LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114746.D
Acq On : 1 Jun 2019 10:27
Operator : HP/JU
Sample : K3097-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0428-HR-8(HACKENSACK)

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-BF052919.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	5.304	541	547	550	rBV	7147106	8170791	83.30%	9.315%
2	6.334	715	722	725	rBV	7137429	8544112	87.10%	9.741%
3	6.463	739	744	747	rBV	8039669	8727801	88.97%	9.950%
4	6.692	779	783	787	rBV	2615469	2142020	21.84%	2.442%
5	6.851	806	810	813	rBV	7506075	6695120	68.25%	7.633%
6	7.251	873	878	881	rBV	5021614	5541969	56.50%	6.318%
7	7.975	996	1001	1004	rBV	2939057	2759484	28.13%	3.146%
8	9.051	1178	1184	1187	rBV	9407894	9450737	96.34%	10.774%
9	9.439	1246	1250	1253	rBV	939831	748983	7.64%	0.854%
10	9.716	1292	1297	1301	rBV	3318102	3219133	32.82%	3.670%
11	10.504	1425	1431	1434	rBV	5473173	5680710	57.91%	6.476%
12	11.192	1544	1548	1551	rBV	4093652	3489277	35.57%	3.978%
13	11.733	1635	1640	1644	rBV	536791	599223	6.11%	0.683%
14	12.392	1749	1752	1756	rBV	567244	485265	4.95%	0.553%
15	12.516	1768	1773	1785	rBV	782380	1060920	10.82%	1.210%
16	12.616	1785	1790	1793	rVB2	398403	432118	4.41%	0.493%
17	12.780	1812	1818	1821	rBV	8990811	9809400	100.00%	11.183%
18	12.951	1841	1847	1851	rVB2	96566	128985	1.31%	0.147%
19	13.016	1853	1858	1861	rBV2	125679	145956	1.49%	0.166%
20	13.680	1967	1971	1983	rBV	920048	1183591	12.07%	1.349%
21	13.810	1988	1993	1996	rBV	3163341	3199630	32.62%	3.648%
22	14.004	2023	2026	2035	rVB2	178593	201302	2.05%	0.229%
23	14.310	2075	2078	2082	rBV	241169	223717	2.28%	0.255%
24	14.604	2124	2128	2132	rBV	292239	275699	2.81%	0.314%
25	14.668	2136	2139	2145	rVB	196237	203199	2.07%	0.232%
26	14.810	2159	2163	2165	rBV	113777	135508	1.38%	0.154%
27	14.915	2177	2181	2185	rBV	304815	332168	3.39%	0.379%
28	15.198	2224	2229	2236	rBV	2305809	2655544	27.07%	3.027%
29	15.263	2236	2240	2249	rVB	314809	389181	3.97%	0.444%
30	15.657	2303	2307	2312	rBV	230014	329929	3.36%	0.376%
31	15.704	2312	2315	2325	rVB9	64553	138941	1.42%	0.158%
32	16.115	2381	2385	2393	rVB	173332	293204	2.99%	0.334%
33	16.657	2471	2477	2483	rBV2	89014	175977	1.79%	0.201%
34	17.280	2579	2583	2592	rVB2	65109	144887	1.48%	0.165%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114746.D
Acq On : 1 Jun 2019 10:27
Operator : HP/JU
Sample : K3097-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

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-BF052919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 87714481

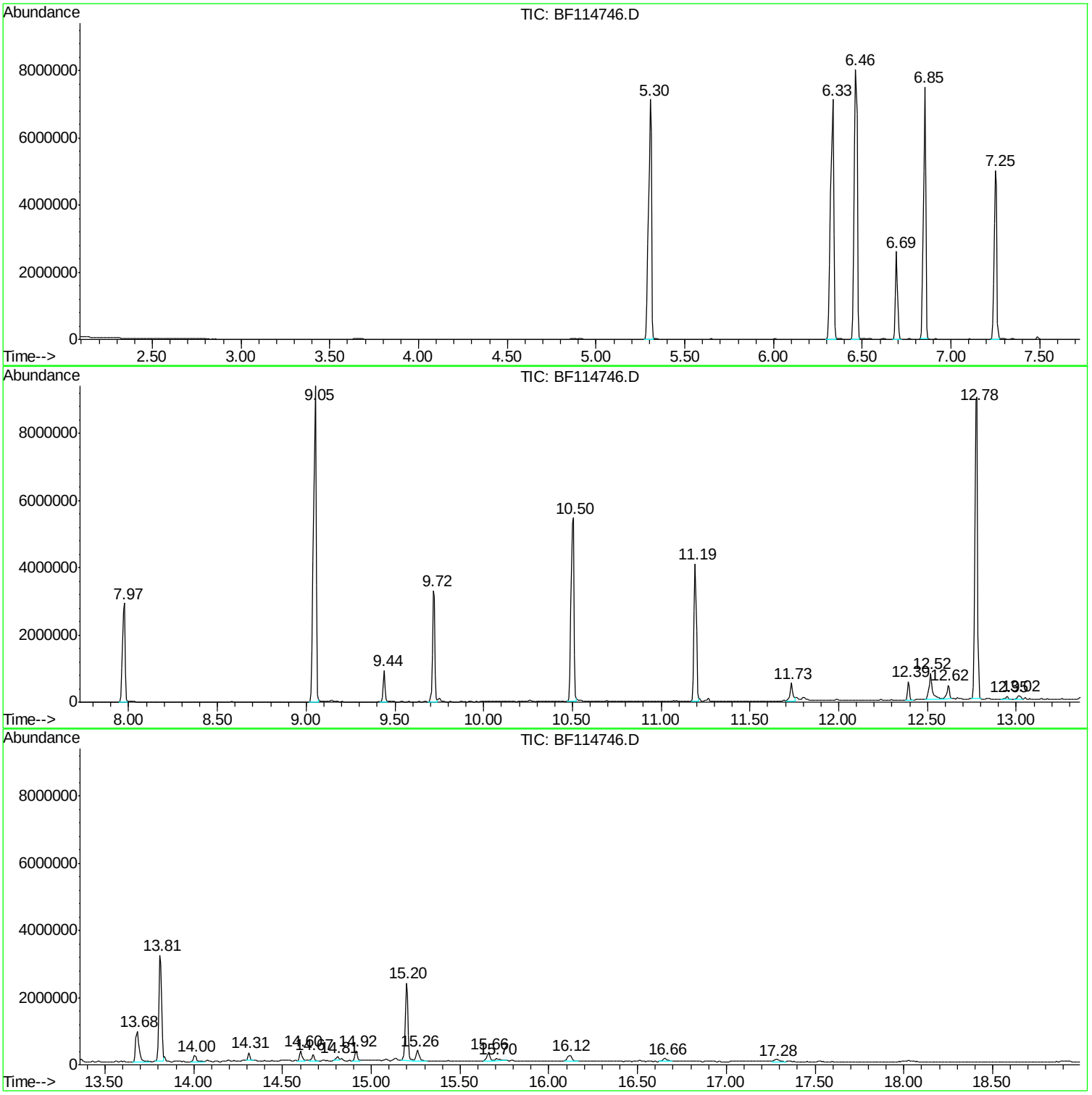
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114746.D
Acq On : 1 Jun 2019 10:27
Operator : HP/JU
Sample : K3097-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0428-HR-8(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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\BF060119\
Data File : BF114746.D
Acq On : 1 Jun 2019 10:27
Operator : HP/JU
Sample : K3097-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0428-HR-8(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

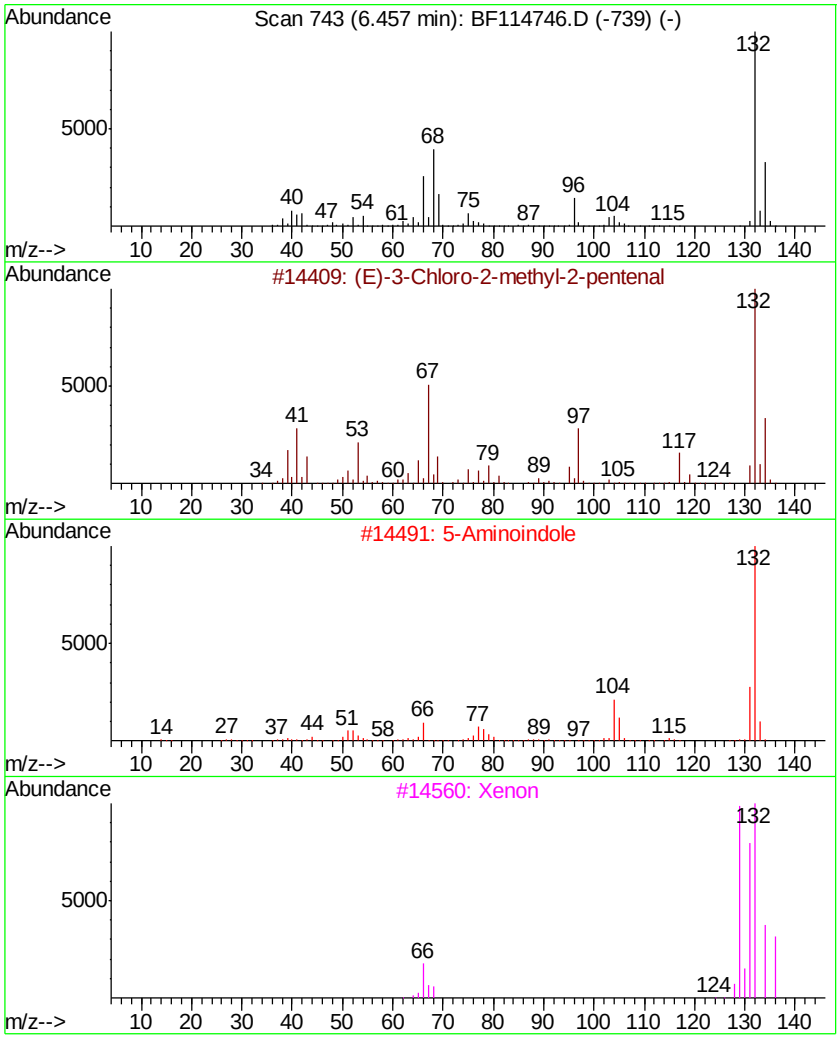
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

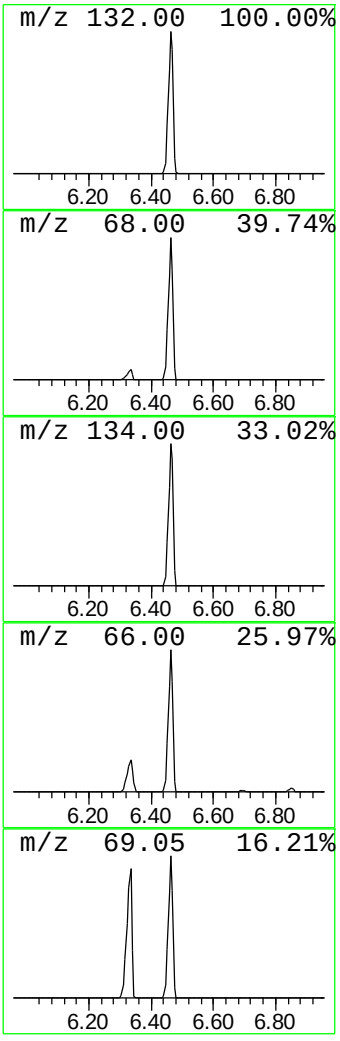
****

Peak Number 1 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	81.49 ng	8727800	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Xenon	132	Xe	007440-63-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114746.D
Acq On : 1 Jun 2019 10:27
Operator : HP/JU
Sample : K3097-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0428-HR-8(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

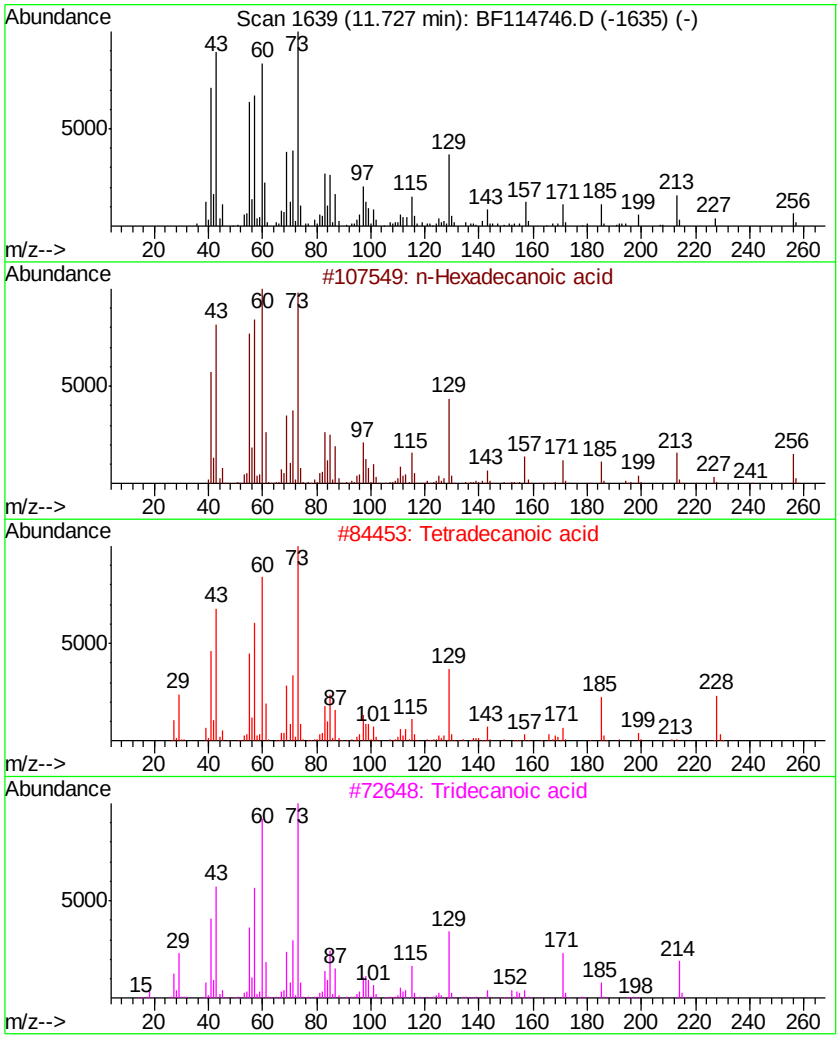
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

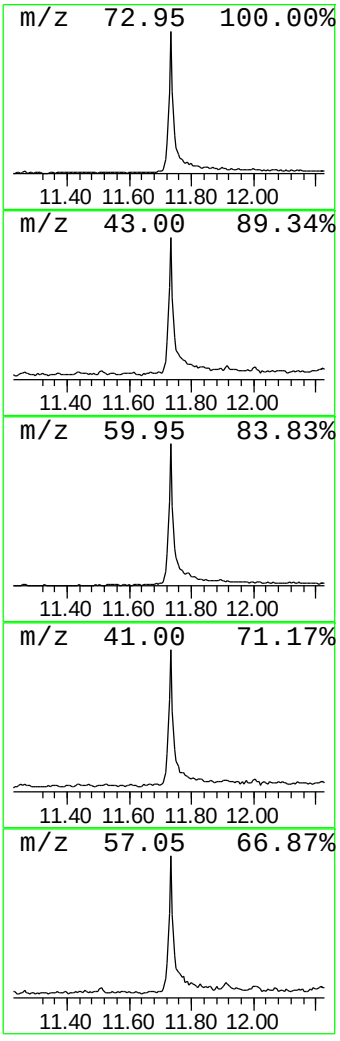
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	3.43 ng	599223	Phenanthrene-d10	11.19

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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114746.D
Acq On : 1 Jun 2019 10:27
Operator : HP/JU
Sample : K3097-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0428-HR-8(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

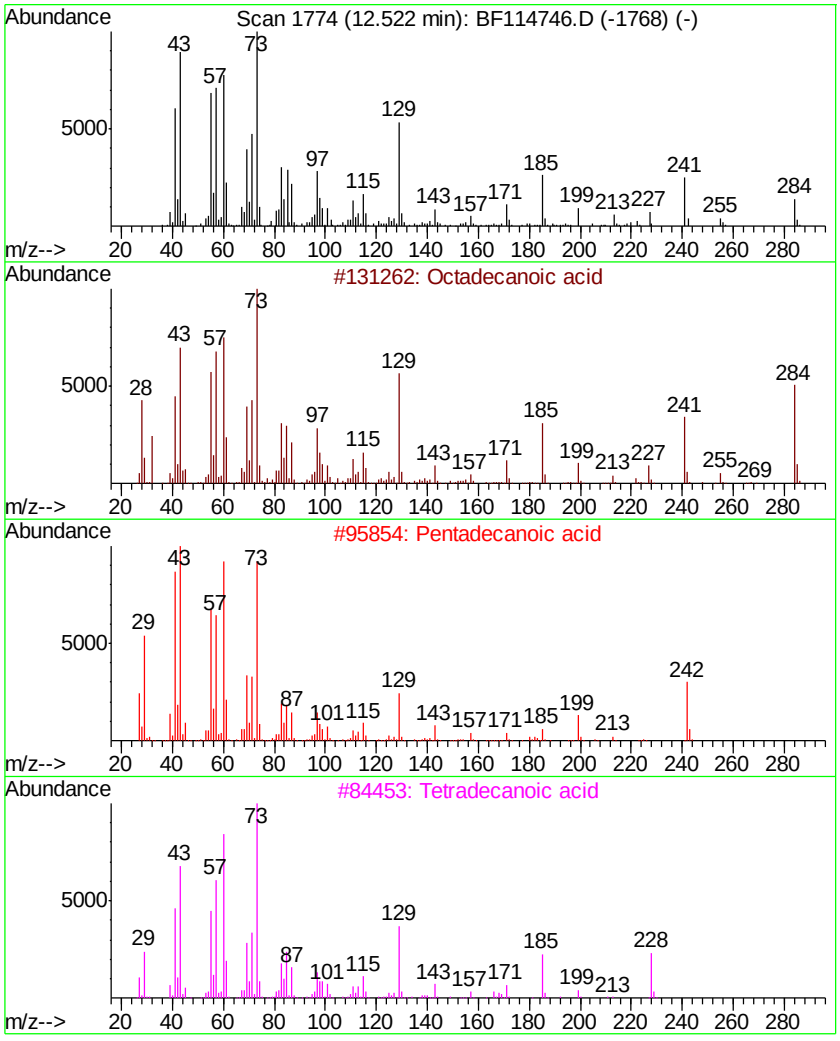
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

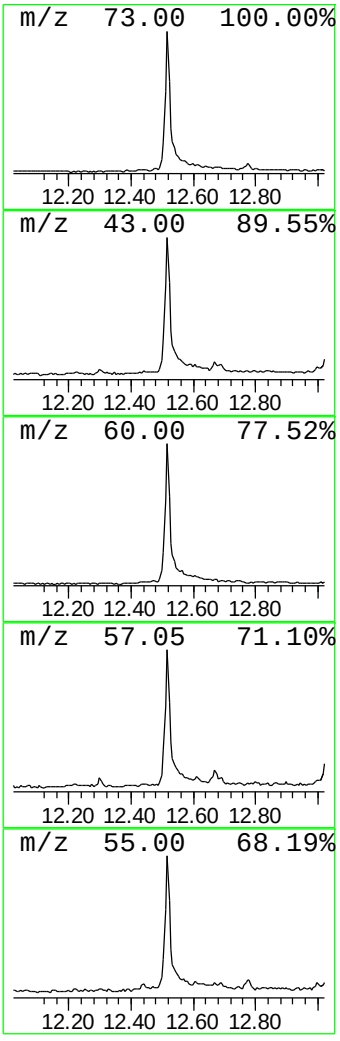
****

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	6.63 ng	1060920	Chrysene-d12	13.81

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114746.D
Acq On : 1 Jun 2019 10:27
Operator : HP/JU
Sample : K3097-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0428-HR-8(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

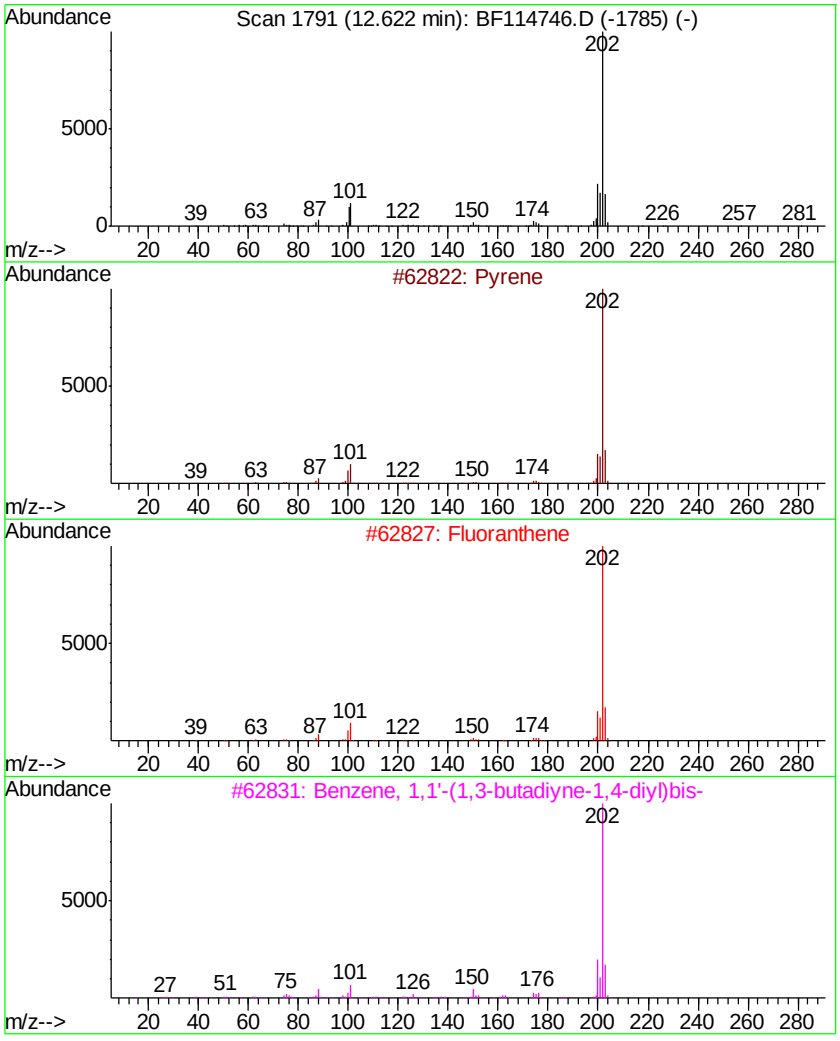
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

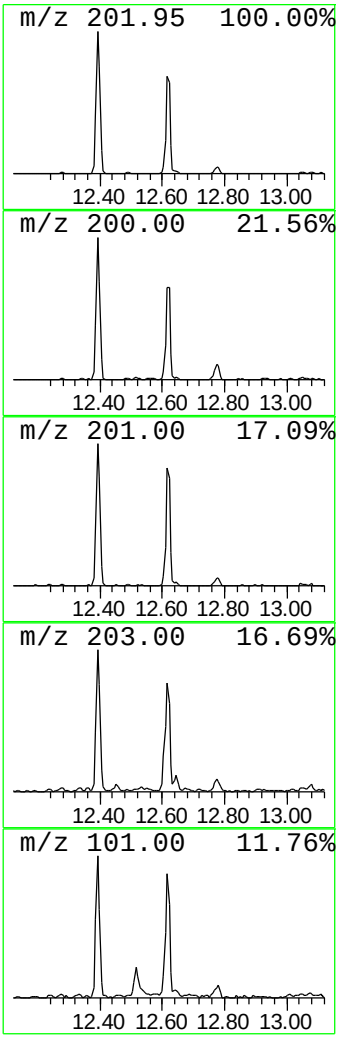
****

Peak Number 5 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	2.70 ng	432118	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene	202	C16H10	000129-00-0	95
2	Fluoranthene	202	C16H10	000206-44-0	81
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	59
4	4,5-Dihydronaphtho(2,1-d)thiazol...	202	C11H10N2S	034176-49-3	42
5	2-Butenamide, 3-methyl-N-1H-puri...	217	C10H11N5O	021589-34-4	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114746.D
Acq On : 1 Jun 2019 10:27
Operator : HP/JU
Sample : K3097-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0428-HR-8(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

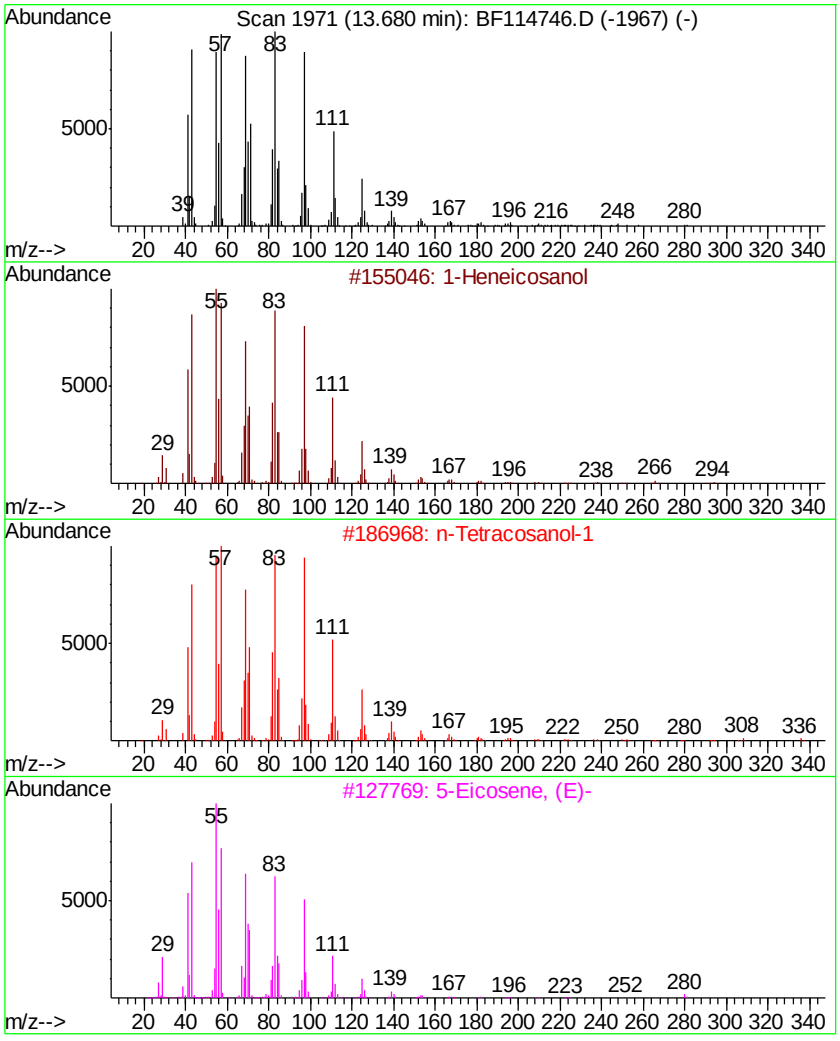
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

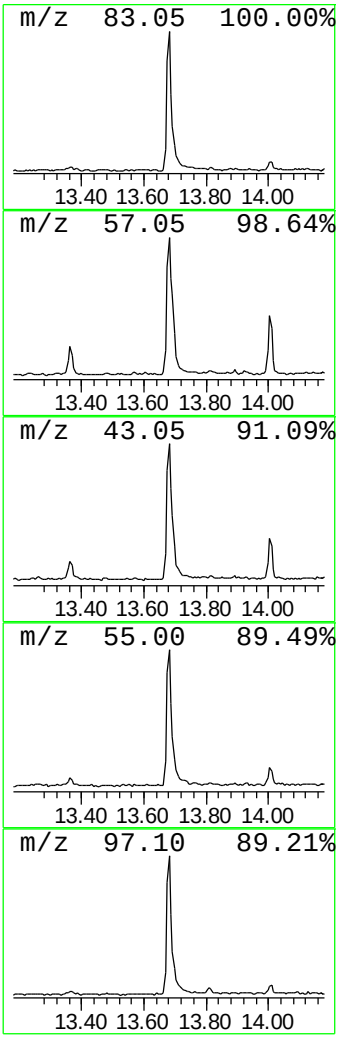
****

Peak Number 6 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	7.40 ng	1183590	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
4	1-Nonadecene	266	C19H38	018435-45-5	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Library Search Compound Report

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Acq On : 1 Jun 2019 10:27
Operator : HP/JU
Sample : K3097-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0428-HR-8(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

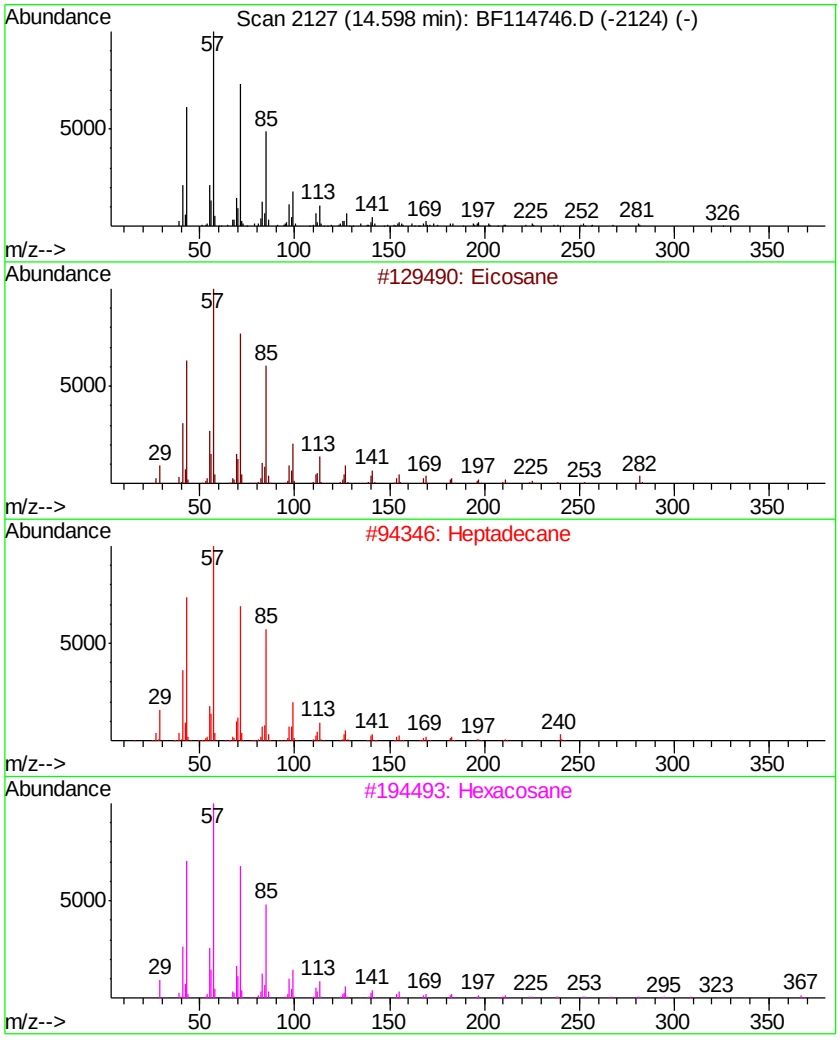
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

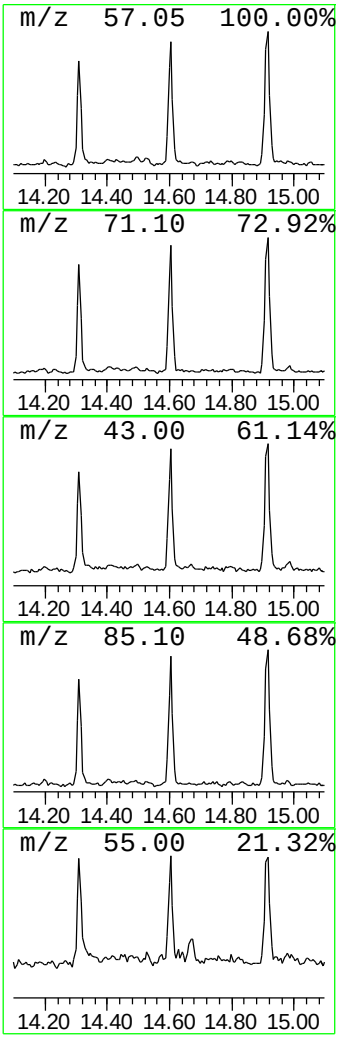
****

Peak Number 7 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.08 ng	275699	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heptadecane	240	C17H36	000629-78-7	94
3	Hexacosane	366	C26H54	000630-01-3	91
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\BF060119\
Data File : BF114746.D
Acq On : 1 Jun 2019 10:27
Operator : HP/JU
Sample : K3097-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0428-HR-8(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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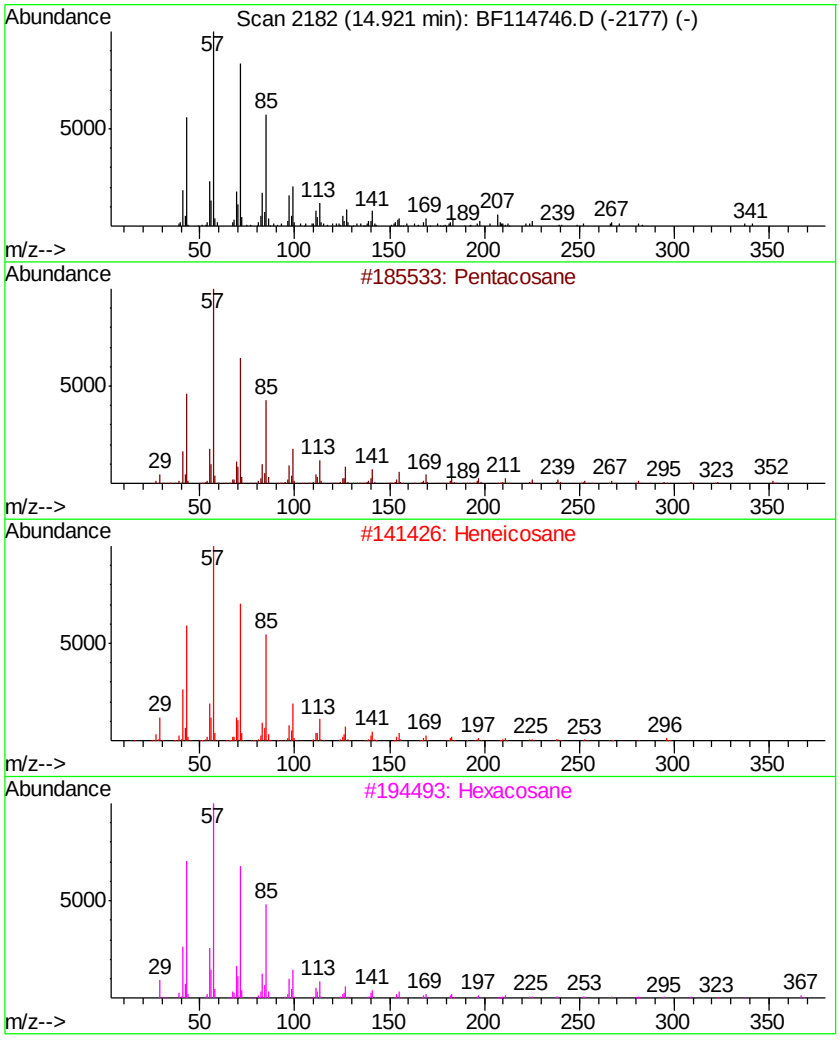
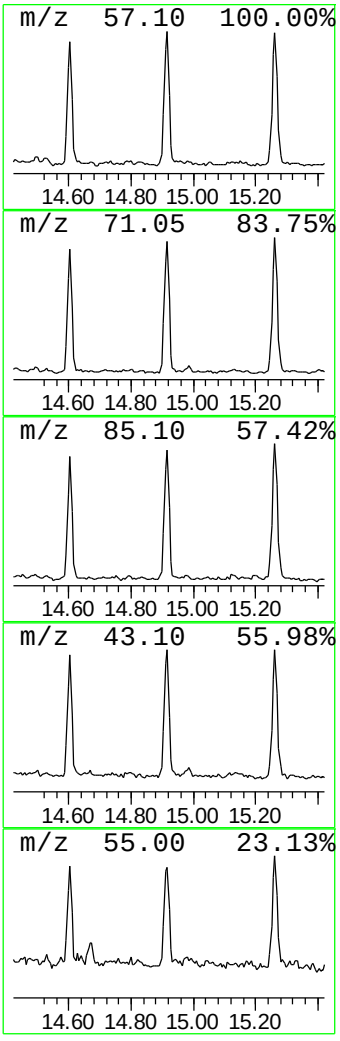
Peak Number 8 Pentacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.50 ng	332168	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114746.D
Acq On : 1 Jun 2019 10:27
Operator : HP/JU
Sample : K3097-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0428-HR-8(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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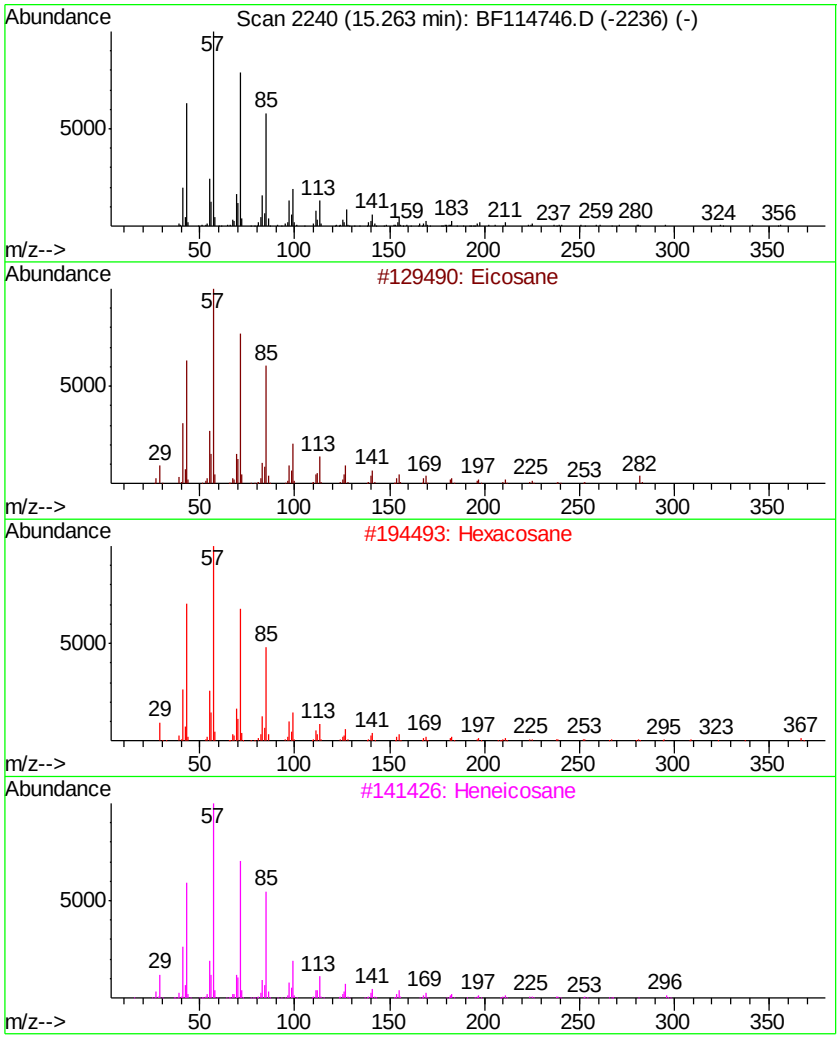
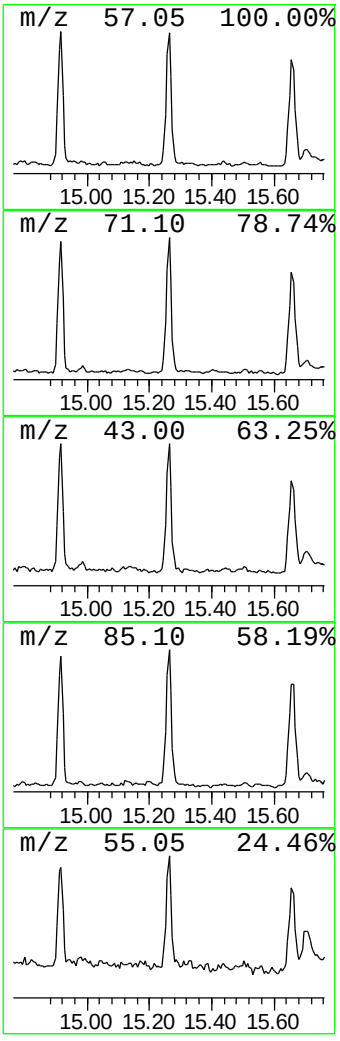
Peak Number 9 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	2.93 ng	389181	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Hexacosane	366	C26H54	000630-01-3	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114746.D
Acq On : 1 Jun 2019 10:27
Operator : HP/JU
Sample : K3097-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0428-HR-8(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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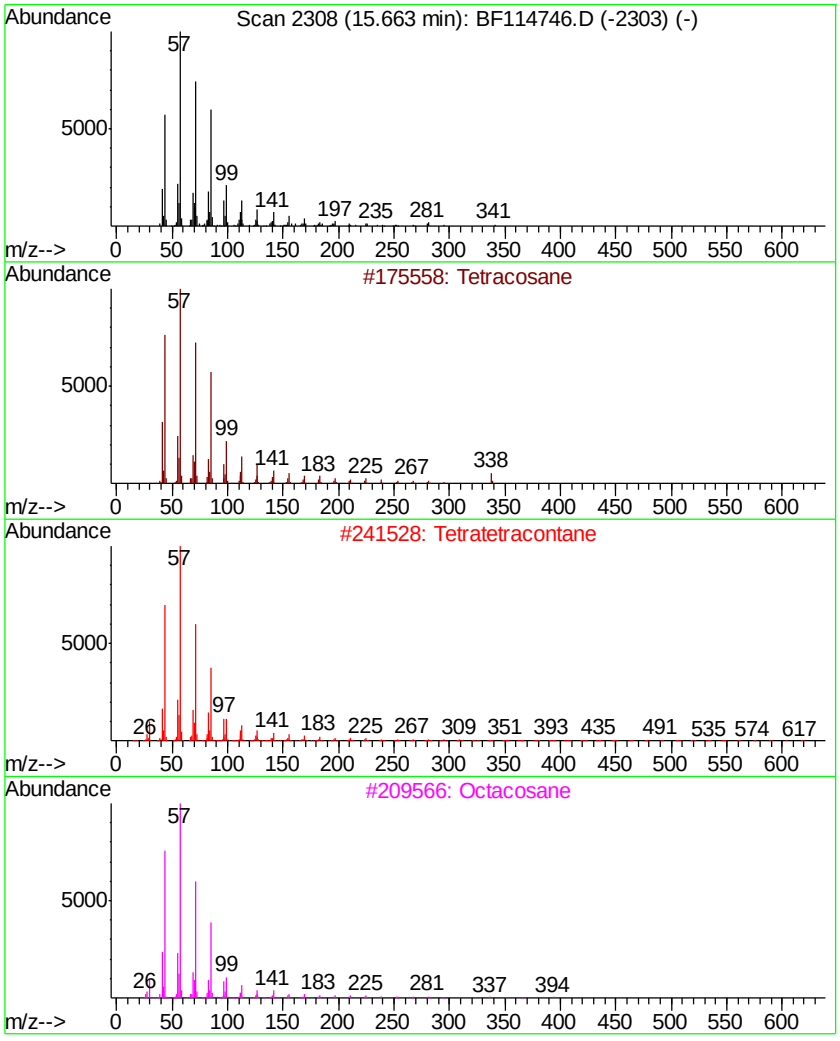
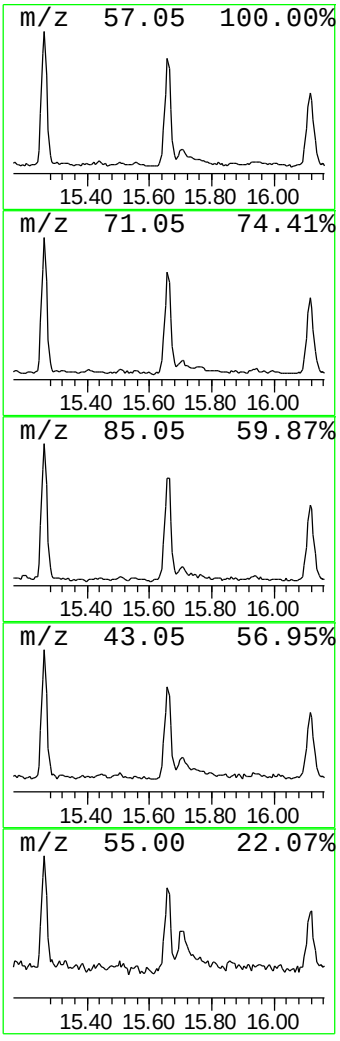
Peak Number 10 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.48 ng	329929	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114746.D
Acq On : 1 Jun 2019 10:27
Operator : HP/JU
Sample : K3097-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0428-HR-8(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

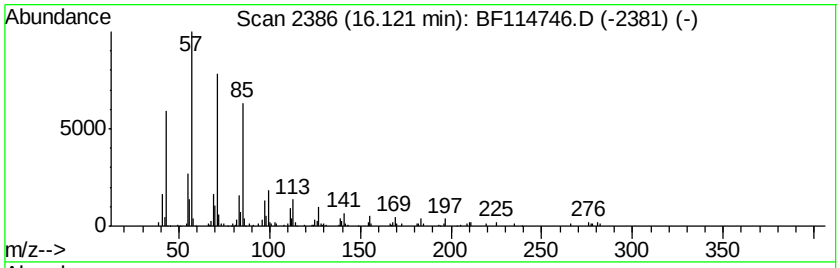
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

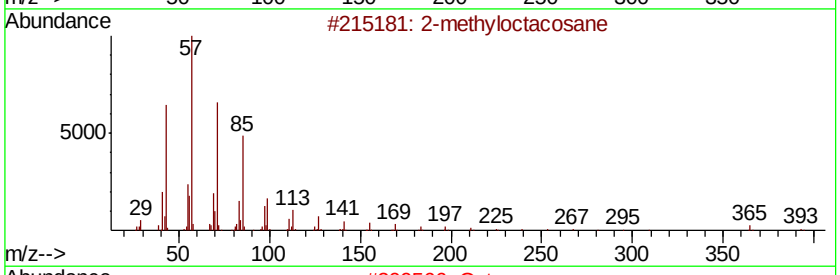
****

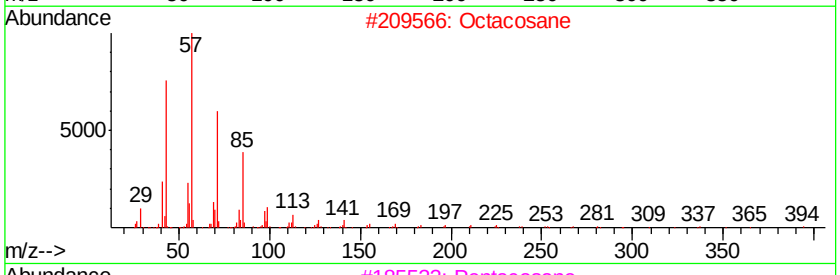
Peak Number 11 2-methyloctacosane Concentration Rank 10

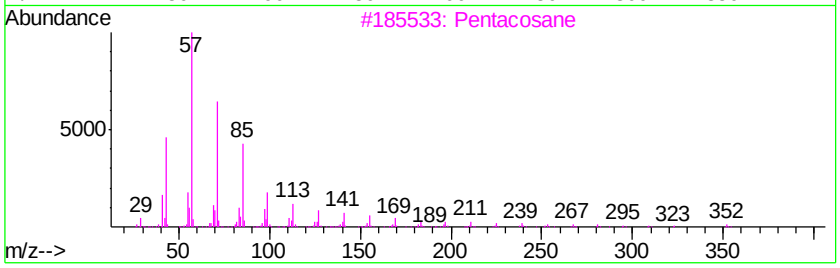
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	2.21 ng	293204	Perylene-d12	15.20

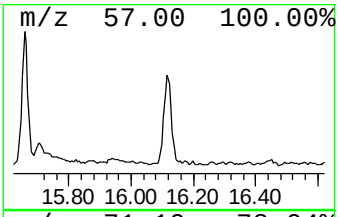
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Heneicosane	296	C21H44	000629-94-7	91

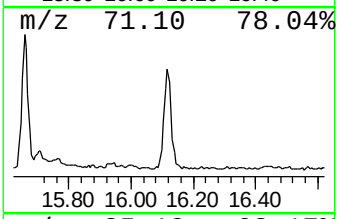


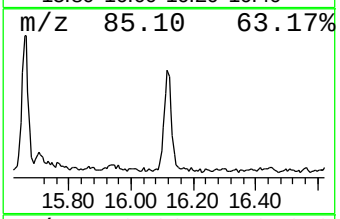


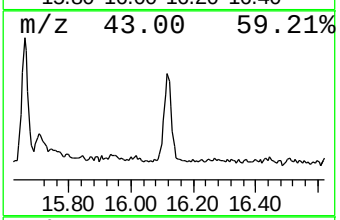


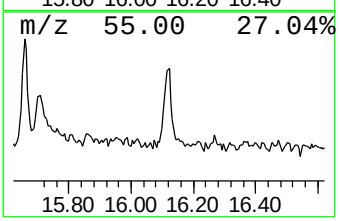












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\
Data File : BF114746.D
Acq On : 1 Jun 2019 10:27
Operator : HP/JU
Sample : K3097-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0428-HR-8(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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
unknown6.46	6.46	81.5	ng	8727800	1	6.69	2142020	20.0
n-Hexadecanoic acid	11.73	3.4	ng	599223	4	11.19	3489280	20.0
Octadecanoic acid	12.52	6.6	ng	1060920	5	13.81	3199630	20.0
Benzene, 1,1'-(1,...	12.62	2.7	ng	432118	5	13.81	3199630	20.0
1-Heneicosanol	13.68	7.4	ng	1183590	5	13.81	3199630	20.0
Eicosane	14.60	2.1	ng	275699	6	15.20	2655540	20.0
Pentacosane	14.92	2.5	ng	332168	6	15.20	2655540	20.0
Hexacosane	15.26	2.9	ng	389181	6	15.20	2655540	20.0
Tetracosane	15.66	2.5	ng	329929	6	15.20	2655540	20.0
2-methyloctacosane	16.12	2.2	ng	293204	6	15.20	2655540	20.0