LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115243.D
Acq On : 27 Jun 2019 19:36
Operator : HP/JU
Sample : K3512-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-8

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	5.184	547	552	555	rBV	2214931	1970881	32.80%	4.721%
2	6.231	725	730	734	rBV	2473298	2312350	38.48%	5.539%
3	6.360	748	752	755	rBV	2881648	2371896	39.47%	5.681%
4	6.595	788	792	795	rBV	1522925	1149361	19.13%	2.753%
5	6.748	815	818	822	rBV	1995738	1747906	29.09%	4.187%
6	7.154	883	887	890	rBV	1621503	1321082	21.98%	3.164%
7	7.878	1006	1010	1013	rBV	1784333	1457940	24.26%	3.492%
8	8.954	1189	1193	1196	rBV	2914227	2529340	42.09%	6.058%
9	9.348	1256	1260	1263	rBV	341242	297858	4.96%	0.713%
10	9.619	1302	1306	1310	rBV	1910499	1697959	28.25%	4.067%
11	10.401	1435	1439	1442	rBV	1909349	1653563	27.52%	3.961%
12	11.089	1552	1556	1559	rBV	2107968	1848421	30.76%	4.427%
13	11.113	1559	1560	1563	rVV	137557	80340	1.34%	0.192%
14	11.166	1566	1569	1572	rVB	145208	118722	1.98%	0.284%
15	11.589	1635	1641	1643	rBV	43891	69583	1.16%	0.167%
16	11.654	1643	1652	1658	rBV	2530678	3215850	53.51%	7.703%
17	12.289	1757	1760	1764	rBV	307342	295811	4.92%	0.709%
18	12.348	1764	1770	1777	rVV4	210739	496079	8.25%	1.188%
19	12.436	1778	1785	1795	rVV	4293055	6009527	100.00%	14.394%
20	12.519	1795	1799	1802	rVB	323874	372061	6.19%	0.891%
21	12.577	1807	1809	1815	rVB3	76228	104868	1.75%	0.251%
22	12.672	1821	1825	1829	rBV	3542467	3103570	51.64%	7.434%
23	13.271	1925	1927	1930	rVB	93967	74209	1.23%	0.178%
24	13.601	1980	1983	1986	rBV	128878	133002	2.21%	0.319%
25	13.707	1997	2001	2004	rBV	2086352	2135828	35.54%	5.116%
26	13.730	2004	2005	2008	rVB	218560	147080	2.45%	0.352%
27	13.913	2034	2036	2041	rVB2	202575	179345	2.98%	0.430%
28	14.218	2085	2088	2091	rBV	361963	333214	5.54%	0.798%
29	14.513	2134	2138	2141	rBV	549543	549308	9.14%	1.316%
30	14.695	2167	2169	2172	rBV	141476	147452	2.45%	0.353%
31	14.813	2185	2189	2193	rVB	567417	591828	9.85%	1.418%
32	15.071	2229	2233	2238	rVV	1784820	1907631	31.74%	4.569%
33	15.142	2242	2245	2252	rVB	501327	647679	10.78%	1.551%
34	15.524	2306	2310	2322	rVB2	355534	677510	11.27%	1.623%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115243.D
Acq On : 27 Jun 2019 19:36
Operator : HP/JU
Sample : K3512-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-8

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

Sum of corrected areas: 41749054

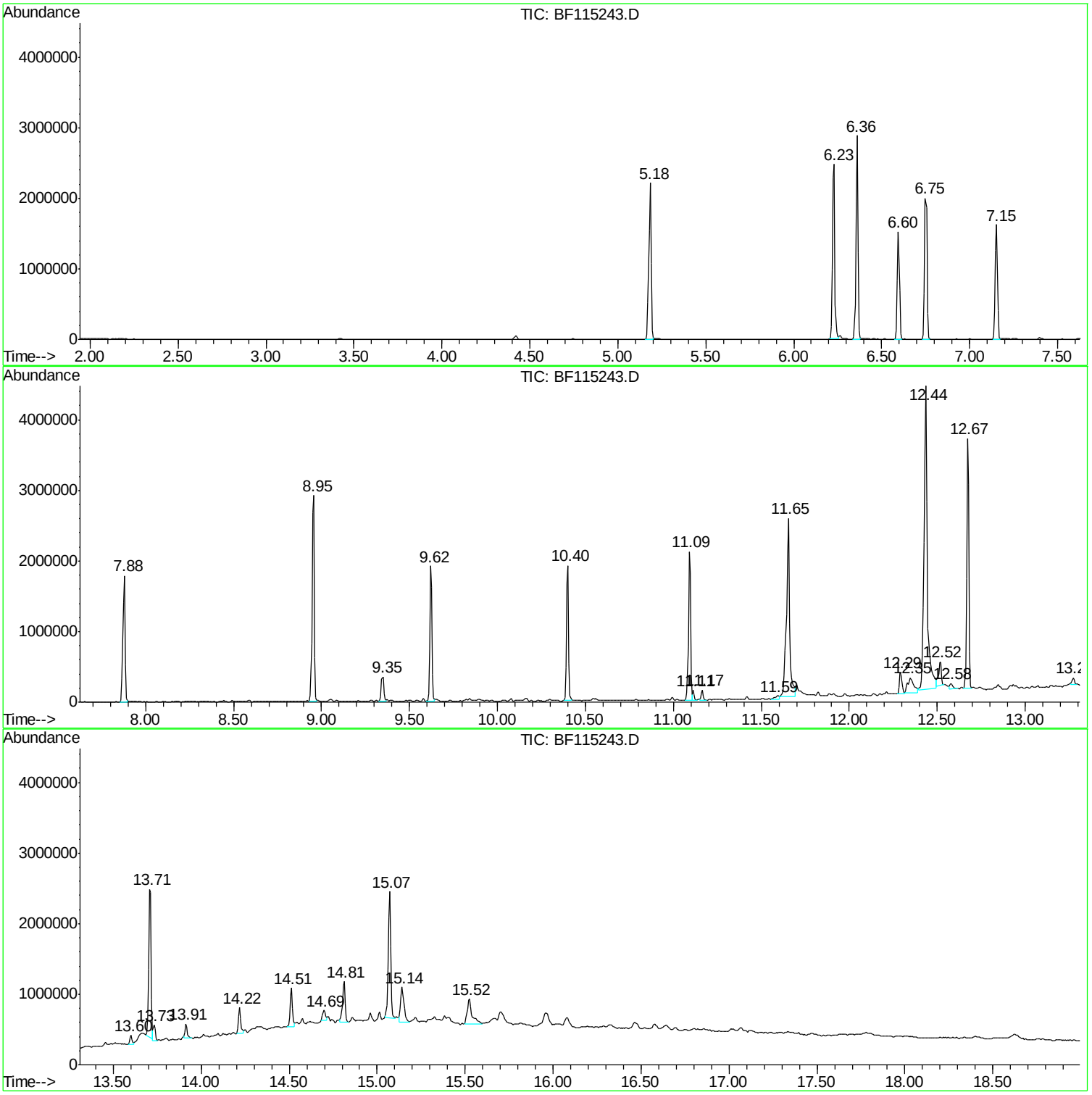
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115243.D
Acq On : 27 Jun 2019 19:36
Operator : HP/JU
Sample : K3512-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-8

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115243.D
Acq On : 27 Jun 2019 19:36
Operator : HP/JU
Sample : K3512-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-8

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

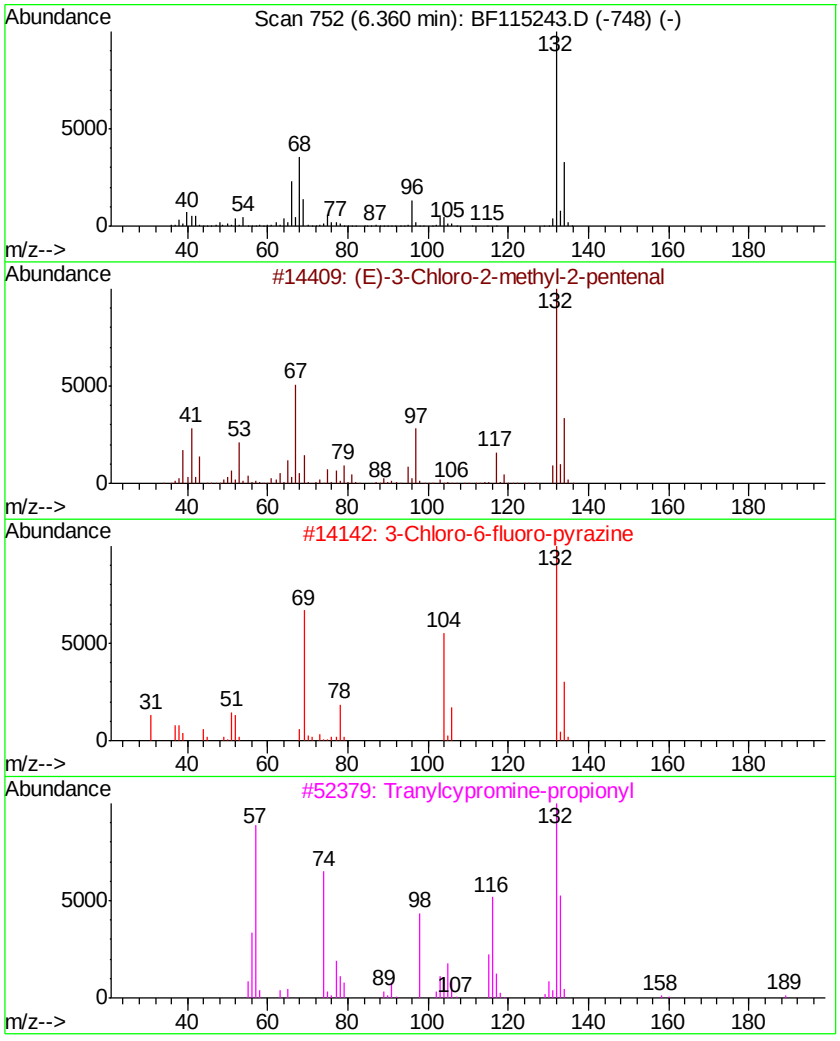
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

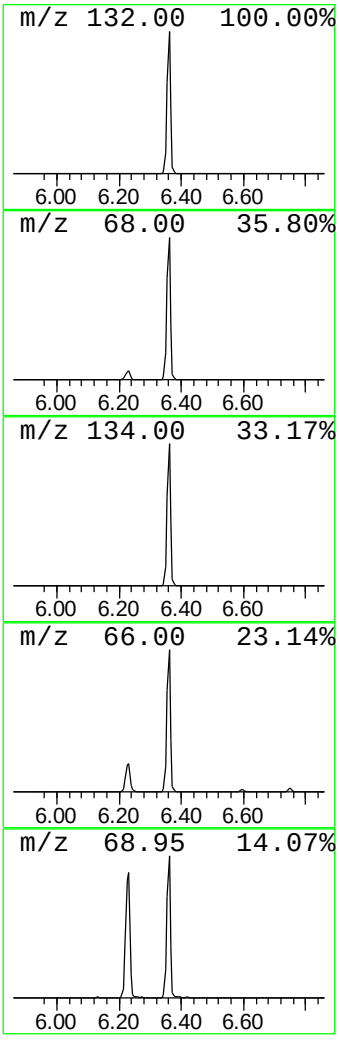
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	41.27 ng	2371900	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115243.D
Acq On : 27 Jun 2019 19:36
Operator : HP/JU
Sample : K3512-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-8

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

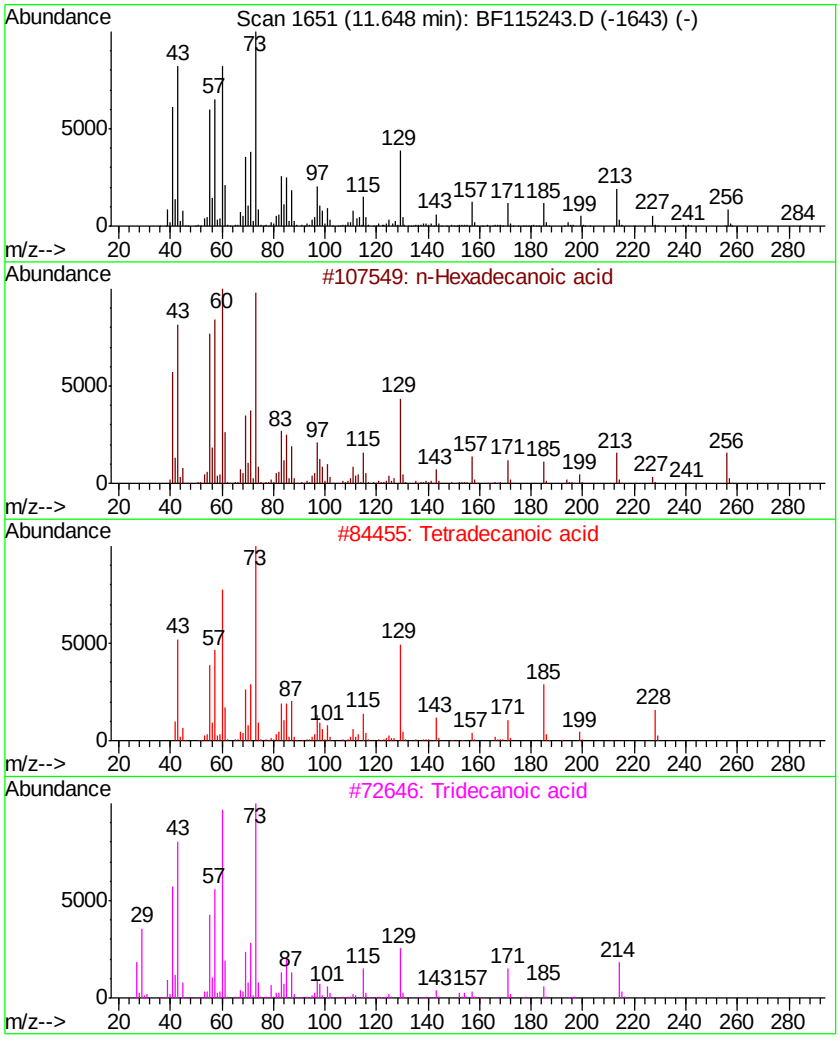
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

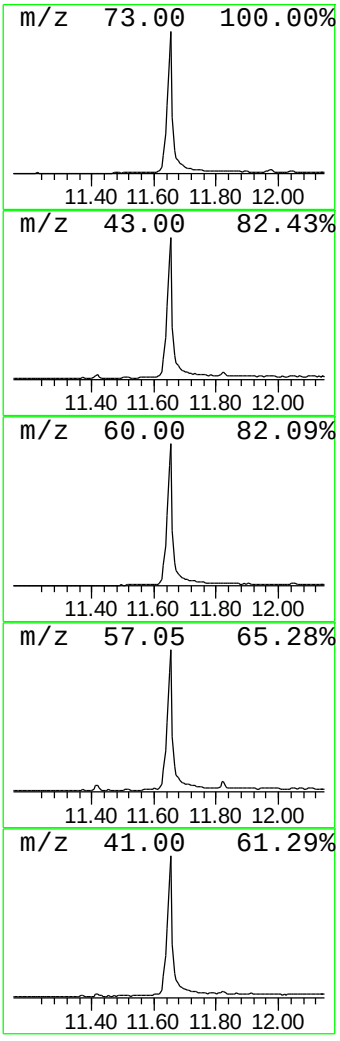
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	34.80 ng	3215850	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115243.D
Acq On : 27 Jun 2019 19:36
Operator : HP/JU
Sample : K3512-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-8

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

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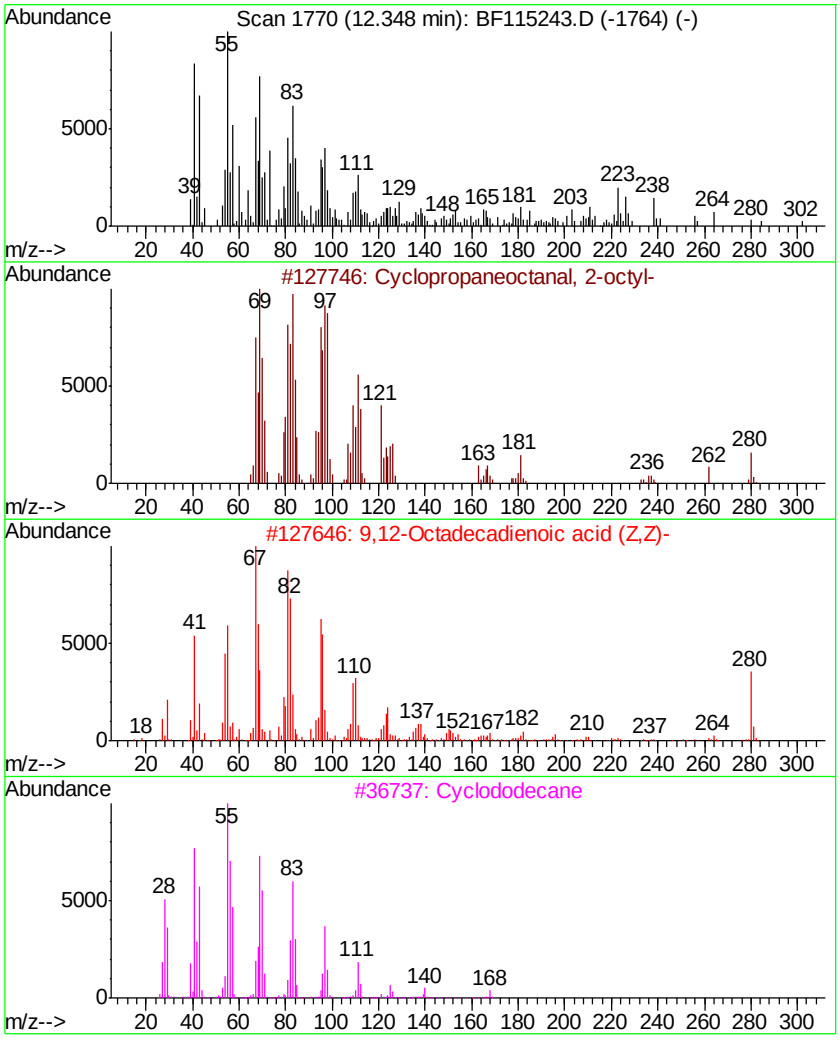
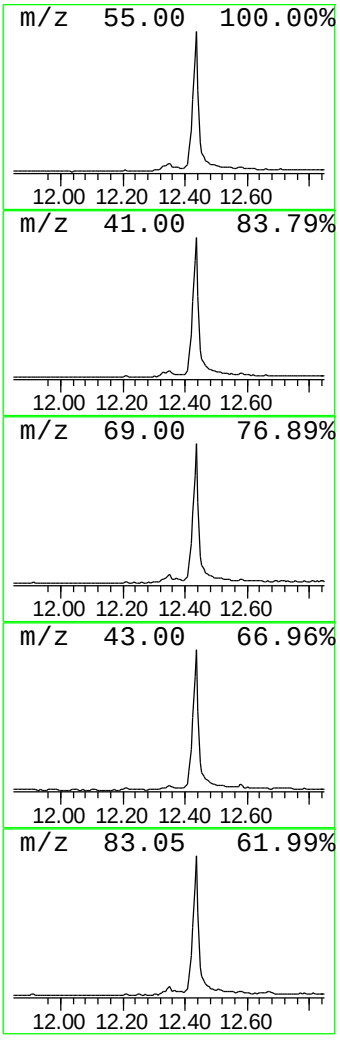
Peak Number 4 Cyclopropaneoctanal, 2-octyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	5.37 ng	496079	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropaneoctanal, 2-octyl-	280	C19H36O	056196-06-6	91
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	91
3	Cyclododecane	168	C12H24	000294-62-2	89
4	8-Heptadecene	238	C17H34	002579-04-6	86
5	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115243.D
Acq On : 27 Jun 2019 19:36
Operator : HP/JU
Sample : K3512-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-8

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

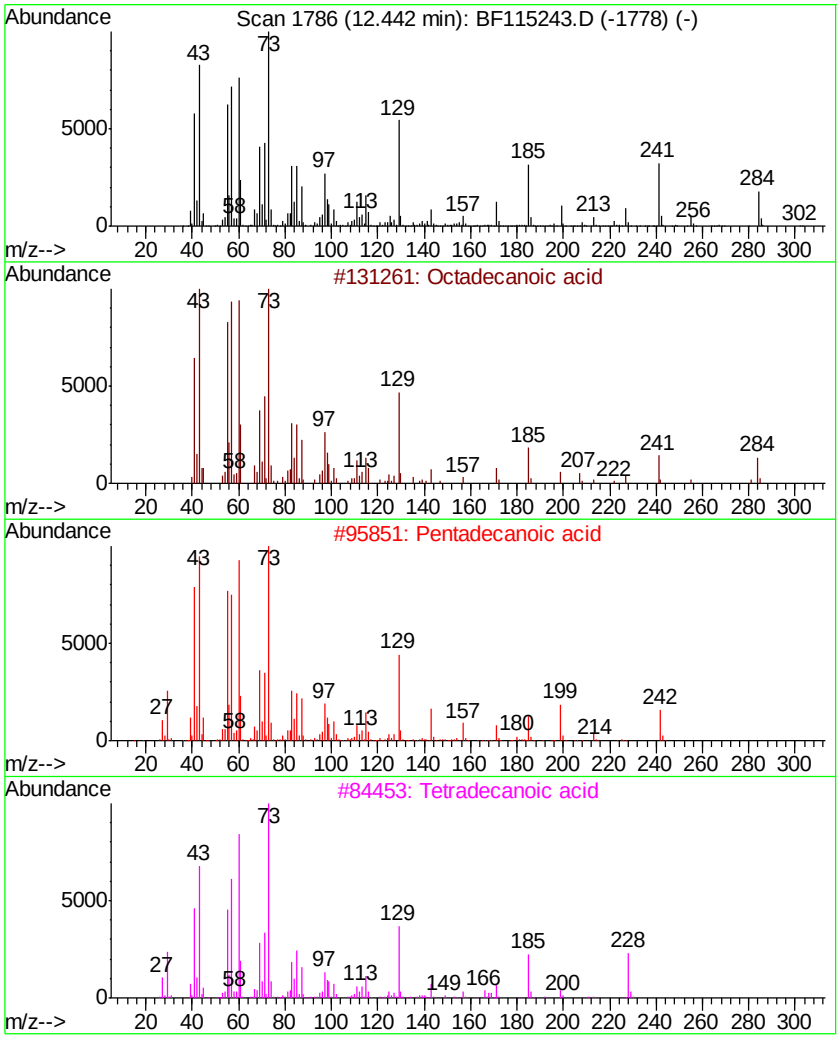
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

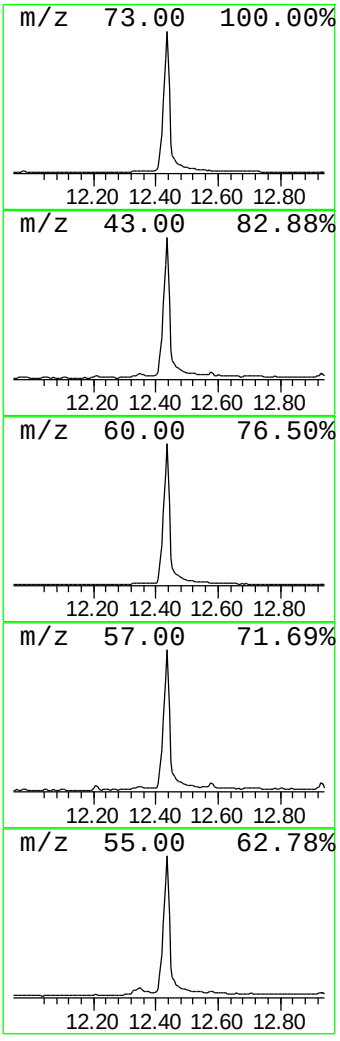
****

Peak Number 5 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	56.27 ng	6009530	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115243.D
Acq On : 27 Jun 2019 19:36
Operator : HP/JU
Sample : K3512-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-8

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

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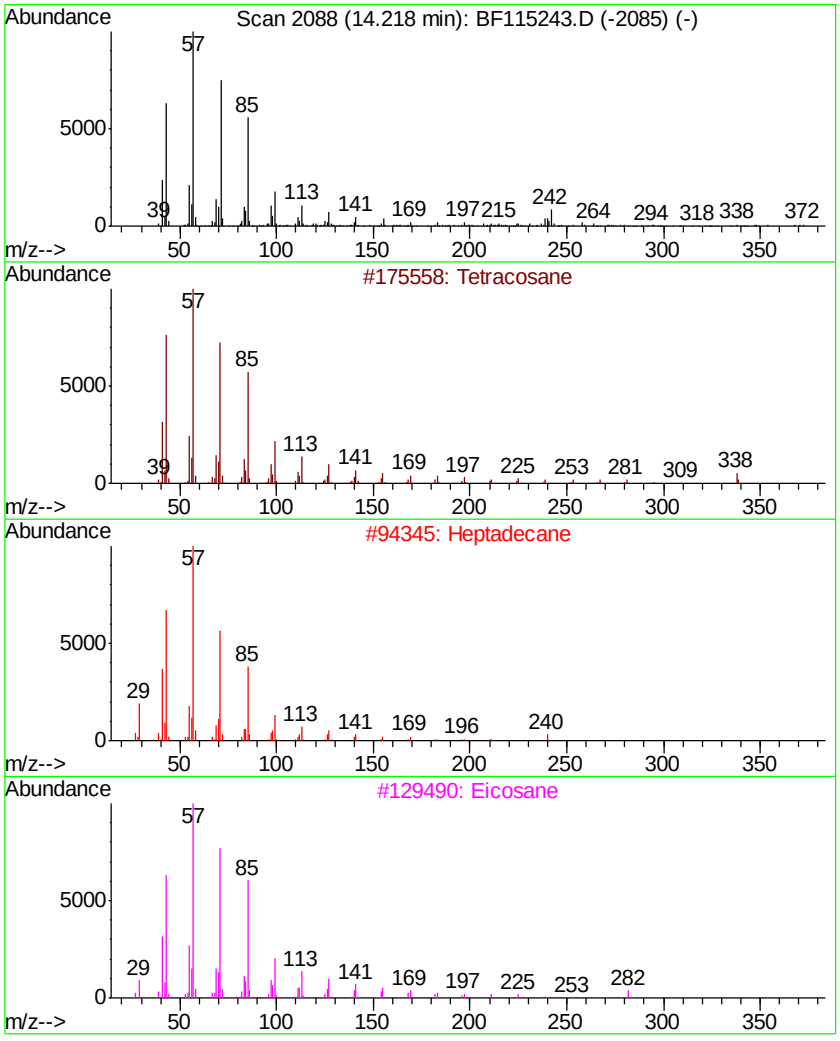
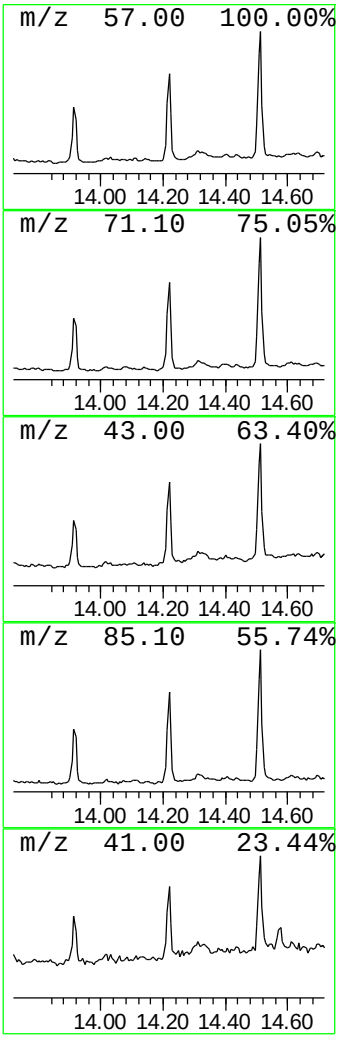
Peak Number 6 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	3.12 ng	333214	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Heptadecane	240	C17H36	000629-78-7	94
3	Eicosane	282	C20H42	000112-95-8	93
4	Hexadecane	226	C16H34	000544-76-3	91
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115243.D
Acq On : 27 Jun 2019 19:36
Operator : HP/JU
Sample : K3512-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-8

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

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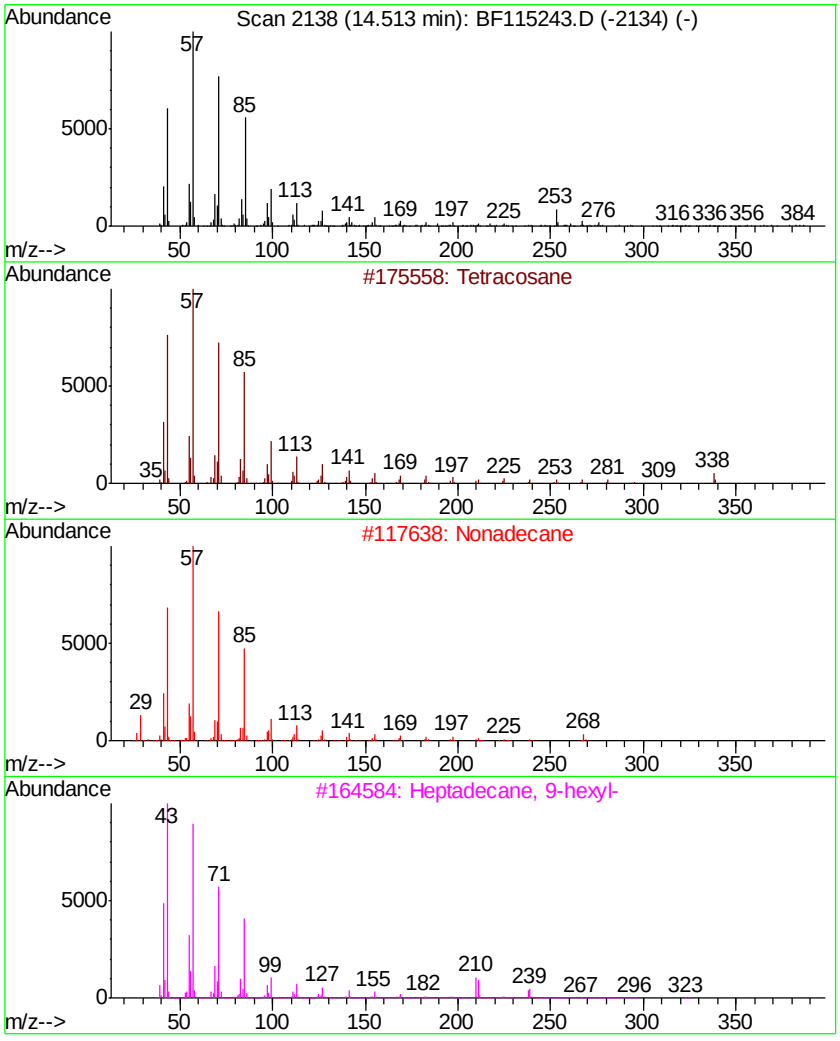
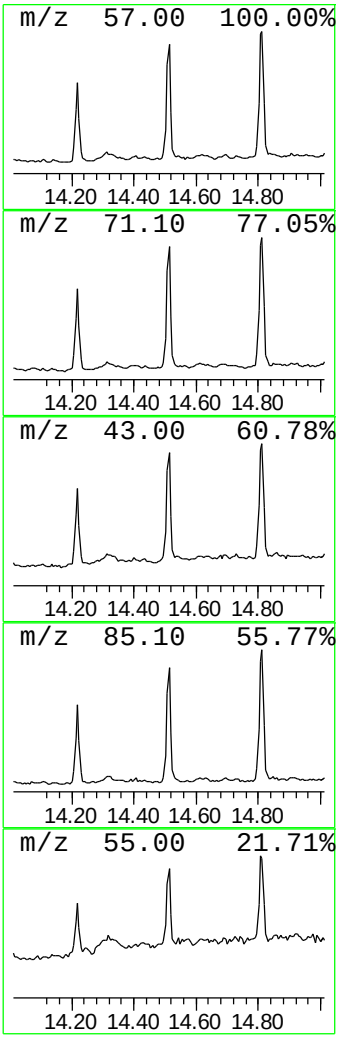
Peak Number 7 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	5.76 ng	549308	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Nonadecane	268	C19H40	000629-92-5	94
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane	282	C20H42	000112-95-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115243.D
Acq On : 27 Jun 2019 19:36
Operator : HP/JU
Sample : K3512-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-8

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

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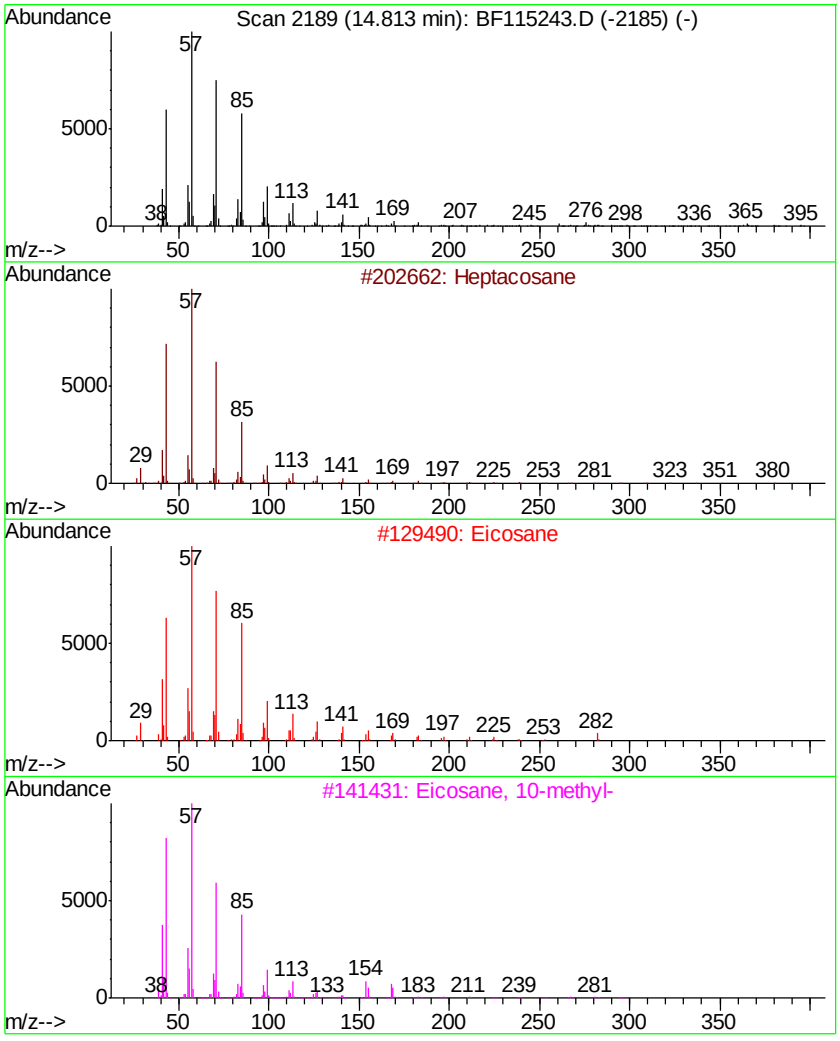
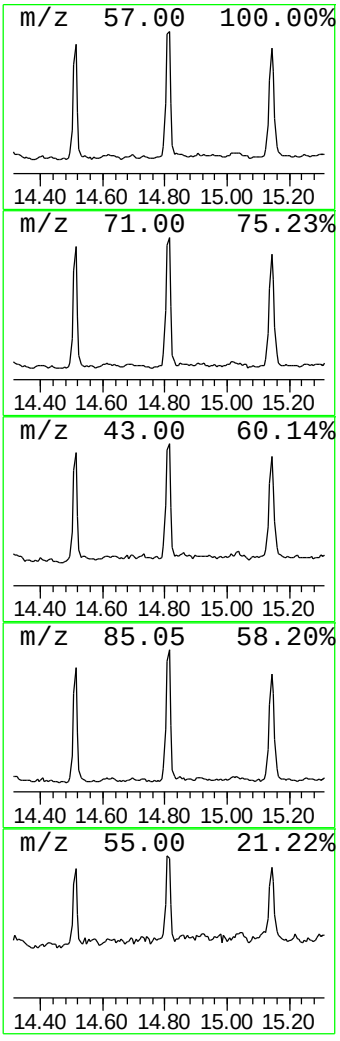
Peak Number 8 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	6.20 ng	591828	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	95
2	Eicosane	282	C20H42	000112-95-8	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
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Acq On : 27 Jun 2019 19:36
Operator : HP/JU
Sample : K3512-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-8

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

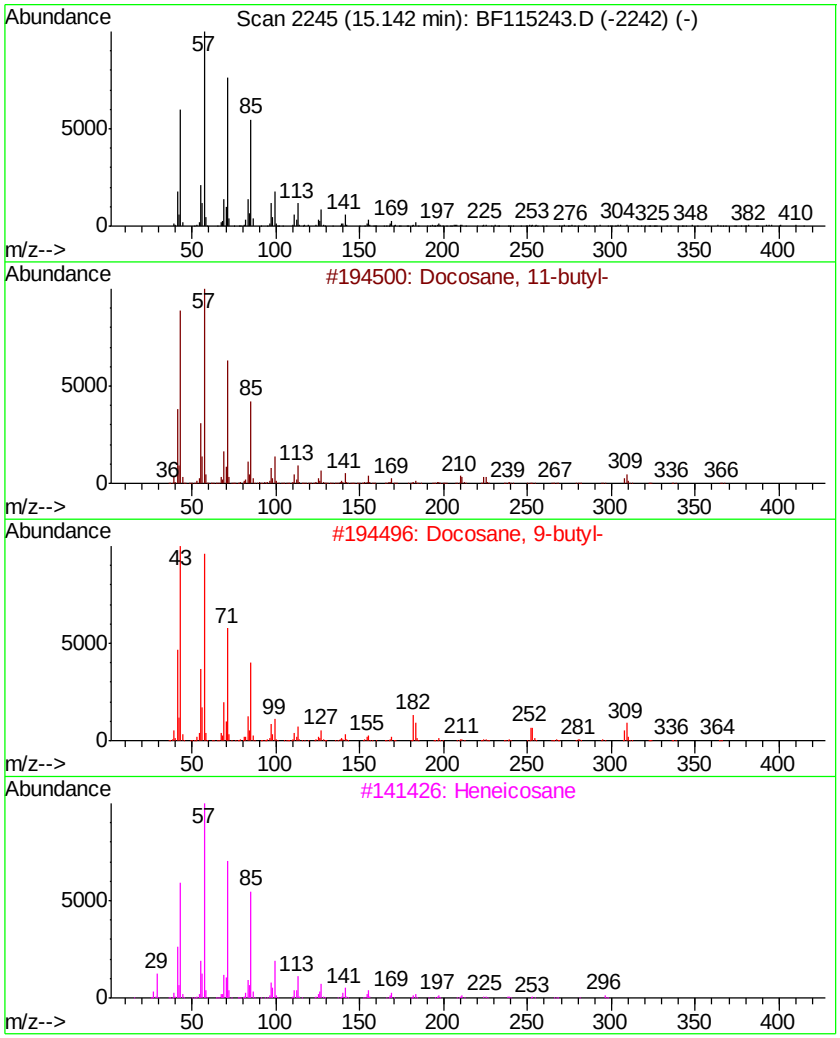
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

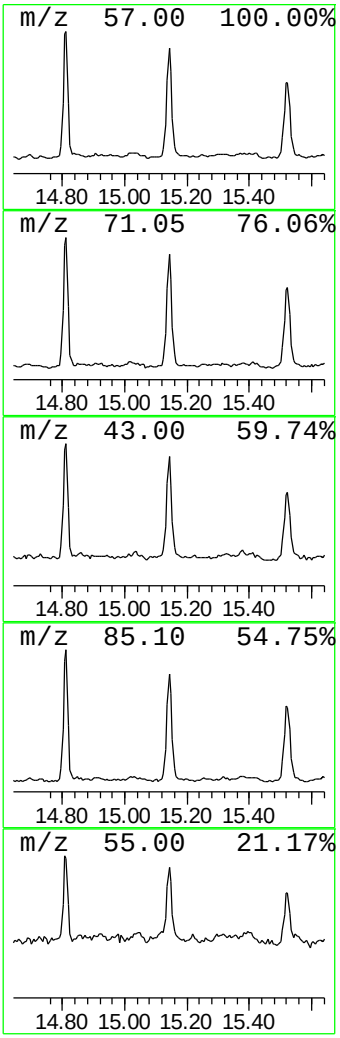
****

Peak Number 9 Docosane, 11-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	6.79 ng	647679	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115243.D
Acq On : 27 Jun 2019 19:36
Operator : HP/JU
Sample : K3512-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-8

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

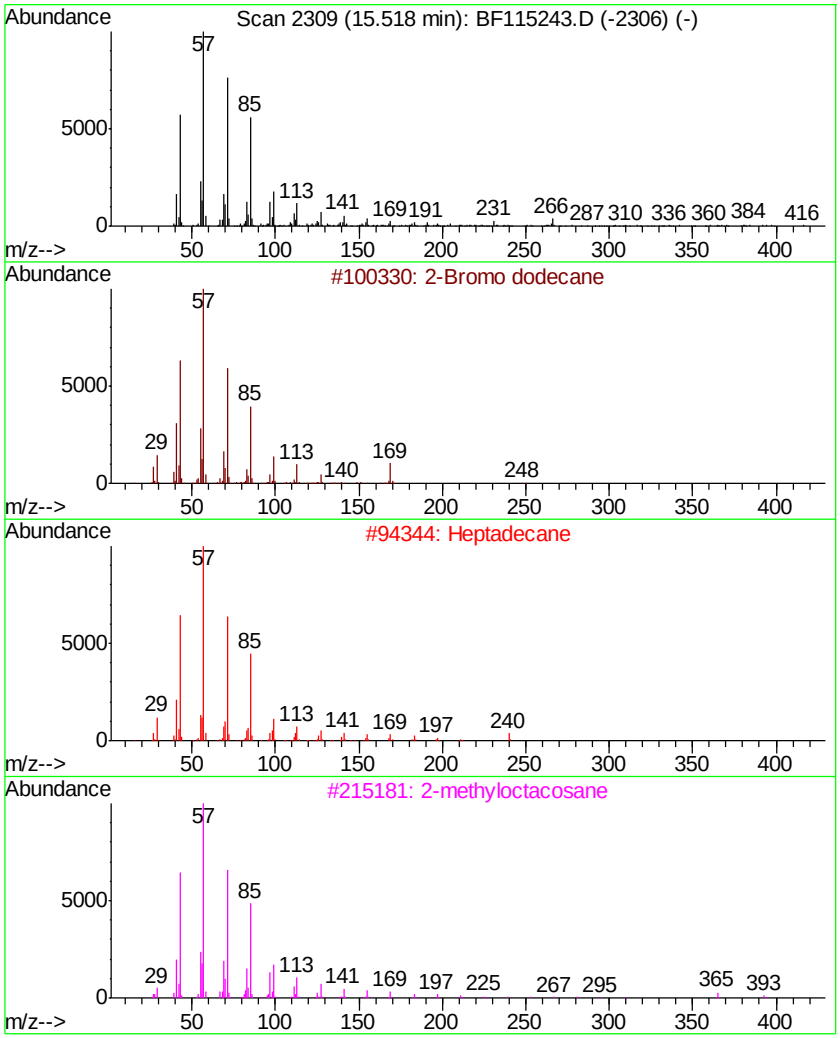
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

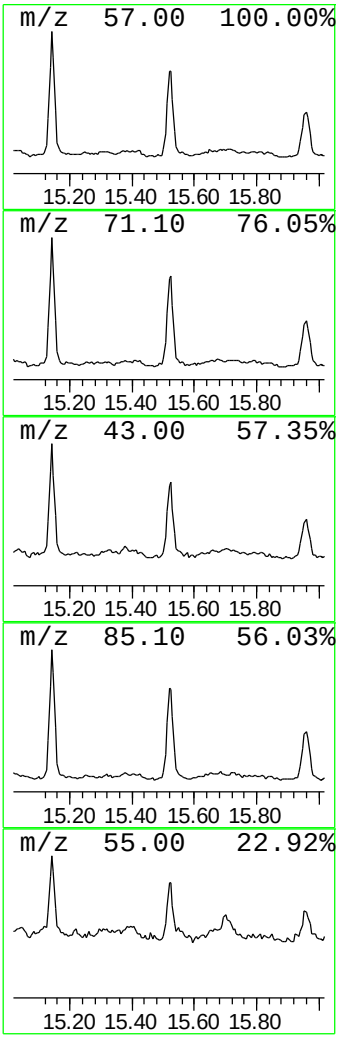
****

Peak Number 10 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	7.10 ng	677510	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Heptadecane	240	C17H36	000629-78-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062719\
Data File : BF115243.D
Acq On : 27 Jun 2019 19:36
Operator : HP/JU
Sample : K3512-06 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-8

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
unknown-01	6.36	41.3	ng	2371900	1	6.60	1149360	20.0
n-Hexadecanoic acid	11.65	34.8	ng	3215850	4	11.09	1848420	20.0
Cyclopropaneoctan...	12.35	5.4	ng	496079	4	11.09	1848420	20.0
Octadecanoic acid	12.44	56.3	ng	6009530	5	13.71	2135830	20.0
Tetracosane	14.22	3.1	ng	333214	5	13.71	2135830	20.0
Nonadecane	14.51	5.8	ng	549308	6	15.07	1907630	20.0
Heptacosane	14.81	6.2	ng	591828	6	15.07	1907630	20.0
Docosane, 11-butyl-	15.14	6.8	ng	647679	6	15.07	1907630	20.0
2-Bromo dodecane	15.52	7.1	ng	677510	6	15.07	1907630	20.0