LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116284.D
Acq On : 15 Aug 2019 18:02
Operator : HP/JU
Sample : K4340-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SAMPLE-1

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-BF073019.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	5.434	566	569	612	rBV	1350617	2280657	73.69%	8.256%
2	6.451	739	742	762	rBV	1993657	2344091	75.74%	8.486%
3	6.587	762	765	786	rVB	2513855	2364751	76.40%	8.561%
4	6.816	801	804	816	rVB	489097	480282	15.52%	1.739%
5	6.969	827	830	845	rBV	1802385	1779592	57.50%	6.442%
6	7.381	896	900	930	rBV	1468583	1484035	47.95%	5.372%
7	8.098	1019	1022	1048	rBV	583819	605896	19.58%	2.193%
8	9.169	1200	1204	1216	rBV	3001517	2618748	84.61%	9.480%
9	9.569	1268	1272	1286	rBV	237212	265466	8.58%	0.961%
10	9.851	1316	1320	1335	rBV	758237	735214	23.75%	2.662%
11	10.639	1450	1454	1470	rBV	1753010	1754447	56.69%	6.351%
12	11.339	1569	1573	1582	rBV	706691	776490	25.09%	2.811%
13	11.404	1582	1584	1589	rVB	41779	37345	1.21%	0.135%
14	11.857	1658	1661	1676	rBV2	101163	176994	5.72%	0.641%
15	12.639	1791	1794	1807	rBV3	44549	92595	2.99%	0.335%
16	12.916	1837	1841	1844	rBV	3308344	3095048	100.00%	11.204%
17	13.810	1989	1993	1994	rBV2	72217	81071	2.62%	0.293%
18	13.980	2018	2022	2041	rVB	748475	885891	28.62%	3.207%
19	14.121	2042	2046	2050	rVB	134986	130347	4.21%	0.472%
20	14.421	2092	2097	2103	rVB	344545	335448	10.84%	1.214%
21	14.727	2142	2149	2156	rBV	558169	665369	21.50%	2.409%
22	14.798	2157	2161	2165	rVV	139969	129141	4.17%	0.467%
23	15.051	2198	2204	2213	rBV	780756	906445	29.29%	3.281%
24	15.421	2260	2267	2295	rBV2	848843	1998662	64.58%	7.235%
25	15.839	2331	2338	2352	rBV	536834	918113	29.66%	3.324%
26	16.327	2413	2421	2440	rBV	251791	490845	15.86%	1.777%
27	16.898	2511	2518	2527	rBV2	67285	139266	4.50%	0.504%
28	17.568	2624	2632	2642	rBV5	18929	51548	1.67%	0.187%

Sum of corrected areas: 27623797

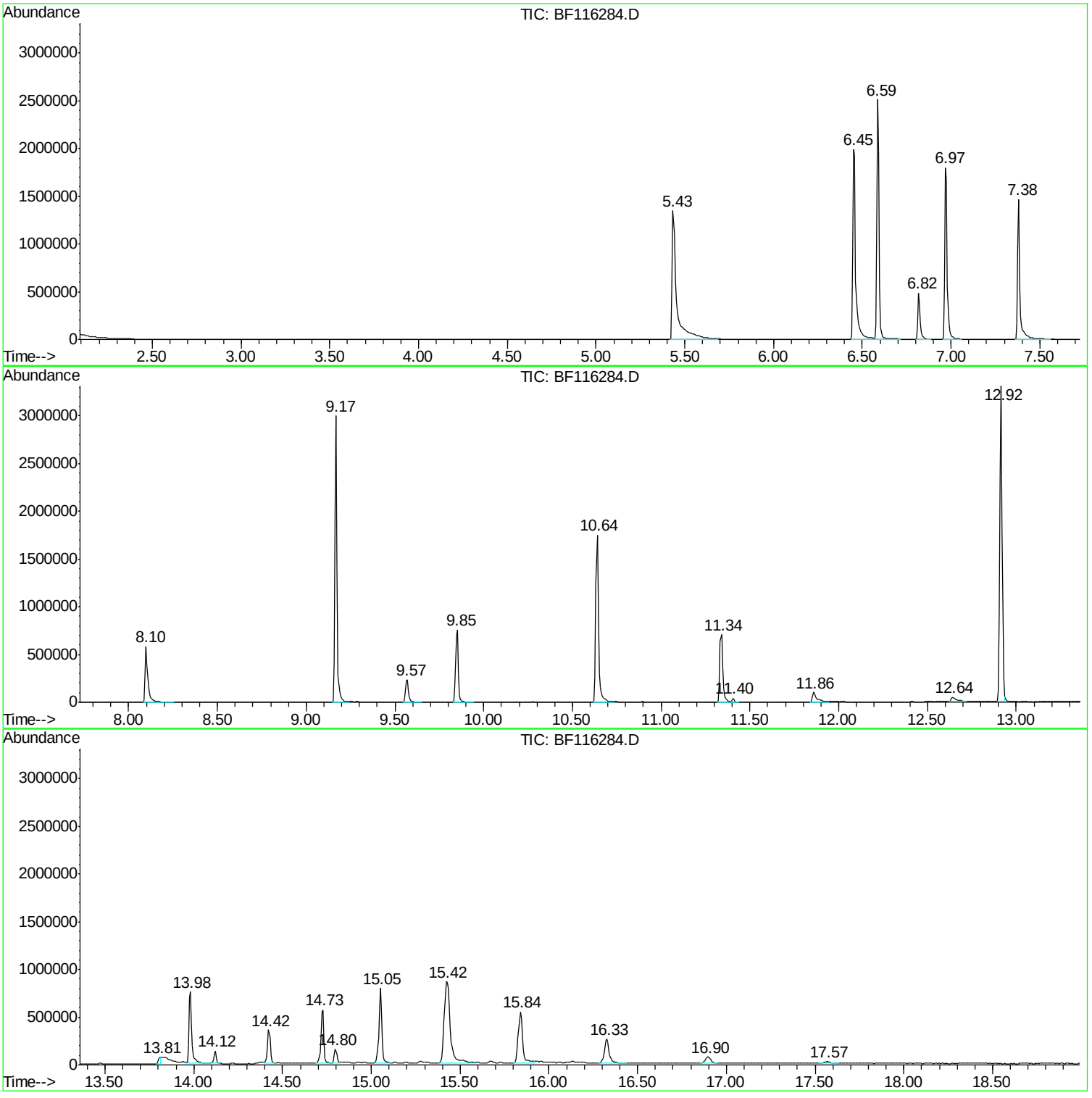
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116284.D
Acq On : 15 Aug 2019 18:02
Operator : HP/JU
Sample : K4340-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SAMPLE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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\BF081519\
Data File : BF116284.D
Acq On : 15 Aug 2019 18:02
Operator : HP/JU
Sample : K4340-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SAMPLE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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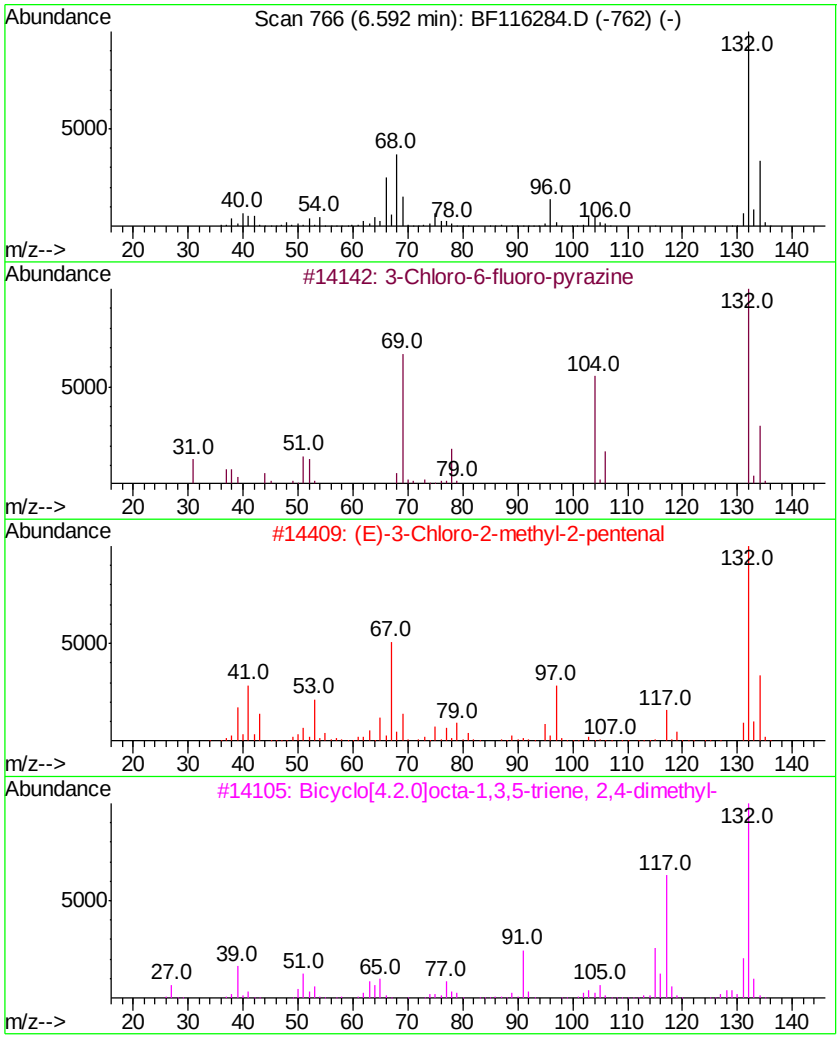
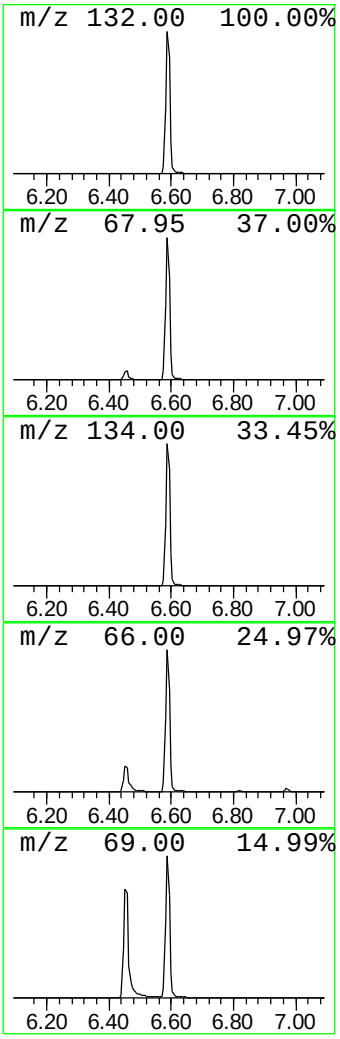
Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	98.47 ng	2364750	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116284.D
Acq On : 15 Aug 2019 18:02
Operator : HP/JU
Sample : K4340-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SAMPLE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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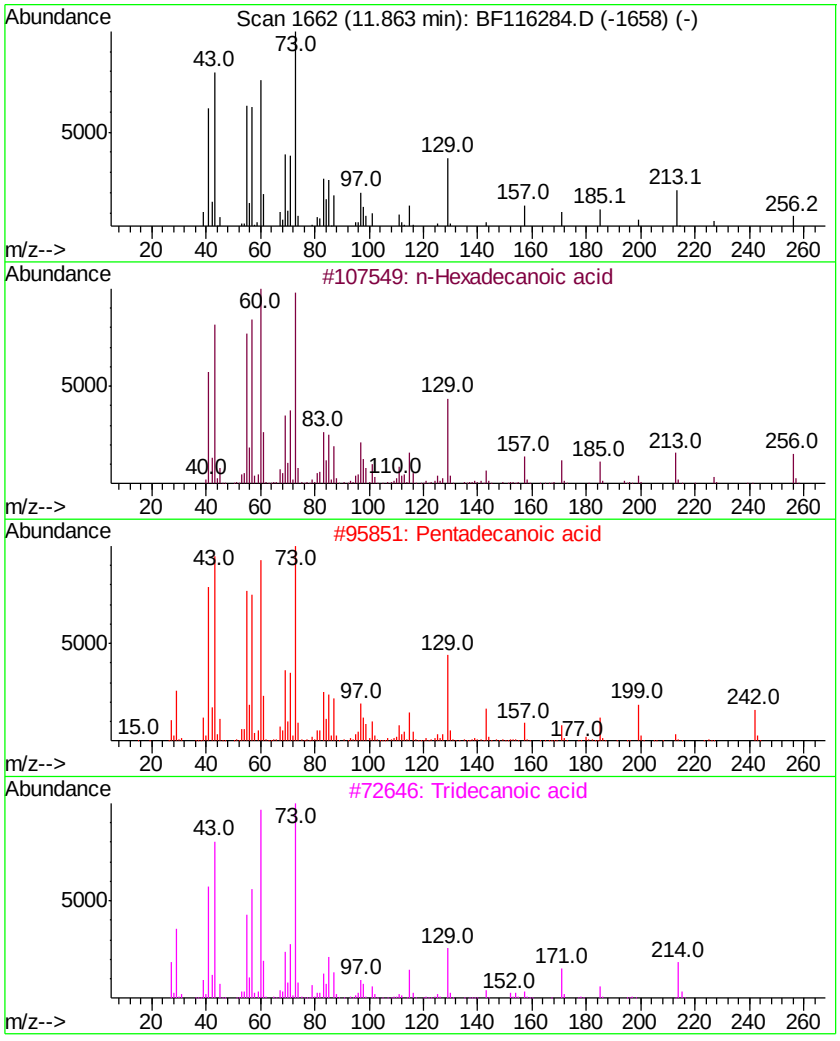
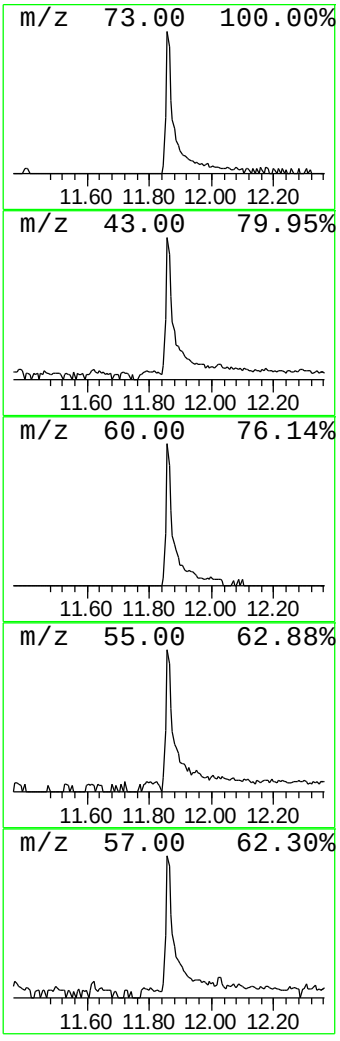
Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.56 ng	176994	Phenanthrene-d10	11.34

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	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116284.D
Acq On : 15 Aug 2019 18:02
Operator : HP/JU
Sample : K4340-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SAMPLE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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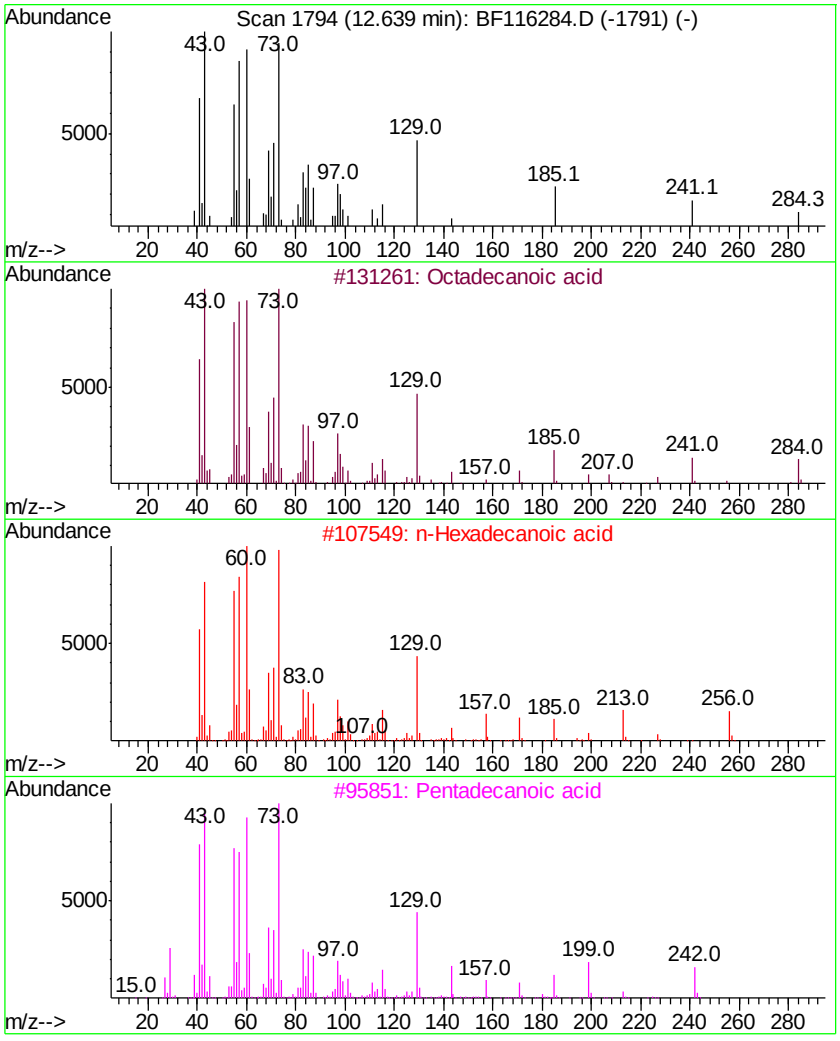
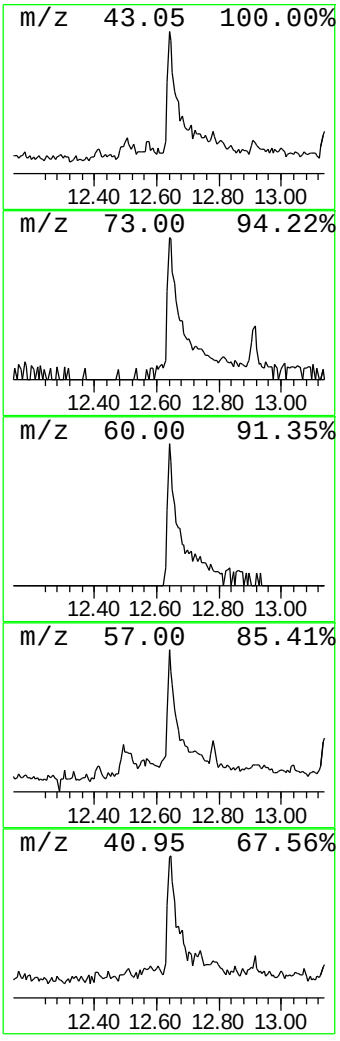
Peak Number 4 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	2.38 ng	92595	Phenanthrene-d10	11.34

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	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116284.D
Acq On : 15 Aug 2019 18:02
Operator : HP/JU
Sample : K4340-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SAMPLE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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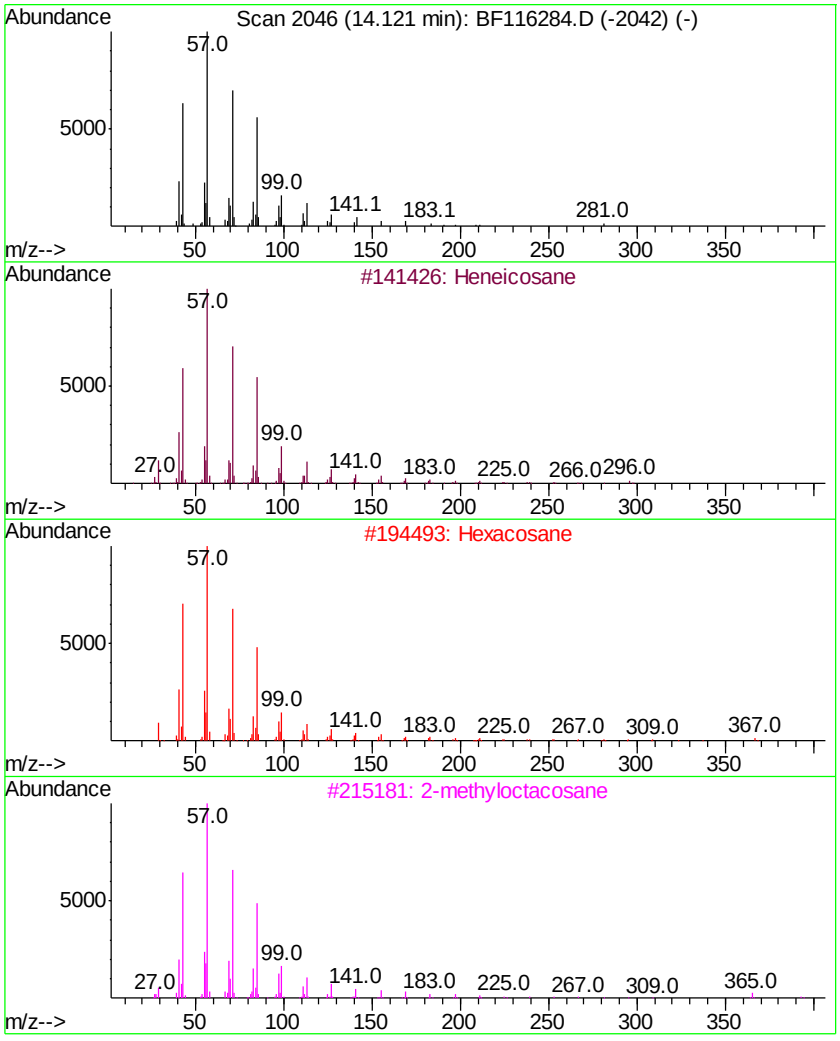
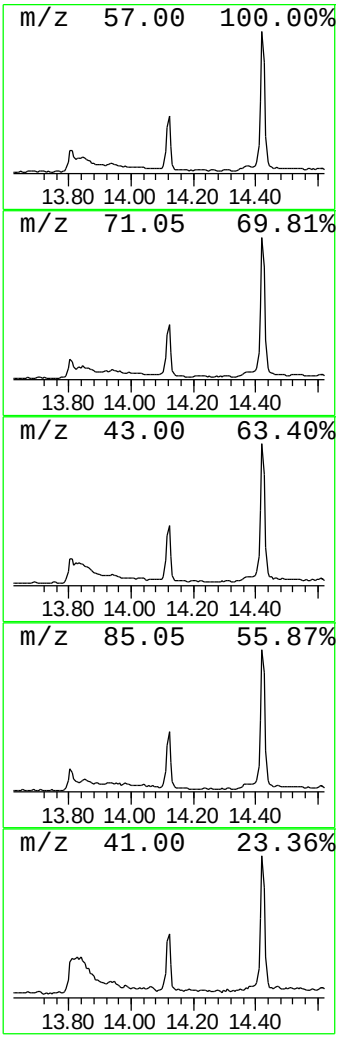
Peak Number 5 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	2.94 ng	130347	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116284.D
Acq On : 15 Aug 2019 18:02
Operator : HP/JU
Sample : K4340-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SAMPLE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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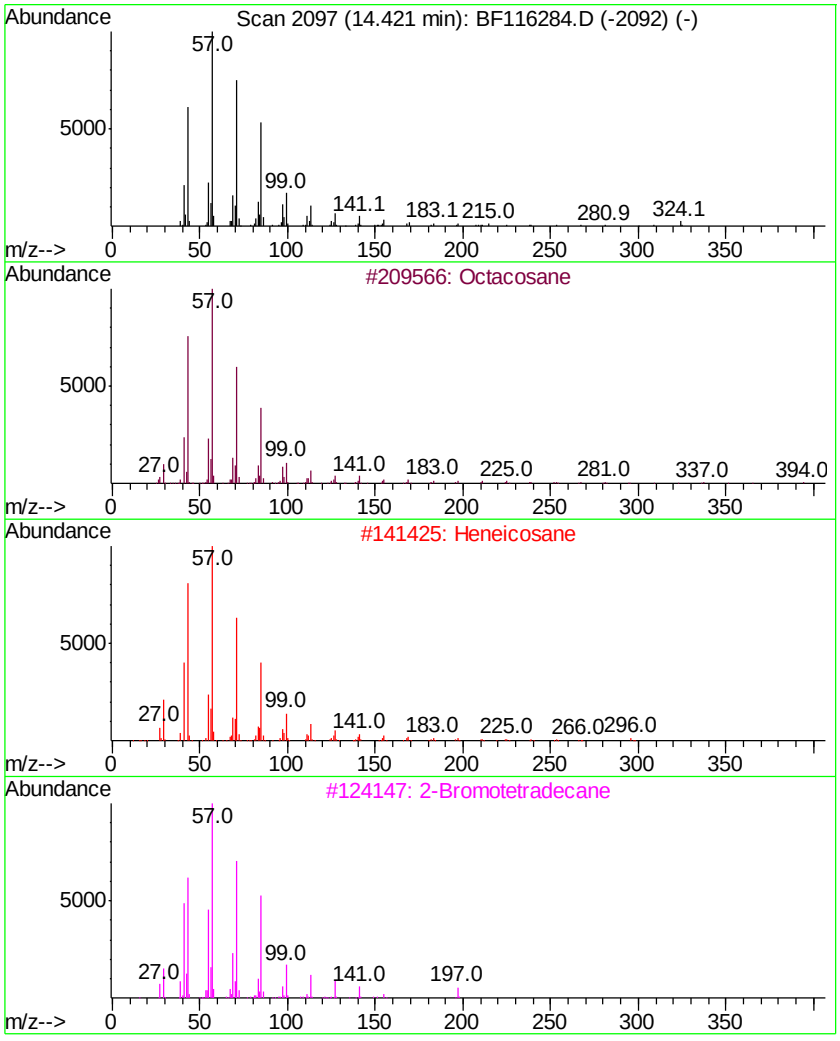
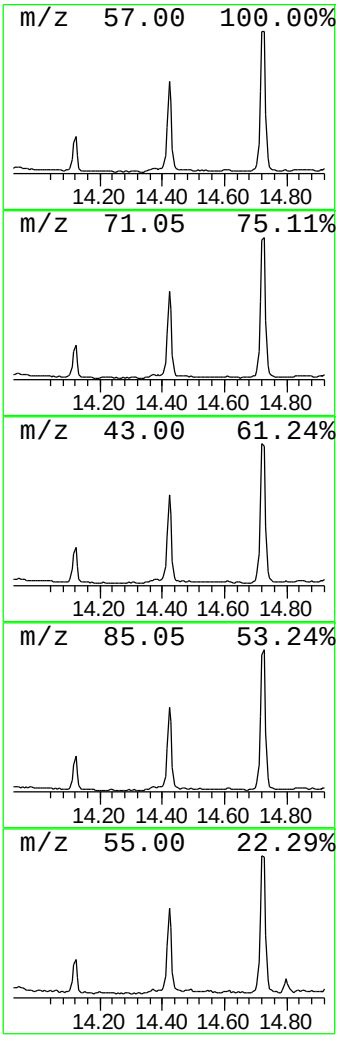
Peak Number 6 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	7.57 ng	335448	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116284.D
Acq On : 15 Aug 2019 18:02
Operator : HP/JU
Sample : K4340-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SAMPLE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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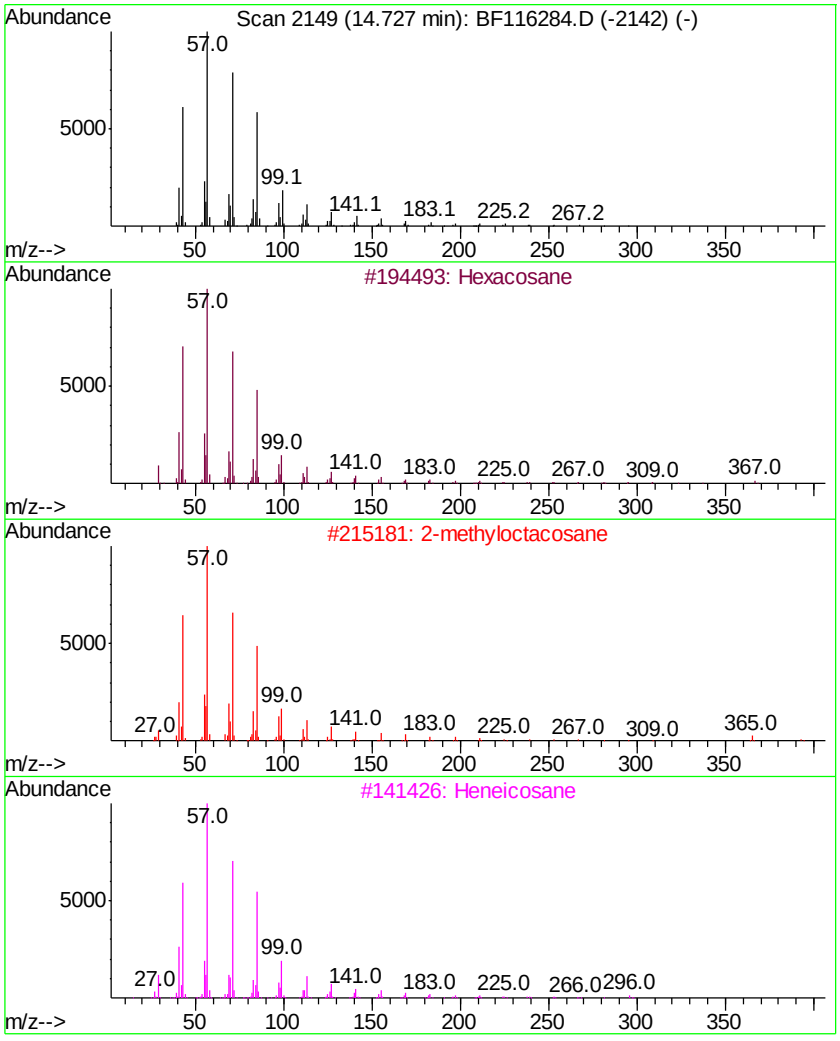
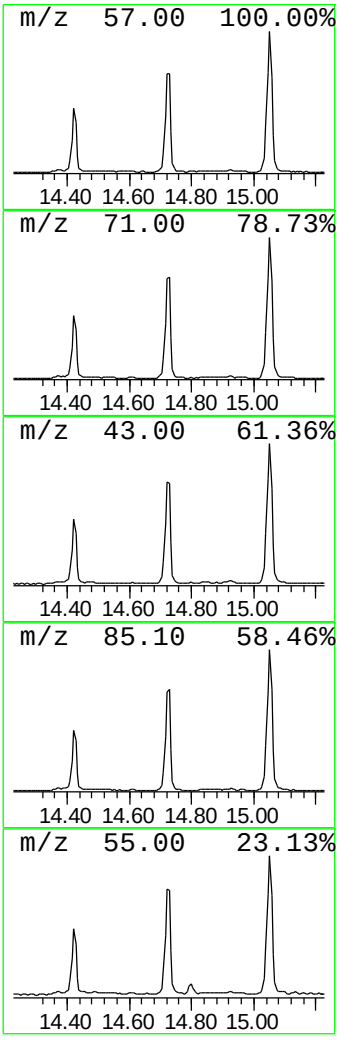
Peak Number 7 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	6.66 ng	665369	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	6,6-Diethylhoctadecane	310	C22H46	1000360-41-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116284.D
Acq On : 15 Aug 2019 18:02
Operator : HP/JU
Sample : K4340-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SAMPLE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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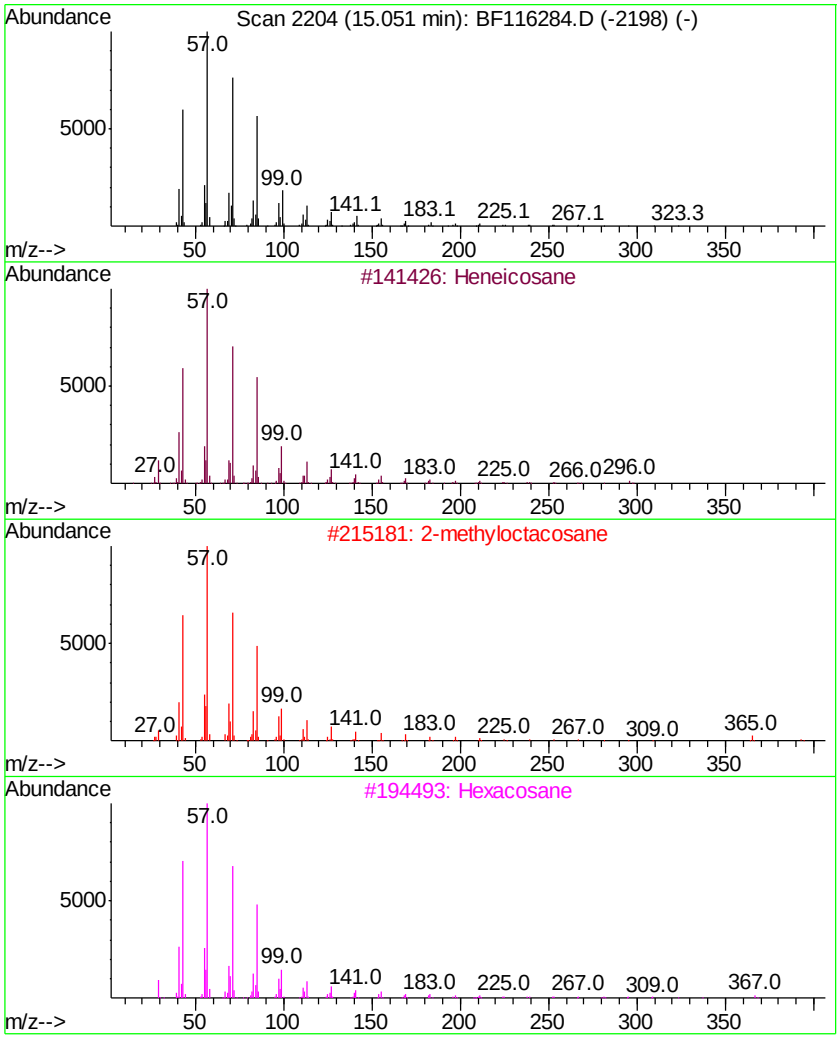
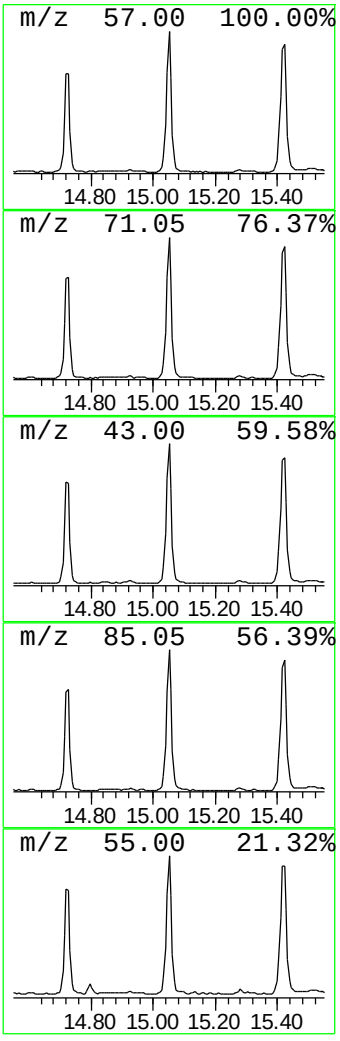
Peak Number 8 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	9.07 ng	906445	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Octadecane	254	C18H38	000593-45-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116284.D
Acq On : 15 Aug 2019 18:02
Operator : HP/JU
Sample : K4340-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SAMPLE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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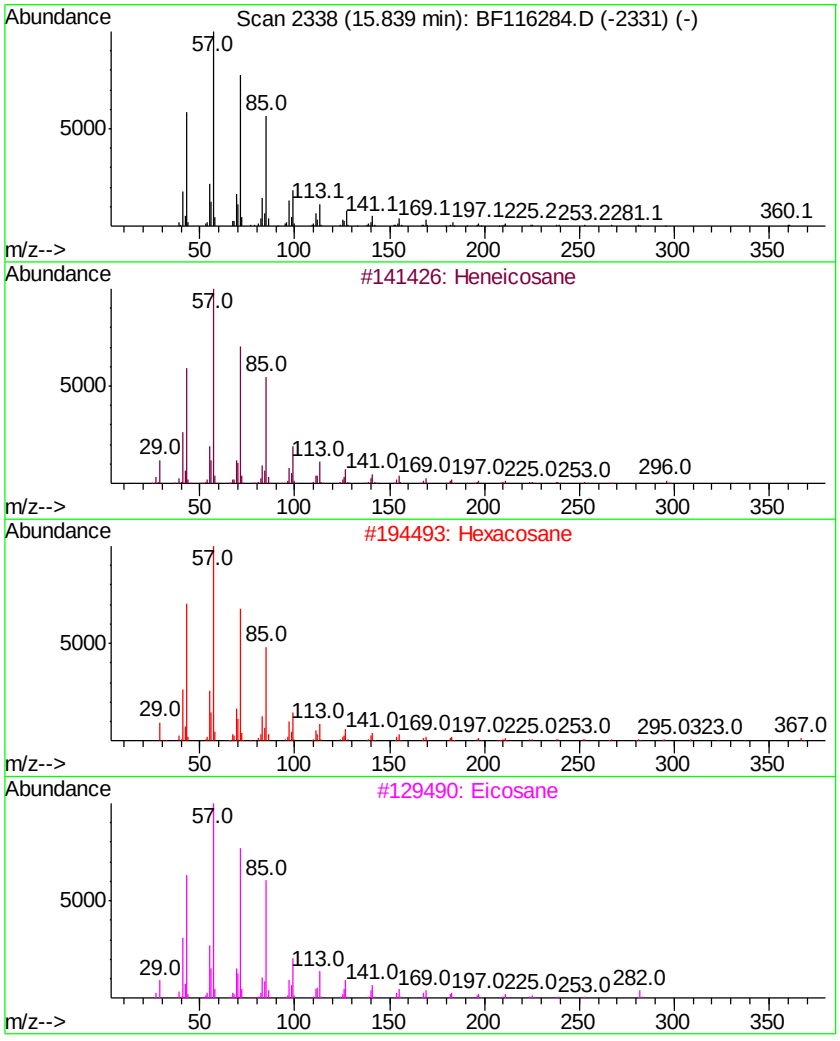
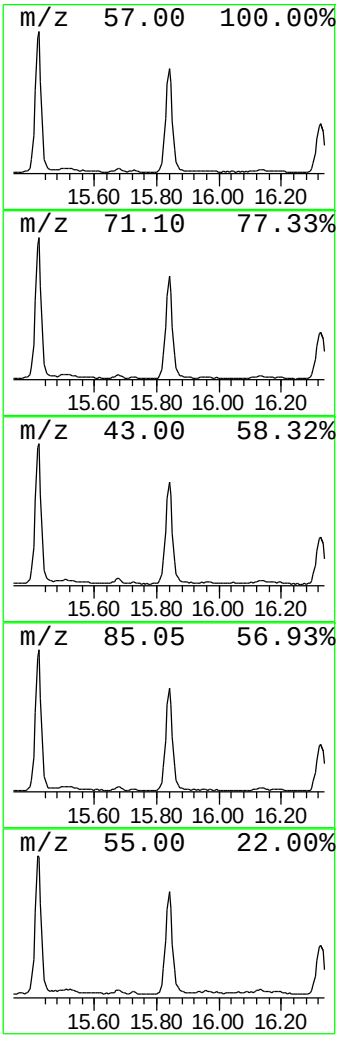
Peak Number 9 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	9.19 ng	918113	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Eicosane	282	C20H42	000112-95-8	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116284.D
Acq On : 15 Aug 2019 18:02
Operator : HP/JU
Sample : K4340-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SAMPLE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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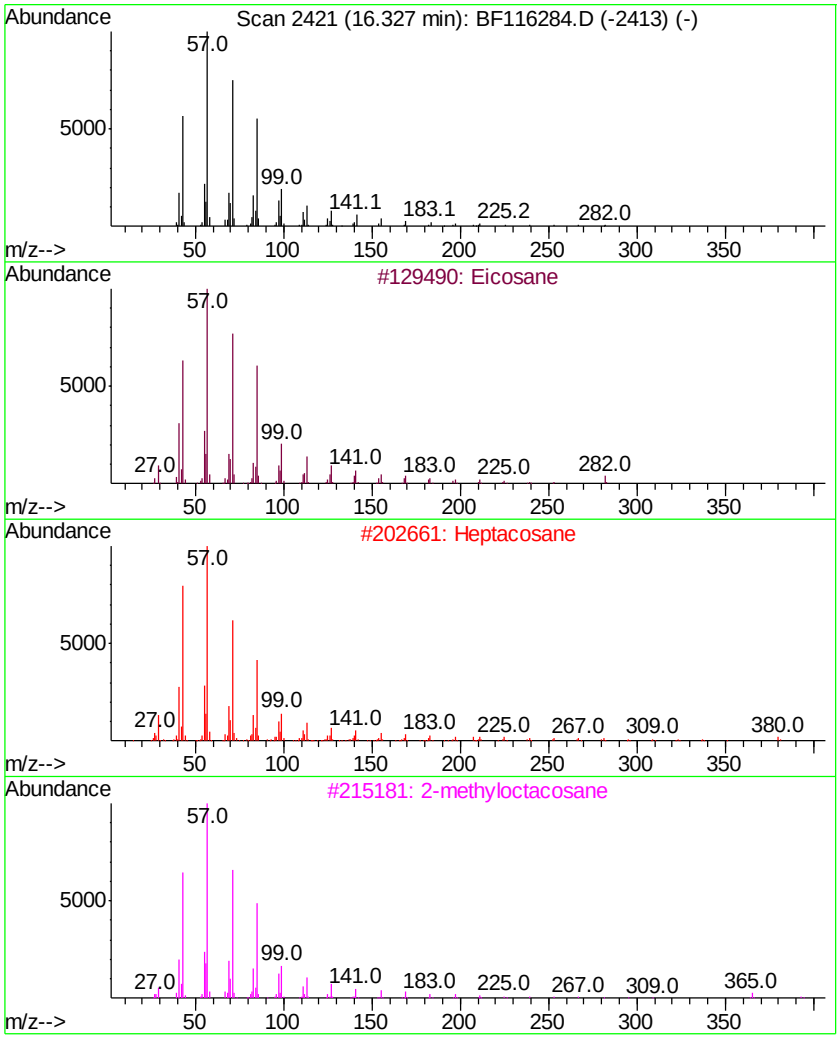
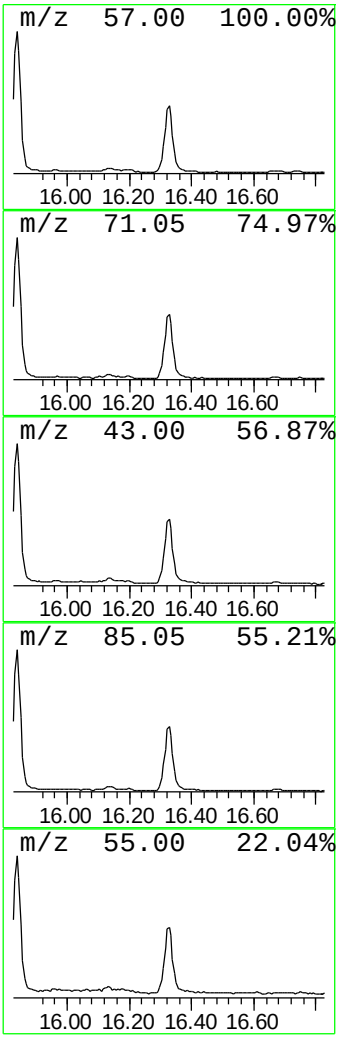
Peak Number 10 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	4.91 ng	490845	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heptacosane	380	C27H56	000593-49-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081519\
Data File : BF116284.D
Acq On : 15 Aug 2019 18:02
Operator : HP/JU
Sample : K4340-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SAMPLE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
unknown6.59	6.59	98.5	ng	2364750	1	6.82	480282	20.0
n-Hexadecanoic acid	11.86	4.6	ng	176994	4	11.34	776490	20.0
Octadecanoic acid	12.64	2.4	ng	92595	4	11.34	776490	20.0
Heneicosane	14.12	2.9	ng	130347	5	13.98	885891	20.0
Octacosane	14.42	7.6	ng	335448	5	13.98	885891	20.0
Hexacosane	14.73	6.7	ng	665369	6	15.43	1998660	20.0
2-methyloctacosane	15.05	9.1	ng	906445	6	15.43	1998660	20.0
Eicosane	15.84	9.2	ng	918113	6	15.43	1998660	20.0
Heptacosane	16.33	4.9	ng	490845	6	15.43	1998660	20.0