LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112147.D
Acq On : 19 Jan 2019 1:34
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

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-BF011619.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	5.481	574	577	595	rBV	1066987	1105386	14.43%	2.834%
2	6.493	746	749	764	rBV	1316613	1260580	16.46%	3.231%
3	6.628	768	772	779	rBV	1464888	1250161	16.32%	3.205%
4	6.857	807	811	818	rBV	1647051	1477638	19.30%	3.788%
5	7.010	833	837	841	rBV	1259147	1030067	13.45%	2.640%
6	7.410	902	905	910	rBV	809427	654023	8.54%	1.677%
7	8.139	1023	1029	1032	rBV	2020028	1922959	25.11%	4.929%
8	8.728	1126	1129	1133	rBV	213312	179559	2.34%	0.460%
9	9.210	1207	1211	1217	rBV	1826686	1488368	19.44%	3.815%
10	9.292	1221	1225	1228	rBV	294074	243149	3.18%	0.623%
11	9.328	1228	1231	1235	rVB2	108029	98559	1.29%	0.253%
12	9.604	1275	1278	1282	rBV2	138796	196074	2.56%	0.503%
13	9.822	1312	1315	1320	rVB	304380	221342	2.89%	0.567%
14	9.892	1323	1327	1331	rVV	2117855	1758677	22.97%	4.508%
15	10.098	1357	1362	1366	rVB3	47882	88988	1.16%	0.228%
16	10.145	1366	1370	1374	rBV4	58147	81732	1.07%	0.210%
17	10.322	1397	1400	1403	rVB	305211	225722	2.95%	0.579%
18	10.439	1416	1420	1429	rBV2	60784	86135	1.12%	0.221%
19	10.545	1432	1438	1442	rBV	93145	144554	1.89%	0.371%
20	10.681	1458	1461	1467	rVB	554580	489869	6.40%	1.256%
21	10.792	1477	1480	1488	rVB	311271	345353	4.51%	0.885%
22	11.239	1553	1556	1559	rBV	233879	204786	2.67%	0.525%
23	11.275	1559	1562	1568	rVB	118057	138307	1.81%	0.355%
24	11.375	1576	1579	1582	rBV	1581395	1553692	20.29%	3.983%
25	11.398	1582	1583	1587	rVV	321297	279195	3.65%	0.716%
26	11.451	1590	1592	1596	rVB	108374	91623	1.20%	0.235%
27	11.669	1625	1629	1631	rBV	204019	169398	2.21%	0.434%
28	11.769	1642	1646	1649	rBV	2447054	2060054	26.90%	5.281%
29	11.910	1667	1670	1675	rVB2	66728	77270	1.01%	0.198%
30	11.992	1681	1684	1686	rBV	92022	82826	1.08%	0.212%
31	12.075	1695	1698	1703	rVB	168979	151960	1.98%	0.390%
32	12.457	1758	1763	1765	rBV	7208965	7658034	100.00%	19.630%
33	12.475	1765	1766	1772	rVB2	5453806	4221586	55.13%	10.822%
34	12.557	1777	1780	1783	rBV	1105778	850909	11.11%	2.181%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112147.D
Acq On : 19 Jan 2019 1:34
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

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-BF011619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.592	1783	1786	1790	rBV	485455	397900	5.20%	1.020%
36	12.822	1818	1825	1831	rVB	416746	556081	7.26%	1.425%
37	12.957	1845	1848	1852	rBV	1329174	1115255	14.56%	2.859%
38	13.151	1877	1881	1884	rVB2	109611	131664	1.72%	0.338%
39	13.192	1885	1888	1889	rBV	91769	96628	1.26%	0.248%
40	13.280	1901	1903	1907	rVB	97591	78891	1.03%	0.202%
41	13.533	1943	1946	1948	rBV2	93893	95679	1.25%	0.245%
42	13.863	1999	2002	2007	rVB3	116394	139477	1.82%	0.358%
43	13.951	2014	2017	2022	rBV2	107829	113193	1.48%	0.290%
44	14.021	2024	2029	2031	rVV2	1669270	1801304	23.52%	4.617%
45	14.045	2031	2033	2035	rVB	189973	146221	1.91%	0.375%
46	14.174	2053	2055	2058	rBV2	96092	90172	1.18%	0.231%
47	14.480	2105	2107	2113	rVB2	135672	133665	1.75%	0.343%
48	14.786	2157	2159	2163	rBV	138164	115186	1.50%	0.295%
49	15.063	2203	2206	2209	rBV	154400	214895	2.81%	0.551%
50	15.121	2214	2216	2222	rVB	199457	222185	2.90%	0.570%
51	15.492	2275	2279	2292	rVB2	1070731	1673999	21.86%	4.291%

Sum of corrected areas: 39010930

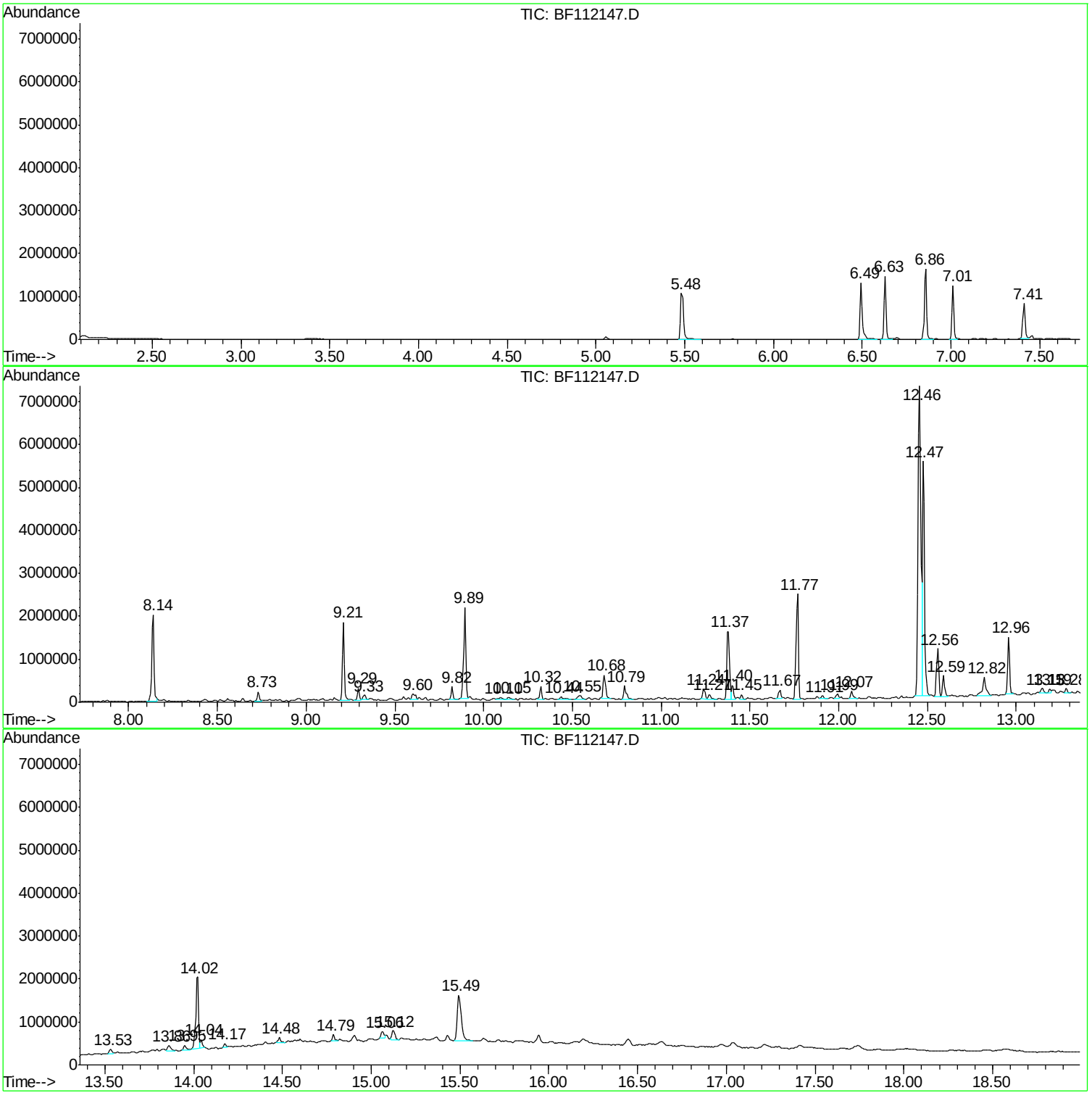
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112147.D
Acq On : 19 Jan 2019 1:34
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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\BF011819\
Data File : BF112147.D
Acq On : 19 Jan 2019 1:34
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

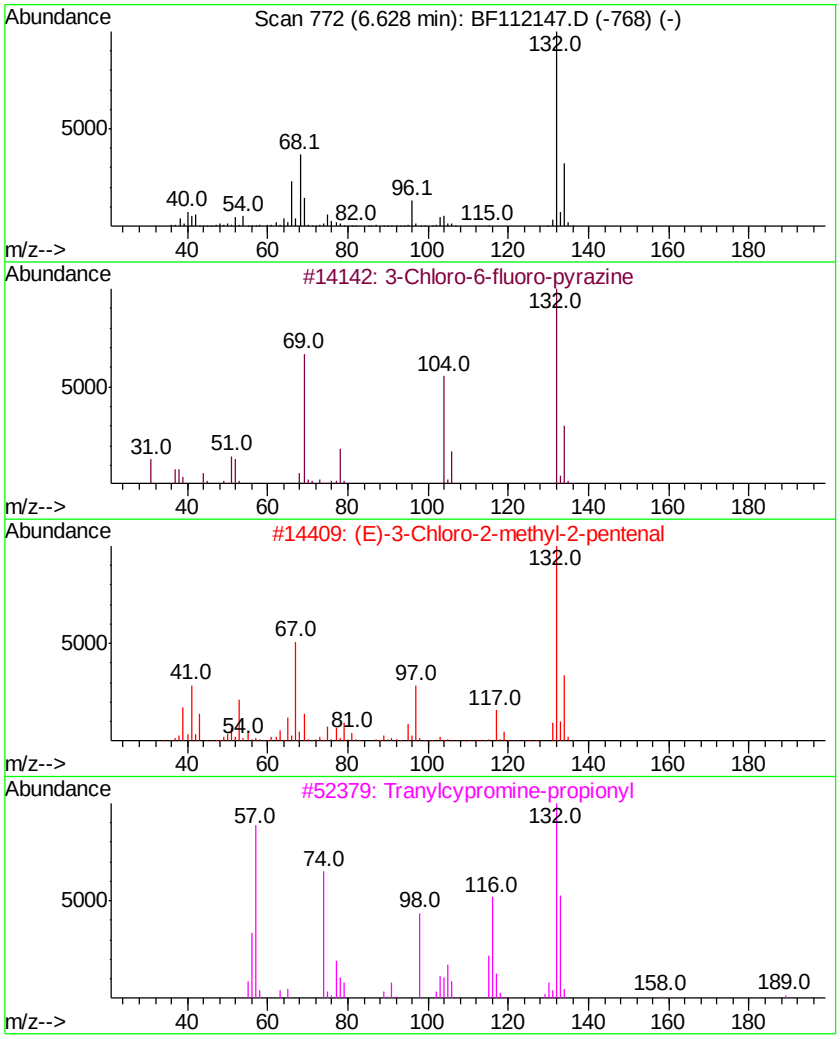
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

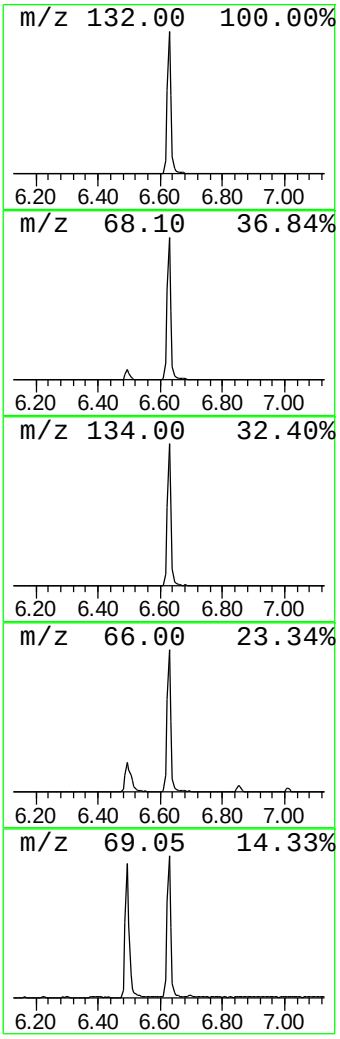
****

Peak Number 1 unknown6.63 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	16.92 ng	1250160	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112147.D
Acq On : 19 Jan 2019 1:34
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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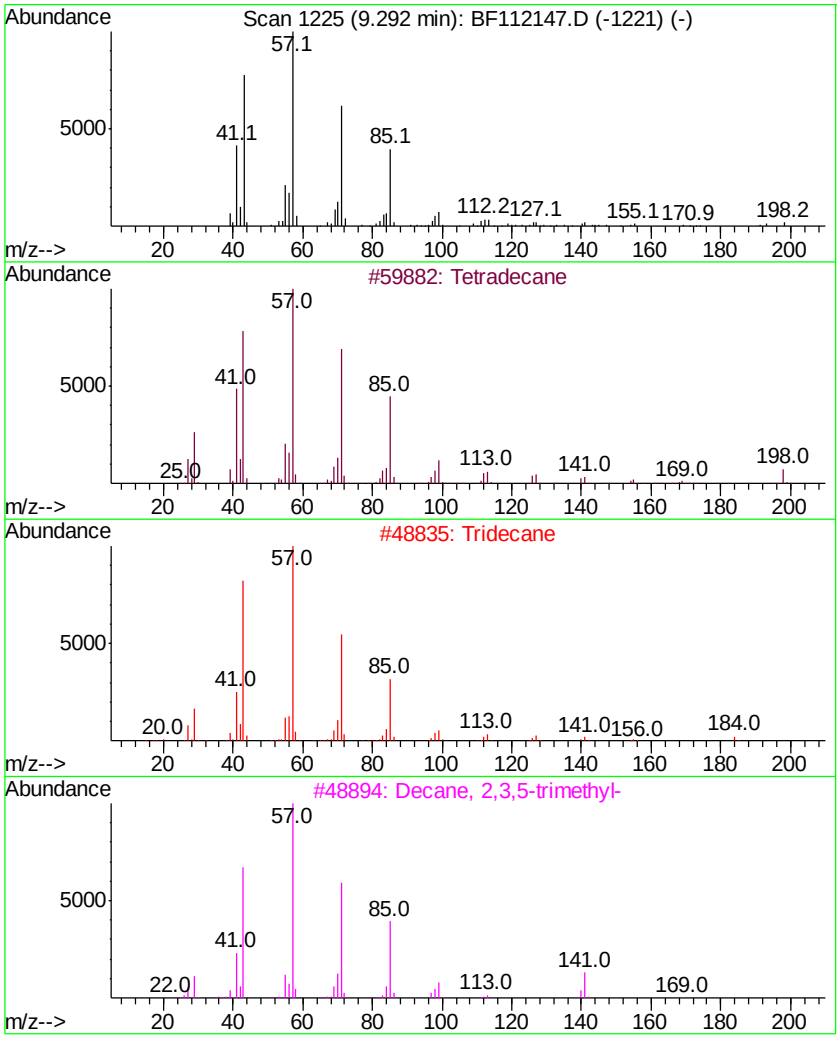
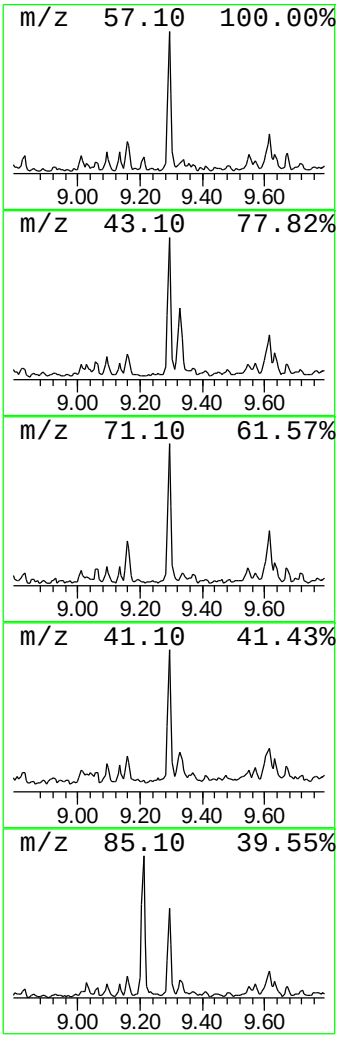
Peak Number 3 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	2.77 ng	243149	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Tridecane	184	C13H28	000629-50-5	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	10-Methylnonadecane	282	C20H42	056862-62-5	78
5	Hexadecane	226	C16H34	000544-76-3	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112147.D
Acq On : 19 Jan 2019 1:34
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

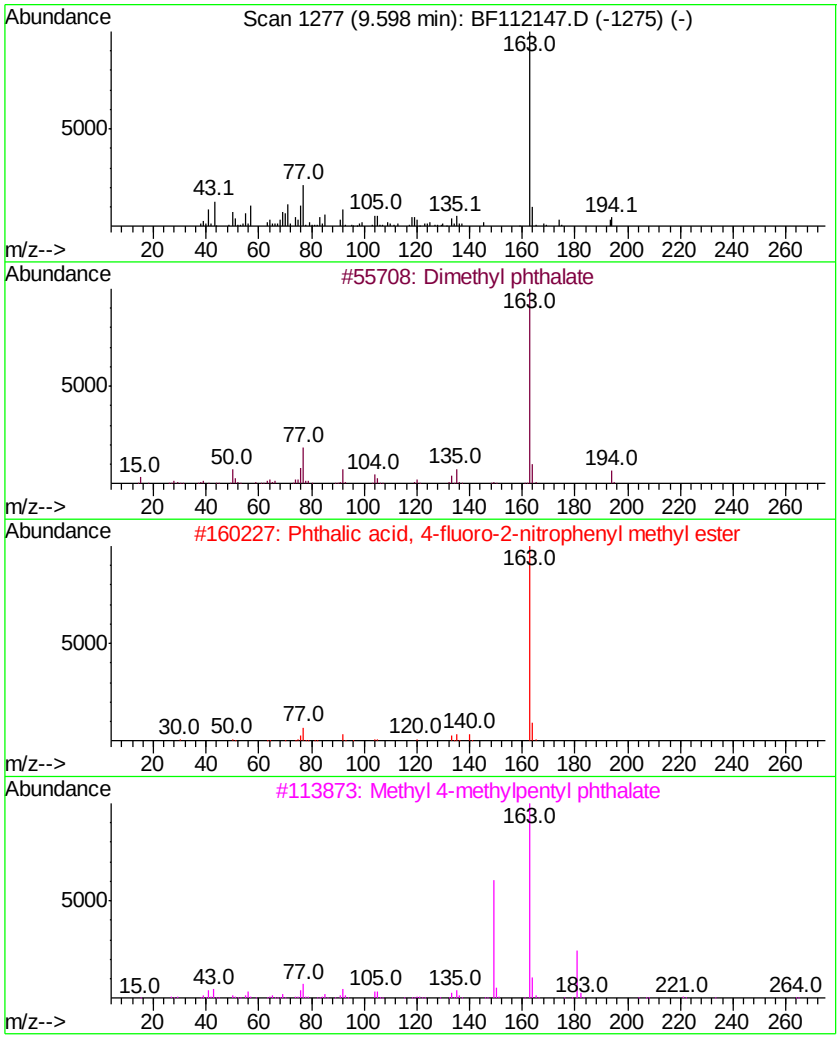
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

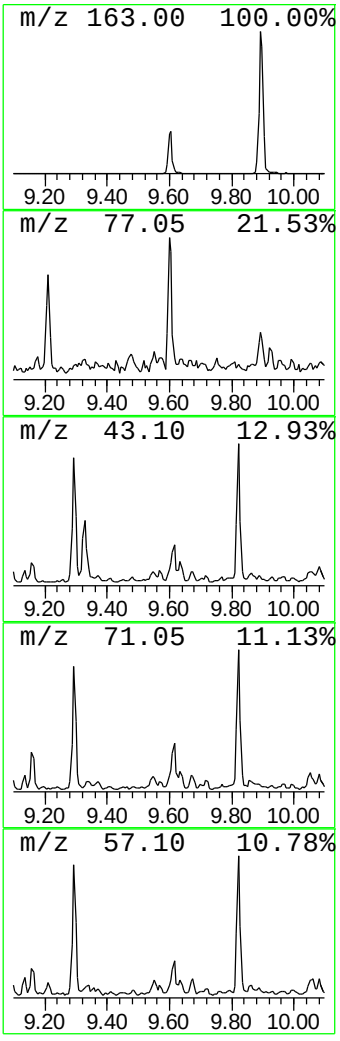
****

Peak Number 4 Dimethyl phthalate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	2.23 ng	196074	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	93
2	Phthalic acid, 4-fluoro-2-nitrop...	319	C15H10FNO6	1000315-63-4	72
3	Methyl 4-methylpentyl phthalate	264	C15H20O4	1000373-82-6	72
4	Methyl 4-methylpentan-2-yl phtha...	264	C15H20O4	1000373-82-3	72
5	2-Ethylbutyl methyl phthalate	264	C15H20O4	1000373-89-6	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
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Acq On : 19 Jan 2019 1:34
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

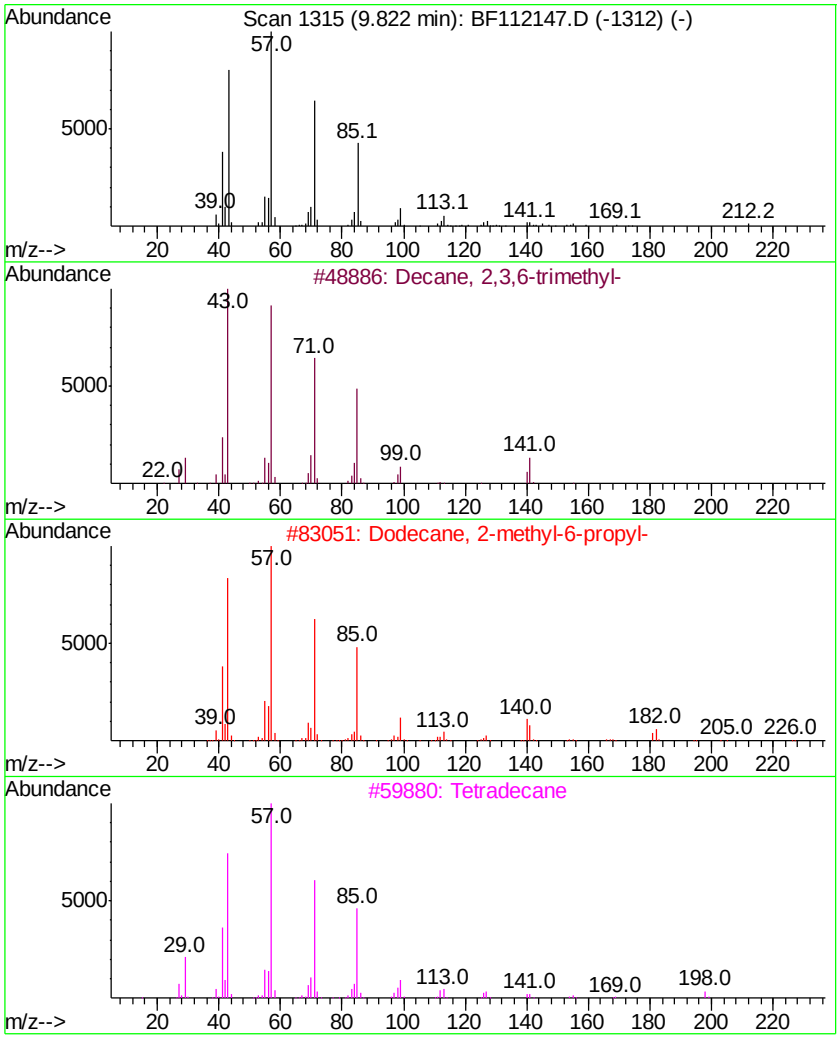
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

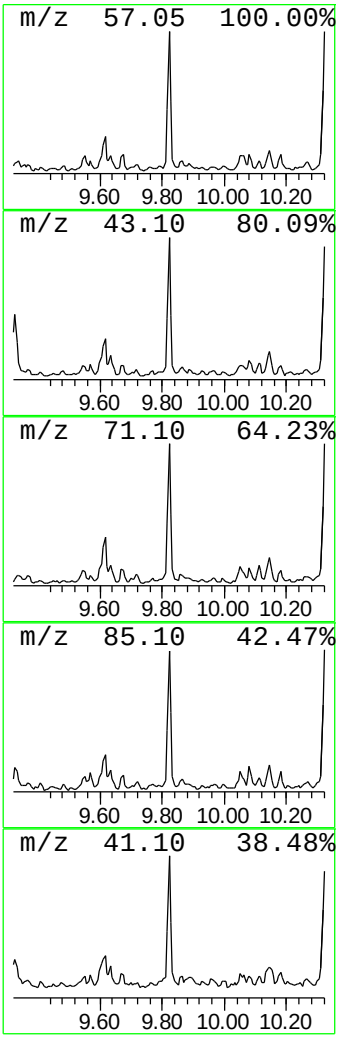
****

Peak Number 5 Decane, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	2.52 ng	221342	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	86
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Tetradecane	198	C14H30	000629-59-4	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tridecane	184	C13H28	000629-50-5	80





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Operator : JU/SJ
Sample : K1011-07 5X
Misc :
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Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

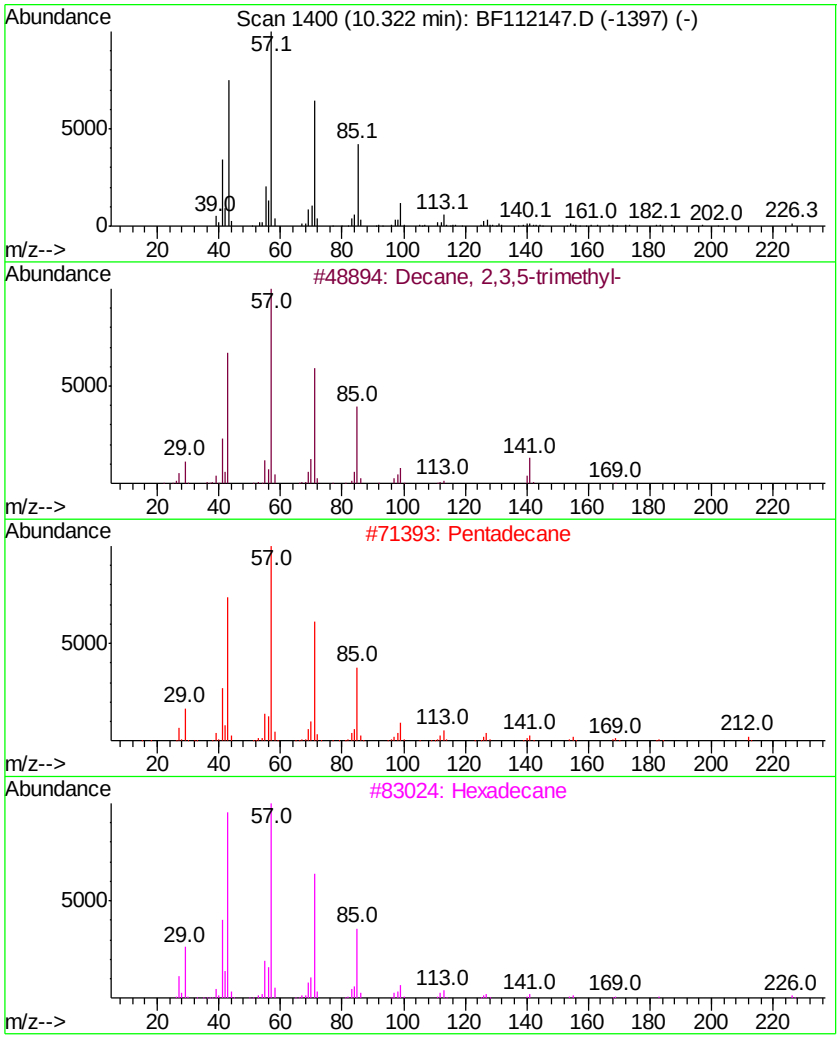
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

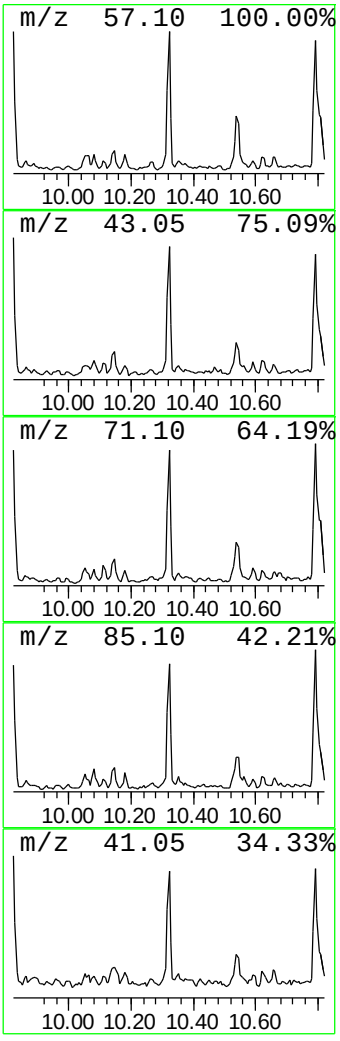
****

Peak Number 6 Decane, 2,3,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.57 ng	225722	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	72
5	Decane, 3-methyl-	156	C11H24	013151-34-3	72





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Data File : BF112147.D
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Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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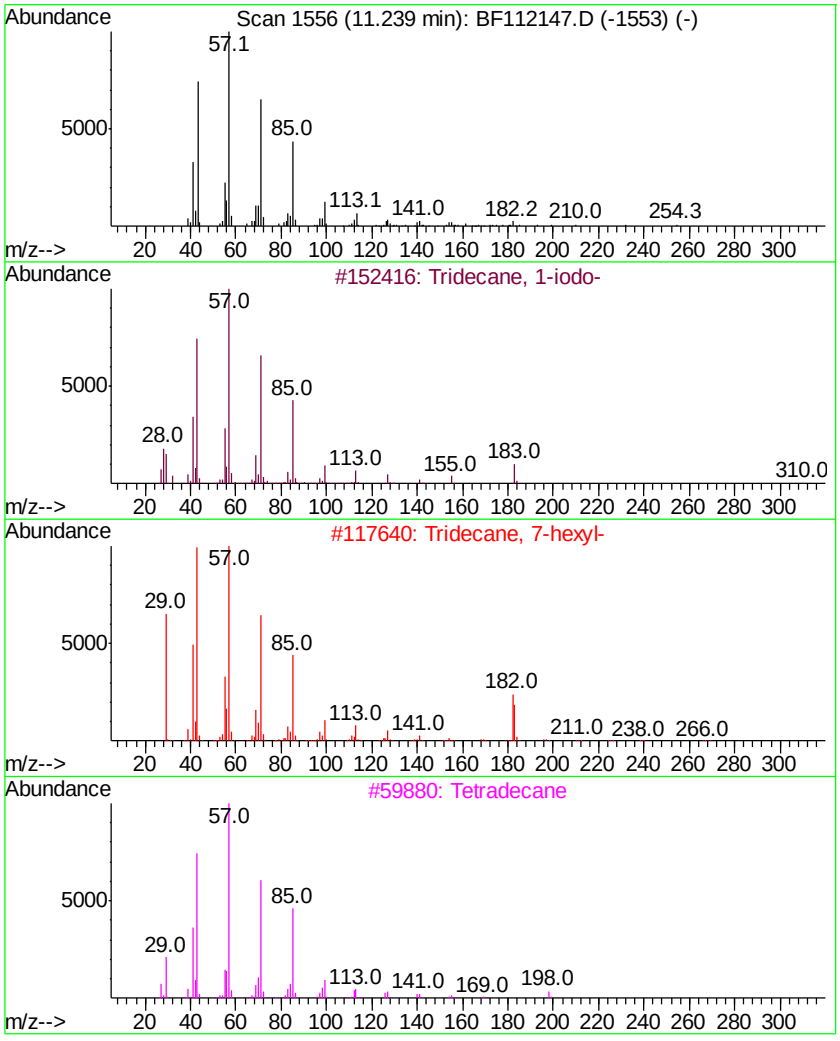
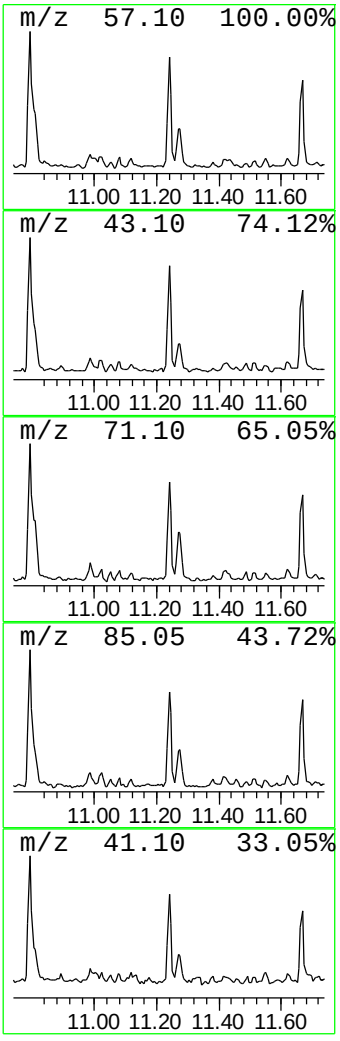
Peak Number 8 Tridecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	2.64 ng	204786	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Pentadecane	212	C15H32	000629-62-9	87
5	Eicosane	282	C20H42	000112-95-8	87





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Data File : BF112147.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

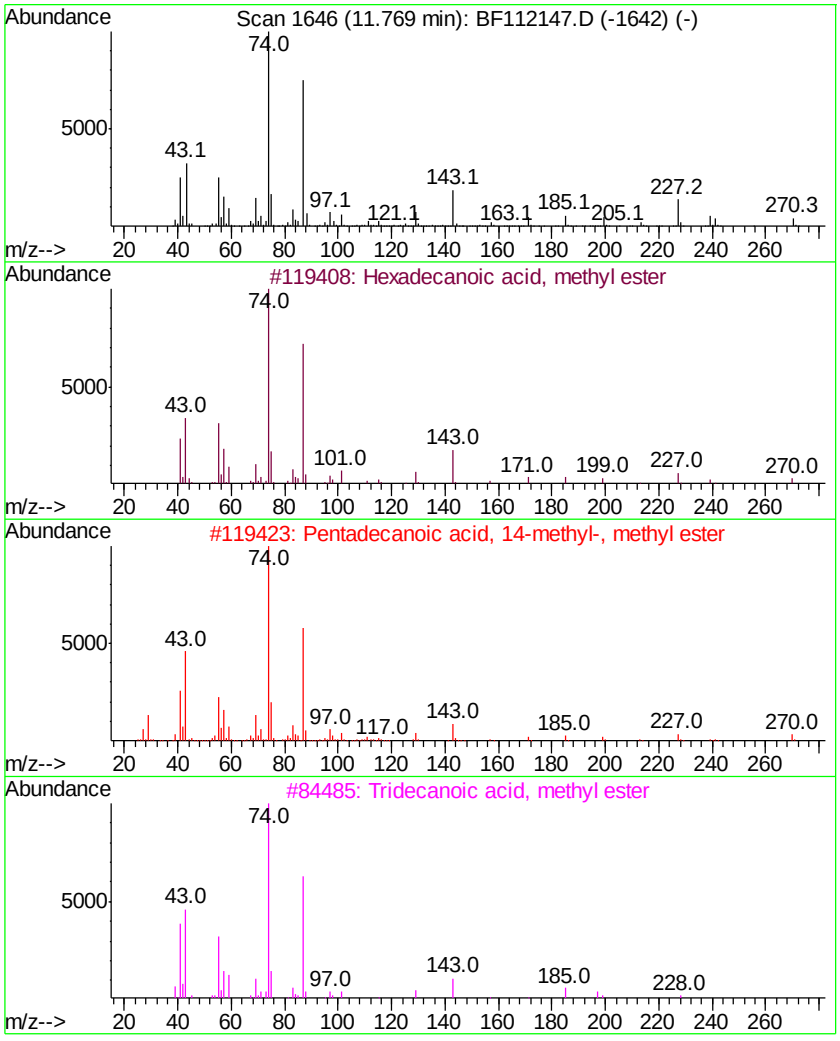
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

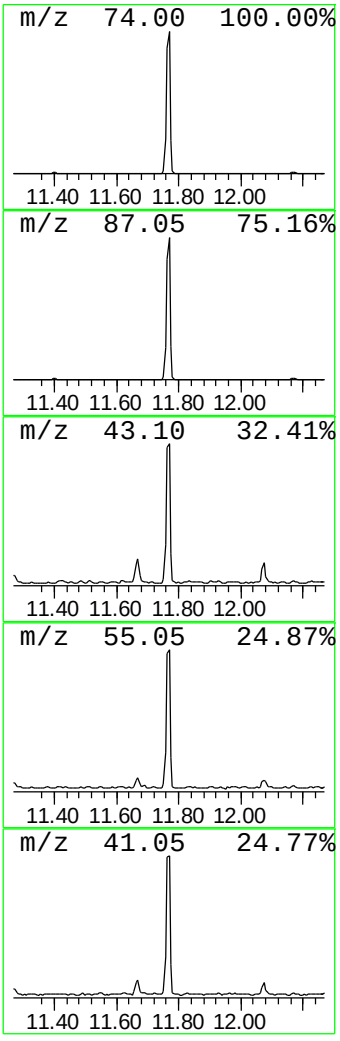
****

Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	26.52 ng	2060050	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80





Library Search Compound Report

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Data File : BF112147.D
Acq On : 19 Jan 2019 1:34
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

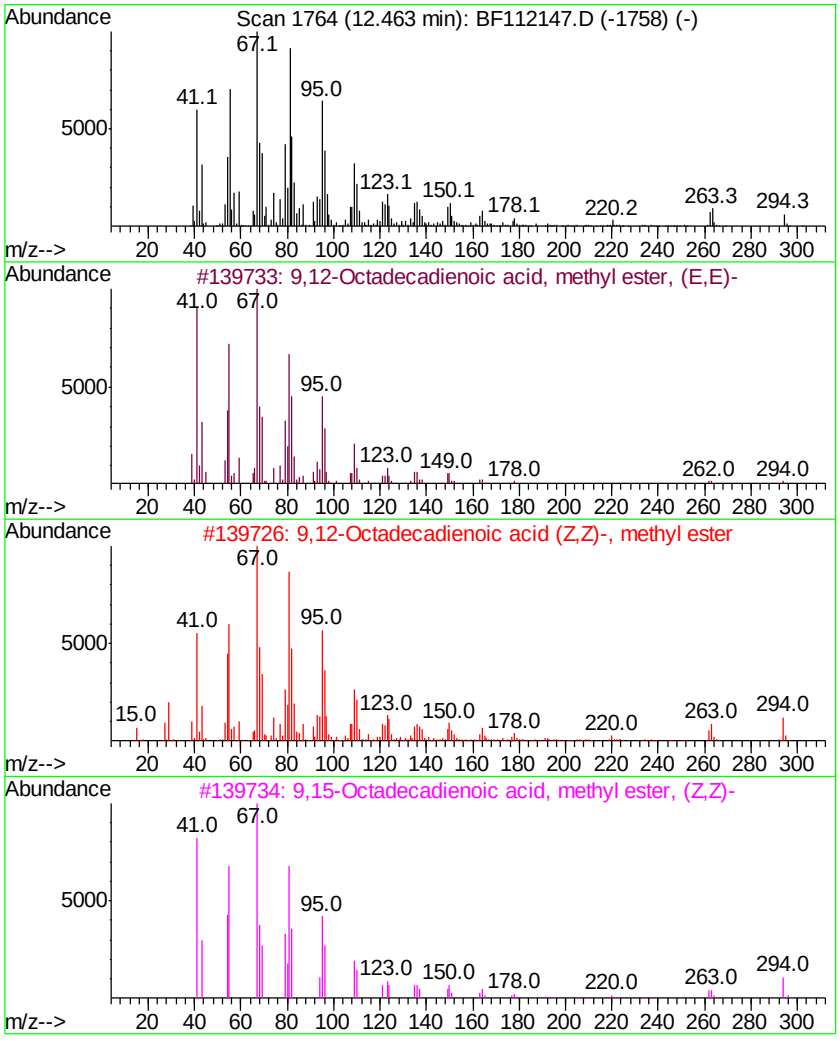
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

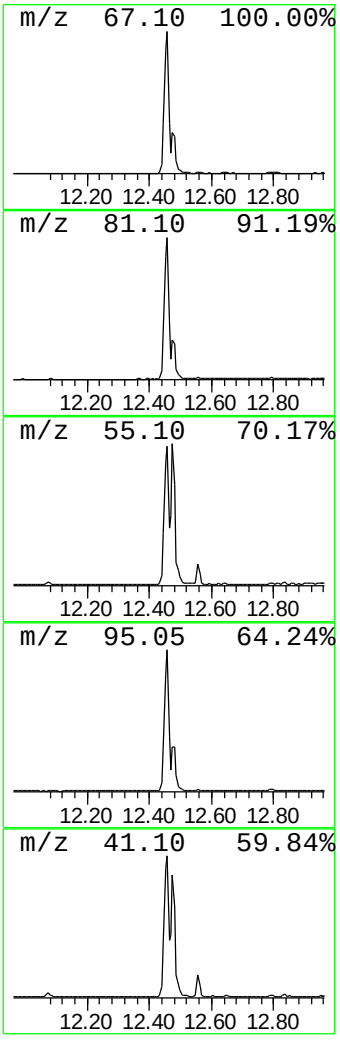
****

Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	98.58 ng	7658030	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	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\BF011819\
Data File : BF112147.D
Acq On : 19 Jan 2019 1:34
Operator : JU/SJ
Sample : K1011-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	54.34 ng	4221590	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
3	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99