LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

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-BF062119.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	5.196	550	554	558	rBV	1918460	1833915	20.87%	3.148%
2	6.237	727	731	736	rBV	2000395	1933337	22.01%	3.319%
3	6.372	750	754	758	rBV	2316237	2001250	22.78%	3.435%
4	6.607	791	794	798	rVB	1389453	1156105	13.16%	1.985%
5	6.766	817	821	824	rBV	1892504	1601738	18.23%	2.750%
6	7.166	884	889	892	rBV	1334463	1113975	12.68%	1.912%
7	7.889	1008	1012	1015	rBV	1670185	1320807	15.03%	2.267%
8	8.966	1191	1195	1206	rBV	3337884	2973979	33.85%	5.105%
9	9.360	1258	1262	1265	rBV	448819	378377	4.31%	0.650%
10	9.595	1299	1302	1304	rBV	151267	121638	1.38%	0.209%
11	9.636	1304	1309	1317	rVV	1582503	1490711	16.97%	2.559%
12	10.089	1383	1386	1389	rBV	226149	168996	1.92%	0.290%
13	10.313	1419	1424	1426	rBV	104454	127236	1.45%	0.218%
14	10.413	1435	1441	1447	rBV	2805492	2581027	29.38%	4.431%
15	10.560	1463	1466	1473	rBV	305825	326214	3.71%	0.560%
16	11.007	1539	1542	1545	rBV	275587	216743	2.47%	0.372%
17	11.036	1545	1547	1552	rVB	108789	111050	1.26%	0.191%
18	11.107	1555	1559	1562	rBV	1966246	1558666	17.74%	2.676%
19	11.430	1611	1614	1616	rBV	309268	252022	2.87%	0.433%
20	11.530	1627	1631	1634	rBV	2294476	1955213	22.26%	3.356%
21	11.660	1650	1653	1661	rBV	941101	968389	11.02%	1.662%
22	11.836	1680	1683	1688	rVB	283891	249469	2.84%	0.428%
23	12.213	1743	1747	1749	rBV	6908901	7621957	86.76%	13.084%
24	12.236	1749	1751	1757	rVV	8394801	8785369	100.00%	15.081%
25	12.319	1761	1765	1768	rVV2	1691349	1514702	17.24%	2.600%
26	12.348	1768	1770	1771	rVV	398193	388696	4.42%	0.667%
27	12.366	1771	1773	1783	rVV	1266874	1591433	18.11%	2.732%
28	12.442	1783	1786	1793	rVB	609952	648498	7.38%	1.113%
29	12.530	1798	1801	1802	rVV2	166822	167456	1.91%	0.287%
30	12.548	1802	1804	1809	rVB	312741	306825	3.49%	0.527%
31	12.595	1809	1812	1817	rBV	227404	223306	2.54%	0.383%
32	12.695	1824	1829	1832	rBV	5061304	4685480	53.33%	8.043%
33	12.801	1844	1847	1849	rBV2	98363	88058	1.00%	0.151%
34	12.871	1856	1859	1861	rBV2	357689	325875	3.71%	0.559%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.960	1869	1874	1877	rVB3	329776	472937	5.38%	0.812%
36	13.036	1884	1887	1891	rBV	275575	259090	2.95%	0.445%
37	13.289	1927	1930	1932	rBV	221385	193202	2.20%	0.332%
38	13.454	1955	1958	1964	rVB5	66057	95658	1.09%	0.164%
39	13.613	1982	1985	1990	rVB	186886	172744	1.97%	0.297%
40	13.724	1997	2004	2007	rBV	2072279	2186339	24.89%	3.753%
41	13.930	2036	2039	2042	rBV	240474	180003	2.05%	0.309%
42	14.236	2088	2091	2093	rBV	280883	259712	2.96%	0.446%
43	14.524	2137	2140	2144	rBV	358171	368686	4.20%	0.633%
44	14.824	2188	2191	2196	rVB	332004	365564	4.16%	0.628%
45	15.089	2231	2236	2242	rVV	1472674	1666430	18.97%	2.861%
46	15.160	2245	2248	2256	rVB	308591	415159	4.73%	0.713%
47	15.548	2310	2314	2326	rVB2	284841	554000	6.31%	0.951%
48	15.983	2385	2388	2395	rVB2	180747	277143	3.15%	0.476%

Sum of corrected areas: 58255179

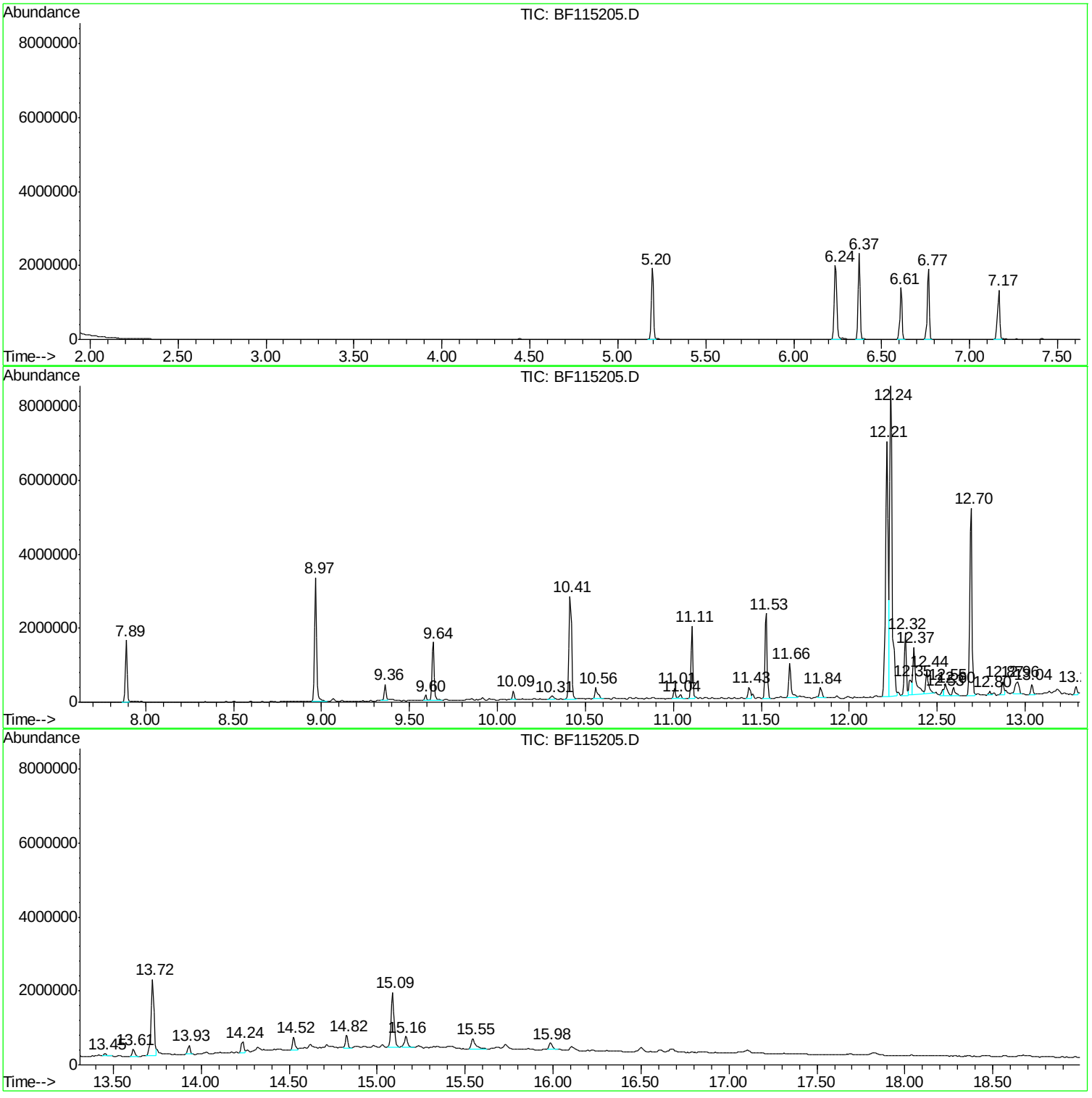
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

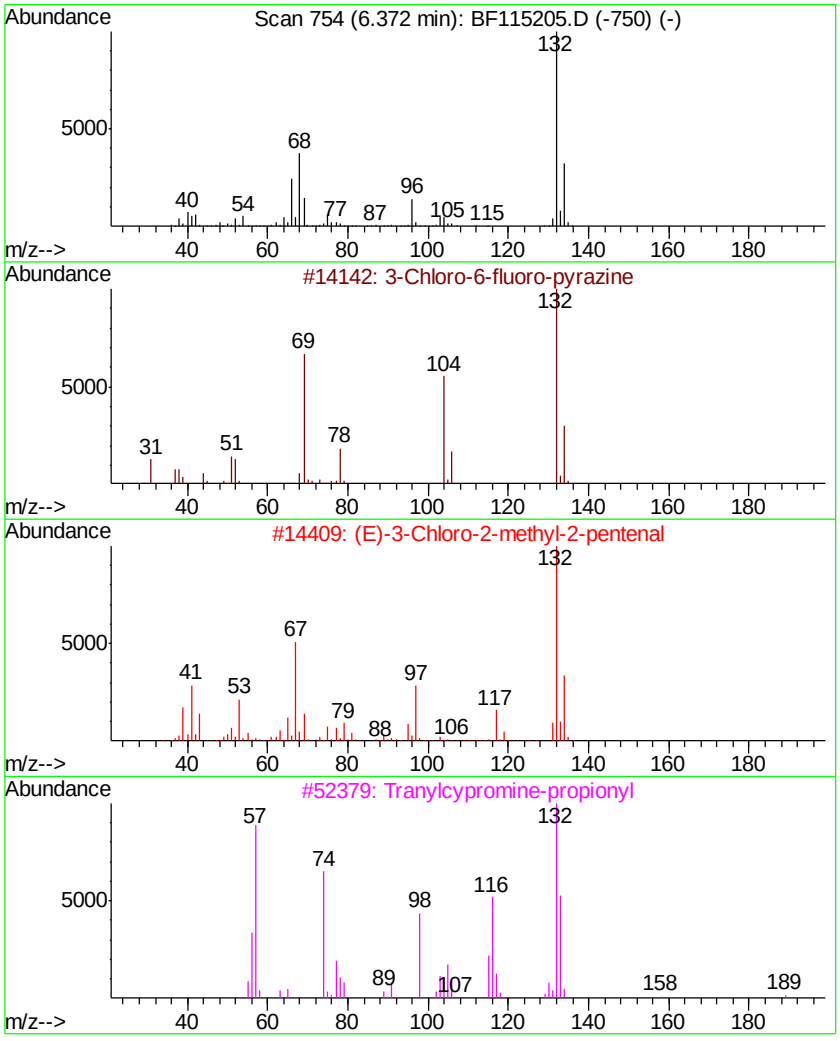
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

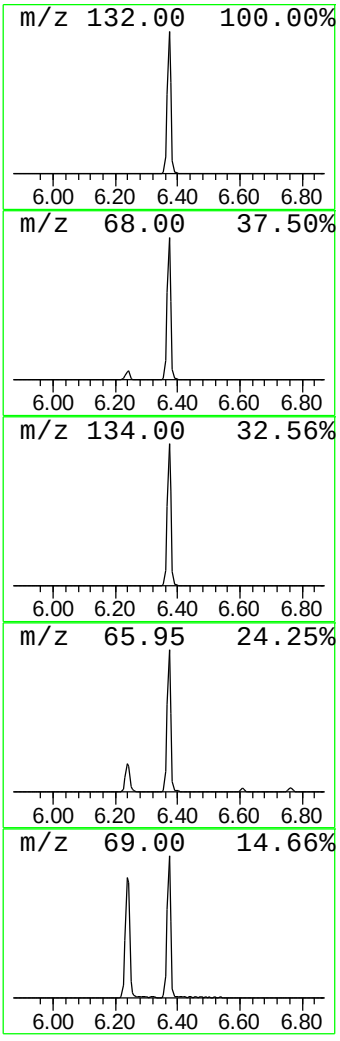
****

Peak Number 1 unknown6.37 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	34.62 ng	2001250	1,4-Dichlorobenzene-d4	6.61

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	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	Amphetaminil	250	C17H18N2	017590-01-1	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

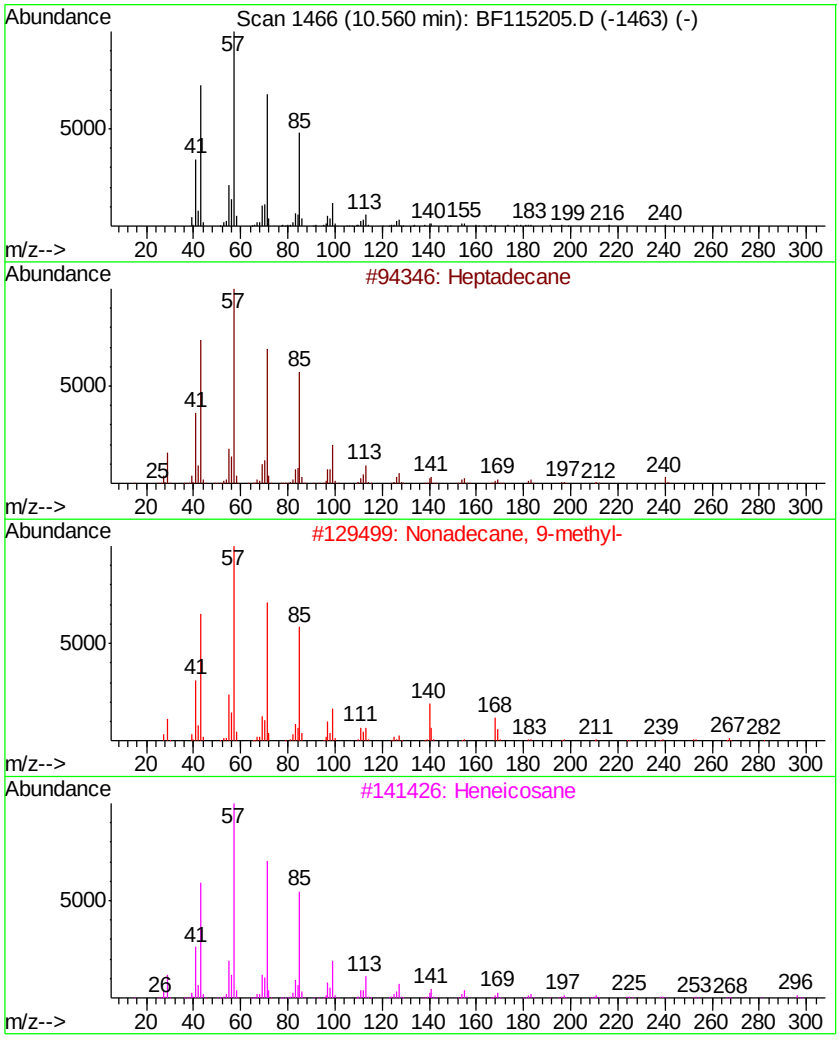
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

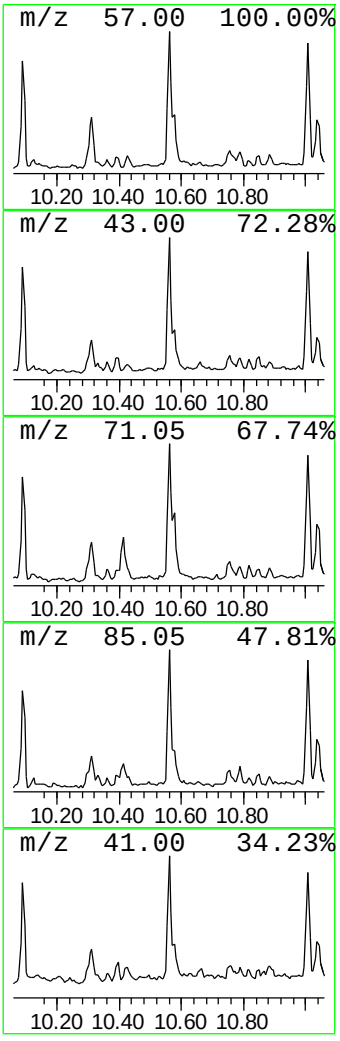
****

Peak Number 3 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	4.19 ng	326214	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

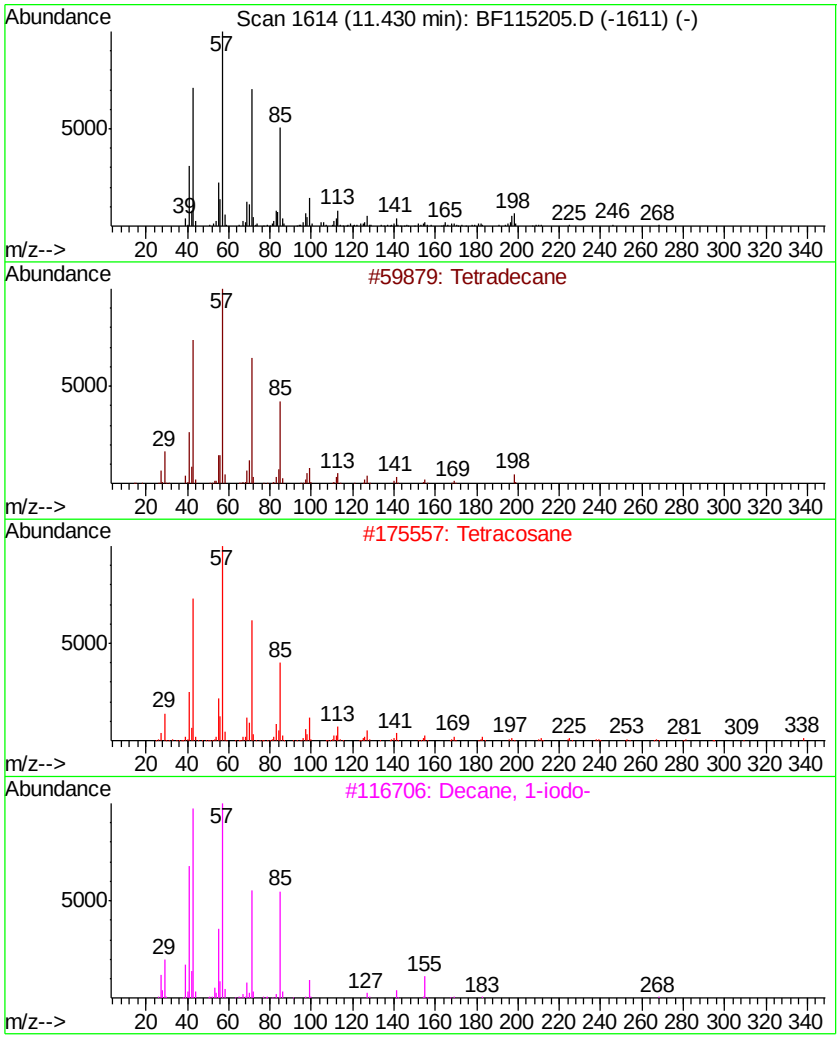
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

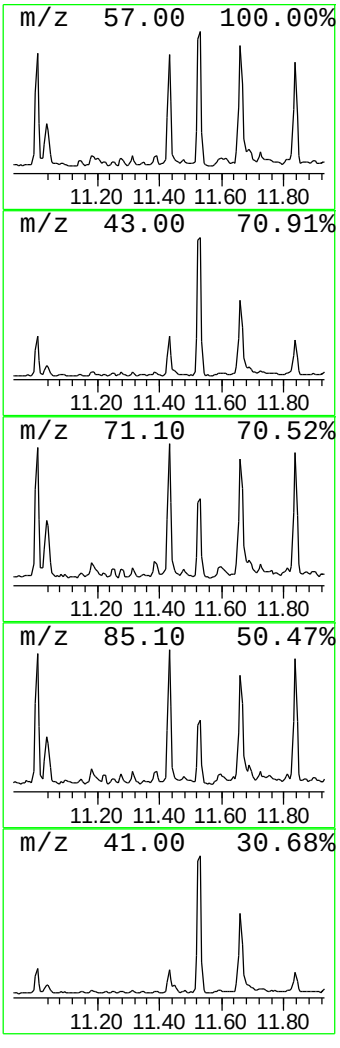
****

Peak Number 4 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	3.23 ng	252022	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	98
2	Tetracosane	338	C24H50	000646-31-1	87
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Octacosane	394	C28H58	000630-02-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

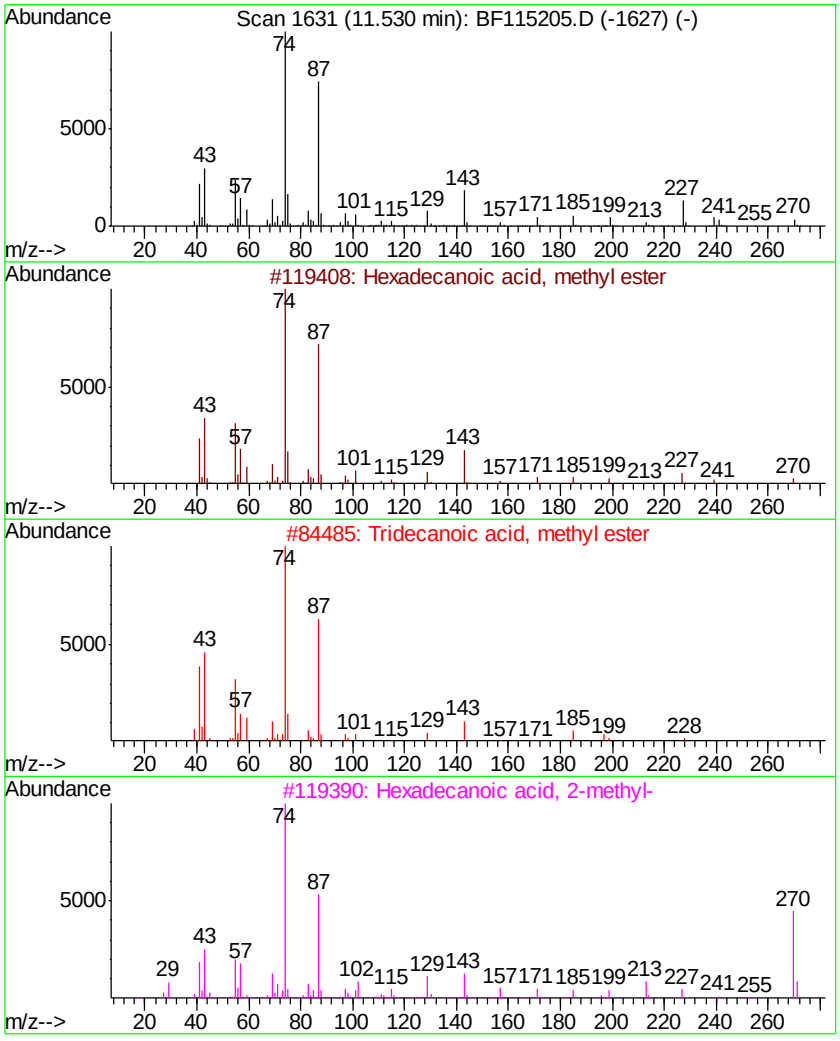
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

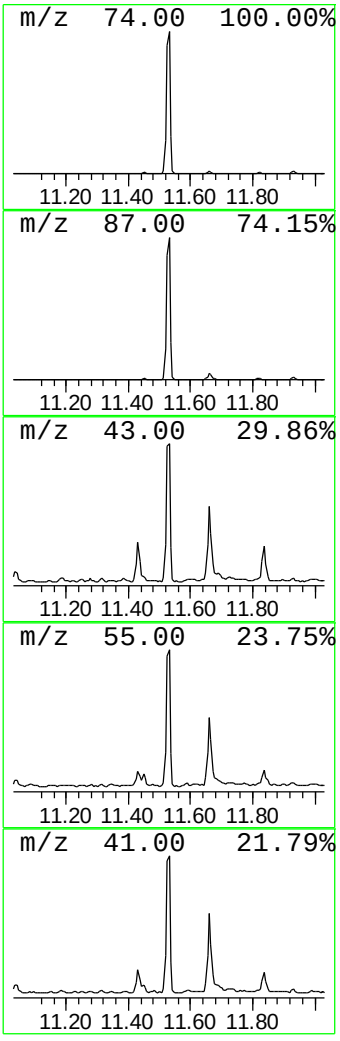
****

Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	25.09 ng	1955210	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	86
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

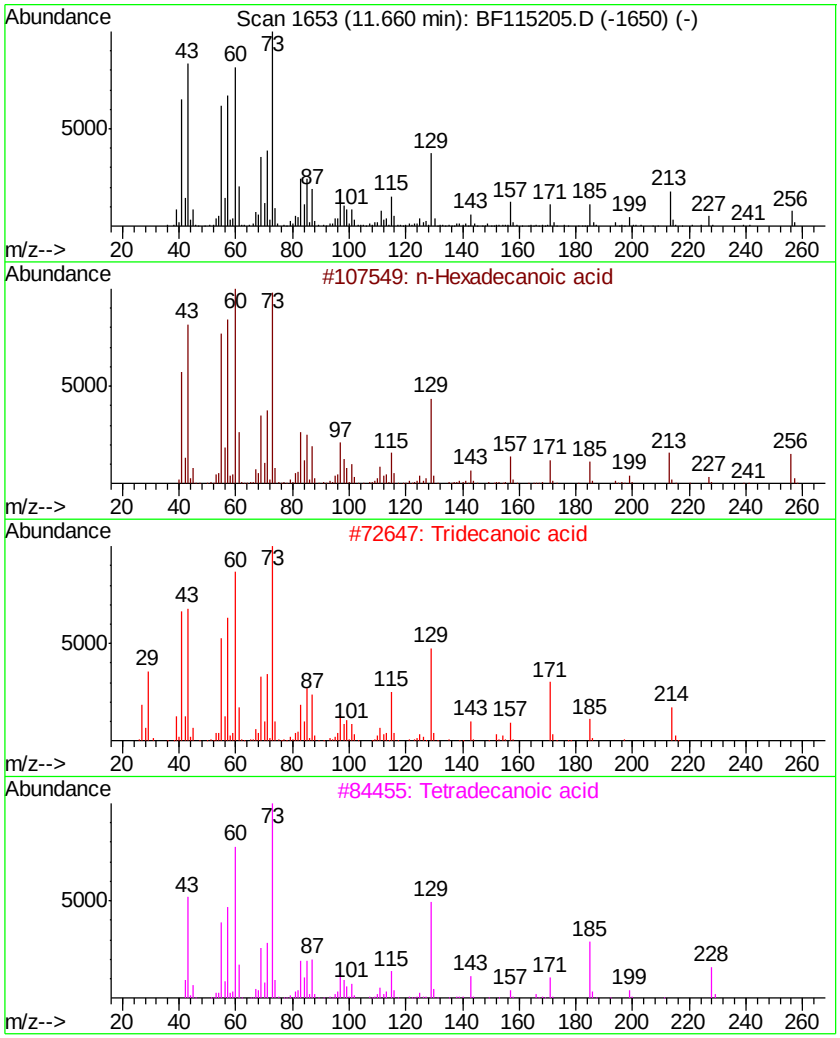
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

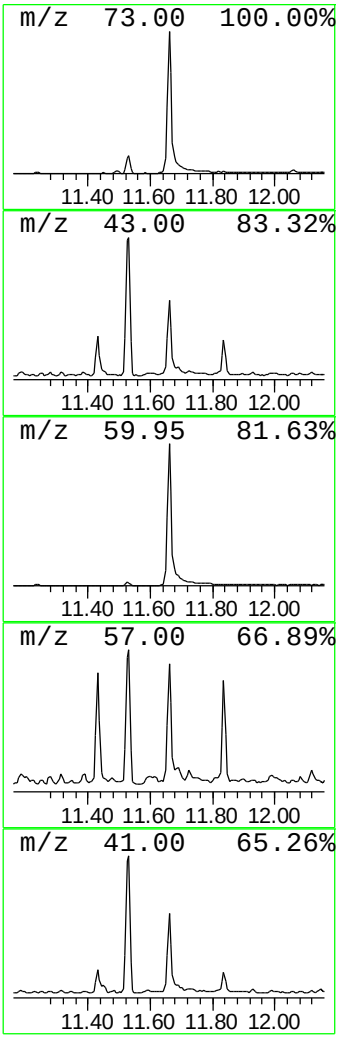
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	12.43 ng	968389	Phenanthrene-d10	11.11

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	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

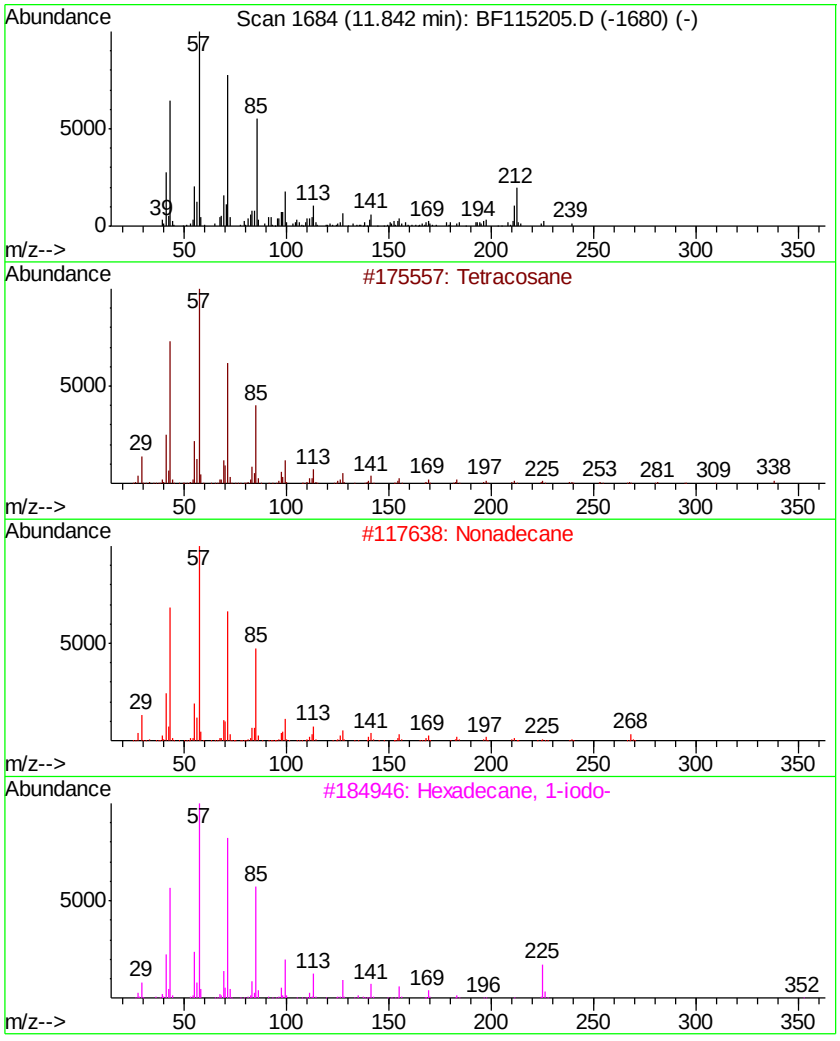
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

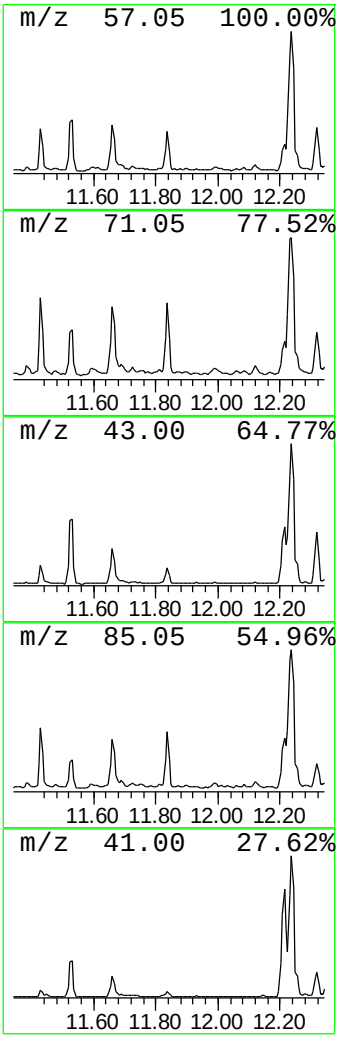
****

Peak Number 7 Tetracosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	3.20 ng	249469	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Nonadecane	268	C19H40	000629-92-5	87
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

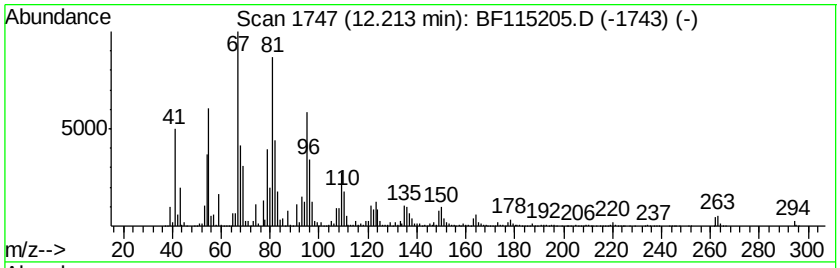
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

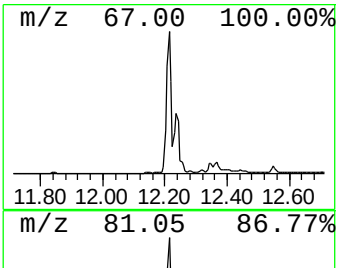
****

Peak Number 8 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	97.80 ng	7621960	Phenanthrene-d10	11.11

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, methy...	294	C19H34O2	002462-85-3	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	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\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

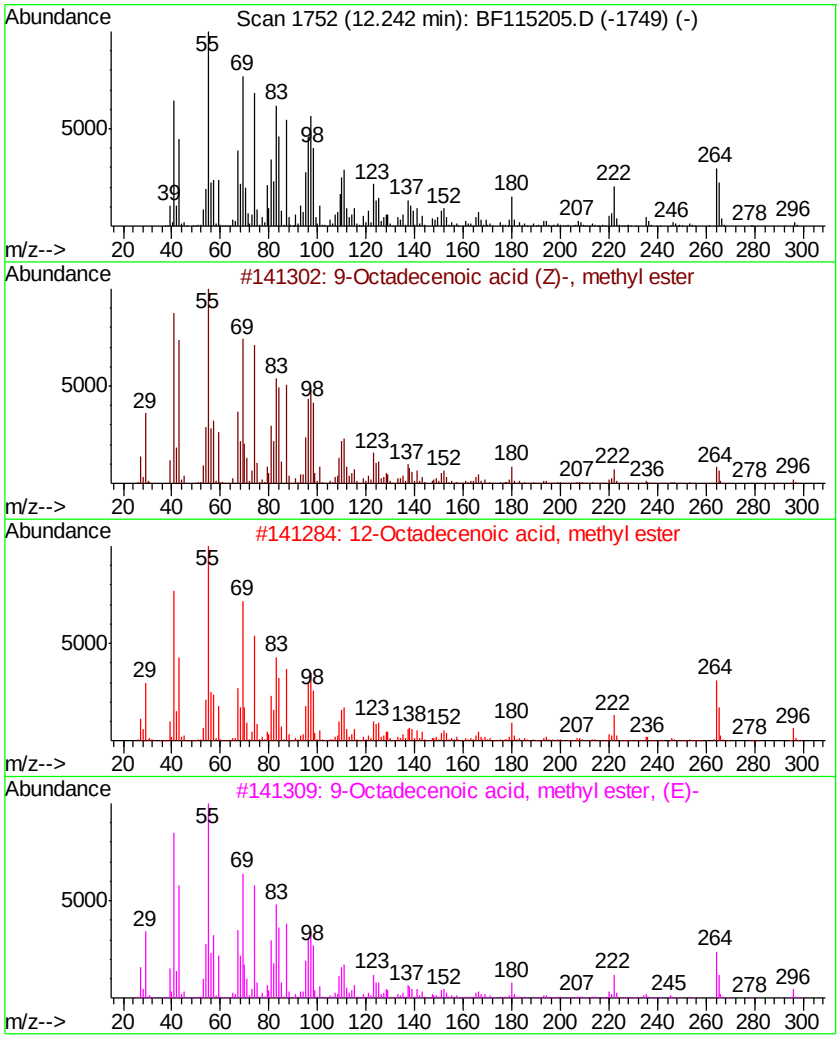
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

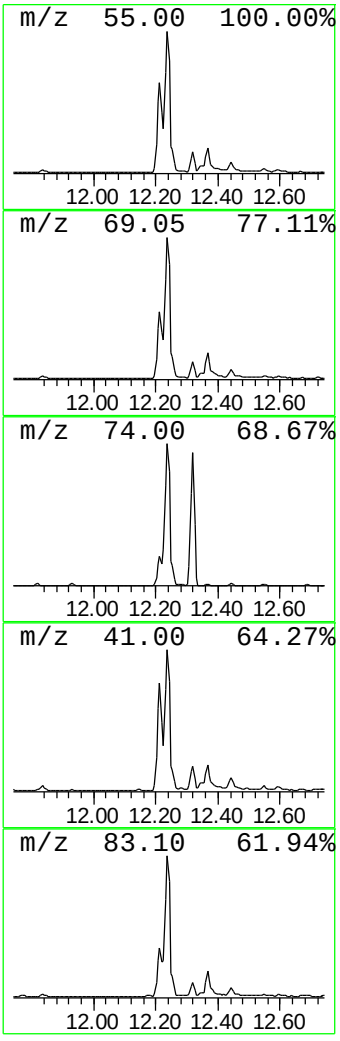
****

Peak Number 9 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	112.73 ng	8785370	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

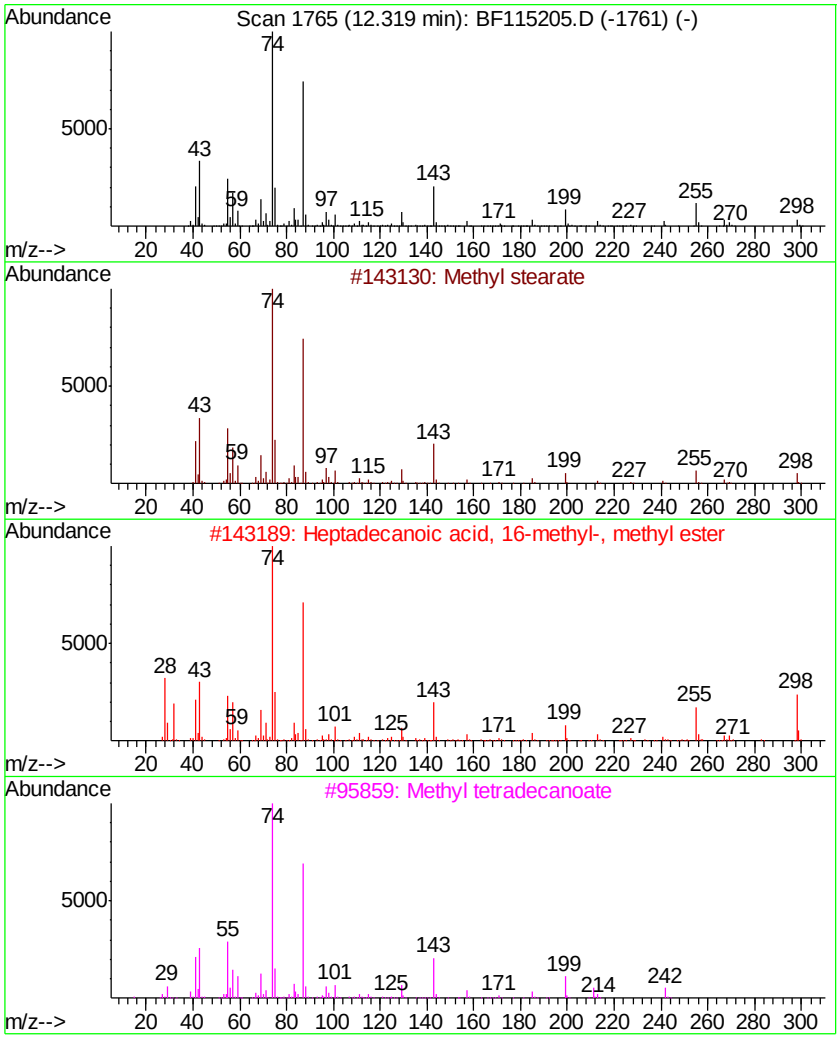
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

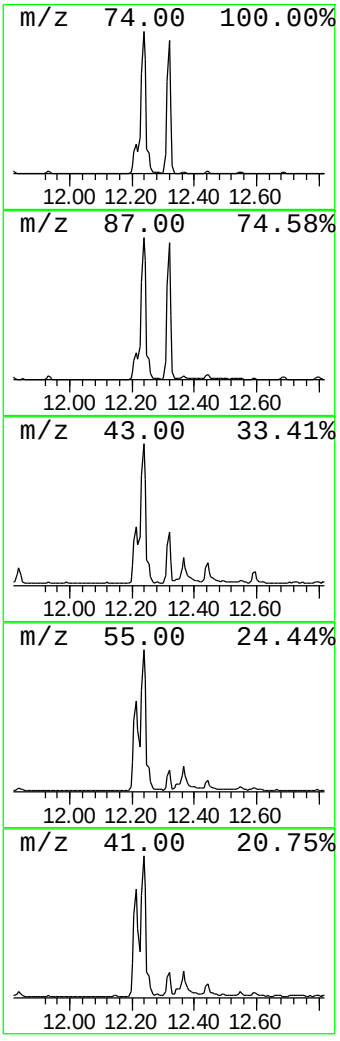
****

Peak Number 10 Methyl stearate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	19.44 ng	1514700	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

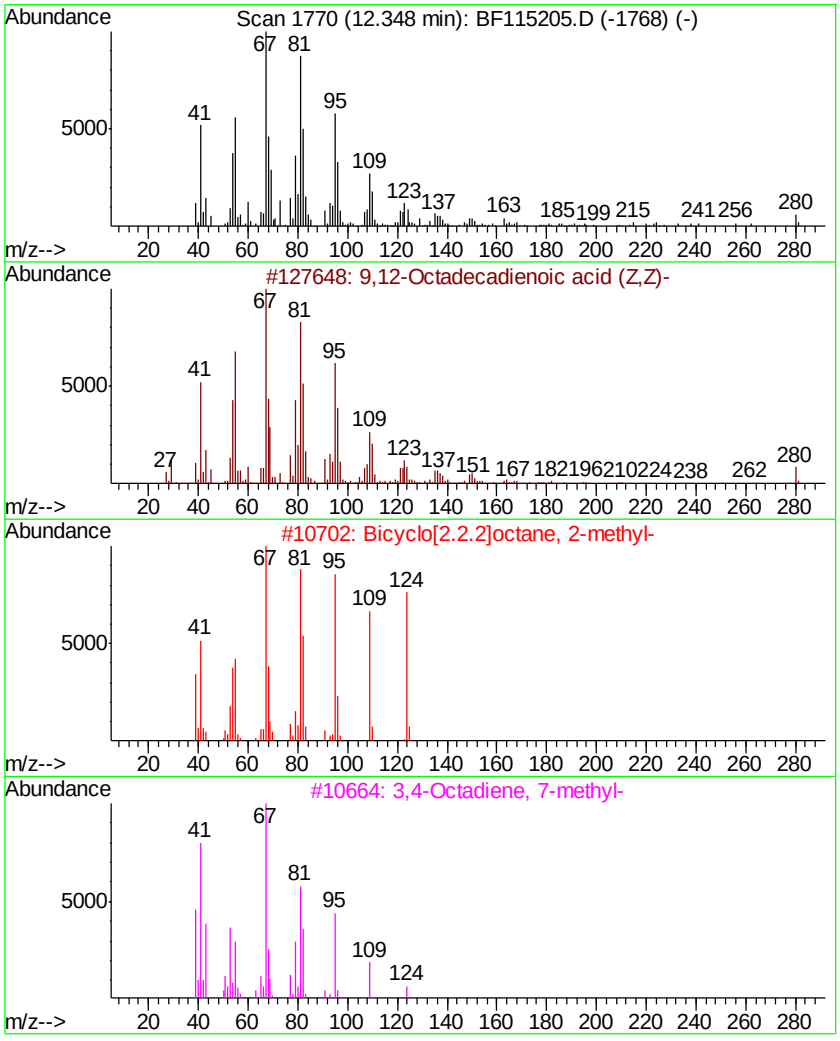
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

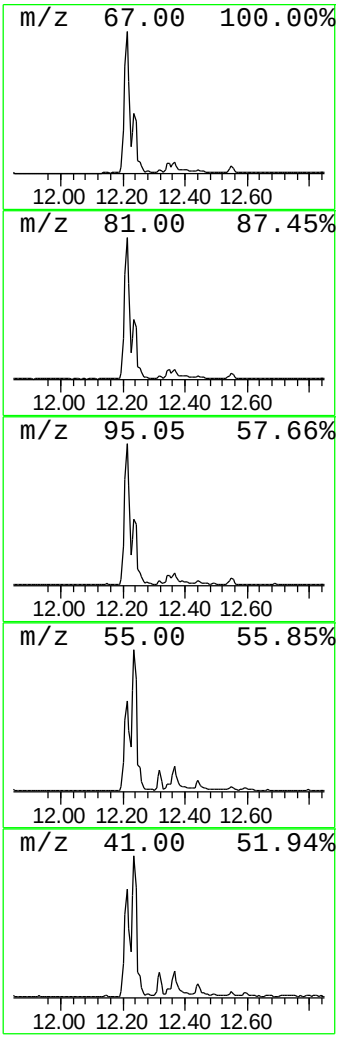
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	4.99 ng	388696	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	87
3	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	81
4	Cyclodecene	138	C10H18	003618-12-0	76
5	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

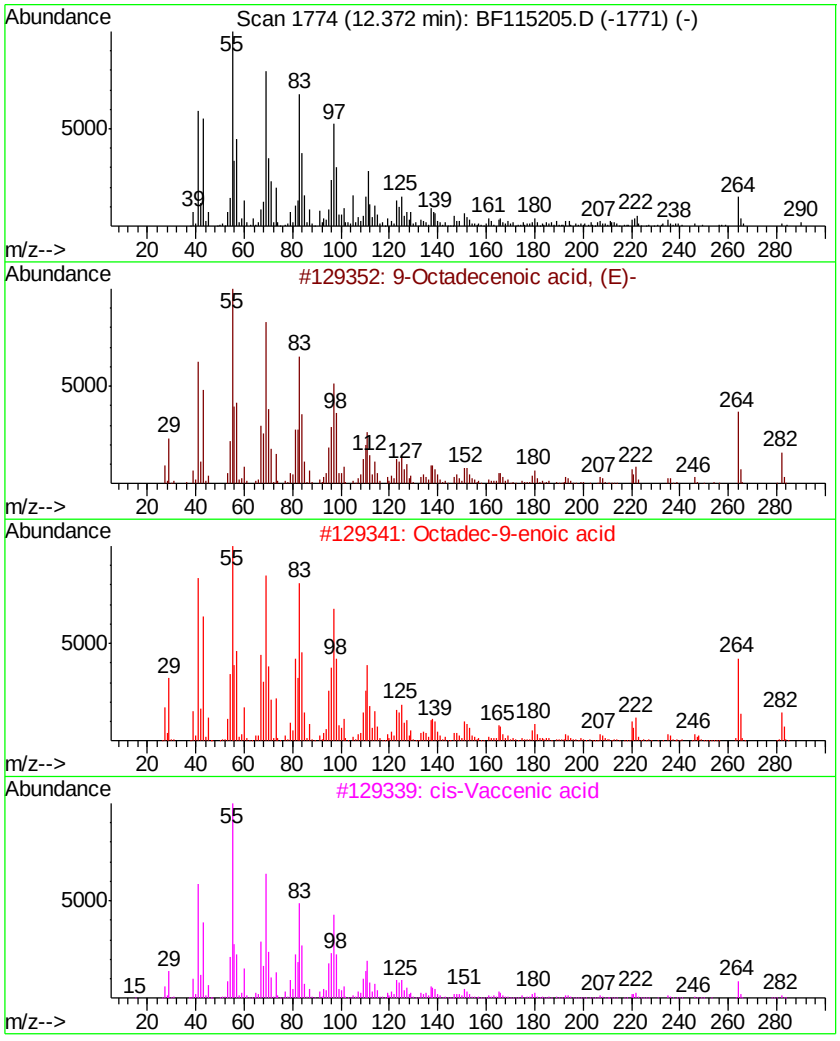
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

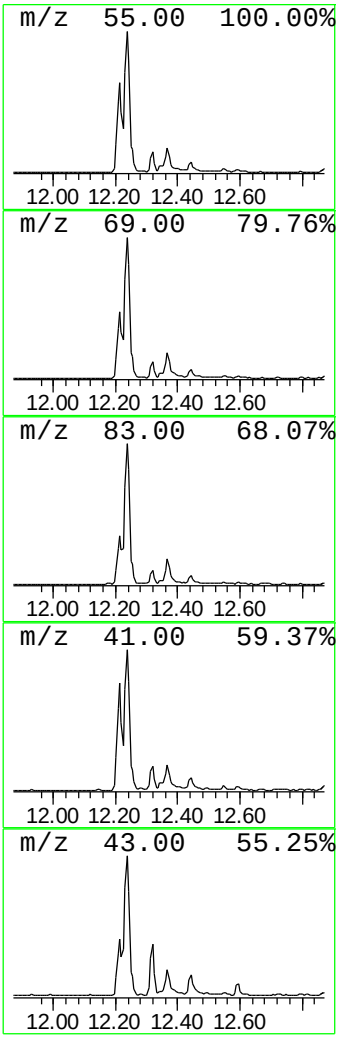
****

Peak Number 12 9-Octadecenoic acid, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	20.42 ng	1591430	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	99
2	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	99
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	98
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	96
5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

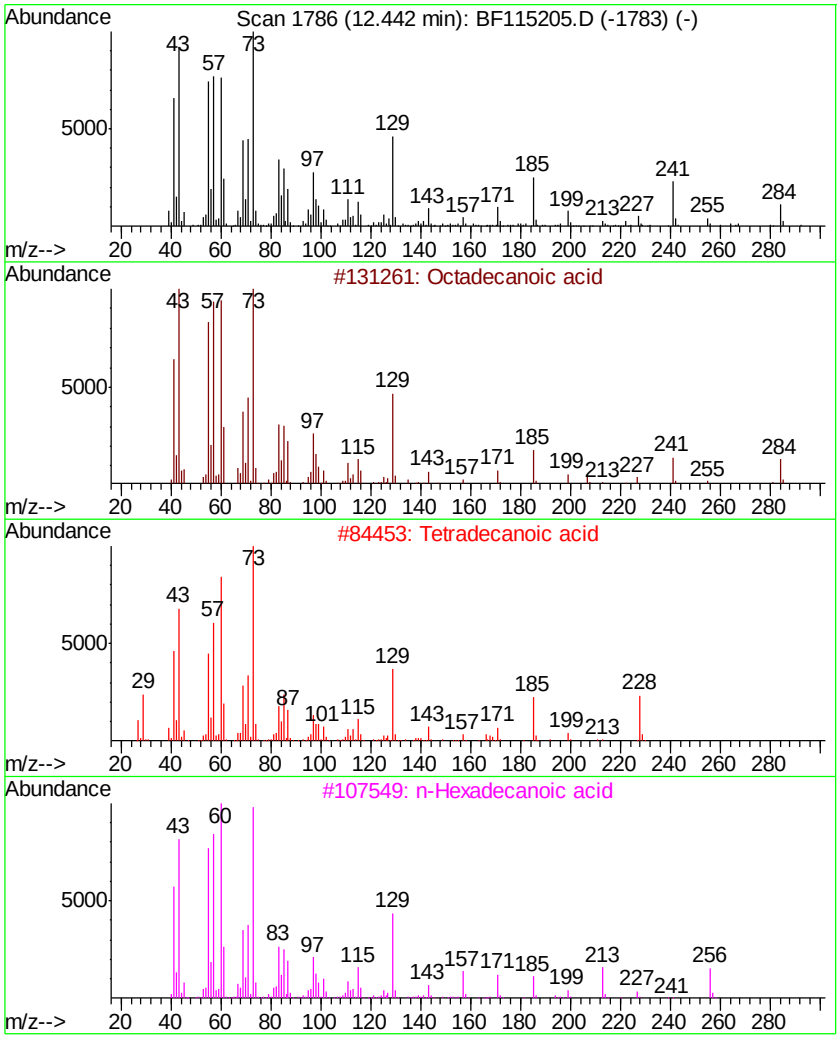
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

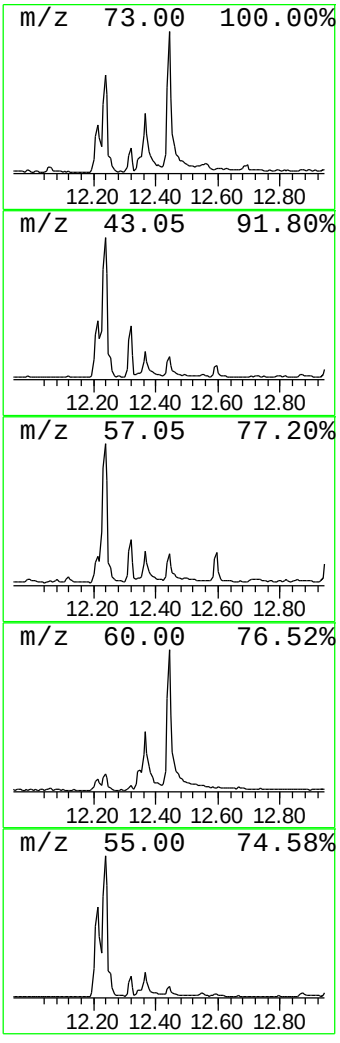
****

Peak Number 13 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	5.93 ng	648498	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

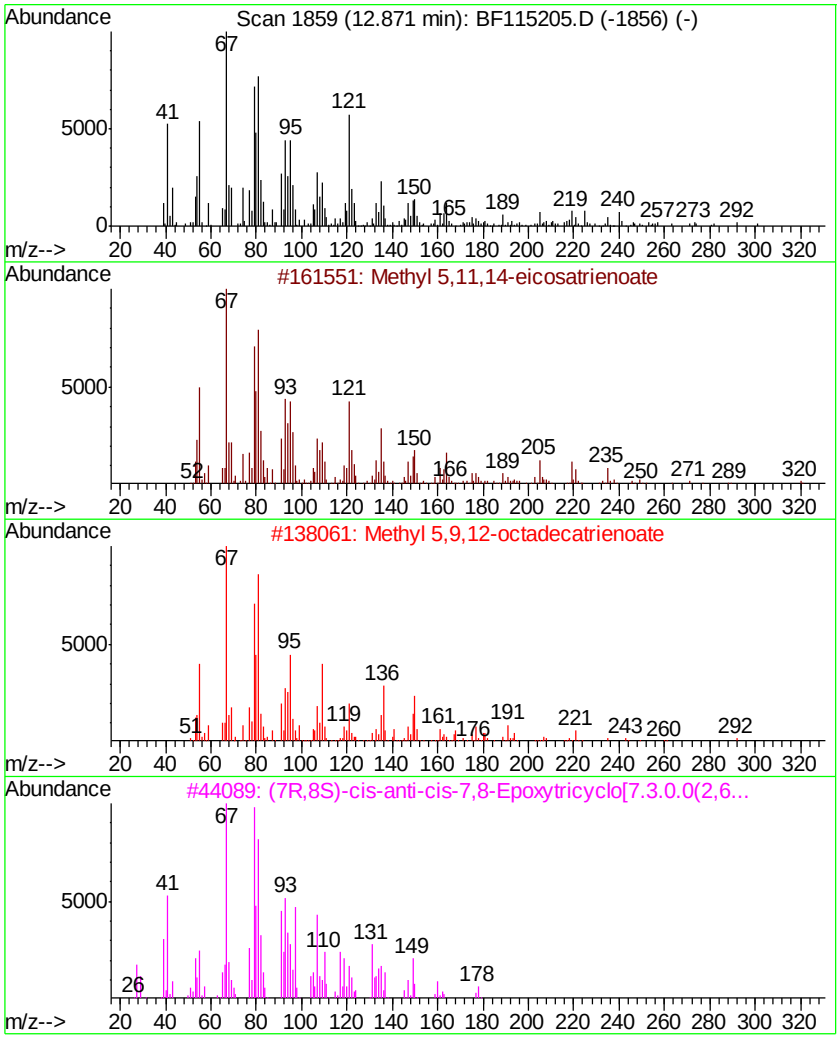
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

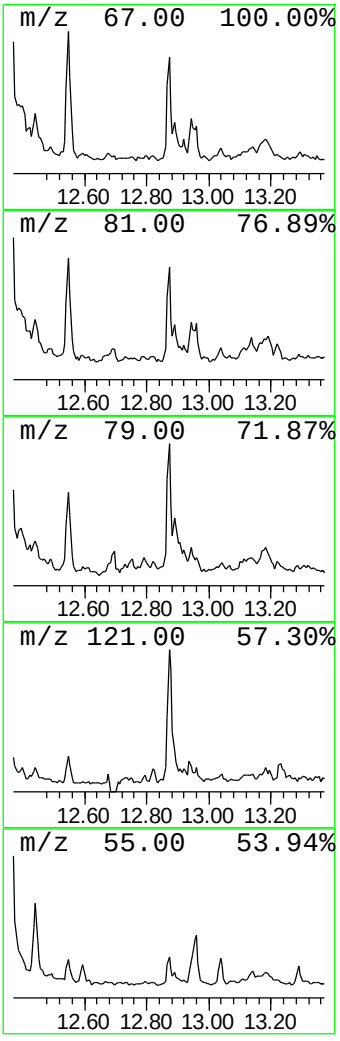
****

Peak Number 14 Methyl 5,11,14-eicosatrienoate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	2.98 ng	325875	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	94
2	Methyl 5,9,12-octadecatrienoate	292	C19H32O2	1000336-37-5	81
3	(7R,8S)-cis-anti-cis-7,8-Epoxytr...	178	C12H18O	073285-35-5	70
4	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	62
5	Isocyclocitral	152	C10H16O	001335-66-6	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

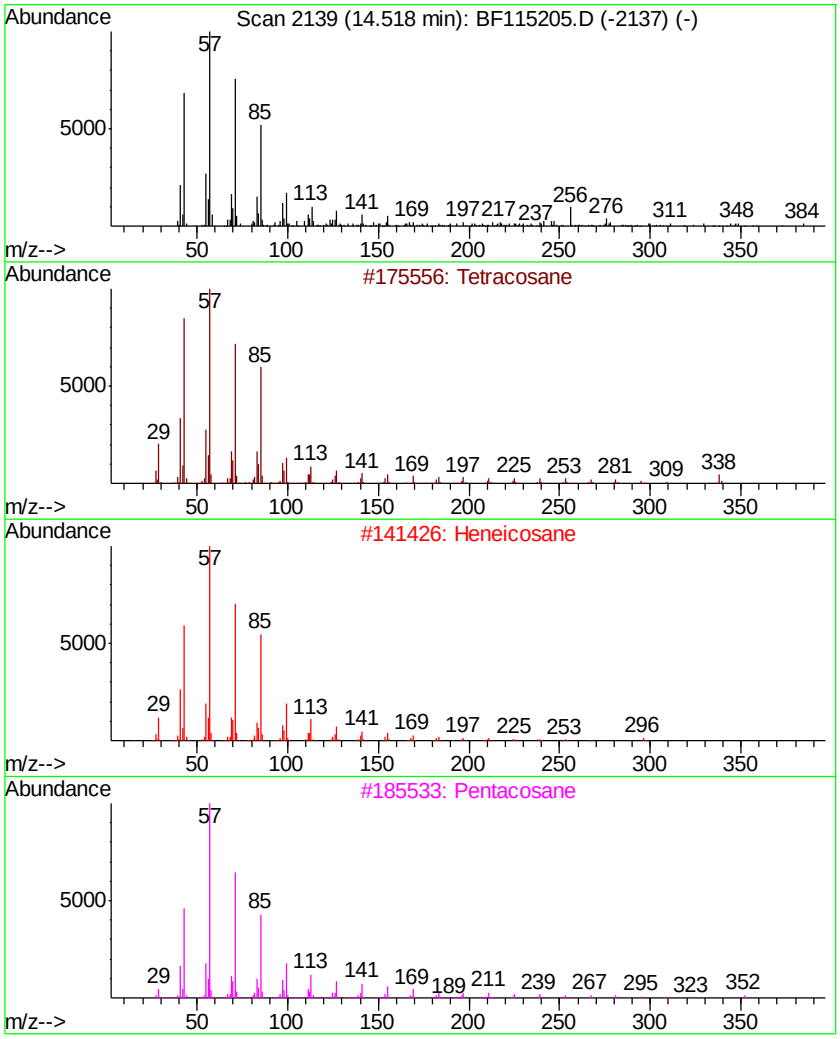
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

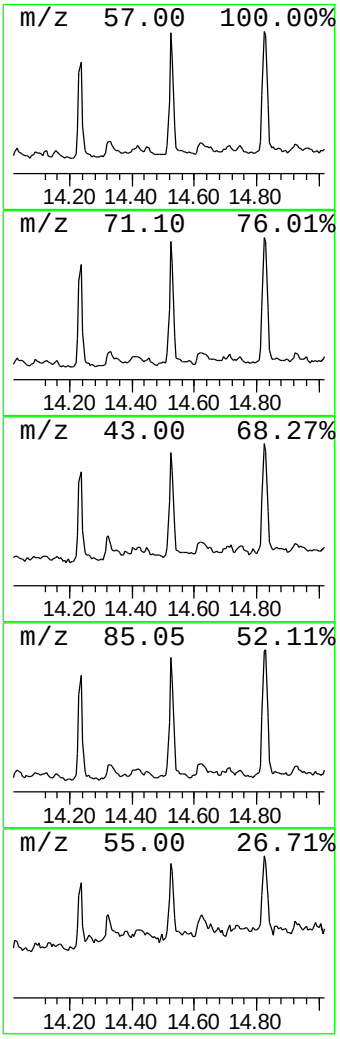
****

Peak Number 16 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	4.42 ng	368686	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Pentacosane	352	C25H52	000629-99-2	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptacosane	380	C27H56	000593-49-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

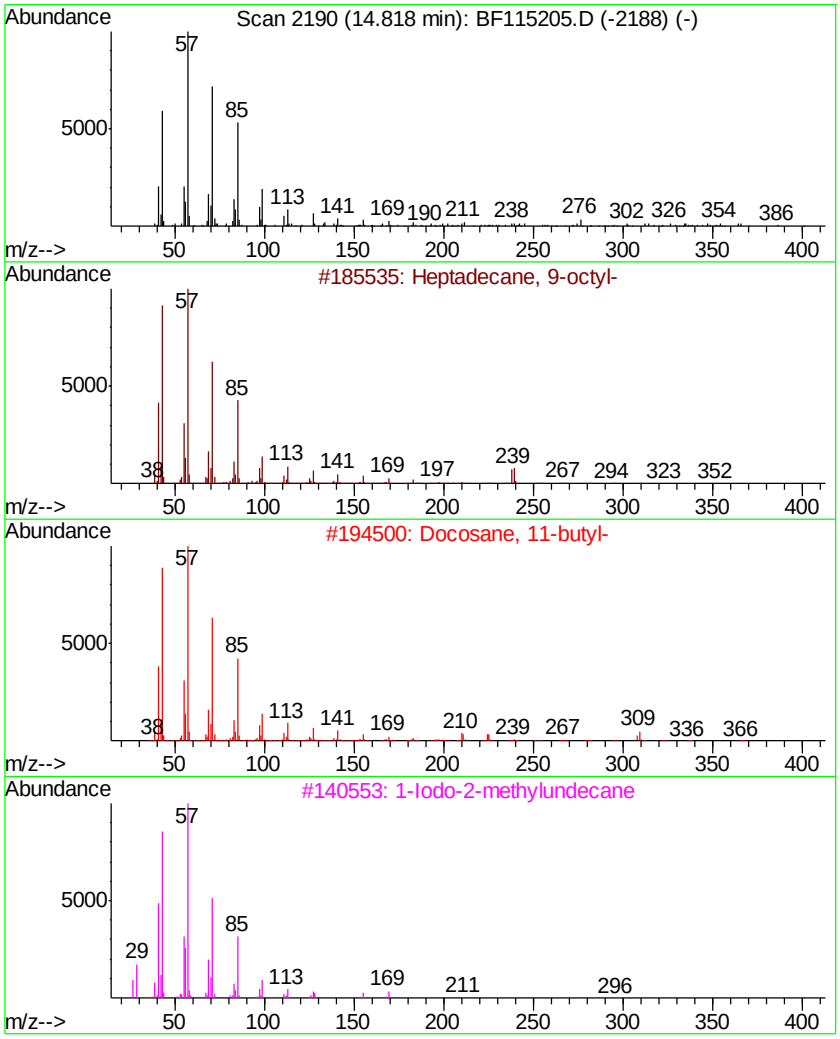
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

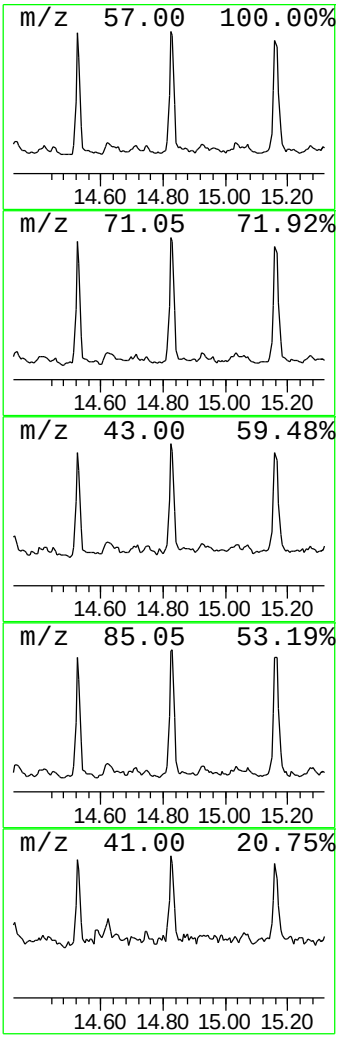
****

Peak Number 17 Heptadecane, 9-octyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	4.39 ng	365564	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Tetracosane	338	C24H50	000646-31-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

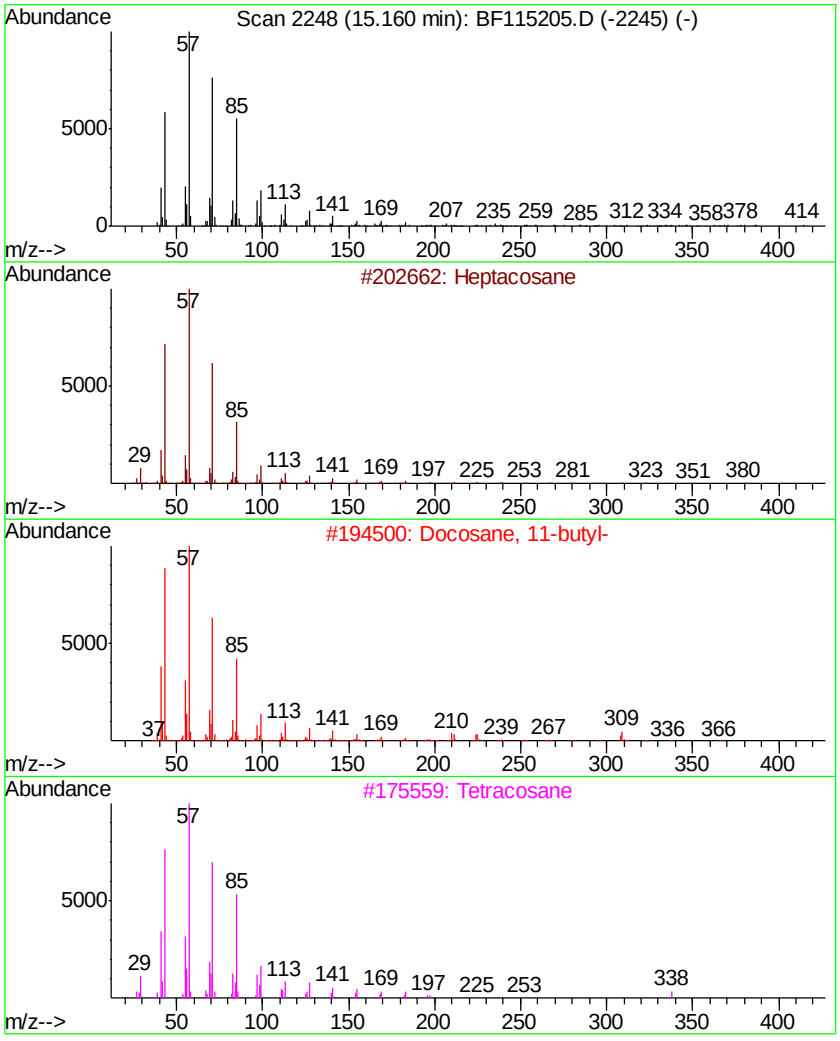
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

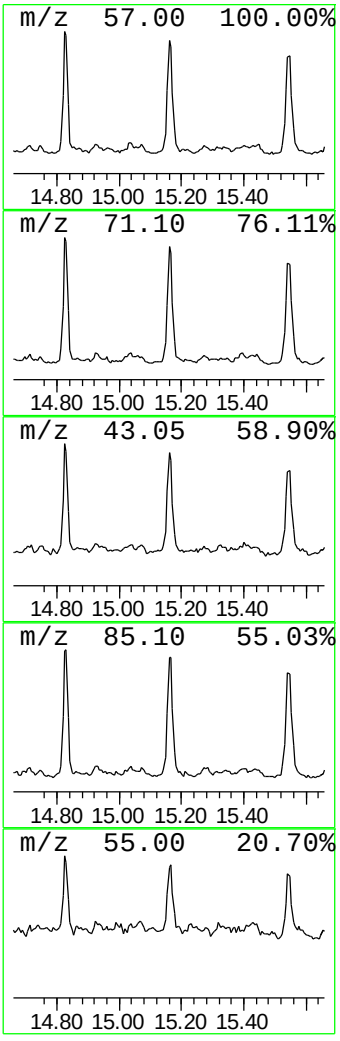
****

Peak Number 18 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	4.98 ng	415159	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	95
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane	282	C20H42	000112-95-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

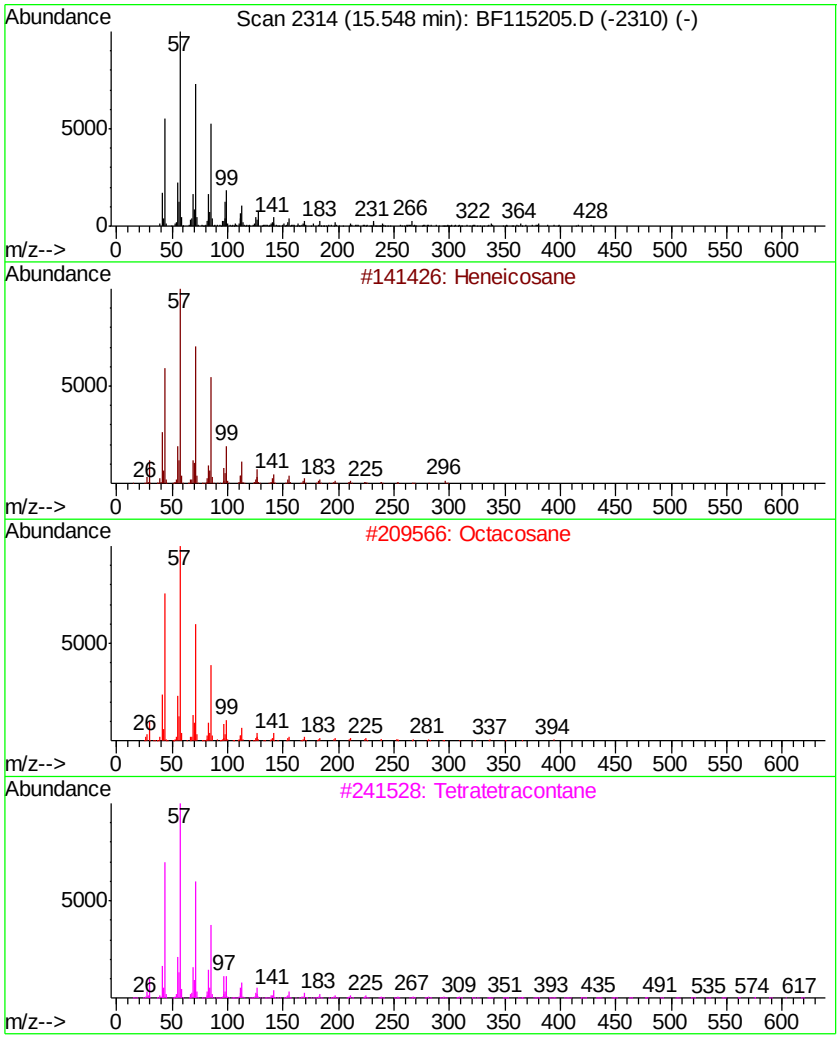
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

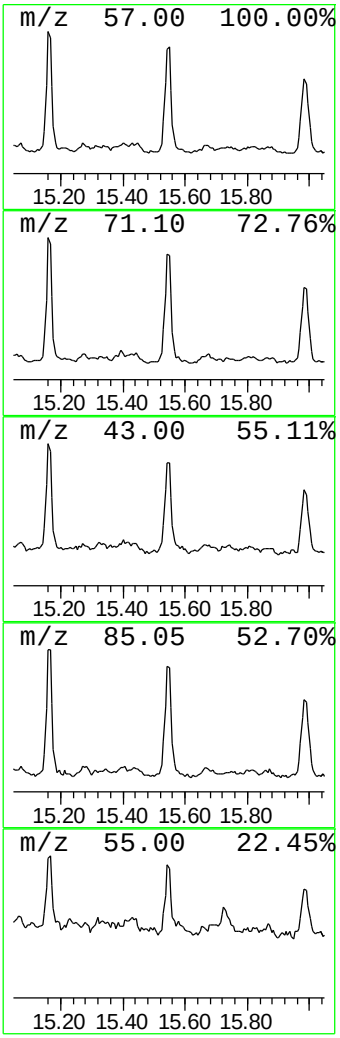
****

Peak Number 19 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	6.65 ng	554000	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Octacosane	394	C28H58	000630-02-4	94
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Hexacosane	366	C26H54	000630-01-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

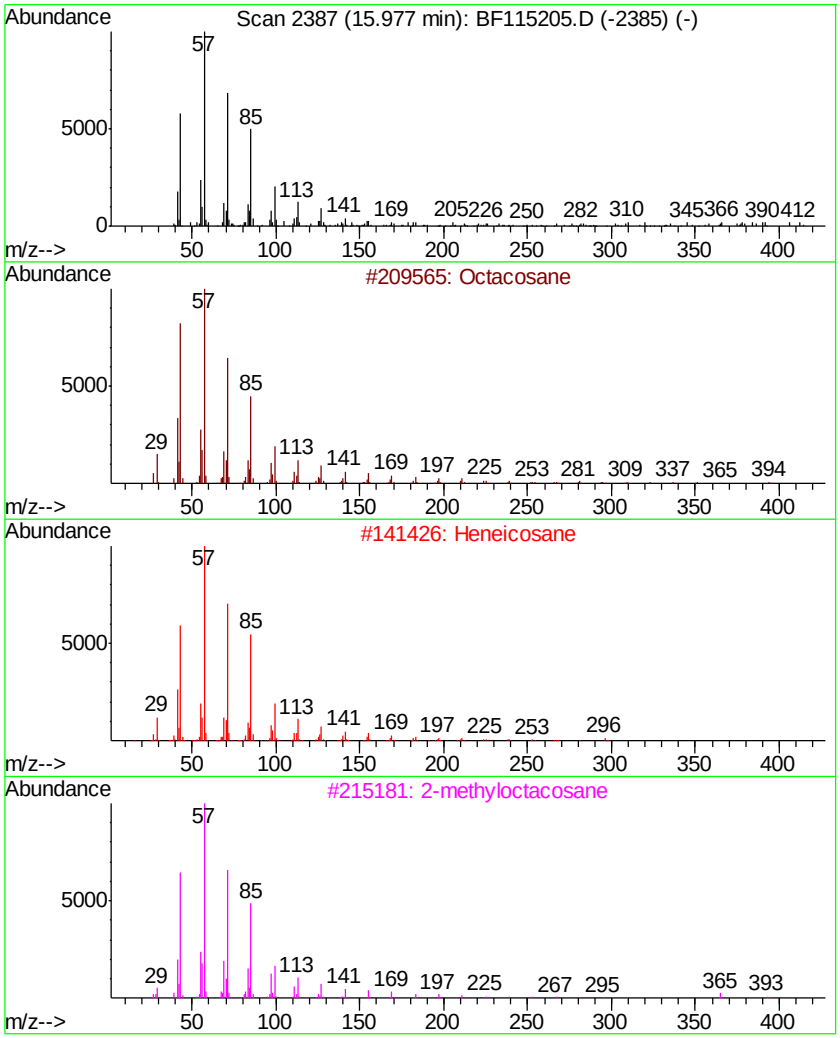
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

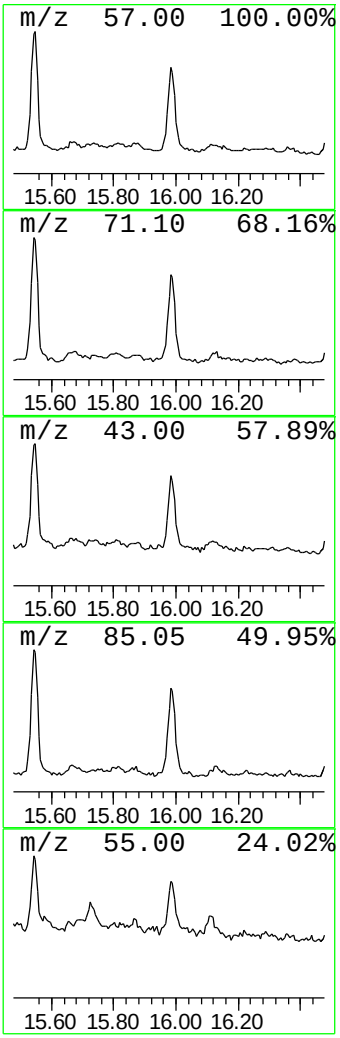
****

Peak Number 20 2-methyloctacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	3.33 ng	277143	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	86
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
Data File : BF115205.D
Acq On : 25 Jun 2019 23:18
Operator : HP/JU
Sample : K3156-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-062419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
unknown6.37	6.37	34.6	ng	2001250	1	6.61	1156110	20.0
Heptadecane	10.56	4.2	ng	326214	4	11.11	1558670	20.0
Tetradecane	11.43	3.2	ng	252022	4	11.11	1558670	20.0
Hexadecanoic acid...	11.53	25.1	ng	1955210	4	11.11	1558670	20.0
n-Hexadecanoic acid	11.66	12.4	ng	968389	4	11.11	1558670	20.0
Tetracosane	11.84	3.2	ng	249469	4	11.11	1558670	20.0
9,12-Octadecadien...	12.21	97.8	ng	7621960	4	11.11	1558670	20.0
9-Octadecenoic ac...	12.24	112.7	ng	8785370	4	11.11	1558670	20.0
Methyl stearate	12.32	19.4	ng	1514700	4	11.11	1558670	20.0
9,12-Octadecadien...	12.35	5.0	ng	388696	4	11.11	1558670	20.0
9-Octadecenoic ac...	12.37	20.4	ng	1591430	4	11.11	1558670	20.0
Octadecanoic acid	12.44	5.9	ng	648498	5	13.72	2186340	20.0
Methyl 5,11,14-ei...	12.87	3.0	ng	325875	5	13.72	2186340	20.0
Heneicosane	14.52	4.4	ng	368686	6	15.09	1666430	20.0
Heptadecane, 9-oc...	14.82	4.4	ng	365564	6	15.09	1666430	20.0
Heptacosane	15.16	5.0	ng	415159	6	15.09	1666430	20.0
Octacosane	15.55	6.7	ng	554000	6	15.09	1666430	20.0
2-methyloctacosane	15.98	3.3	ng	277143	6	15.09	1666430	20.0