LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117487.D
Acq On : 23 Oct 2019 17:11
Operator : JU
Sample : K5494-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP3-5FT

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-BF101819.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	5.351	552	555	578	rBV	922978	982964	81.37%	9.002%
2	6.381	726	730	747	rBV	1112886	1109079	91.81%	10.157%
3	6.504	747	751	760	rVB	1313310	1116590	92.43%	10.226%
4	6.728	786	789	802	rBV	253460	264343	21.88%	2.421%
5	6.887	812	816	830	rBV	942043	801859	66.37%	7.343%
6	7.298	882	886	909	rBV	644627	667373	55.24%	6.112%
7	8.010	1004	1007	1031	rBV	353780	349037	28.89%	3.196%
8	9.086	1186	1190	1193	rBV	1463258	1194068	98.84%	10.935%
9	9.481	1254	1257	1272	rBB	160763	136112	11.27%	1.246%
10	9.763	1301	1305	1321	rBB	476650	410121	33.95%	3.756%
11	10.104	1360	1363	1365	rBB	19252	13968	1.16%	0.128%
12	10.551	1435	1439	1457	rBV	749239	734757	60.82%	6.729%
13	11.245	1554	1557	1567	rBV	397188	413638	34.24%	3.788%
14	11.780	1644	1648	1657	rBV	77893	91131	7.54%	0.835%
15	12.469	1762	1765	1769	rBV	24105	24239	2.01%	0.222%
16	12.557	1777	1780	1790	rBV2	15590	23979	1.98%	0.220%
17	12.692	1798	1803	1807	rBV2	19288	23416	1.94%	0.214%
18	12.833	1822	1827	1830	rBV	1354342	1208076	100.00%	11.063%
19	13.727	1975	1979	1997	rBV2	150442	259082	21.45%	2.373%
20	13.892	2003	2007	2015	rBV	327452	370284	30.65%	3.391%
21	14.039	2028	2032	2036	rBV	20860	23882	1.98%	0.219%
22	14.345	2079	2084	2087	rBV	35710	37473	3.10%	0.343%
23	14.368	2087	2088	2098	rVB6	9447	19257	1.59%	0.176%
24	14.639	2131	2134	2138	rBV	42808	42020	3.48%	0.385%
25	14.957	2184	2188	2193	rVB	54620	64511	5.34%	0.591%
26	15.315	2244	2249	2261	rBV	240180	320140	26.50%	2.932%
27	15.715	2312	2317	2323	rBV2	39012	57166	4.73%	0.524%
28	15.798	2323	2331	2341	rBV8	22935	82773	6.85%	0.758%
29	16.180	2389	2396	2401	rBV4	22585	41467	3.43%	0.380%
30	16.727	2485	2489	2498	rVB6	9519	21784	1.80%	0.199%
31	16.868	2505	2513	2515	rBV5	6834	15049	1.25%	0.138%

Sum of corrected areas: 10919638

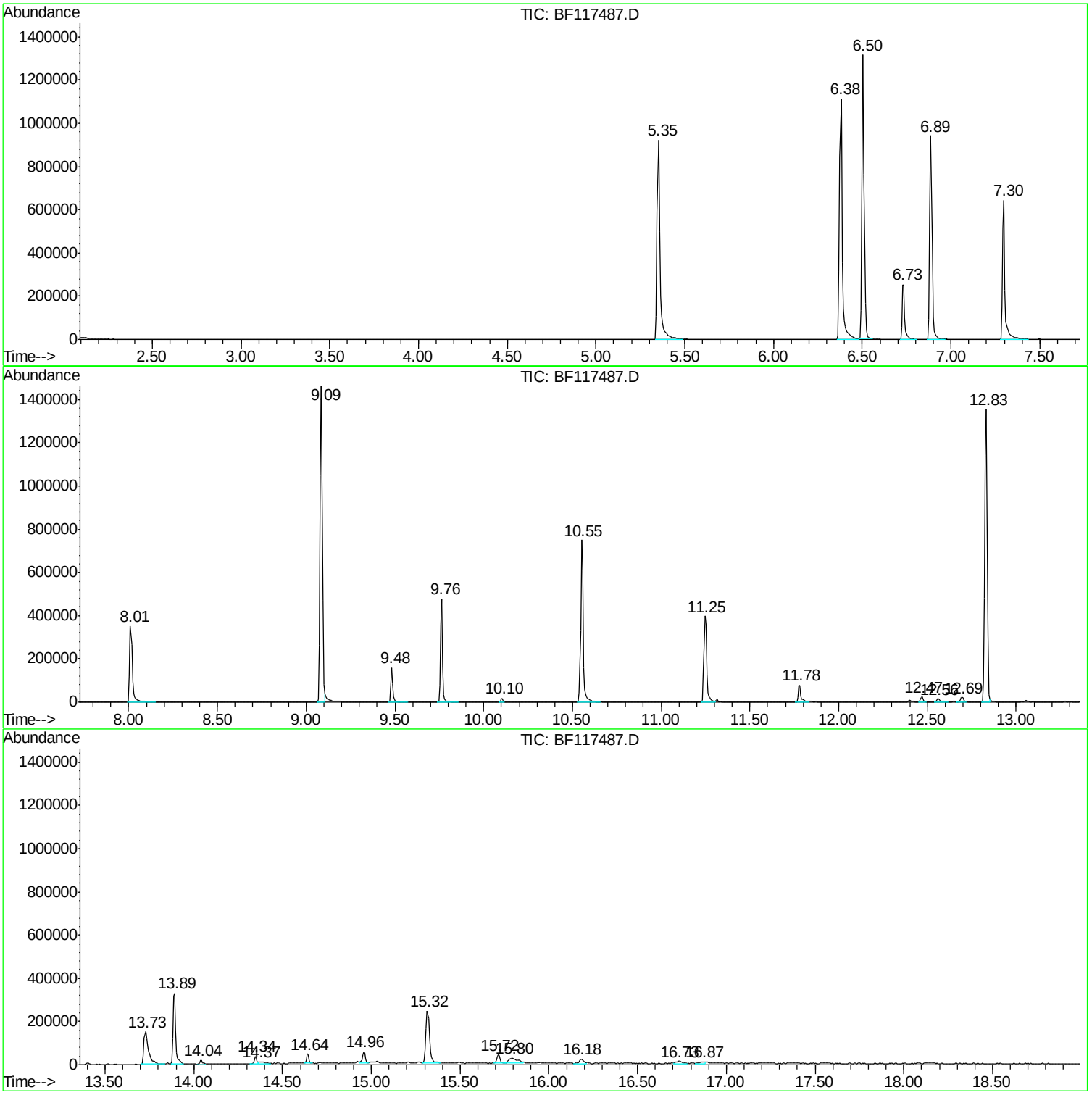
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117487.D
Acq On : 23 Oct 2019 17:11
Operator : JU
Sample : K5494-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP3-5FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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\BF102319\
Data File : BF117487.D
Acq On : 23 Oct 2019 17:11
Operator : JU
Sample : K5494-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP3-5FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

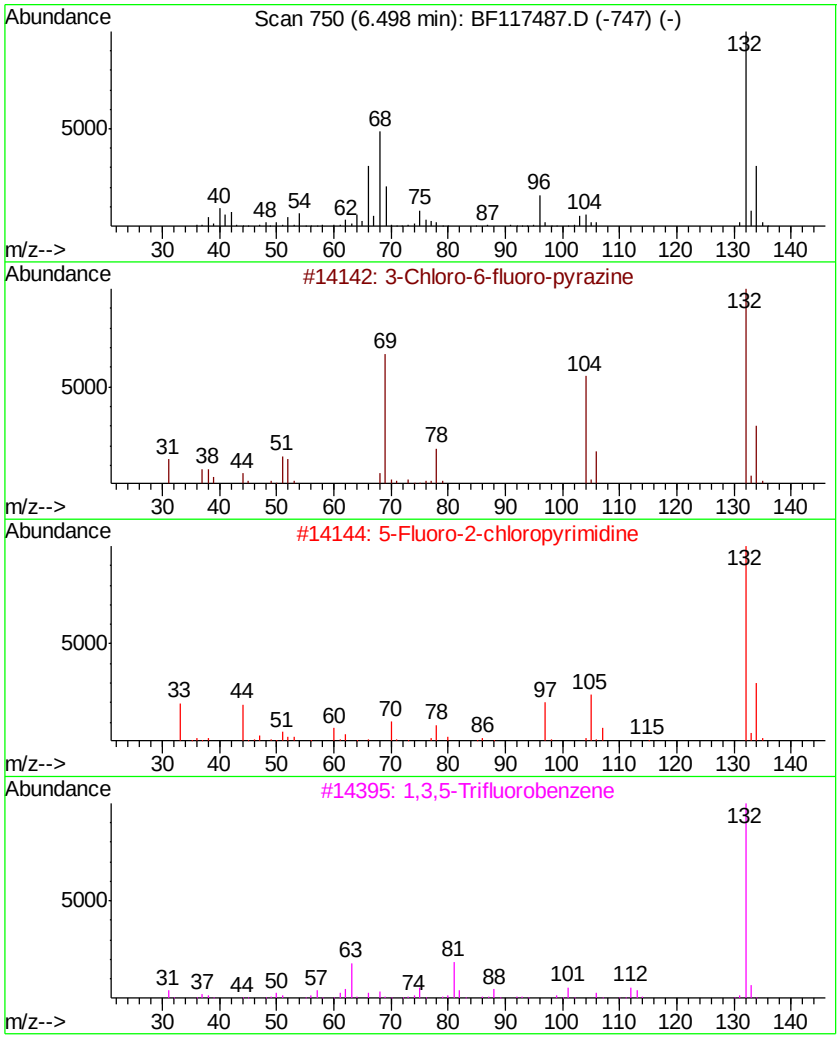
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

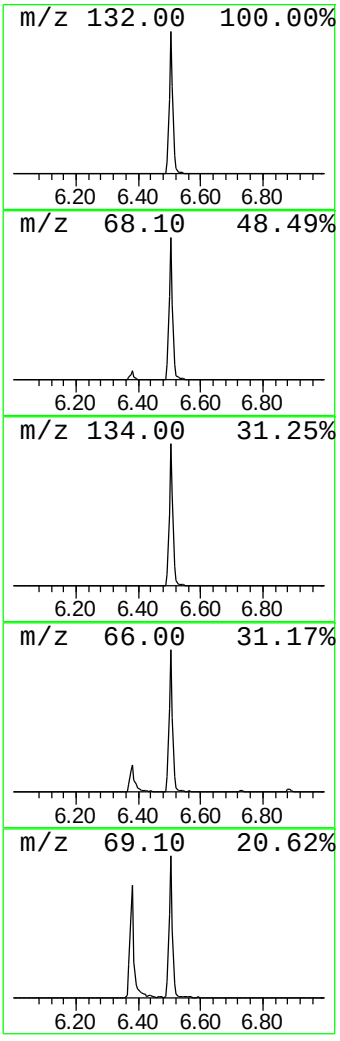
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	84.48 ng	1116590	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117487.D
Acq On : 23 Oct 2019 17:11
Operator : JU
Sample : K5494-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP3-5FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

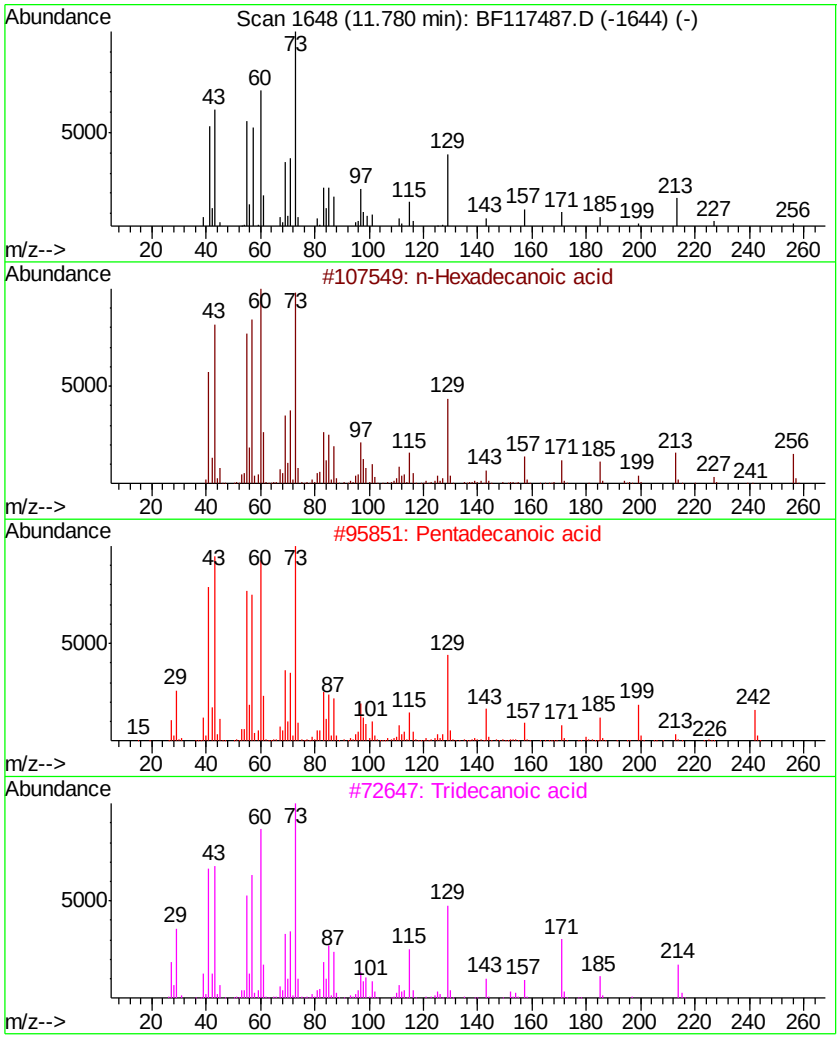
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

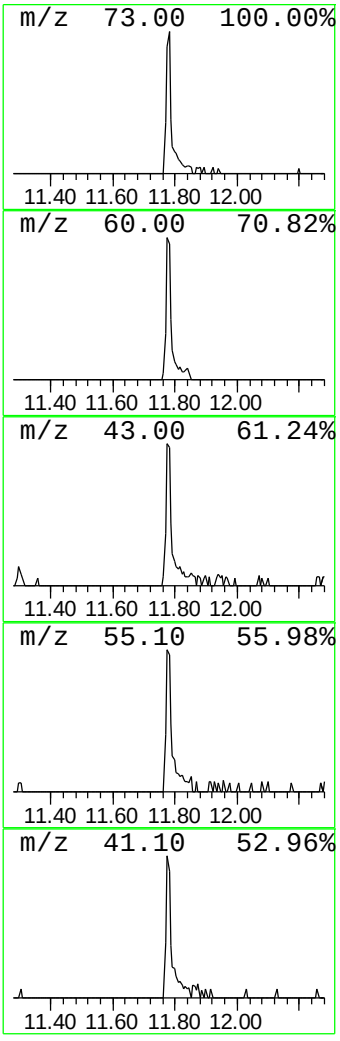
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	4.41 ng	91131	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117487.D
Acq On : 23 Oct 2019 17:11
Operator : JU
Sample : K5494-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP3-5FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

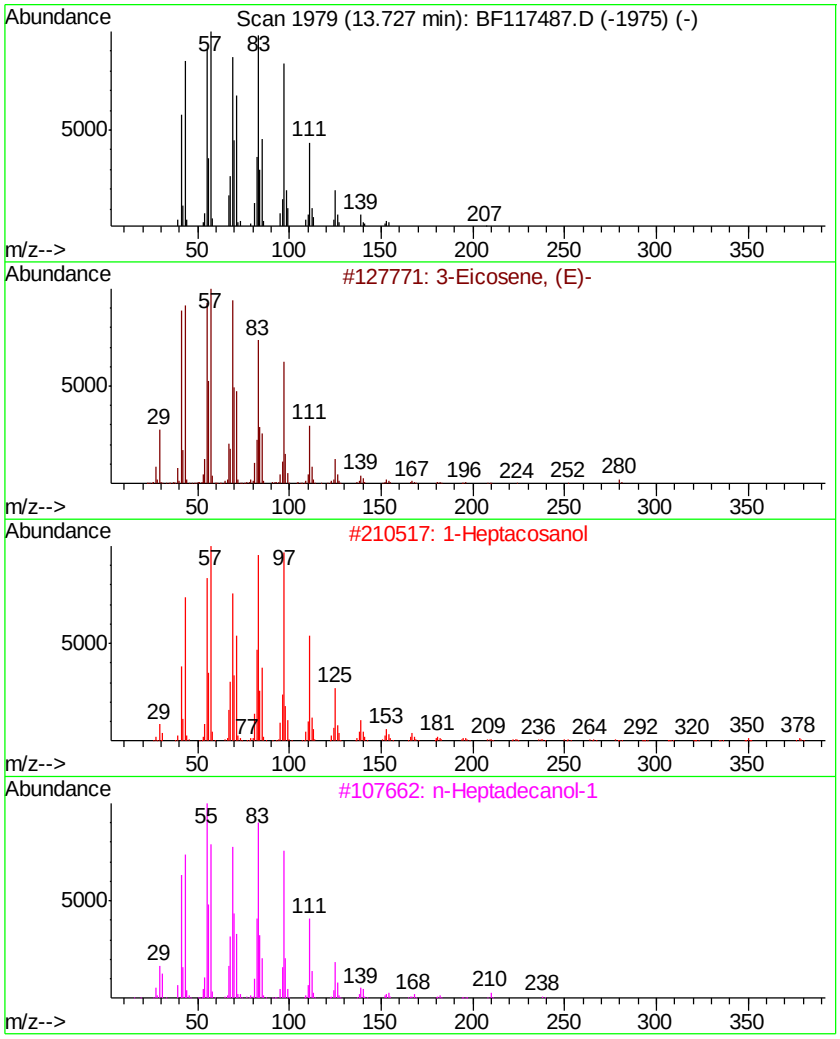
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

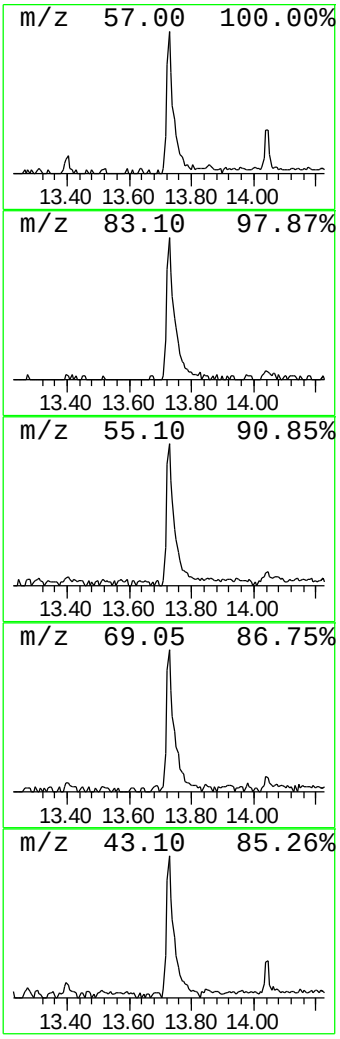
****

Peak Number 4 3-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	13.99 ng	259082	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	90
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	83
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117487.D
Acq On : 23 Oct 2019 17:11
Operator : JU
Sample : K5494-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP3-5FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

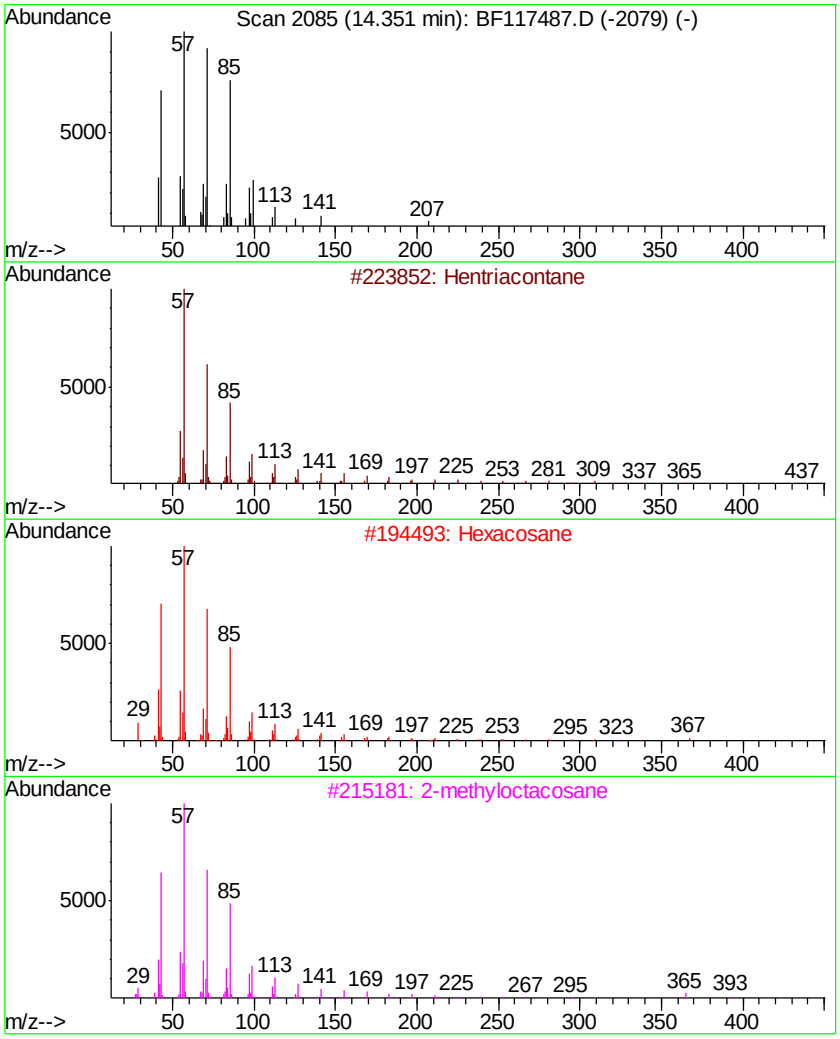
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

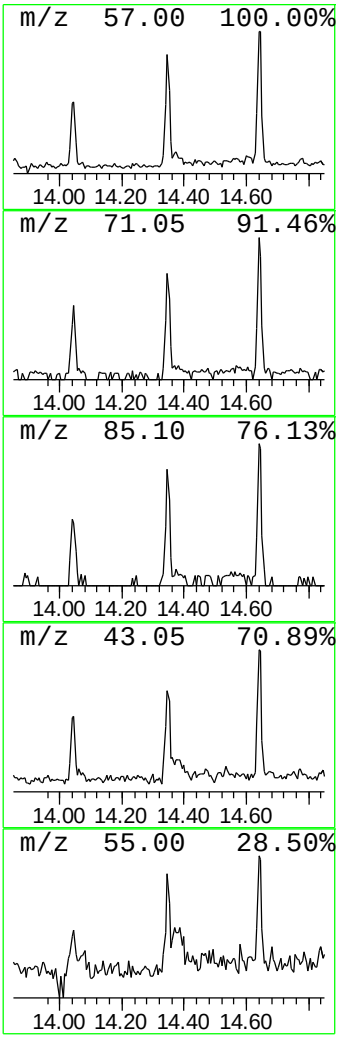
****

Peak Number 5 Hentriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	2.02 ng	37473	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Tritetracontane	605	C43H88	007098-21-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117487.D
Acq On : 23 Oct 2019 17:11
Operator : JU
Sample : K5494-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP3-5FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

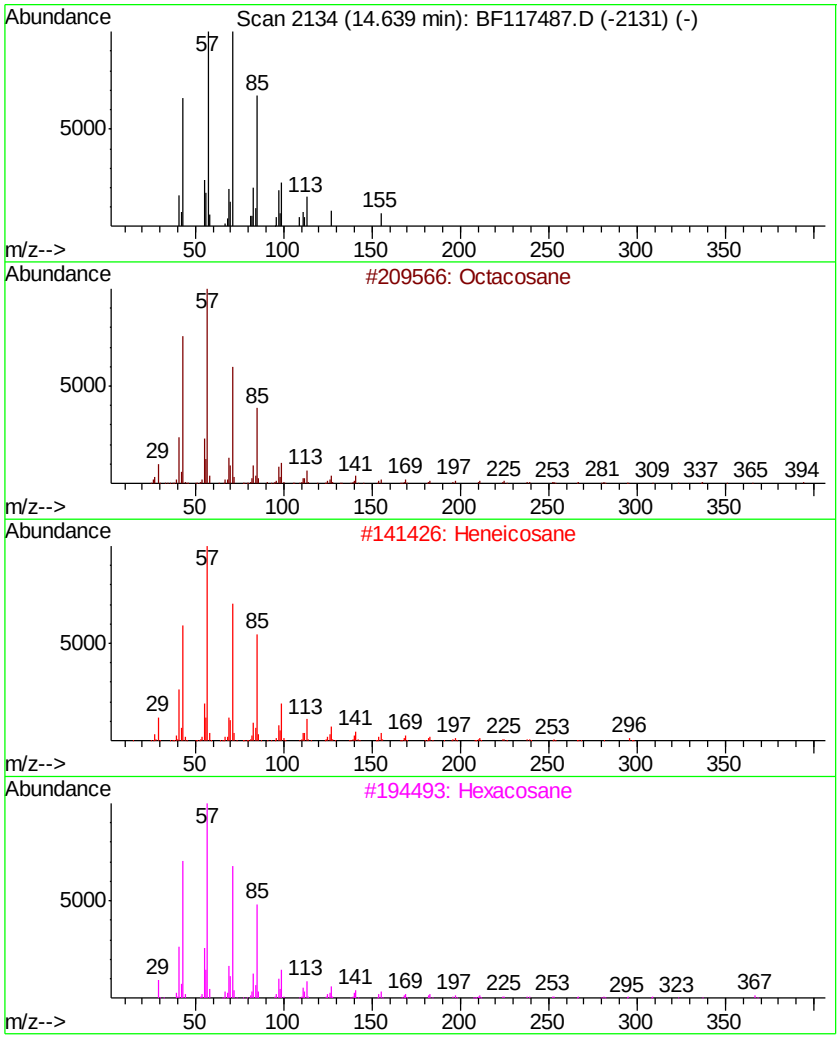
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

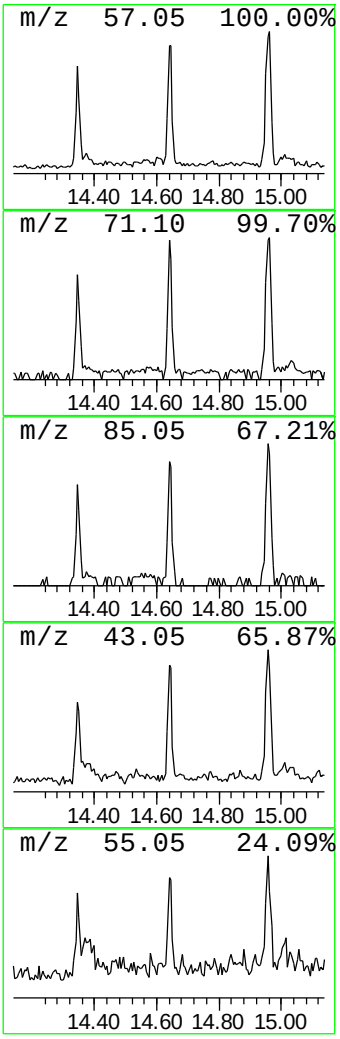
****

Peak Number 6 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.63 ng	42020	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heneicosane	296	C21H44	000629-94-7	86
3	Hexacosane	366	C26H54	000630-01-3	80
4	Tetratetracontane	619	C44H90	007098-22-8	80
5	Heptacosane	380	C27H56	000593-49-7	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117487.D
Acq On : 23 Oct 2019 17:11
Operator : JU
Sample : K5494-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP3-5FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

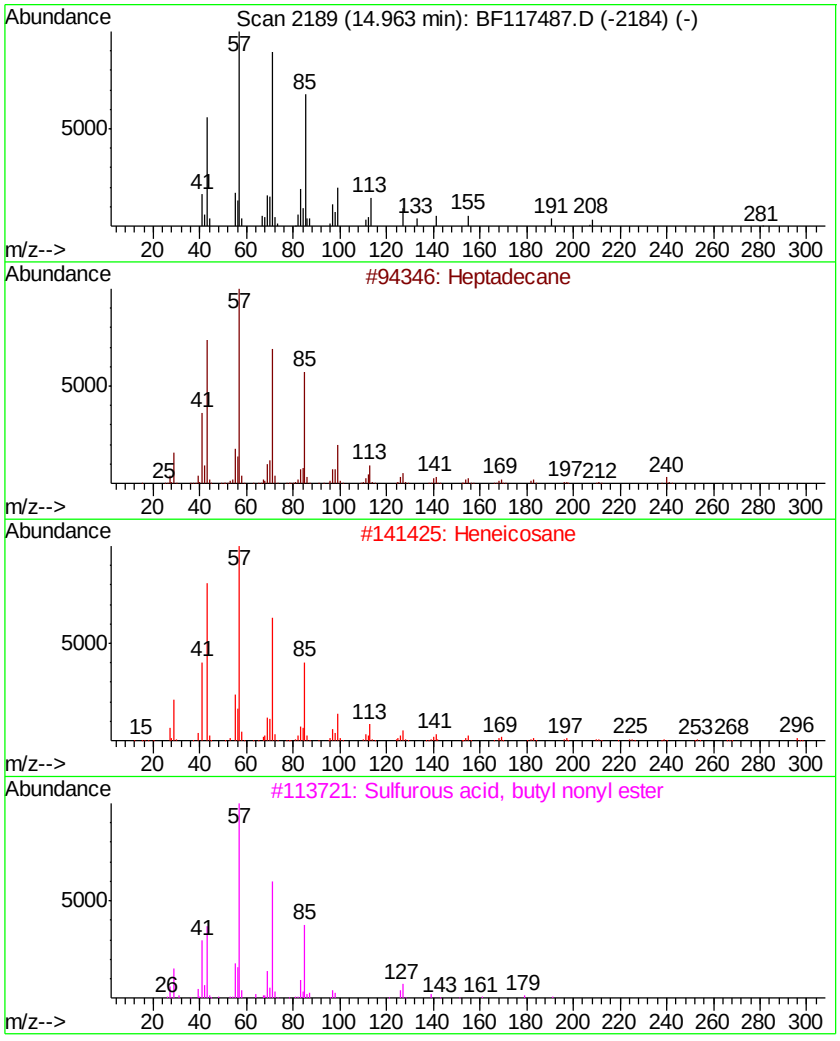
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

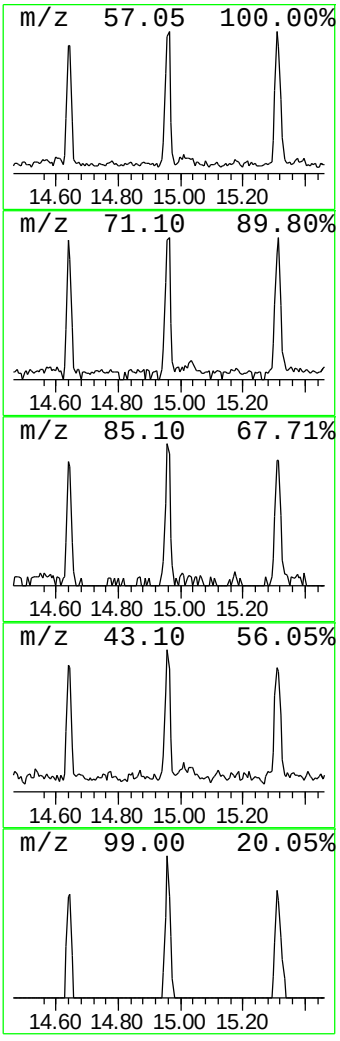
****

Peak Number 7 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	4.03 ng	64511	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	80
2	Heneicosane	296	C21H44	000629-94-7	64
3	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
4	Hexacosane	366	C26H54	000630-01-3	58
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117487.D
Acq On : 23 Oct 2019 17:11
Operator : JU
Sample : K5494-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP3-5FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

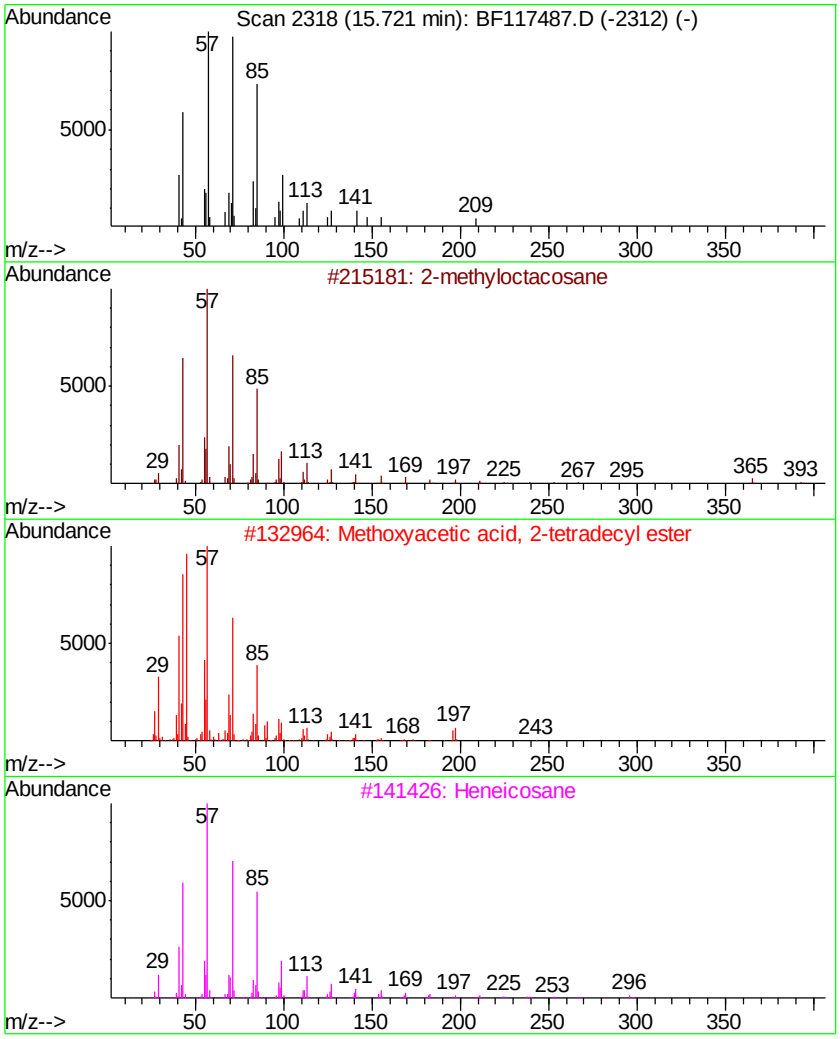
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

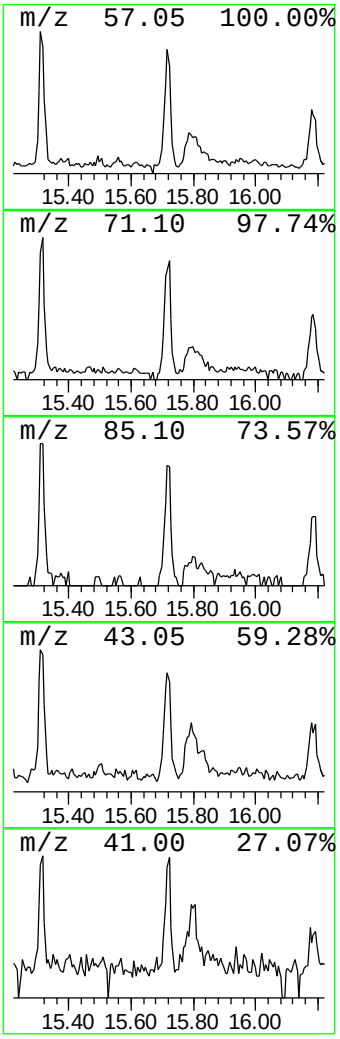
****

Peak Number 8 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	3.57 ng	57166	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	Heptadecane	240	C17H36	000629-78-7	80
5	Hexacosane	366	C26H54	000630-01-3	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117487.D
Acq On : 23 Oct 2019 17:11
Operator : JU
Sample : K5494-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP3-5FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

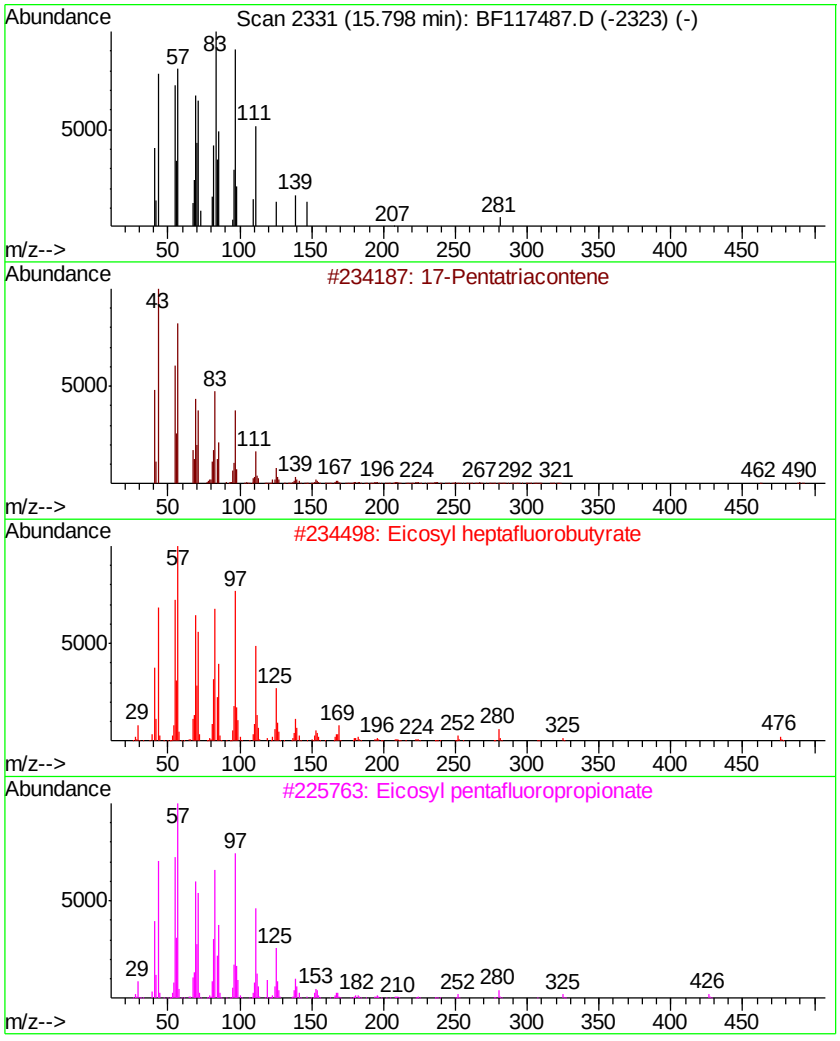
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

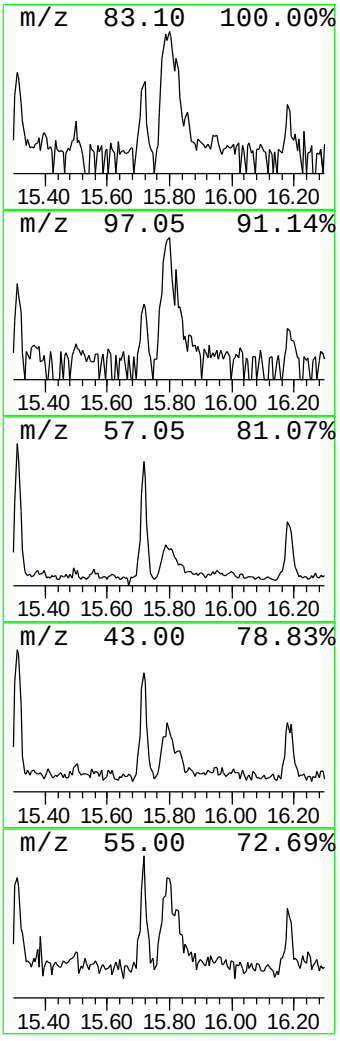
****

Peak Number 9 17-Pentatriacontene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	5.17 ng	82773	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
3	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	90
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117487.D
Acq On : 23 Oct 2019 17:11
Operator : JU
Sample : K5494-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP3-5FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

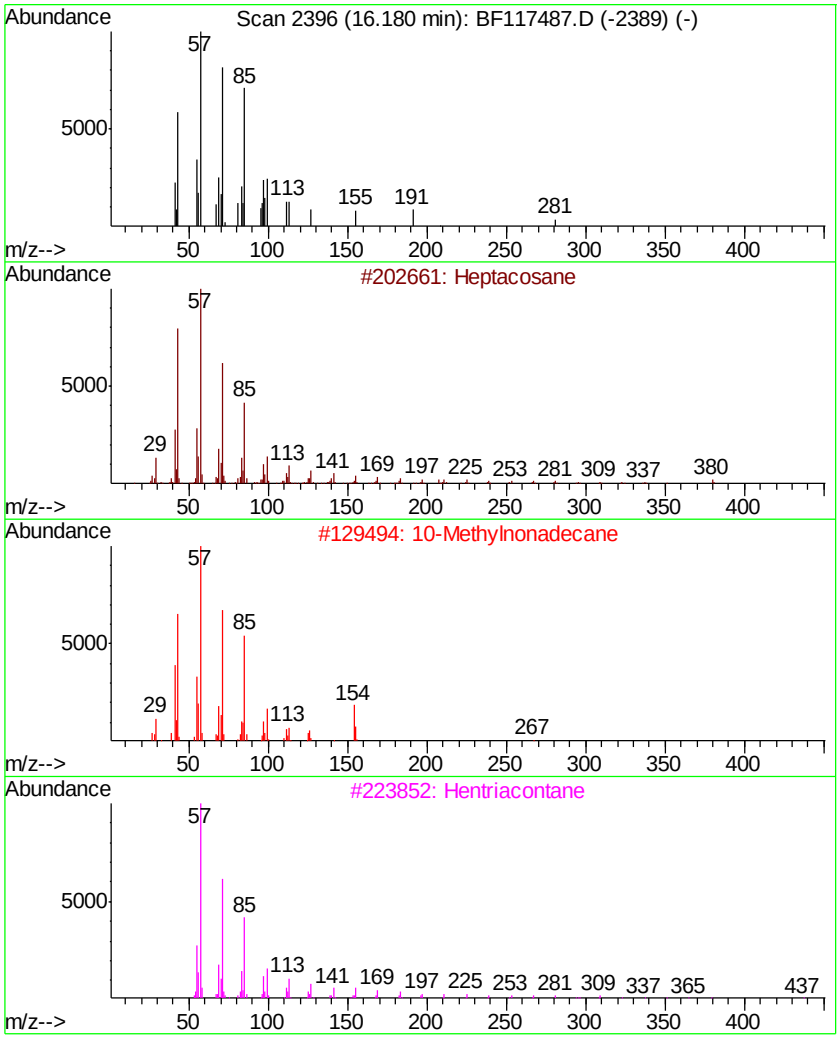
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

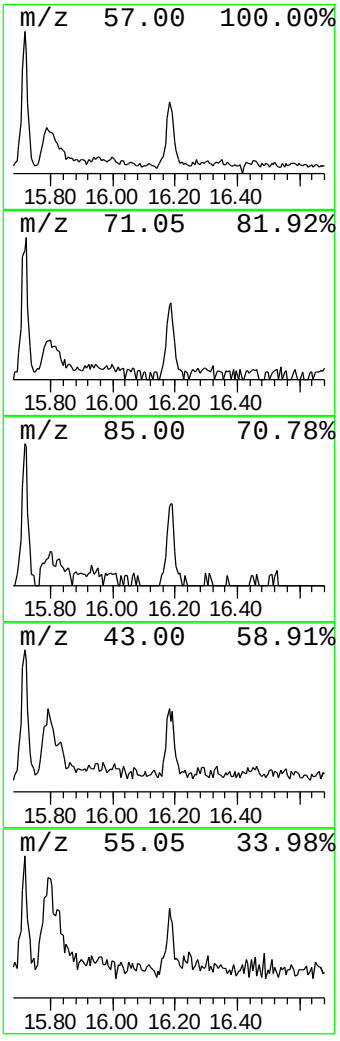
****

Peak Number 10 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	2.59 ng	41467	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	72
2	10-Methylnonadecane	282	C20H42	056862-62-5	72
3	Hentriacontane	437	C31H64	000630-04-6	72
4	Hexadecane	226	C16H34	000544-76-3	64
5	Hexacosane	366	C26H54	000630-01-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102319\
Data File : BF117487.D
Acq On : 23 Oct 2019 17:11
Operator : JU
Sample : K5494-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP3-5FT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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
unknown6.50	6.50	84.5	ng	1116590	1	6.73	264343	20.0
n-Hexadecanoic acid	11.78	4.4	ng	91131	4	11.25	413638	20.0
3-Eicosene, (E)-	13.73	14.0	ng	259082	5	13.89	370284	20.0
Hentriacontane	14.35	2.0	ng	37473	5	13.89	370284	20.0
Octacosane	14.64	2.6	ng	42020	6	15.32	320140	20.0
Heptadecane	14.96	4.0	ng	64511	6	15.32	320140	20.0
2-methyloctacosane	15.72	3.6	ng	57166	6	15.32	320140	20.0
17-Pentatriacontene	15.80	5.2	ng	82773	6	15.32	320140	20.0
Heptacosane	16.18	2.6	ng	41467	6	15.32	320140	20.0