%	0.387%
69	15.492	2275	2279	2285	rVB	409774	542002	3.18%	0.713%
70	15.551	2286	2289	2292	rBV	397417	524793	3.08%	0.690%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

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-BF042219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 76018517

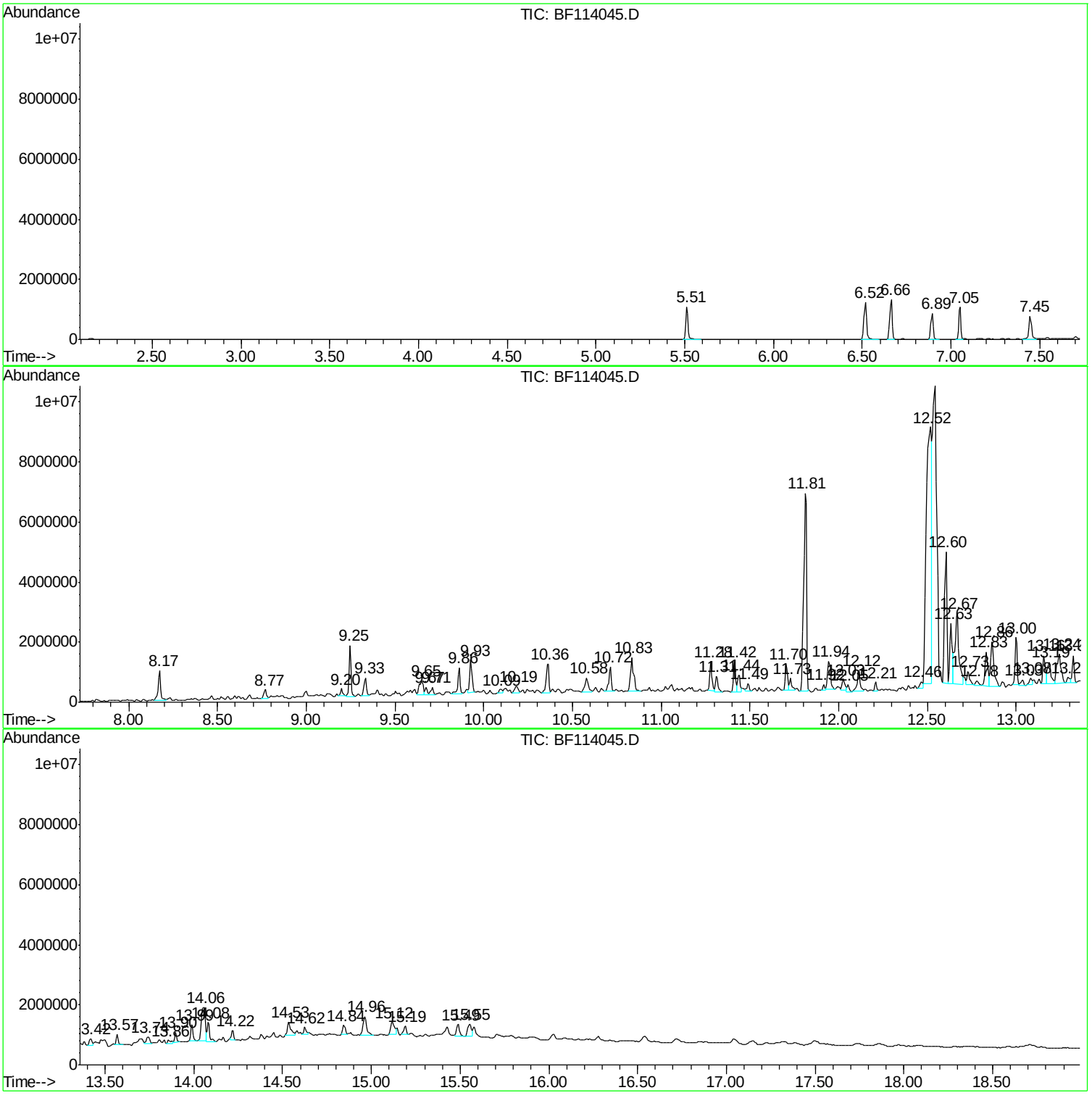
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

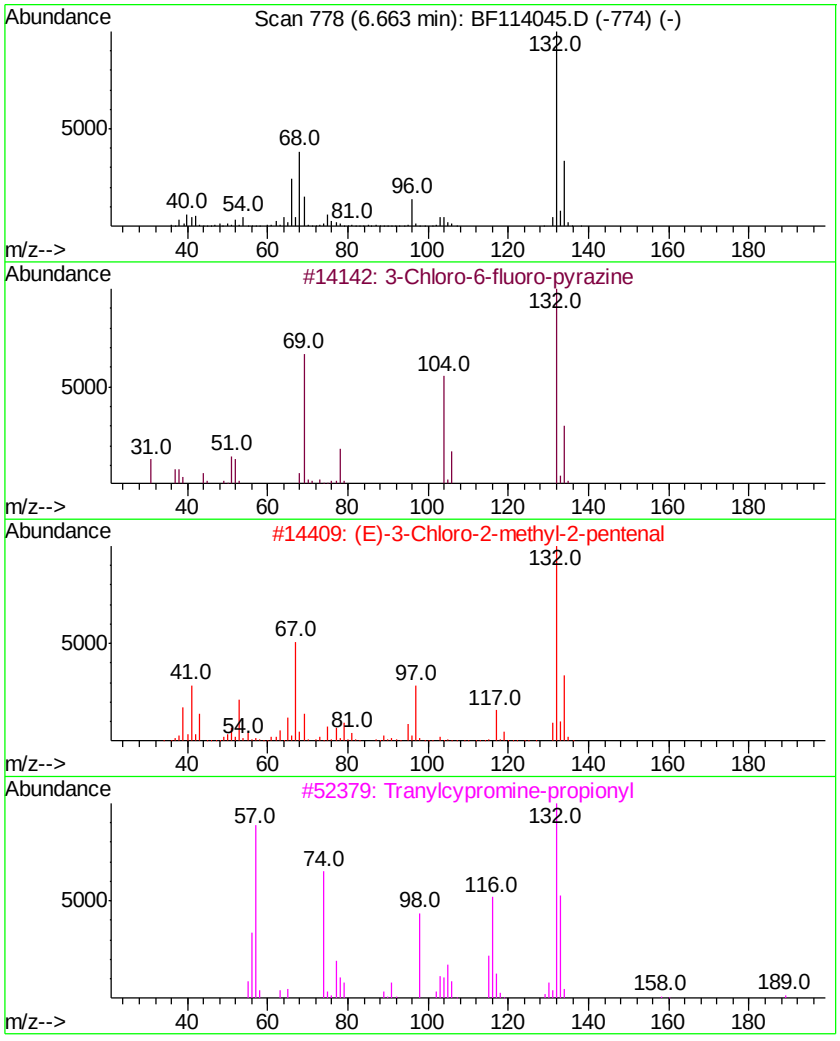
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

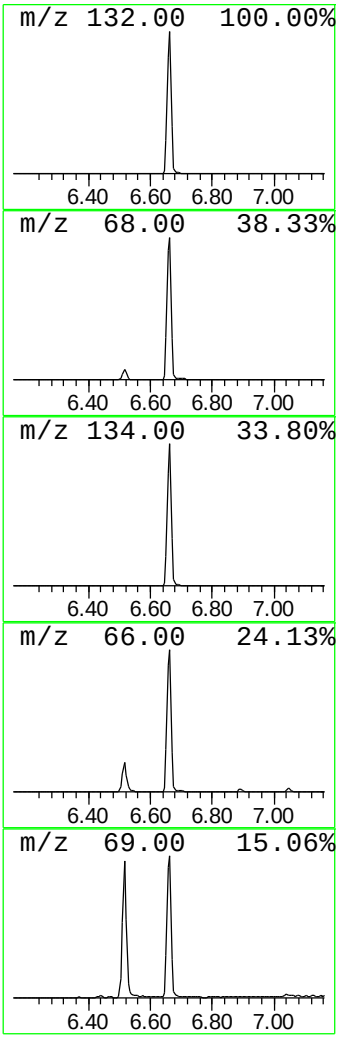
****

Peak Number 1 unknown6.66 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	34.25 ng	1176070	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

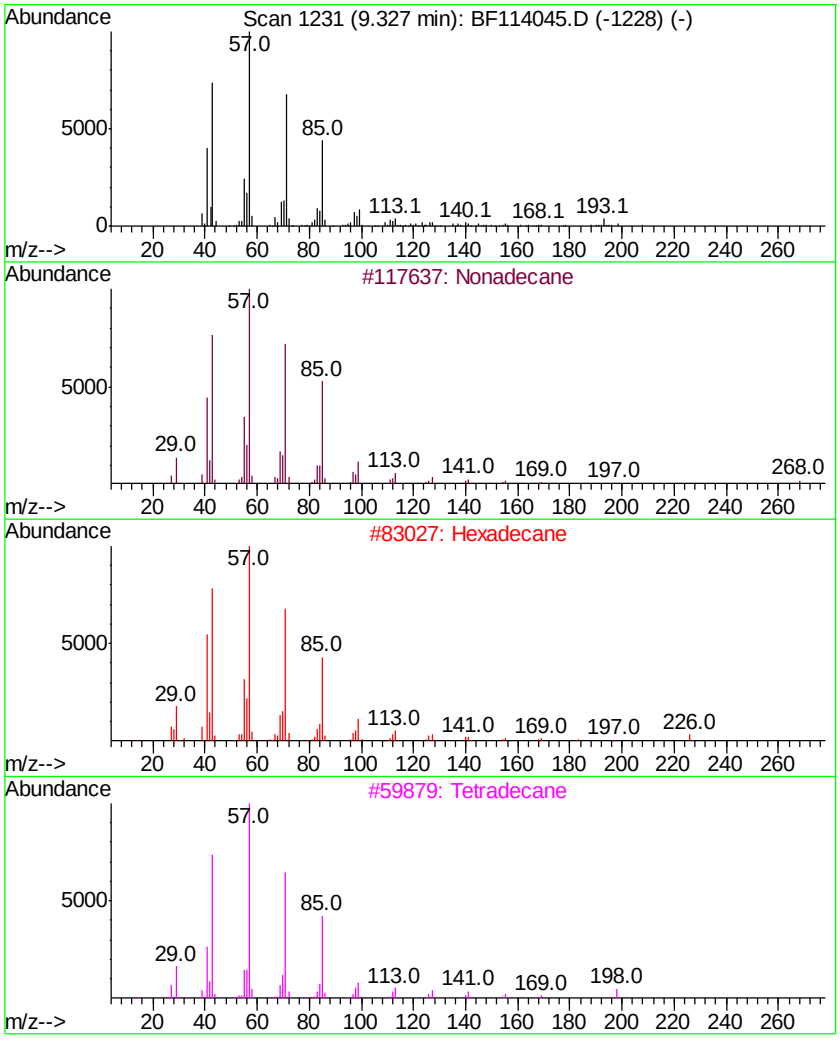
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

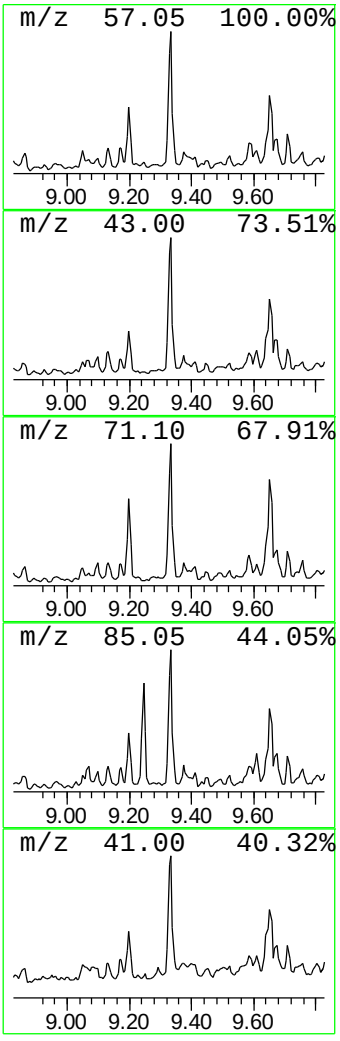
****

Peak Number 3 Nonadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	12.83 ng	600859	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
5	Pentadecane	212	C15H32	000629-62-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

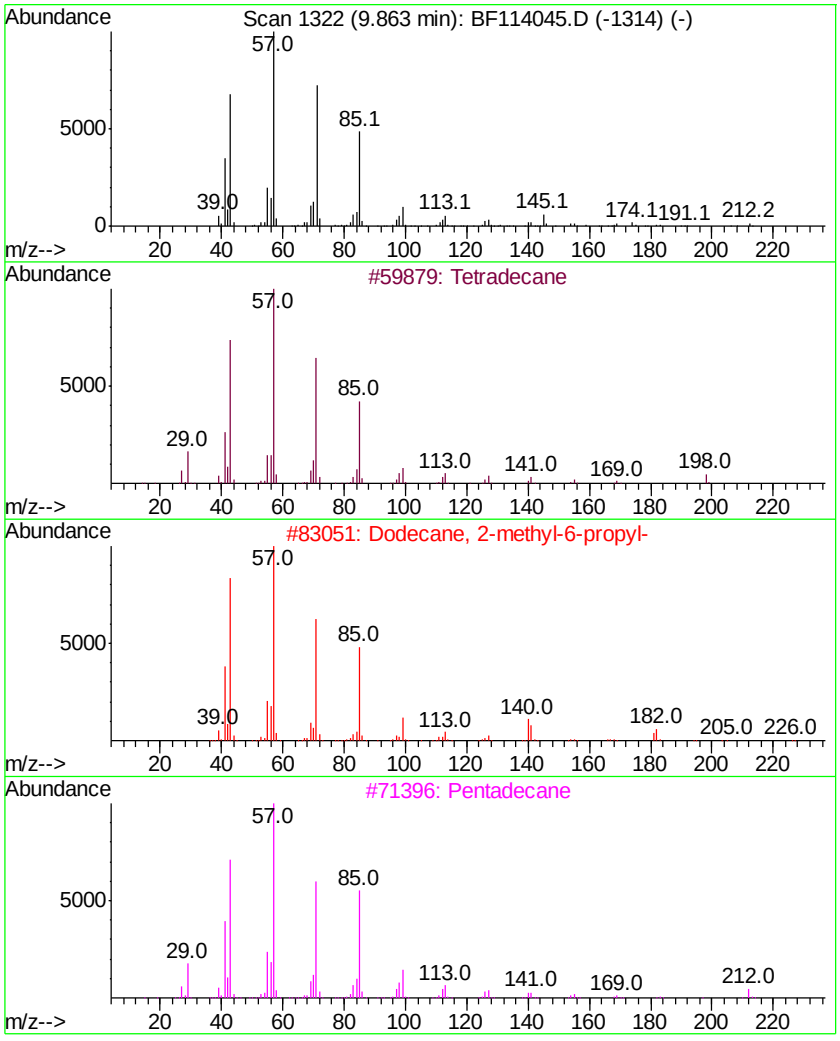
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

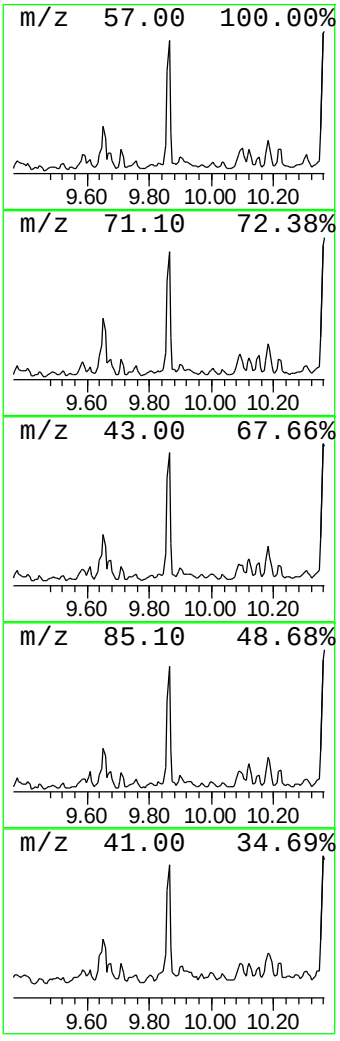
****

Peak Number 4 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	18.63 ng	872669	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Pentadecane	212	C15H32	000629-62-9	58
4	Heptadecane	240	C17H36	000629-78-7	58
5	Hexadecane	226	C16H34	000544-76-3	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

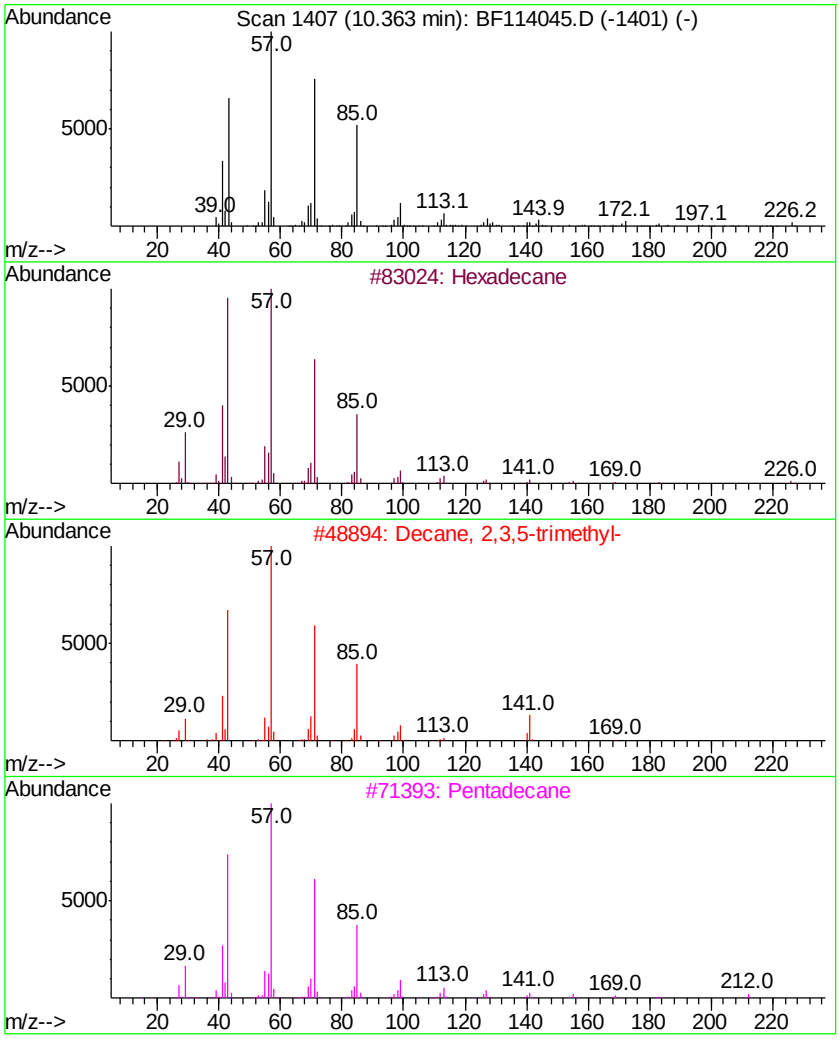
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

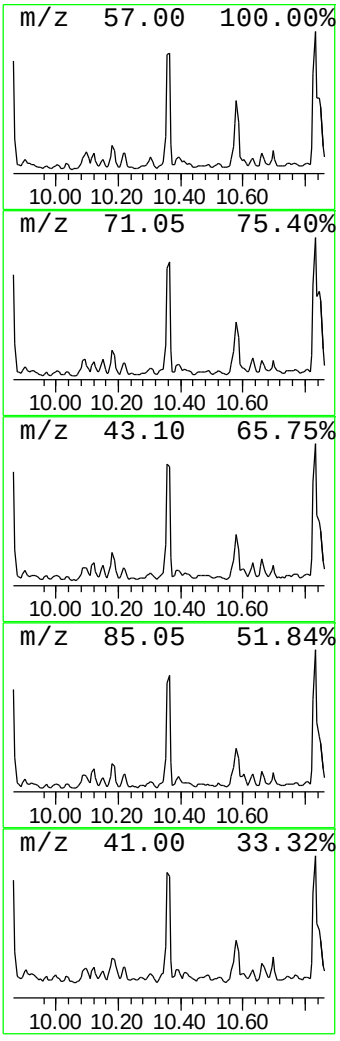
****

Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	20.54 ng	962224	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

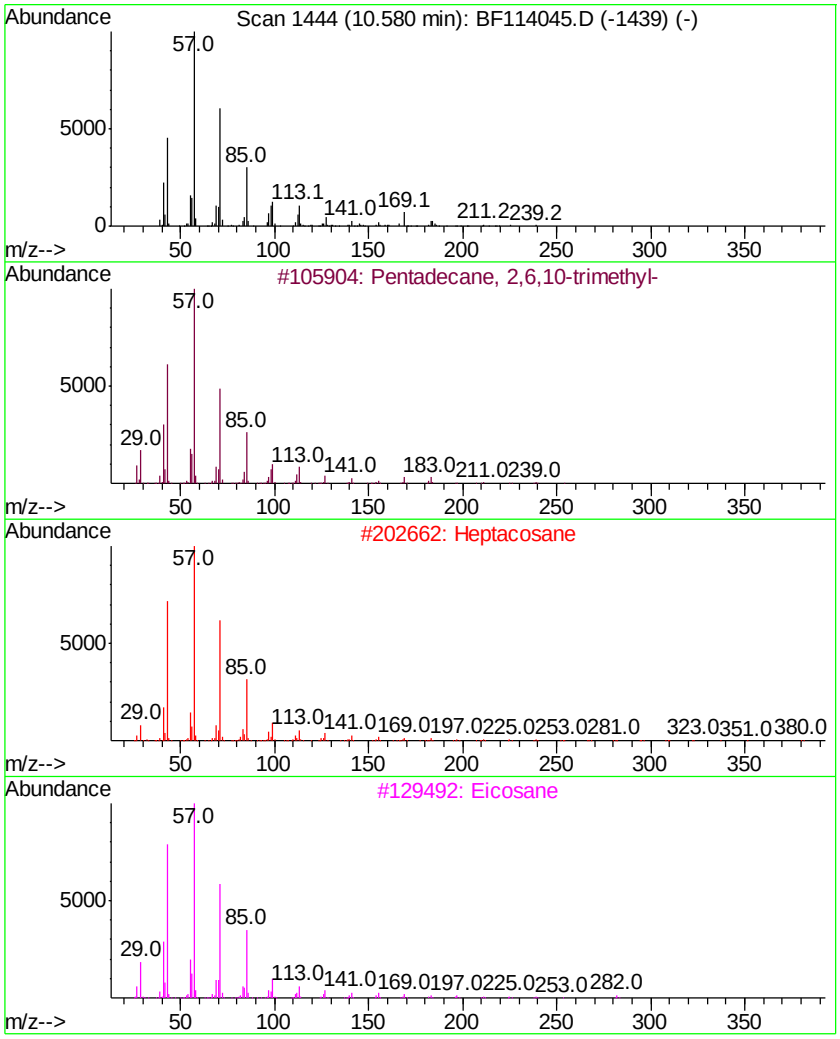
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

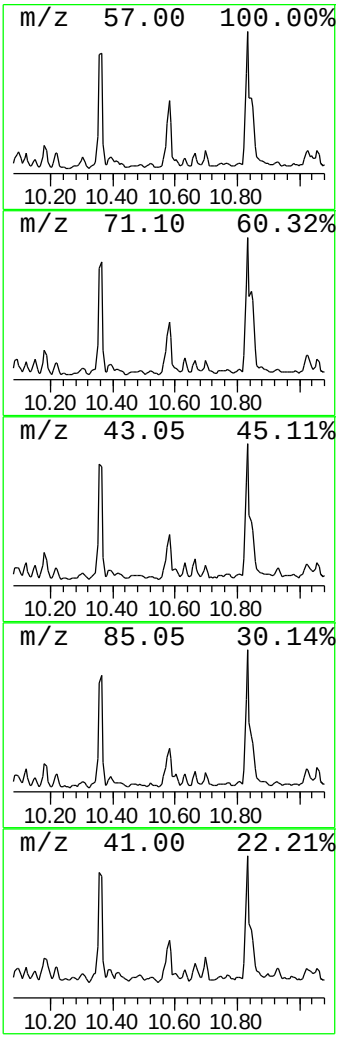
****

Peak Number 6 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	13.79 ng	645974	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Heptacosane	380	C27H56	000593-49-7	83
3	Eicosane	282	C20H42	000112-95-8	80
4	Tridecane	184	C13H28	000629-50-5	74
5	Hexadecane	226	C16H34	000544-76-3	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

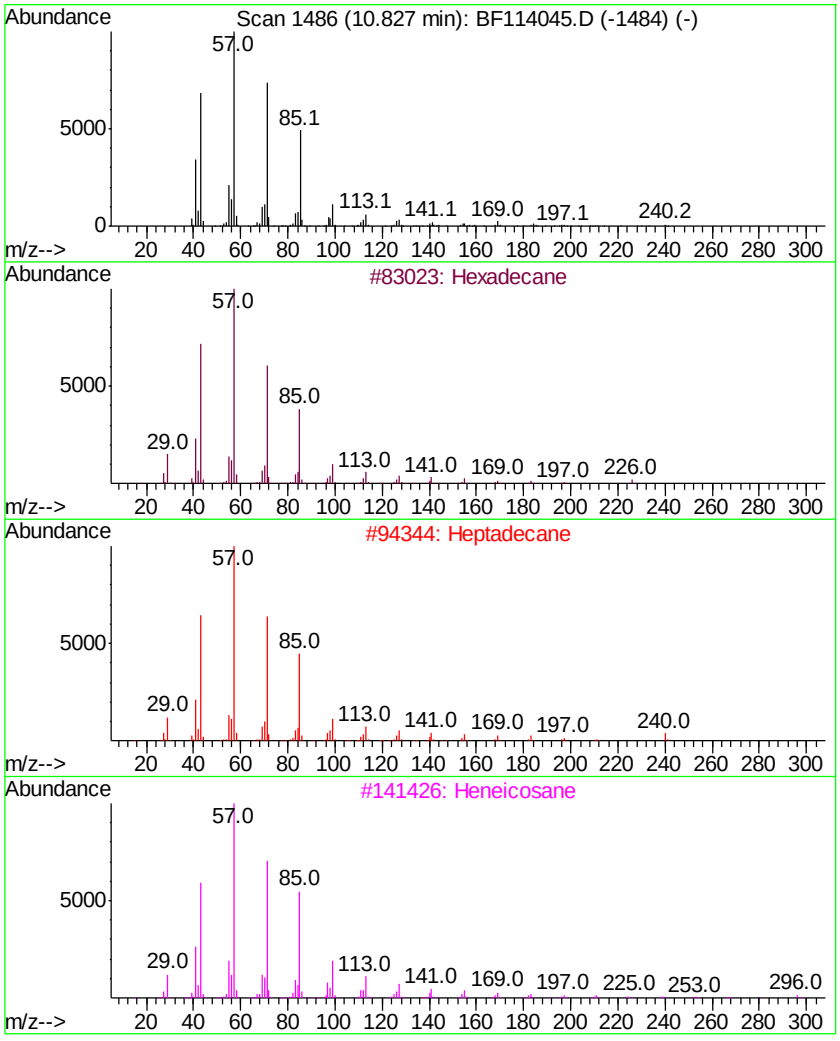
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

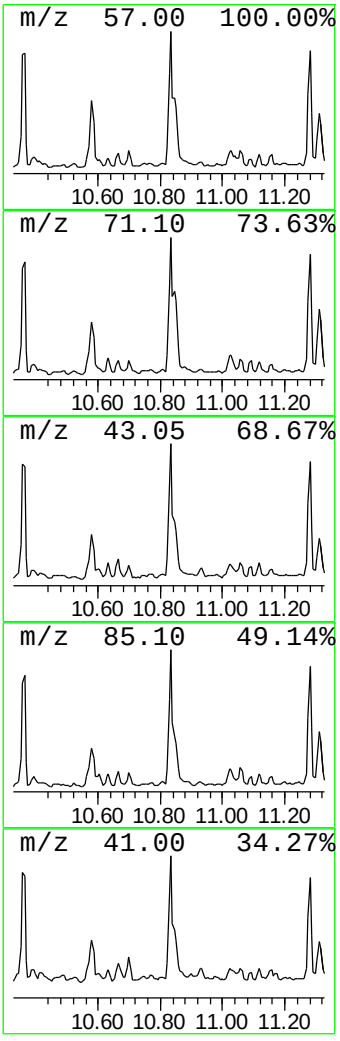
****

Peak Number 7 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	28.29 ng	1392050	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tridecane	184	C13H28	000629-50-5	87
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

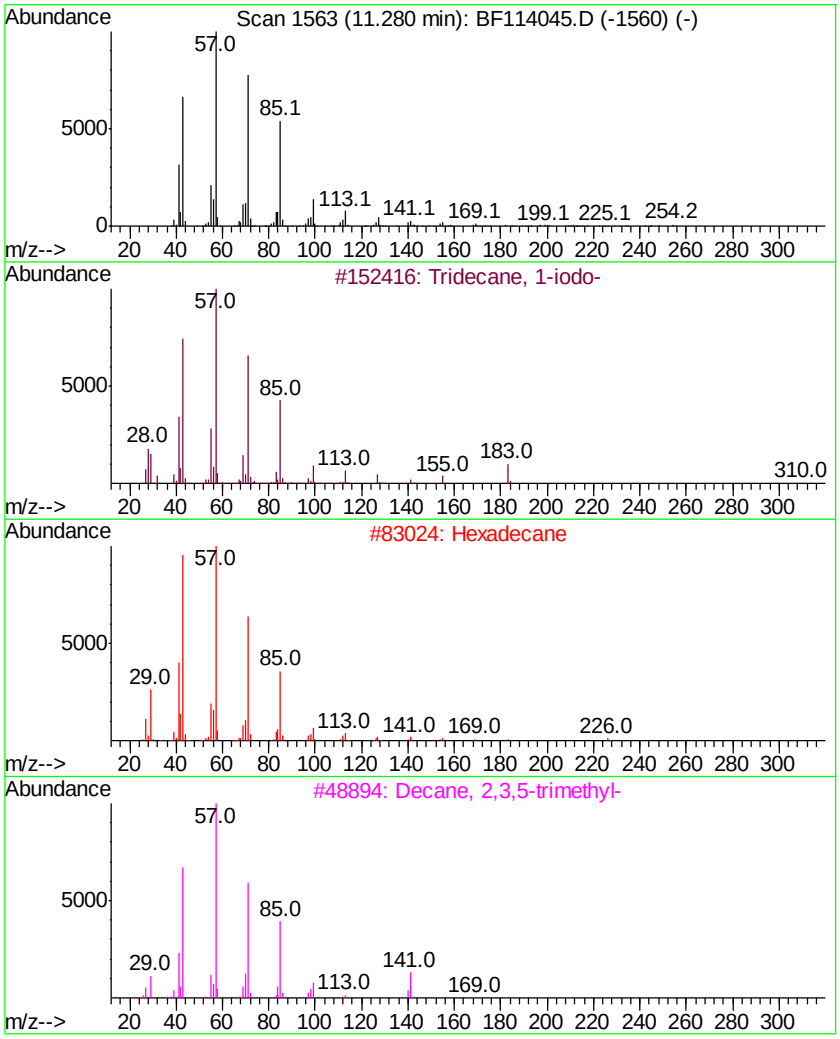
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

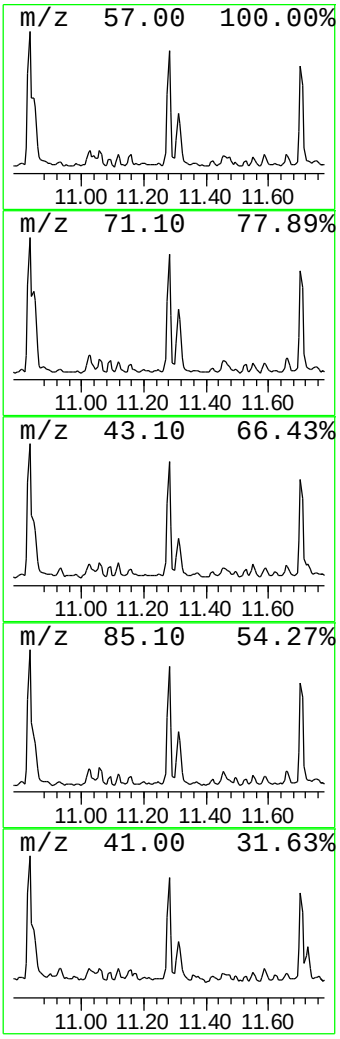
****

Peak Number 8 Tridecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	15.77 ng	776229	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	89
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

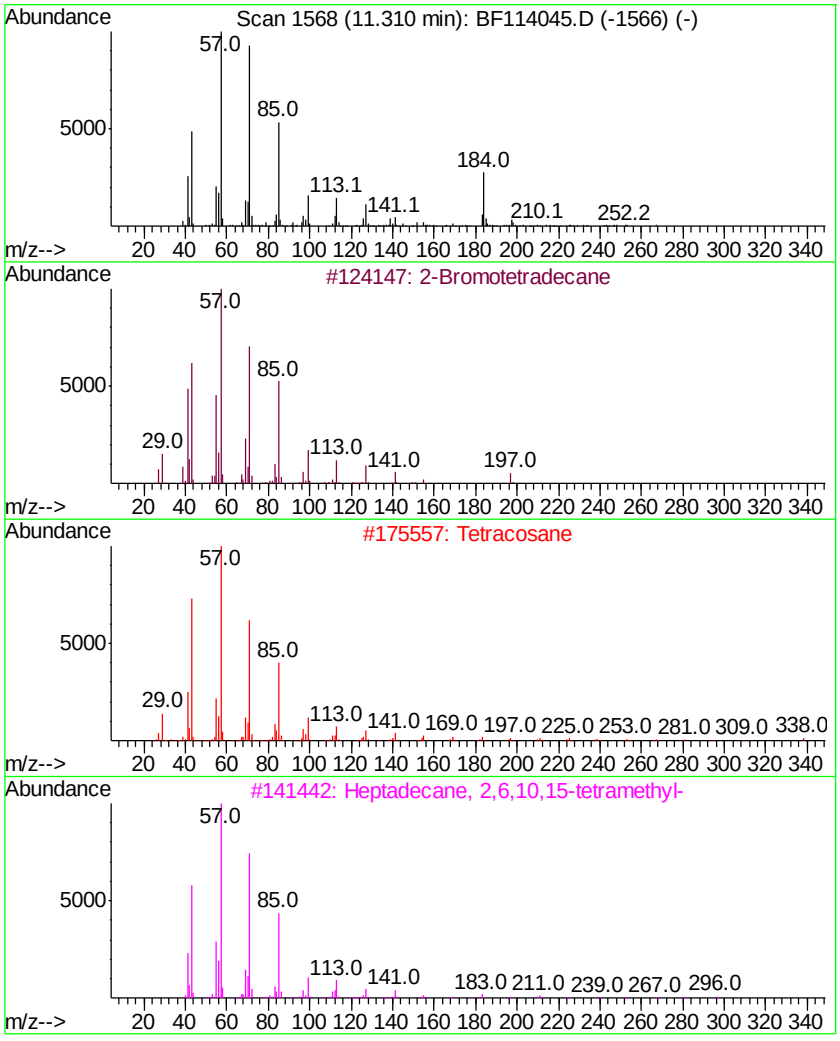
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

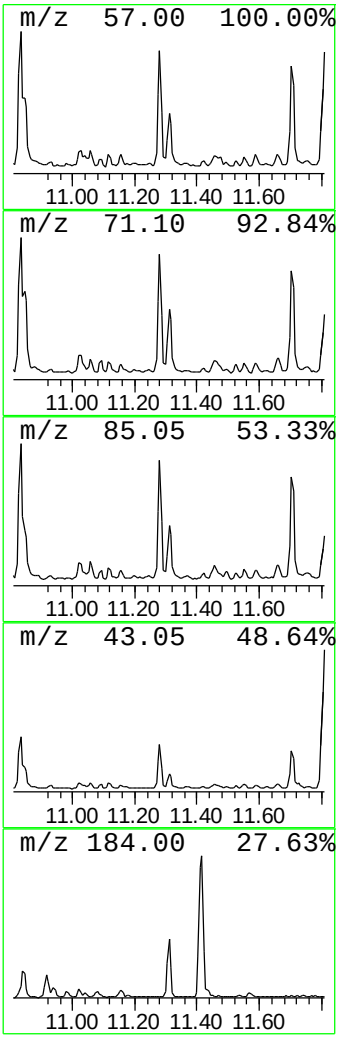
****

Peak Number 9 2-Bromotetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	10.87 ng	535036	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	80
2	Tetracosane	338	C24H50	000646-31-1	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
4	Hexadecane	226	C16H34	000544-76-3	64
5	Tetradecane	198	C14H30	000629-59-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

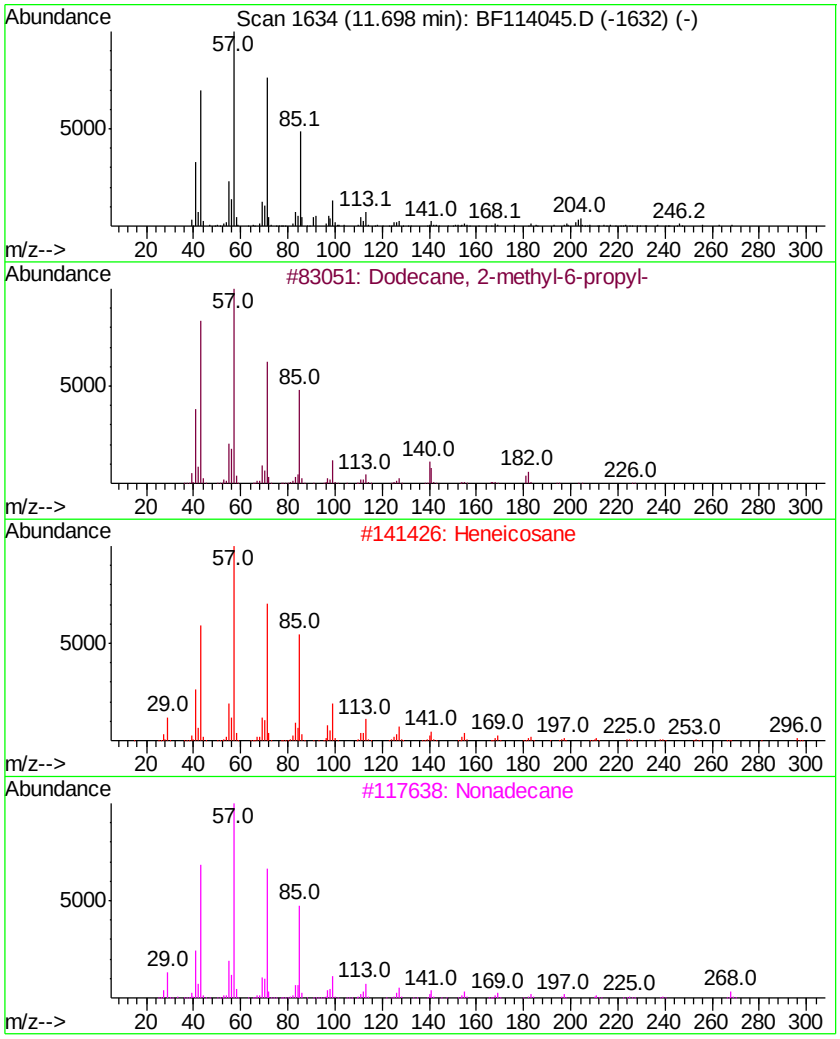
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

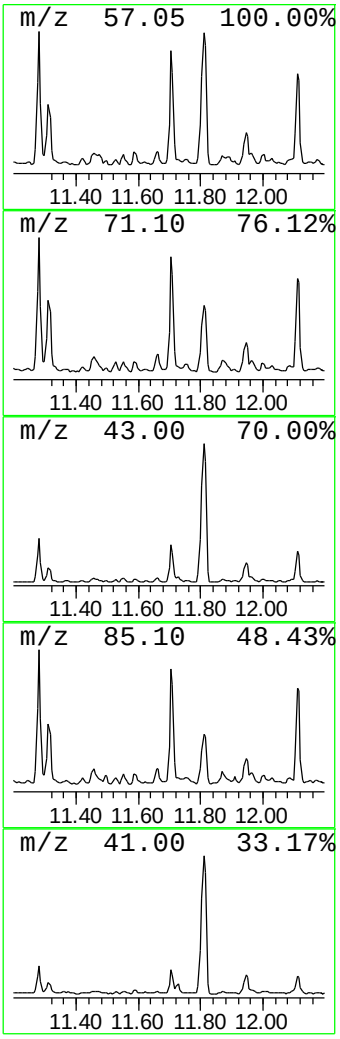
****

Peak Number 10 Dodecane, 2-methyl-6-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	15.02 ng	739332	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Heptacosane	380	C27H56	000593-49-7	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

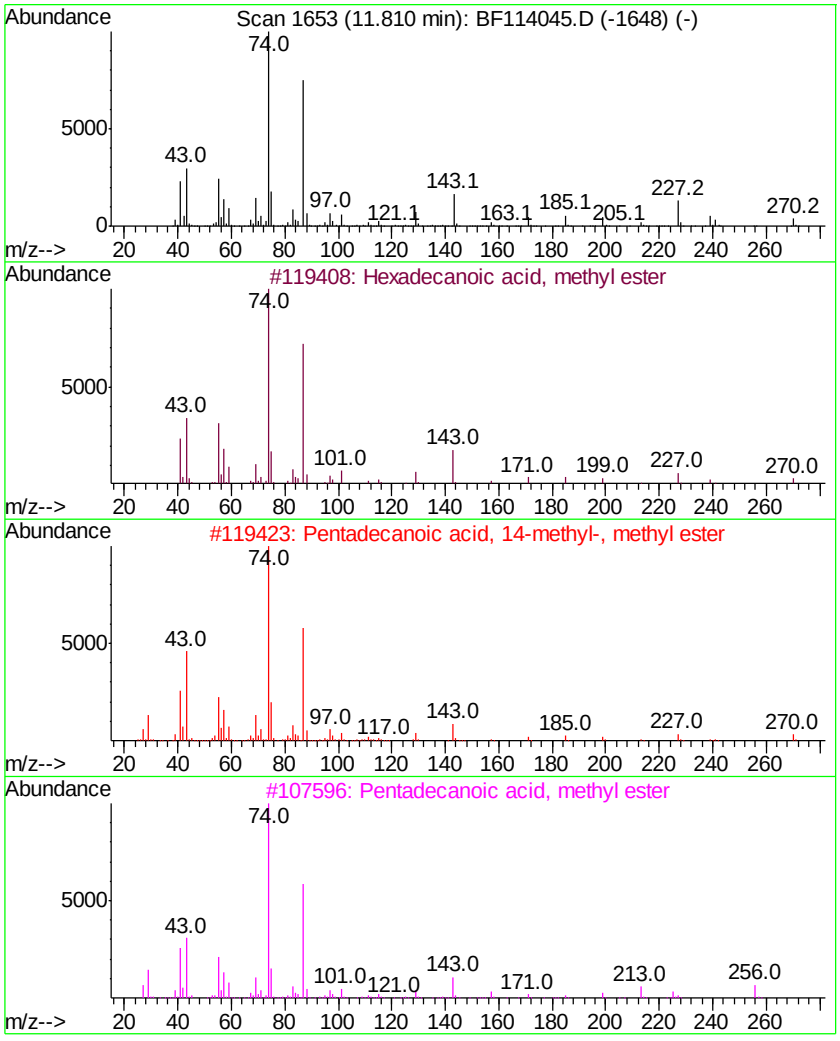
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

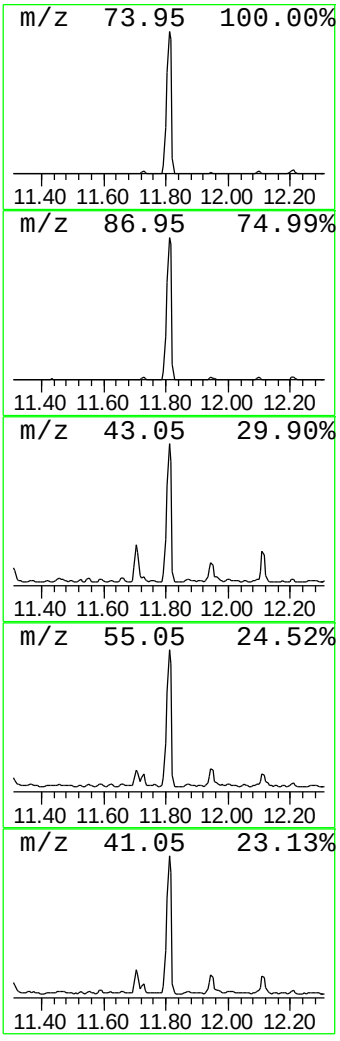
****

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	147.80 ng	7273750	Phenanthrene-d10	11.42

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	96
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

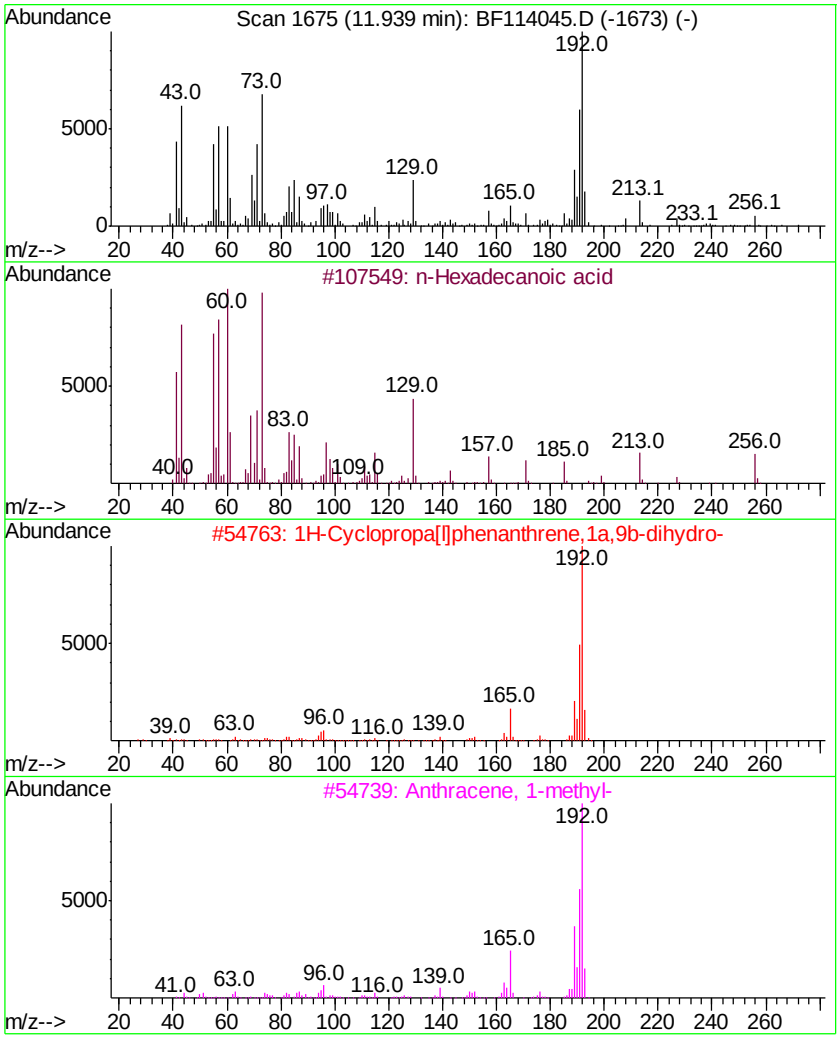
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

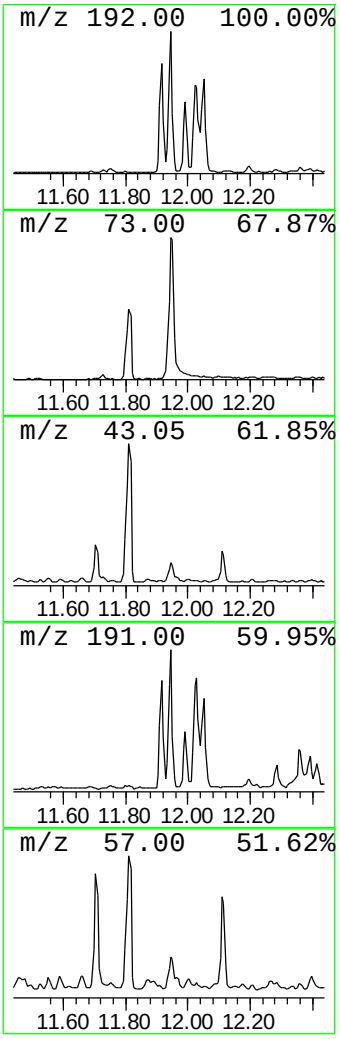
****

Peak Number 12 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	19.98 ng	983383	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	74
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	74
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	68
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

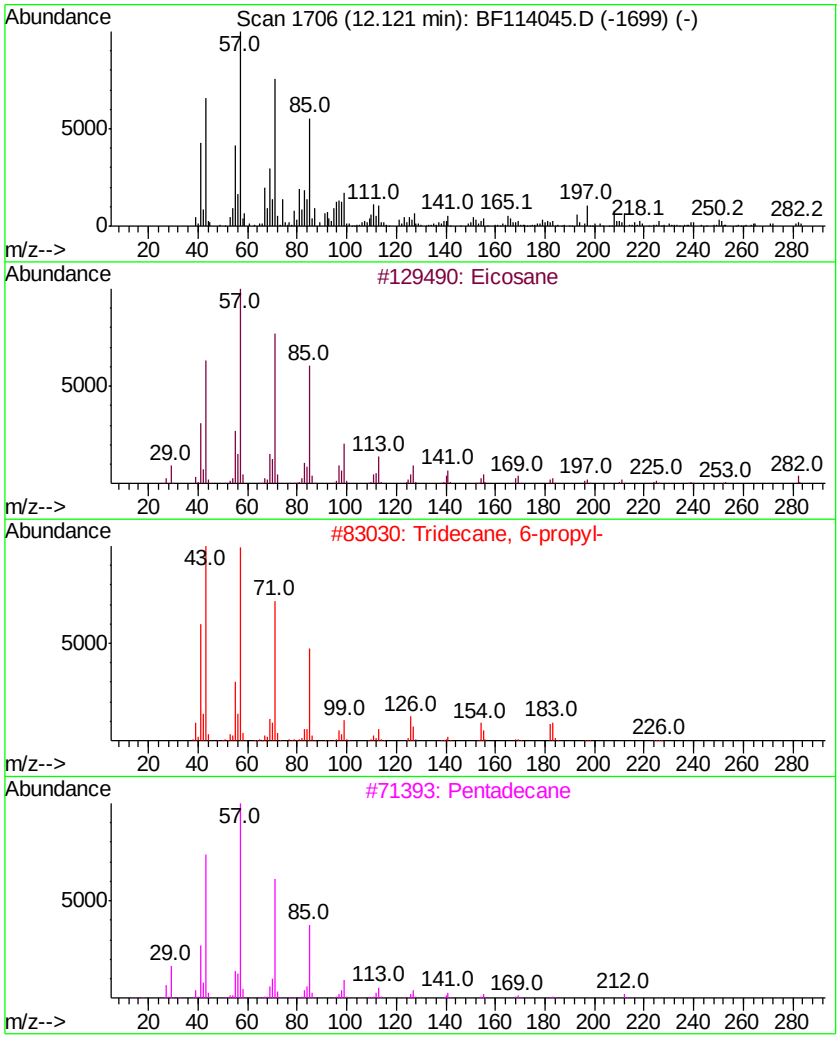
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

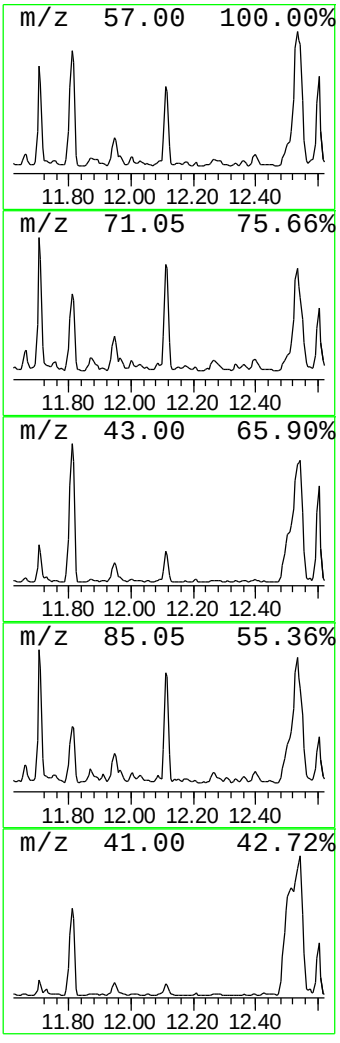
****

Peak Number 13 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	16.73 ng	823590	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
3	Pentadecane	212	C15H32	000629-62-9	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

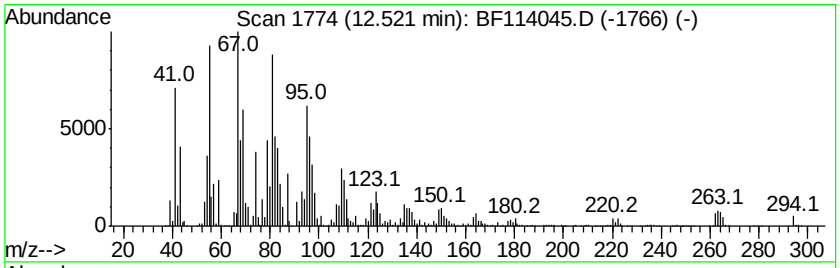
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

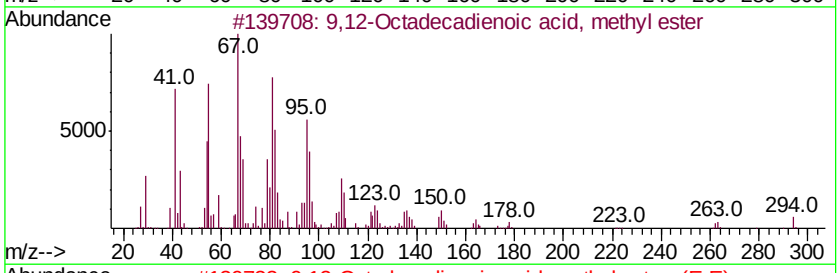
****

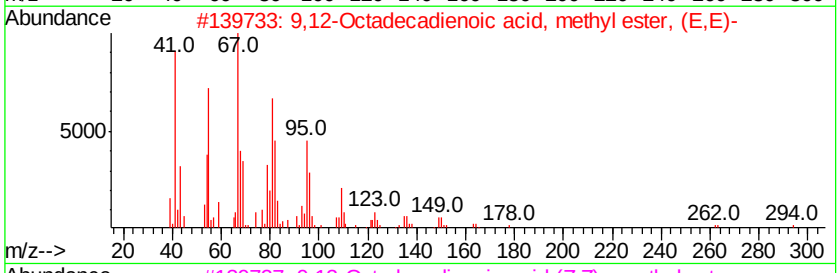
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

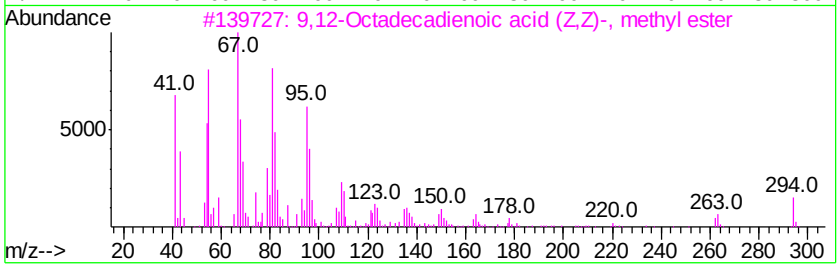
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	346.18 ng	17036600	Phenanthrene-d10	11.42

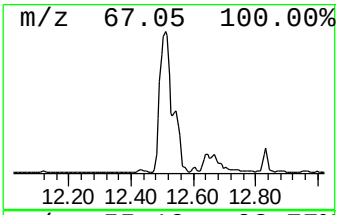
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99

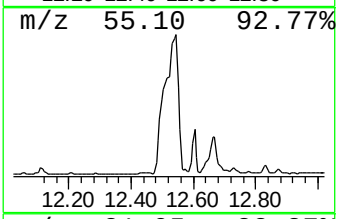


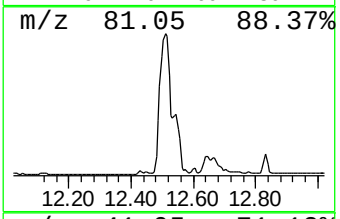


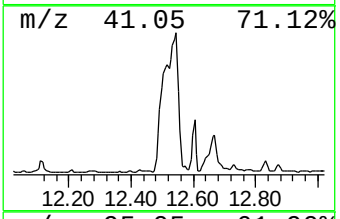


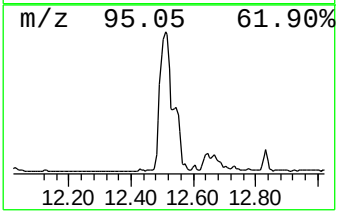












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

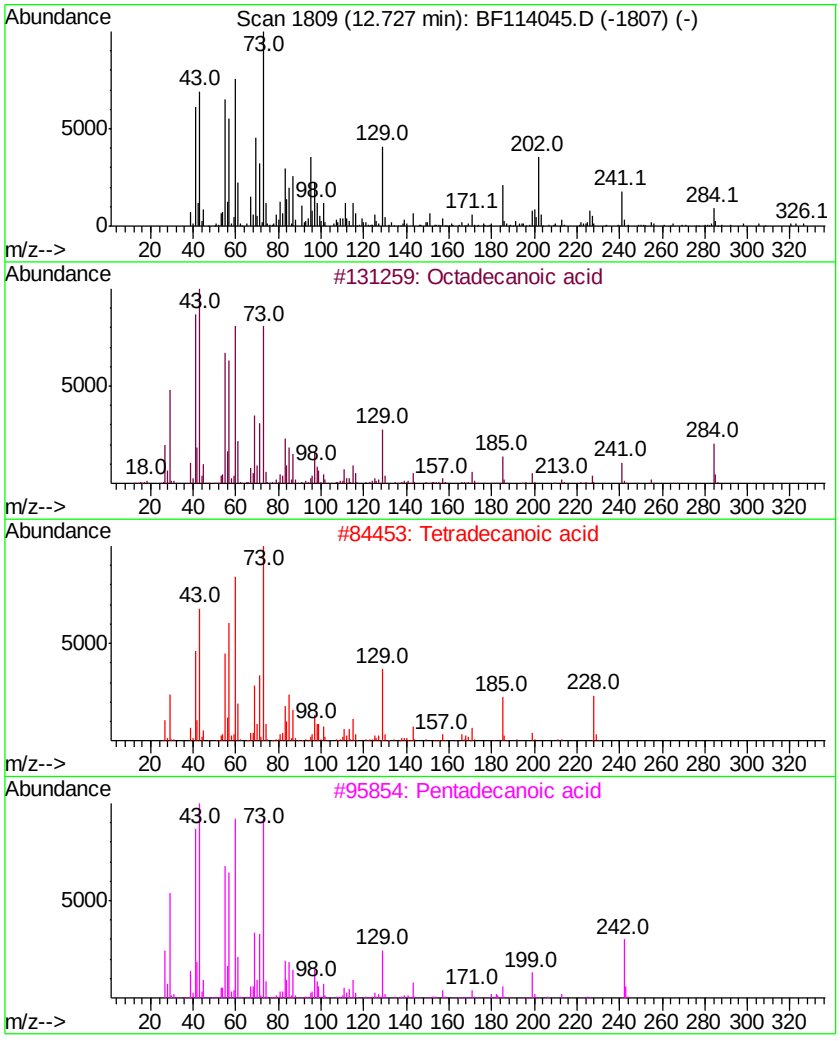
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

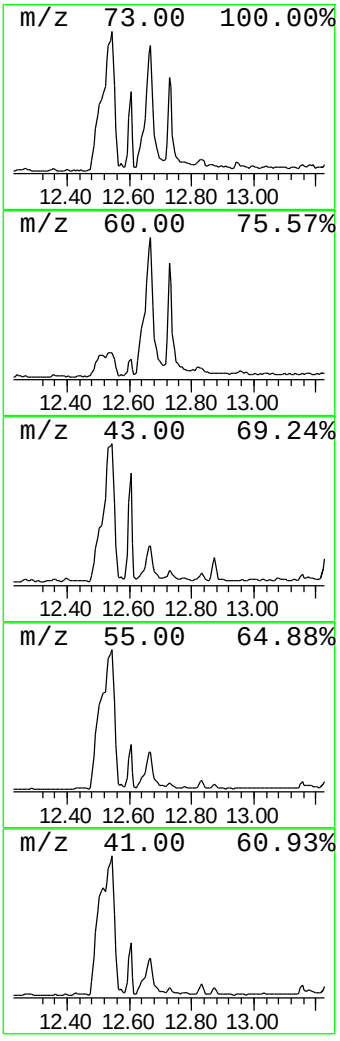
****

Peak Number 15 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	10.03 ng	493484	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4	Dodecanoic acid	200	C12H24O2	000143-07-7	55
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

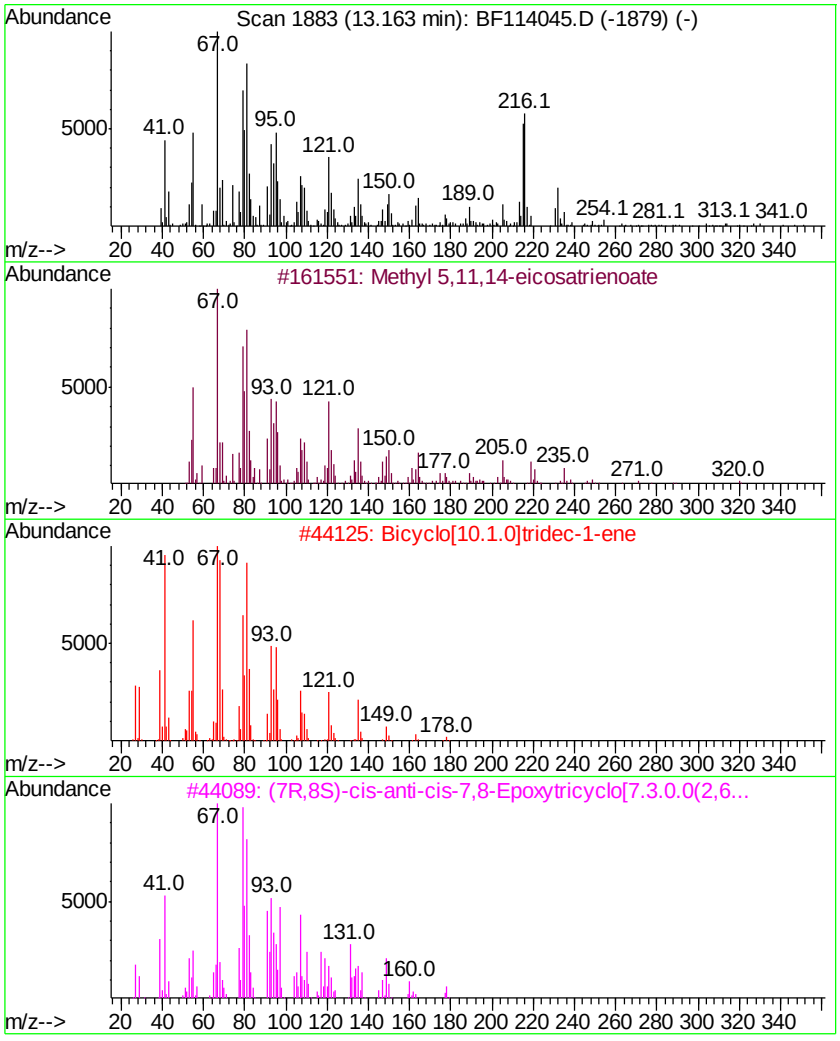
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

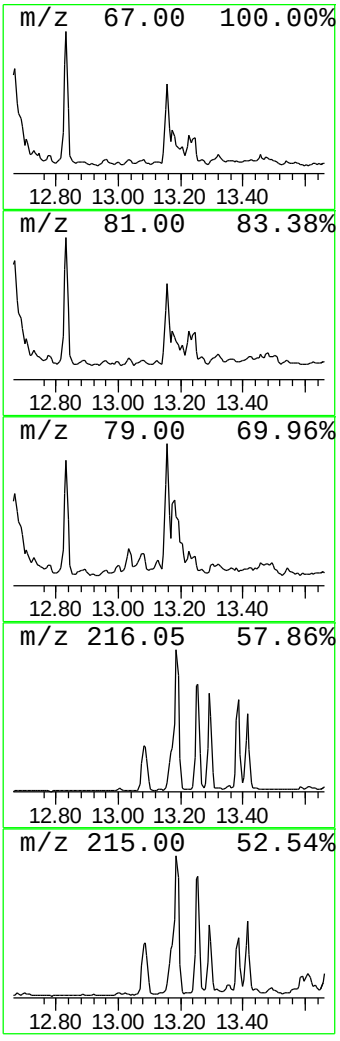
****

Peak Number 16 Methyl 5,11,14-eicosatrienoate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	10.59 ng	845435	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	99
2	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	94
3	(7R,8S)-cis-anti-cis-7,8-Epoxytr...	178	C12H18O	073285-35-5	81
4	cis-3-Methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-28-9	64
5	Cyclooctene, 4-ethenyl-	136	C10H16	001124-45-4	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

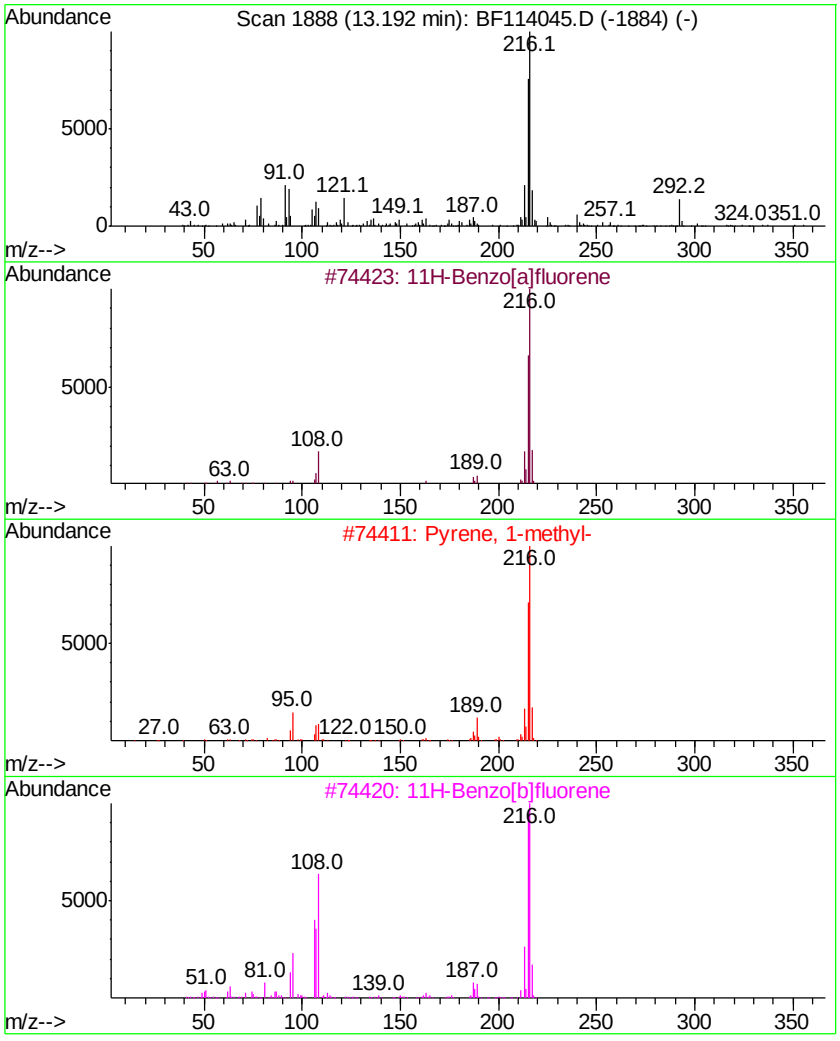
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

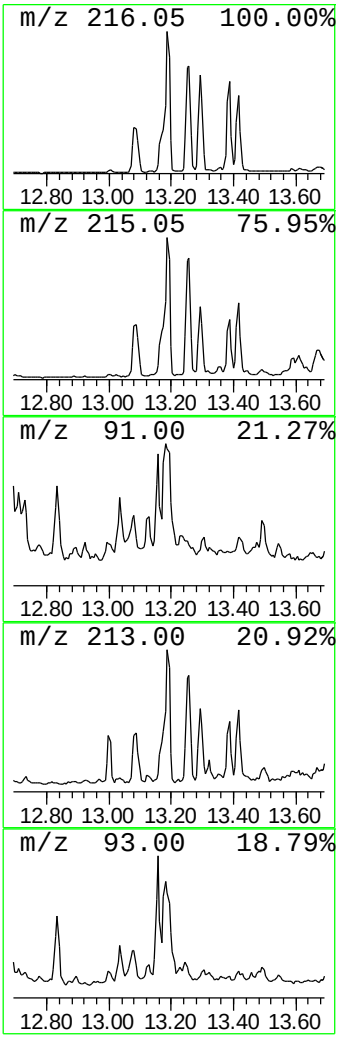
****

Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	13.16 ng	1049980	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

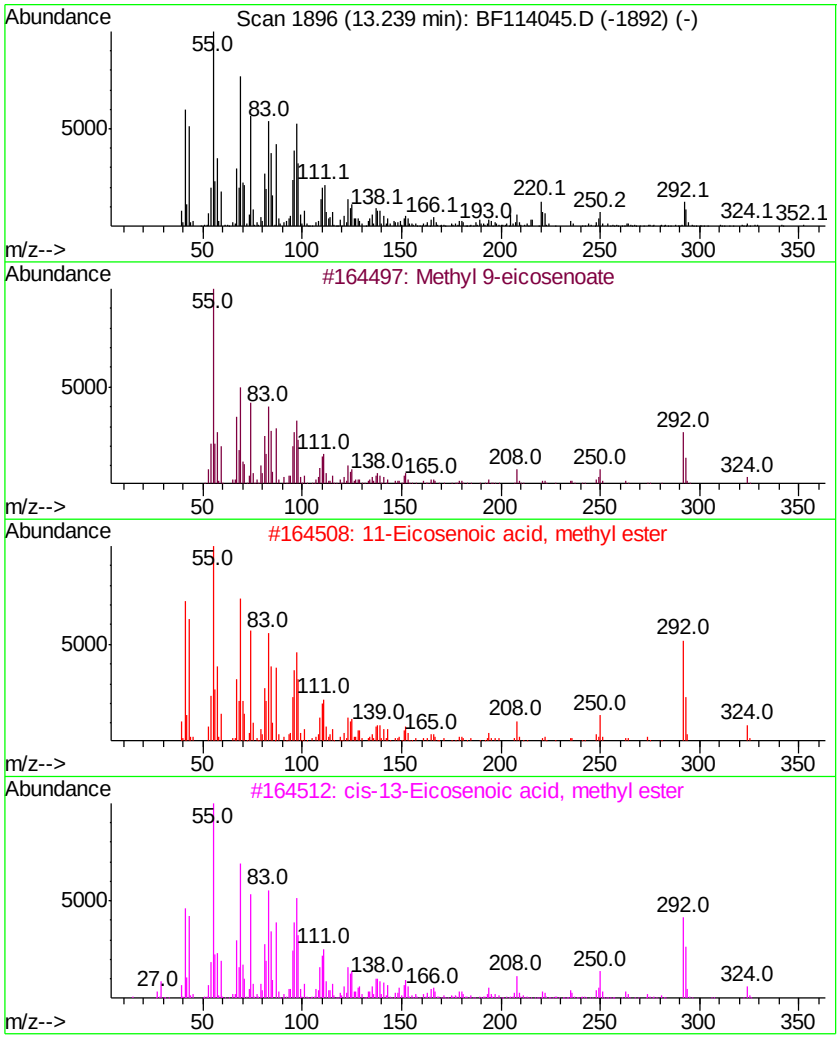
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

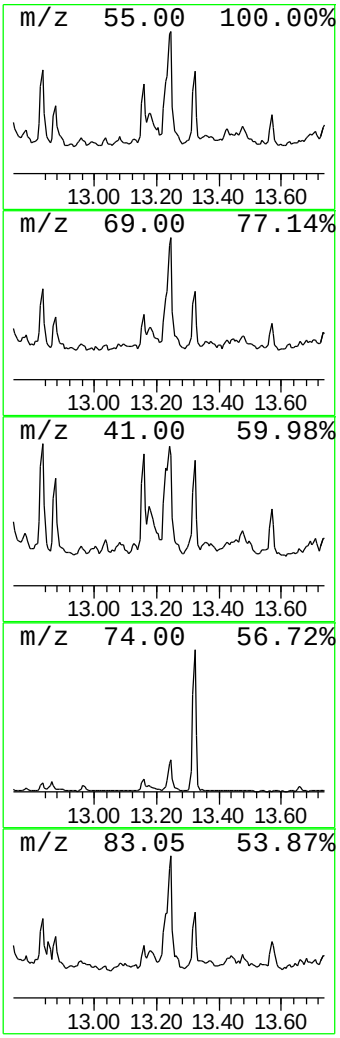
****

Peak Number 18 Methyl 9-eicosenoate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	20.26 ng	1616560	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-eicosenoate	324	C21H40O2	1000336-50-5	97
2	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	96
3	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	96
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	78
5	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

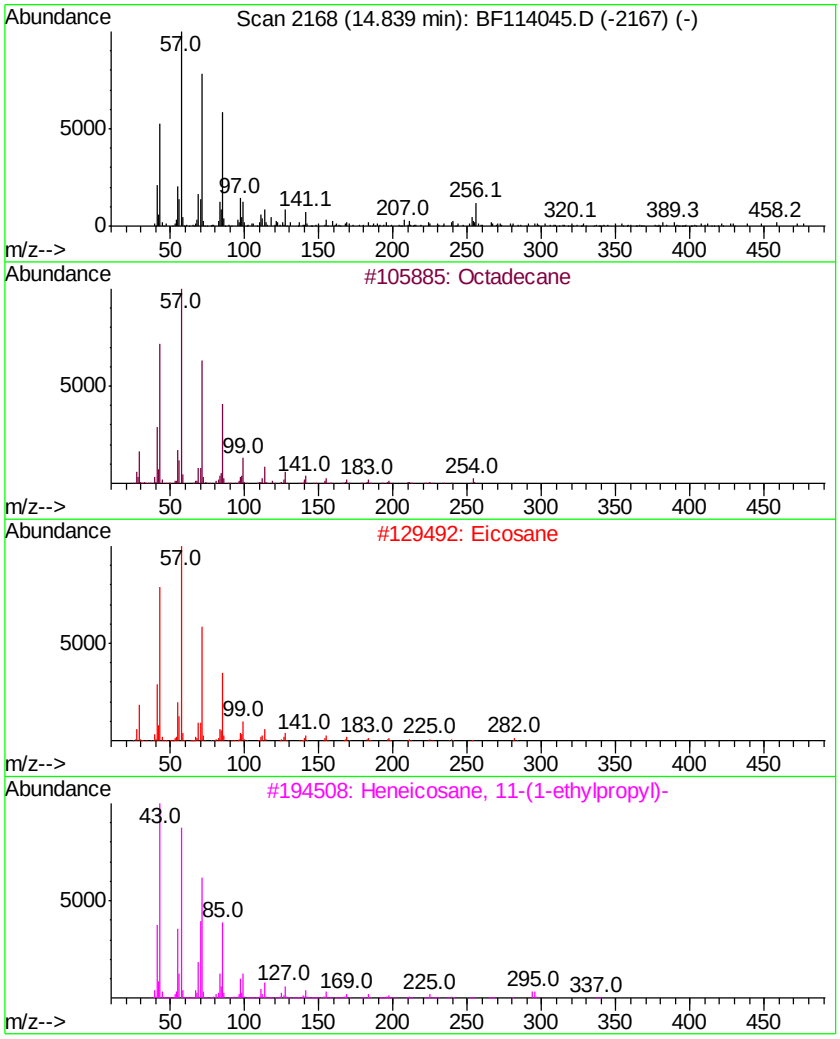
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

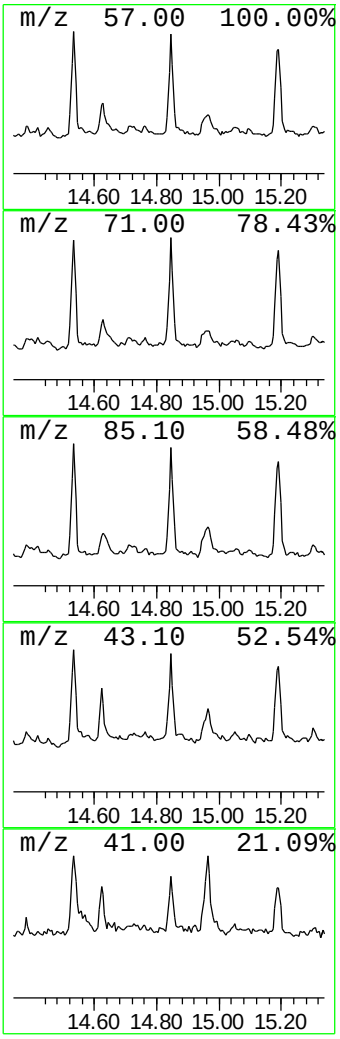
****

Peak Number 19 Octadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	9.38 ng	246097	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Eicosane	282	C20H42	000112-95-8	93
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Pentacosane	352	C25H52	000629-99-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

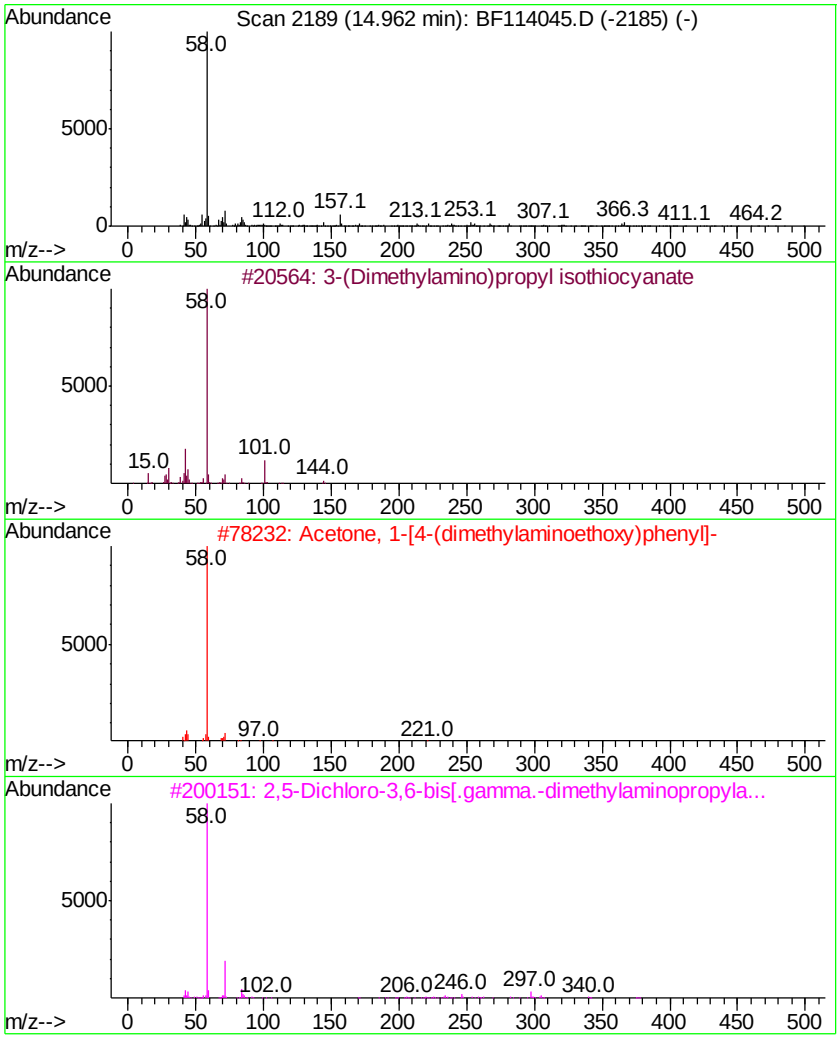
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

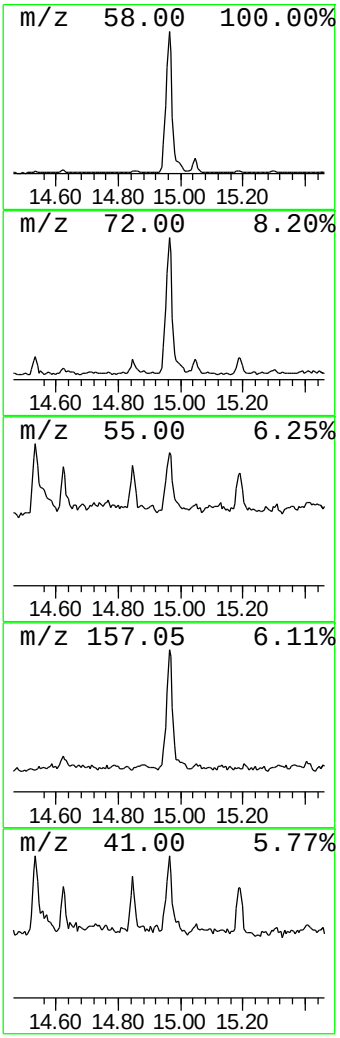
****

Peak Number 20 3-(Dimethylamino)propyl iso... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	36.02 ng	945110	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
2	Acetone, 1-[4-(dimethylaminoetho...	221	C13H19NO2	086608-11-9	64
3	2,5-Dichloro-3,6-bis[.gamma.-dim...	376	C16H26Cl2N4O2	1000255-81-0	64
4	Dimantine	297	C20H43N	000124-28-7	64
5	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF043019\
Data File : BF114045.D
Acq On : 30 Apr 2019 16:37
Operator : JU/SJ
Sample : K2194-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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
unknown6.66	6.66	34.3	ng	1176070	1	6.89	686818	20.0
Nonadecane	9.33	12.8	ng	600859	3	9.93	936881	20.0
Tetradecane	9.86	18.6	ng	872669	3	9.93	936881	20.0
Hexadecane	10.36	20.5	ng	962224	3	9.93	936881	20.0
Pentadecane, 2,6,...	10.58	13.8	ng	645974	3	9.93	936881	20.0
Heptadecane	10.83	28.3	ng	1392050	4	11.42	984276	20.0
Tridecane, 1-iodo-	11.28	15.8	ng	776229	4	11.42	984276	20.0
2-Bromotetradecane	11.31	10.9	ng	535036	4	11.42	984276	20.0
Dodecane, 2-methy...	11.70	15.0	ng	739332	4	11.42	984276	20.0
Hexadecanoic acid...	11.81	147.8	ng	7273750	4	11.42	984276	20.0
n-Hexadecanoic acid	11.94	20.0	ng	983383	4	11.42	984276	20.0
Eicosane	12.12	16.7	ng	823590	4	11.42	984276	20.0
9,12-Octadecadien...	12.52	346.2	ng	17036600	4	11.42	984276	20.0
Octadecanoic acid	12.73	10.0	ng	493484	4	11.42	984276	20.0
Methyl 5,11,14-ei...	13.16	10.6	ng	845435	5	14.06	1596070	20.0
11H-Benzo[a]fluorene	13.19	13.2	ng	1049980	5	14.06	1596070	20.0
Methyl 9-eicosenoate	13.24	20.3	ng	1616560	5	14.06	1596070	20.0
Octadecane	14.84	9.4	ng	246097	6	15.55	524793	20.0
3-(Dimethylamino)...	14.96	36.0	ng	945110	6	15.55	524793	20.0