LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113764.D
Acq On : 15 Apr 2019 15:41
Operator : JU/SJ
Sample : K2407-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-17-S

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-BF040319.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	5.287	541	544	576	rBV	1405676	1983070	77.28%	8.017%
2	6.328	717	721	737	rBV	1576108	2095748	81.67%	8.473%
3	6.445	737	741	750	rVB	2166471	2063447	80.41%	8.342%
4	6.669	776	779	797	rVB	789927	724321	28.23%	2.928%
5	6.828	802	806	823	rBV	1596148	1656535	64.55%	6.697%
6	7.239	872	876	894	rBV	1102174	1311891	51.12%	5.304%
7	7.951	994	997	1020	rBV	857391	936850	36.51%	3.787%
8	9.028	1176	1180	1193	rBV	2875999	2521500	98.26%	10.194%
9	9.427	1245	1248	1256	rBV	206639	215143	8.38%	0.870%
10	9.704	1291	1295	1306	rBV	1160139	1056355	41.16%	4.271%
11	10.492	1426	1429	1442	rBV	1125020	1336673	52.09%	5.404%
12	11.186	1543	1547	1560	rBV	1155321	1173212	45.72%	4.743%
13	11.721	1634	1638	1650	rBV	256686	386193	15.05%	1.561%
14	11.804	1650	1652	1661	rVB5	20778	43485	1.69%	0.176%
15	12.404	1751	1754	1757	rBV	61279	67098	2.61%	0.271%
16	12.504	1767	1771	1789	rBV	515271	802938	31.29%	3.246%
17	12.627	1789	1792	1798	rVB	80359	103770	4.04%	0.420%
18	12.768	1811	1816	1819	rBV	2597733	2566238	100.00%	10.375%
19	13.339	1909	1913	1915	rBV2	26296	29825	1.16%	0.121%
20	13.668	1965	1969	1977	rVB3	33808	50617	1.97%	0.205%
21	13.821	1991	1995	2009	rBV	786064	971851	37.87%	3.929%
22	13.980	2019	2022	2025	rBV	59582	53805	2.10%	0.218%
23	14.286	2070	2074	2078	rBV	109541	104945	4.09%	0.424%
24	14.421	2093	2097	2099	rBV4	20966	33149	1.29%	0.134%
25	14.580	2120	2124	2129	rBV	188634	192772	7.51%	0.779%
26	14.645	2132	2135	2139	rVB	34296	39095	1.52%	0.158%
27	14.845	2166	2169	2172	rBV	35658	46932	1.83%	0.190%
28	14.886	2172	2176	2184	rVB	247483	298310	11.62%	1.206%
29	15.127	2214	2217	2222	rVB	34943	37791	1.47%	0.153%
30	15.186	2224	2227	2230	rVV	35934	42326	1.65%	0.171%
31	15.233	2230	2235	2250	rVB	883846	1208617	47.10%	4.886%
32	15.627	2296	2302	2307	rVB	206789	304338	11.86%	1.230%
33	16.074	2373	2378	2387	rVB	111174	191657	7.47%	0.775%
34	16.609	2464	2469	2478	rVB4	34449	84869	3.31%	0.343%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113764.D
Acq On : 15 Apr 2019 15:41
Operator : JU/SJ
Sample : K2407-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17-S

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-BF040319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 24735366

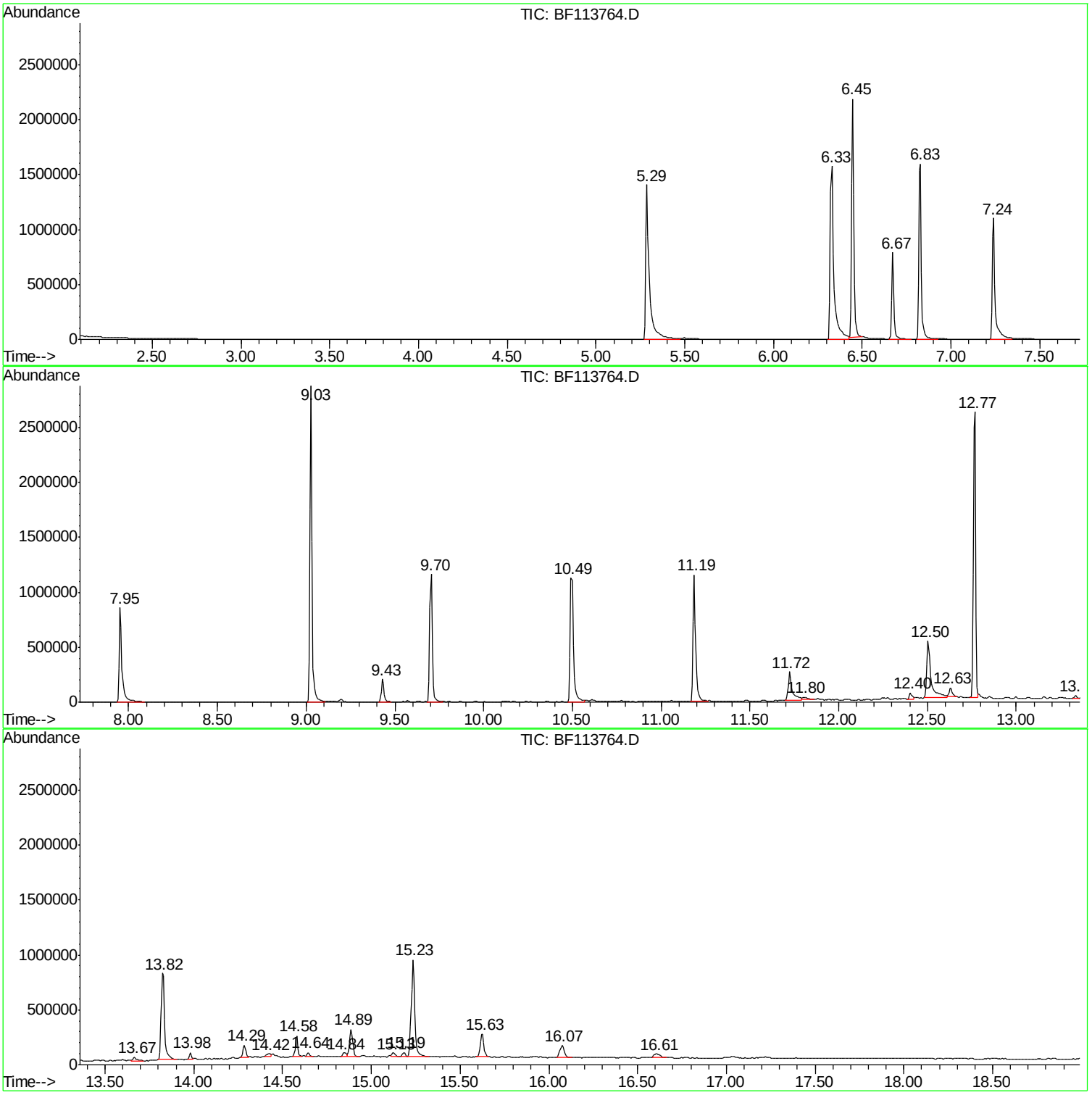
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113764.D
Acq On : 15 Apr 2019 15:41
Operator : JU/SJ
Sample : K2407-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-17-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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\BF041519\
Data File : BF113764.D
Acq On : 15 Apr 2019 15:41
Operator : JU/SJ
Sample : K2407-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-17-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

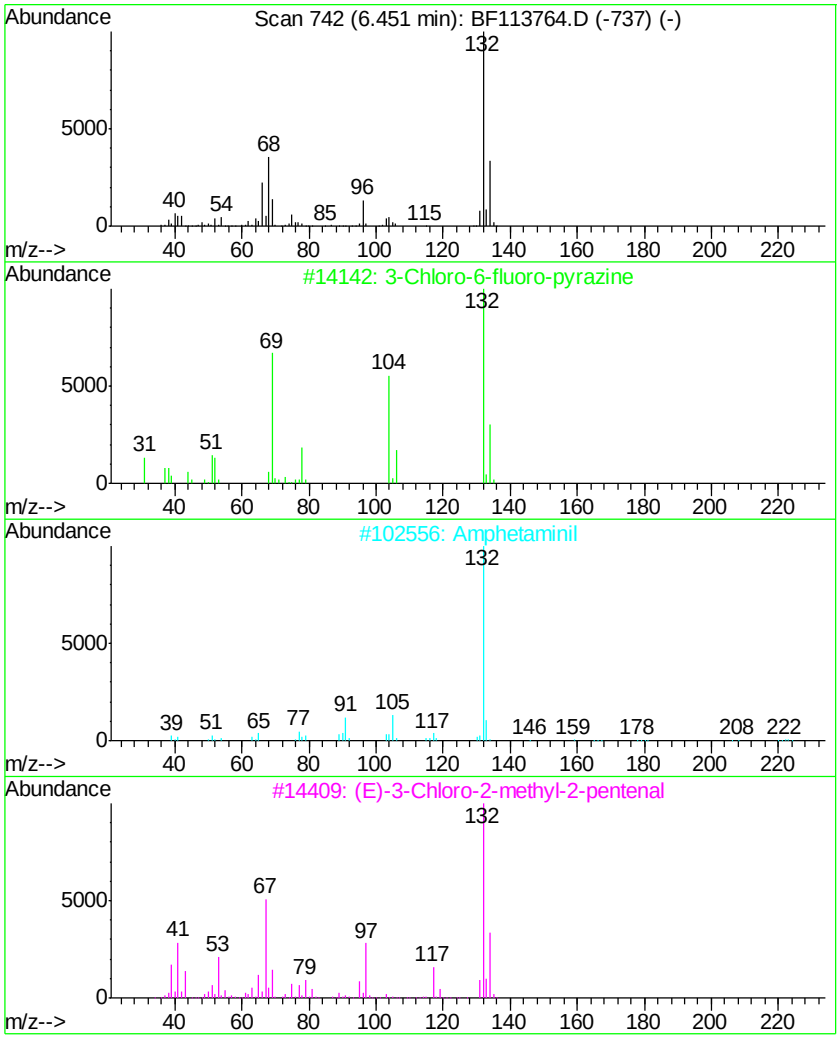
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

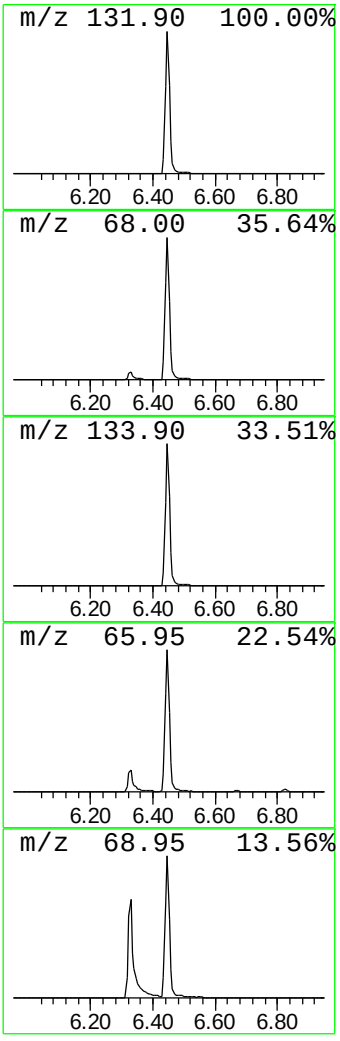
****

Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	56.98 ng	2063450	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Amphetaminil	250	C17H18N2	017590-01-1	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113764.D
Acq On : 15 Apr 2019 15:41
Operator : JU/SJ
Sample : K2407-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-17-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

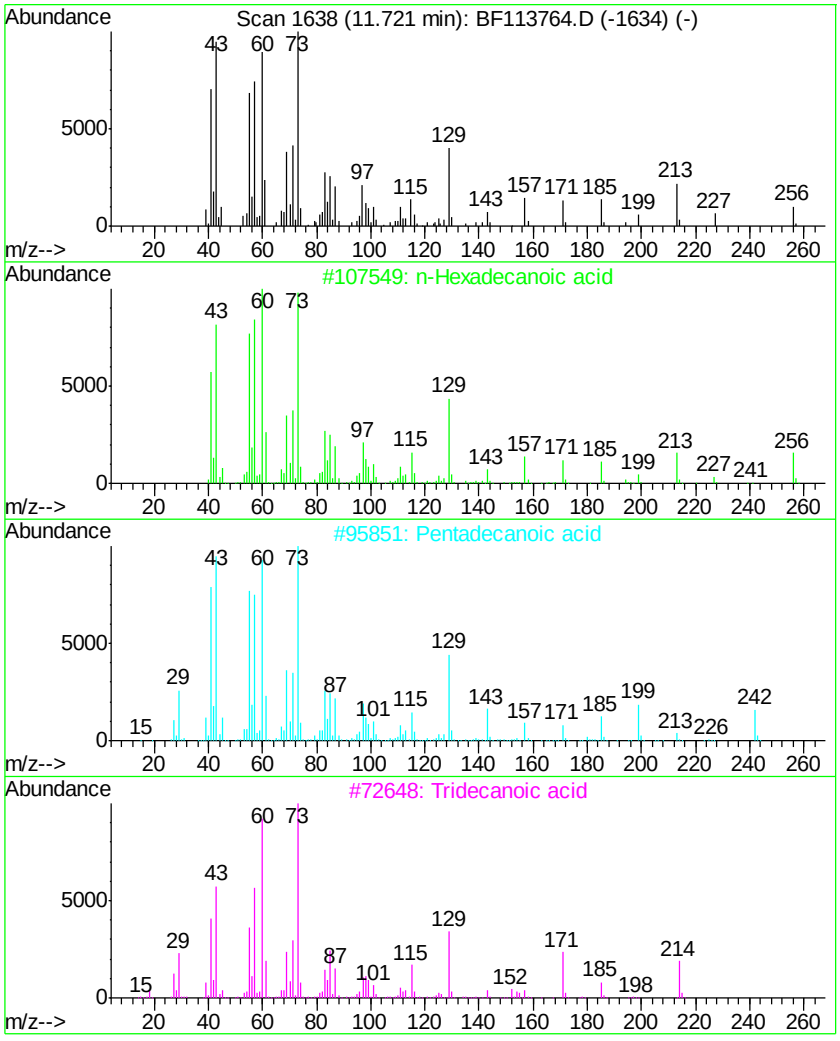
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

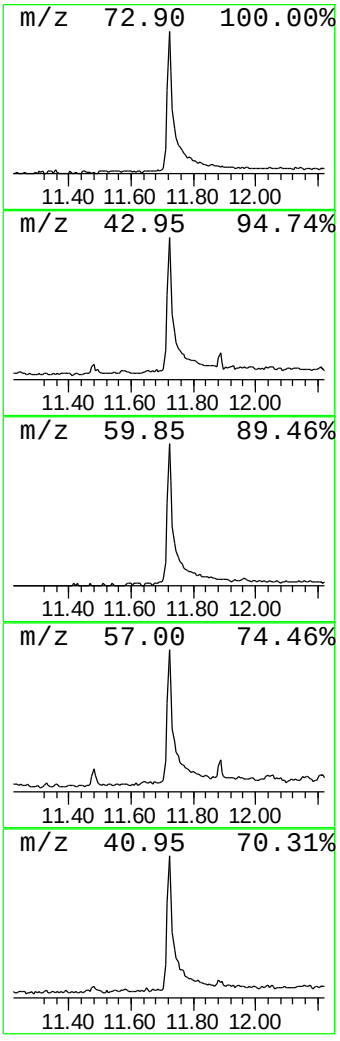
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	6.58 ng	386193	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113764.D
Acq On : 15 Apr 2019 15:41
Operator : JU/SJ
Sample : K2407-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-17-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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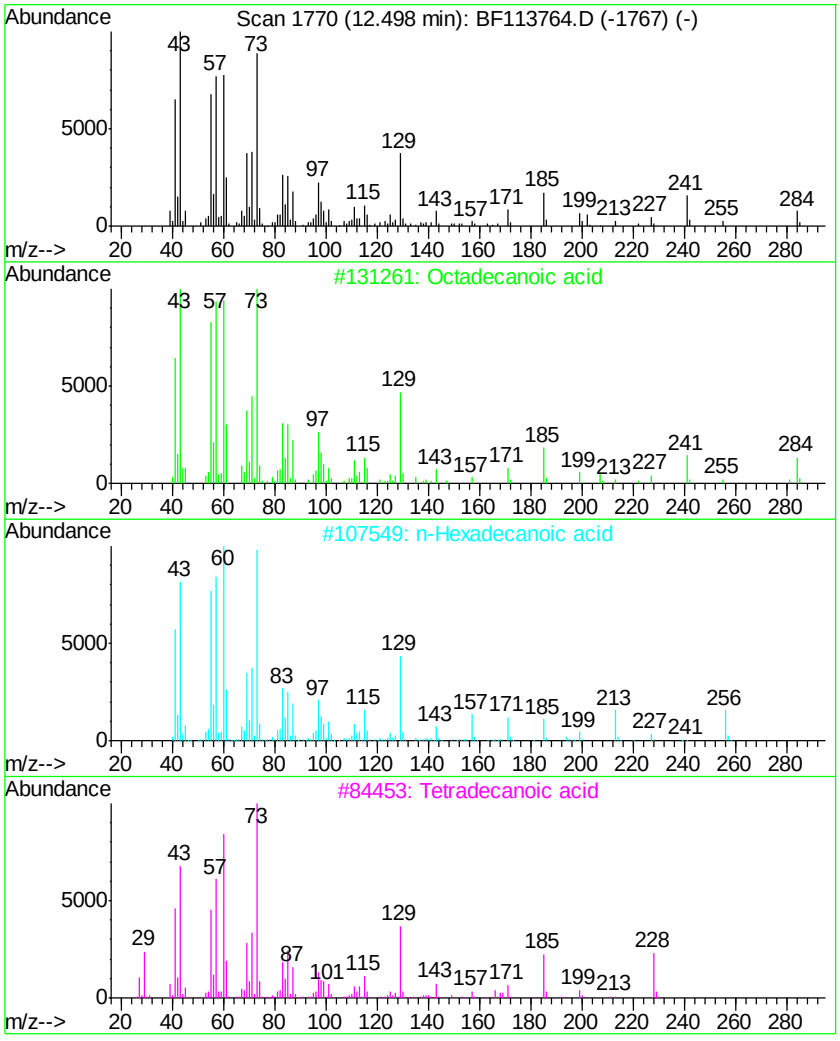
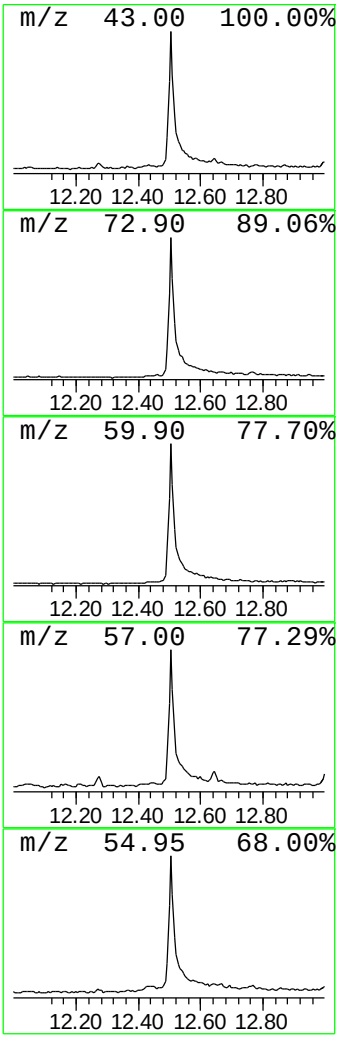
Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	16.52 ng	802938	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113764.D
Acq On : 15 Apr 2019 15:41
Operator : JU/SJ
Sample : K2407-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-17-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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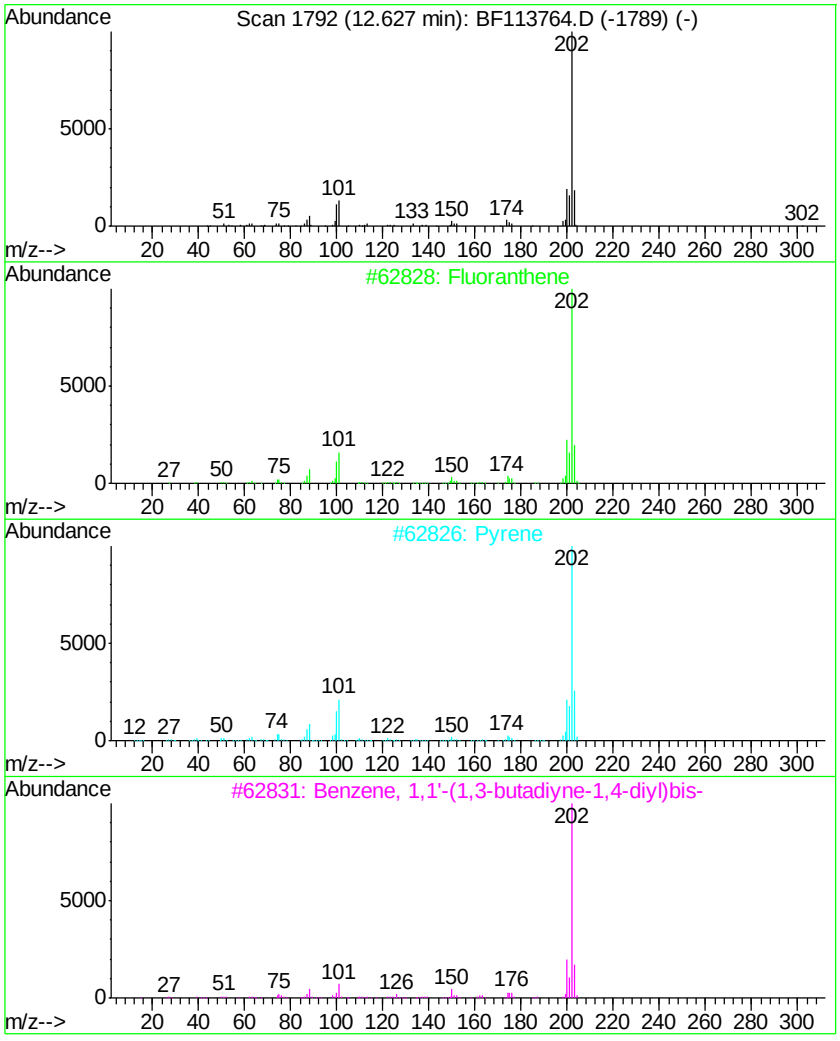
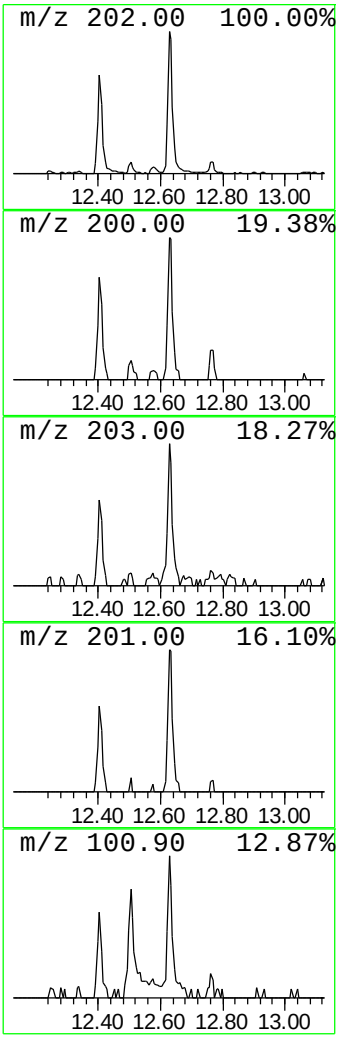
Peak Number 5 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	2.14 ng	103770	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	91
2	Pyrene	202	C16H10	000129-00-0	91
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	59
4	4-Isothiazolecarbonitrile, 3,5-b...	202	C6H6N2S3	004886-13-9	9
5	Pyrimidine, 2-phenyl-4-hydroxy-5...	202	C11H10N2O2	085386-21-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113764.D
Acq On : 15 Apr 2019 15:41
Operator : JU/SJ
Sample : K2407-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-17-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

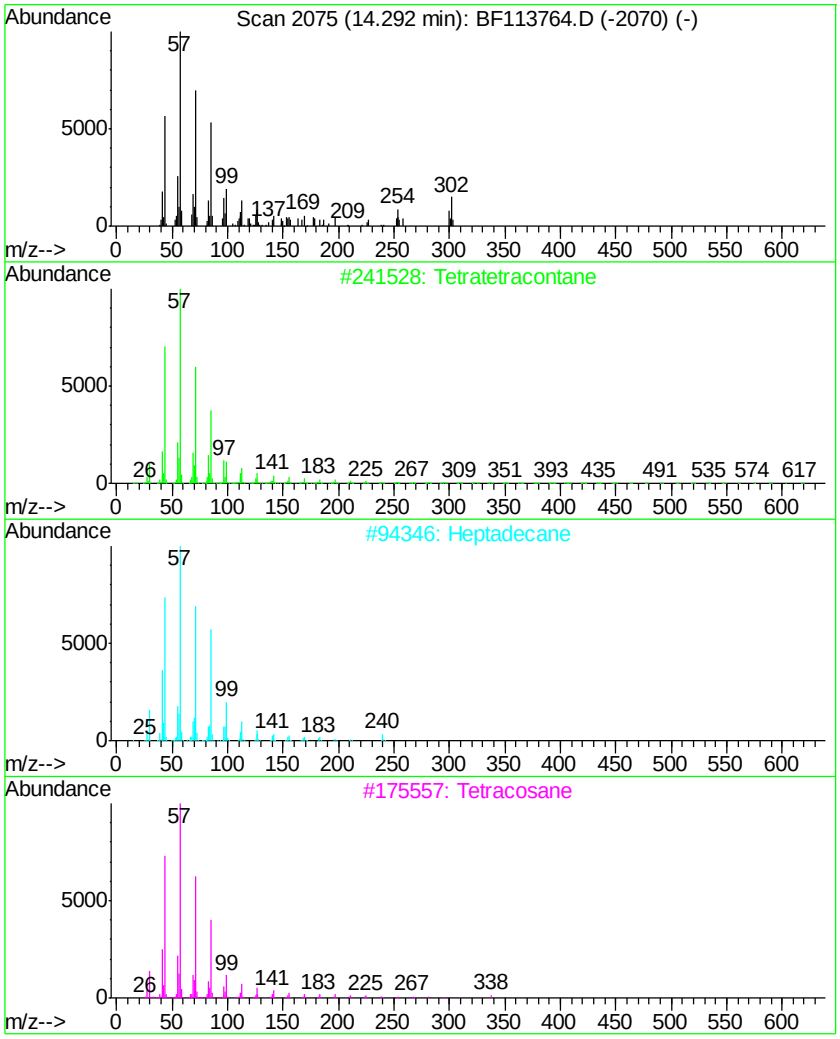
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

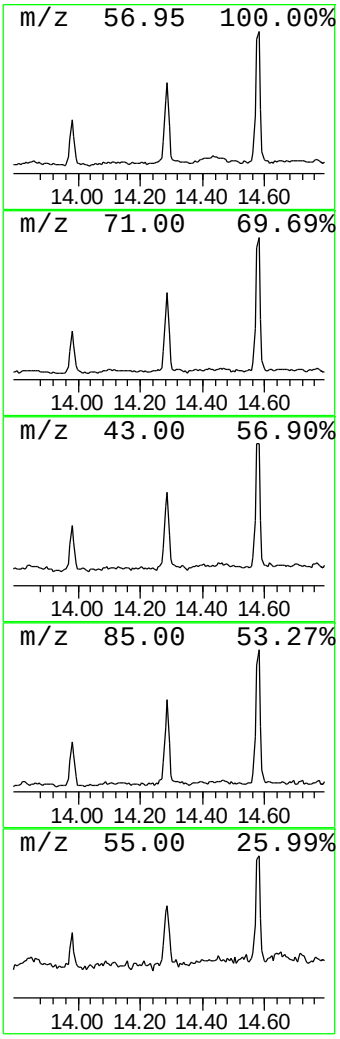
****

Peak Number 6 Tetratetracontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	2.16 ng	104945	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Heptadecane	240	C17H36	000629-78-7	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113764.D
Acq On : 15 Apr 2019 15:41
Operator : JU/SJ
Sample : K2407-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-17-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

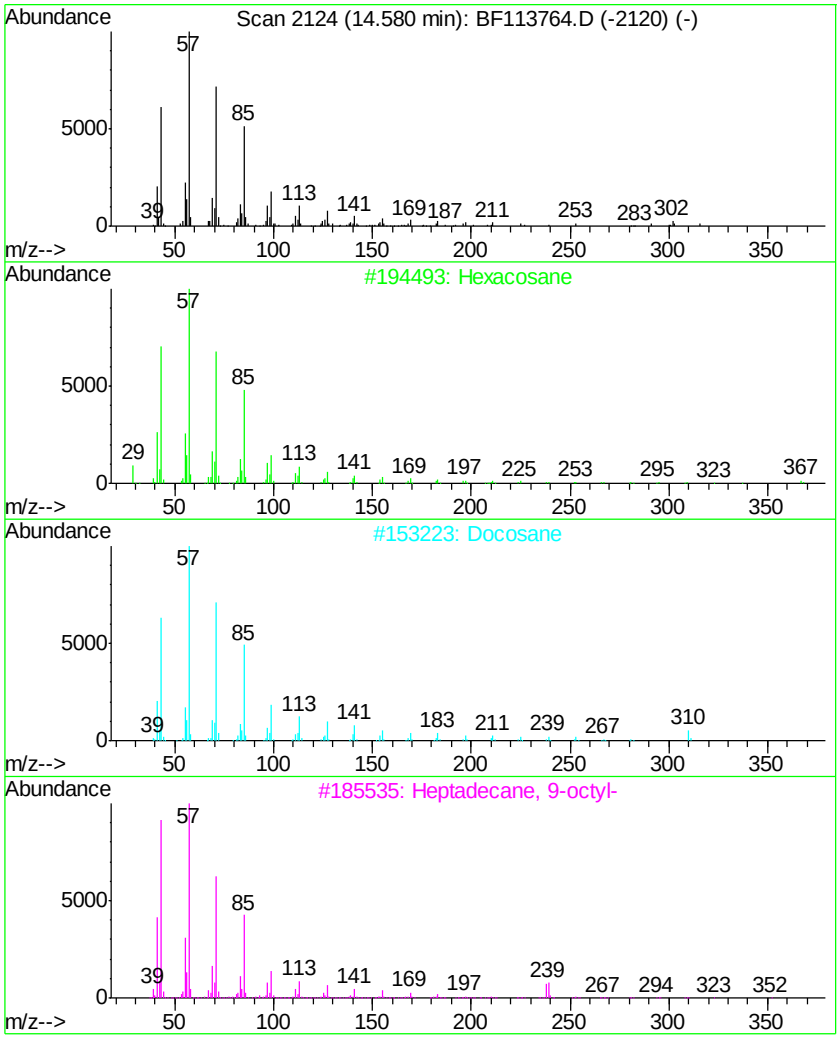
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

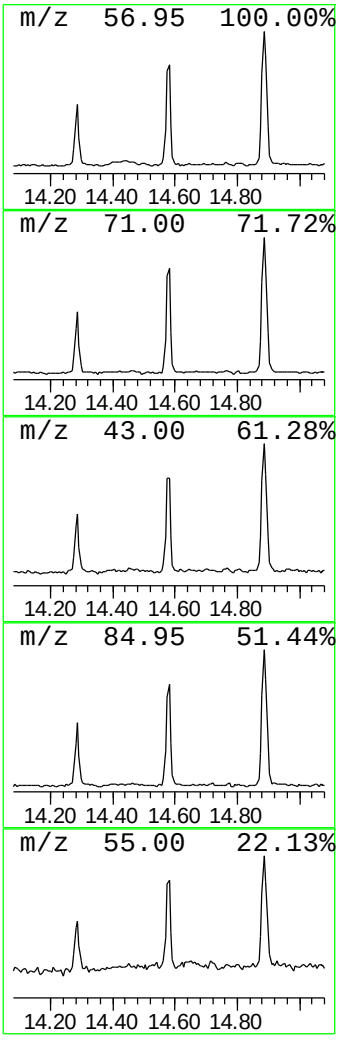
****

Peak Number 7 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	3.19 ng	192772	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Docosane	310	C22H46	000629-97-0	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Triacontane	422	C30H62	000638-68-6	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113764.D
Acq On : 15 Apr 2019 15:41
Operator : JU/SJ
Sample : K2407-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-17-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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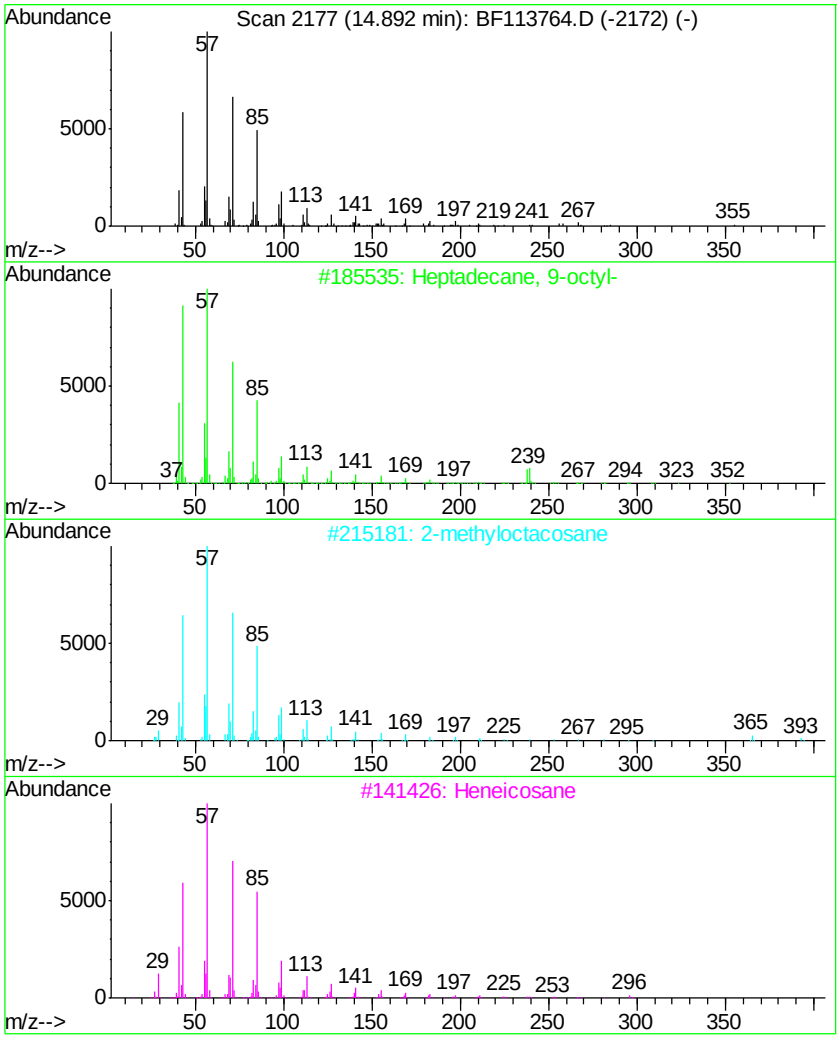
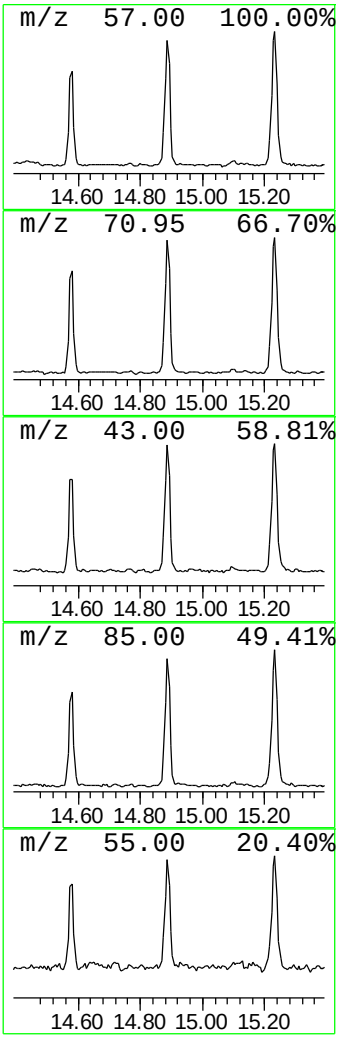
Peak Number 8 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	4.94 ng	298310	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
5	Octadecane	254	C18H38	000593-45-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113764.D
Acq On : 15 Apr 2019 15:41
Operator : JU/SJ
Sample : K2407-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-17-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

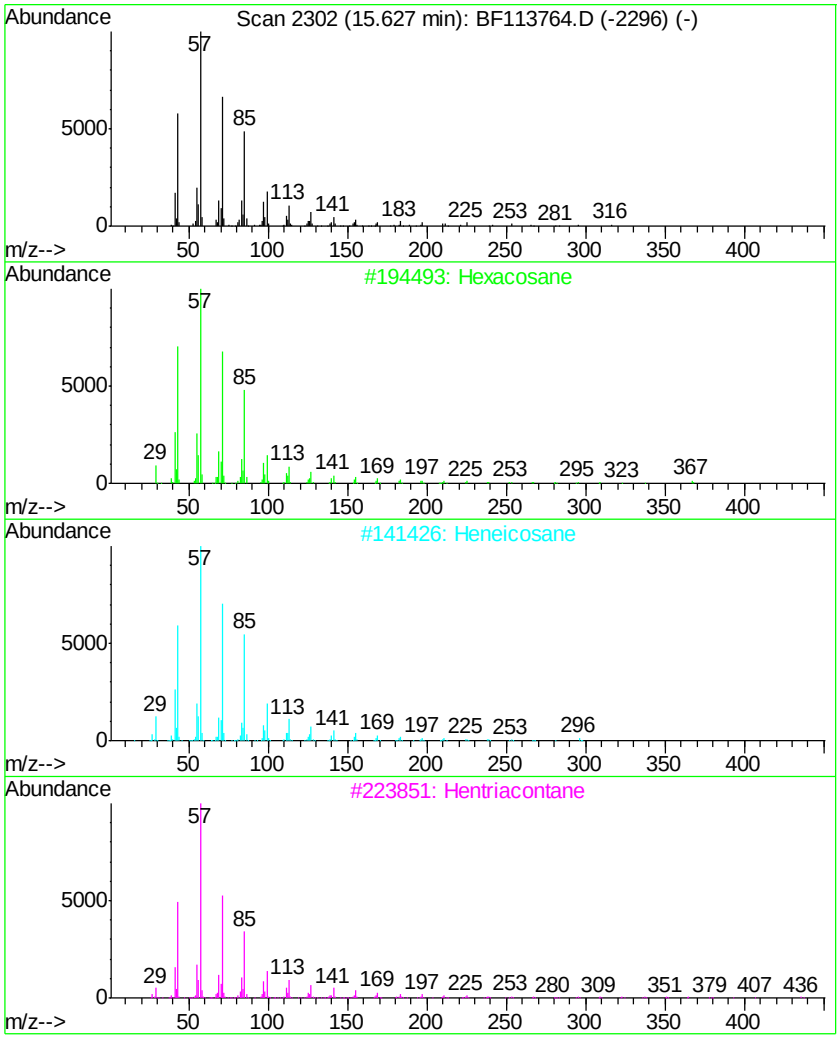
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

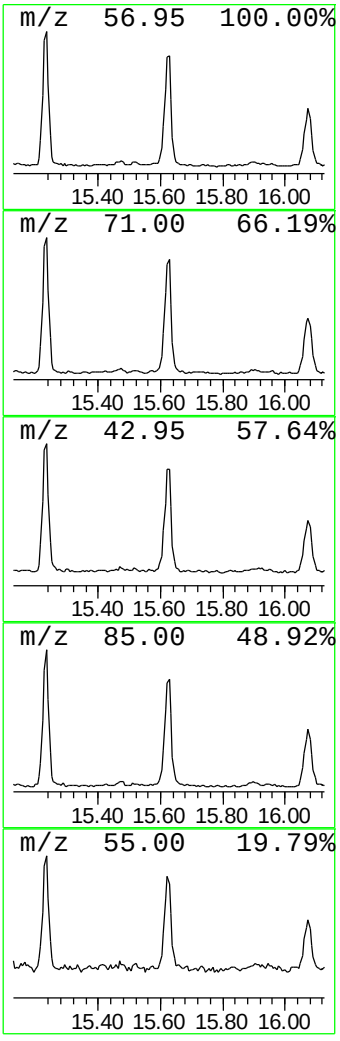
****

Peak Number 9 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	5.04 ng	304338	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Docosane	310	C22H46	000629-97-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113764.D
Acq On : 15 Apr 2019 15:41
Operator : JU/SJ
Sample : K2407-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-17-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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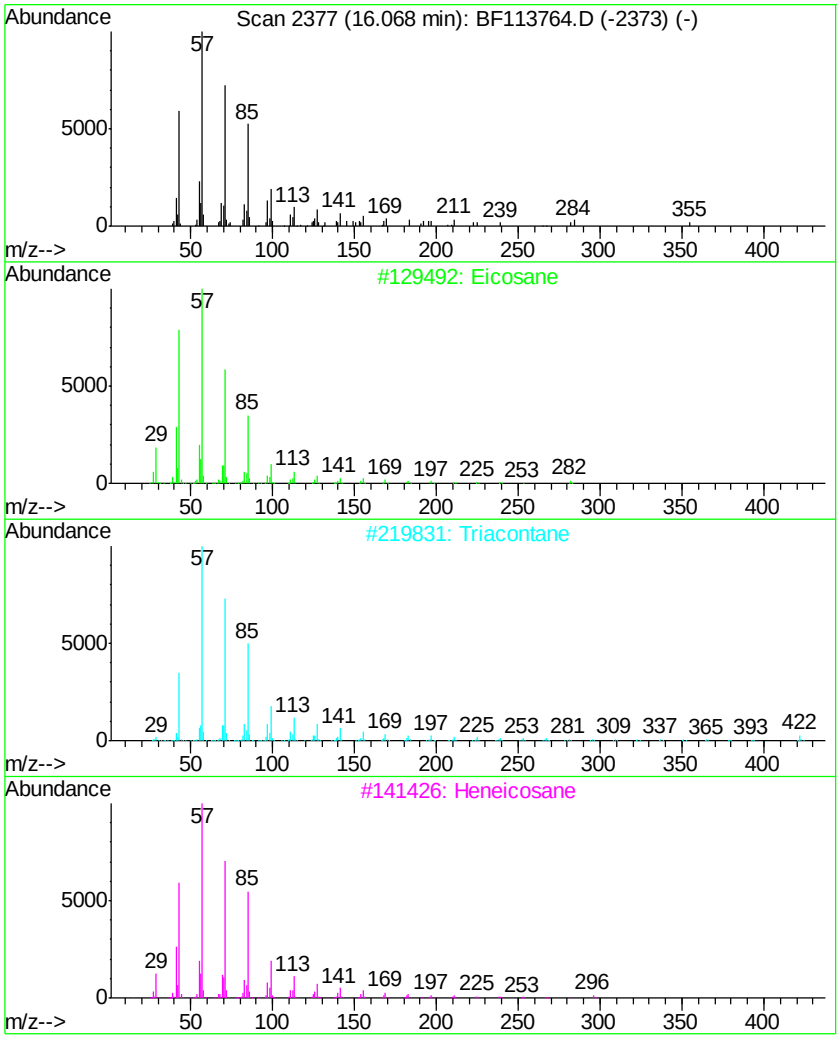
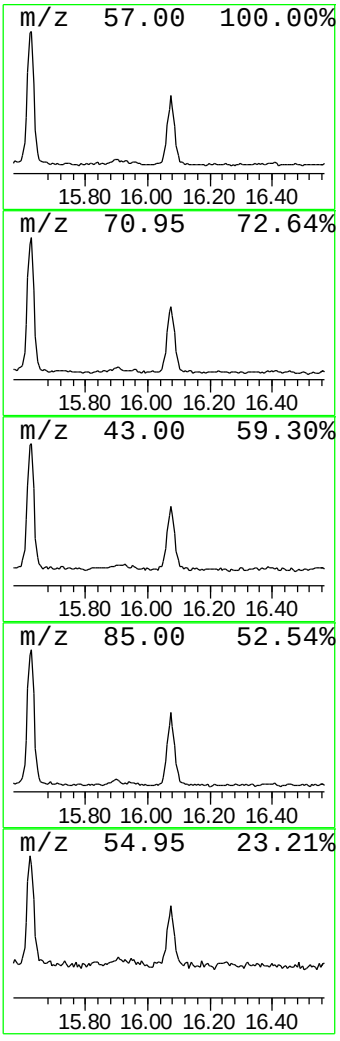
Peak Number 10 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	3.17 ng	191657	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Triacontane	422	C30H62	000638-68-6	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113764.D
Acq On : 15 Apr 2019 15:41
Operator : JU/SJ
Sample : K2407-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-17-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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
unknown6.45	6.45	57.0	ng	2063450	1	6.67	724321	20.0
n-Hexadecanoic acid	11.72	6.6	ng	386193	4	11.19	1173210	20.0
Octadecanoic acid	12.50	16.5	ng	802938	5	13.82	971851	20.0
Benzene, 1,1'-(1,...	12.63	2.1	ng	103770	5	13.82	971851	20.0
Tetratetracontane	14.29	2.2	ng	104945	5	13.82	971851	20.0
Hexacosane	14.58	3.2	ng	192772	6	15.23	1208620	20.0
Heptadecane, 9-oc...	14.89	4.9	ng	298310	6	15.23	1208620	20.0
Heneicosane	15.63	5.0	ng	304338	6	15.23	1208620	20.0
Eicosane	16.07	3.2	ng	191657	6	15.23	1208620	20.0