LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070620\
Data File : BF120769.D
Acq On : 6 Jul 2020 10:37
Operator : JU/CG
Sample : PB129891BL
Misc : PBBL01-MDL-SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB129891BL

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-BF070220.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	5.463	568	574	577	rBV	3834893	4579034	85.90%	11.749%
2	6.475	739	746	749	rBV	3809623	4601171	86.32%	11.806%
3	6.845	806	809	813	rVB	1365479	1105302	20.74%	2.836%
4	7.004	832	836	840	rBV	4025200	3909484	73.34%	10.031%
5	7.410	900	905	908	rBV	2975909	3042812	57.08%	7.807%
6	8.128	1023	1027	1031	rBV	1618595	1393076	26.13%	3.574%
7	9.210	1206	1211	1214	rBV	5100640	5134552	96.32%	13.174%
8	9.886	1322	1326	1329	rBV	1906839	1507803	28.29%	3.869%
9	10.675	1455	1460	1463	rBV	3184177	3106257	58.27%	7.970%
10	11.369	1574	1578	1581	rBV	1947827	1536752	28.83%	3.943%
11	12.963	1844	1849	1852	rBV	4702724	5330575	100.00%	13.677%
12	14.004	2022	2026	2030	rBV	1400535	1285501	24.12%	3.298%
13	14.798	2158	2161	2168	rBV	81002	88152	1.65%	0.226%
14	15.139	2215	2219	2231	rVB	144204	172351	3.23%	0.442%
15	15.468	2270	2275	2280	rBV	1014106	1133650	21.27%	2.909%
16	15.527	2280	2285	2296	rVB	195701	283690	5.32%	0.728%
17	15.962	2354	2359	2373	rBV	163351	264014	4.95%	0.677%
18	16.474	2438	2446	2457	rBV	121716	248112	4.65%	0.637%
19	17.068	2540	2547	2561	rBV2	62613	147607	2.77%	0.379%
20	17.774	2659	2667	2680	rBV2	38890	104656	1.96%	0.269%

Sum of corrected areas: 38974551

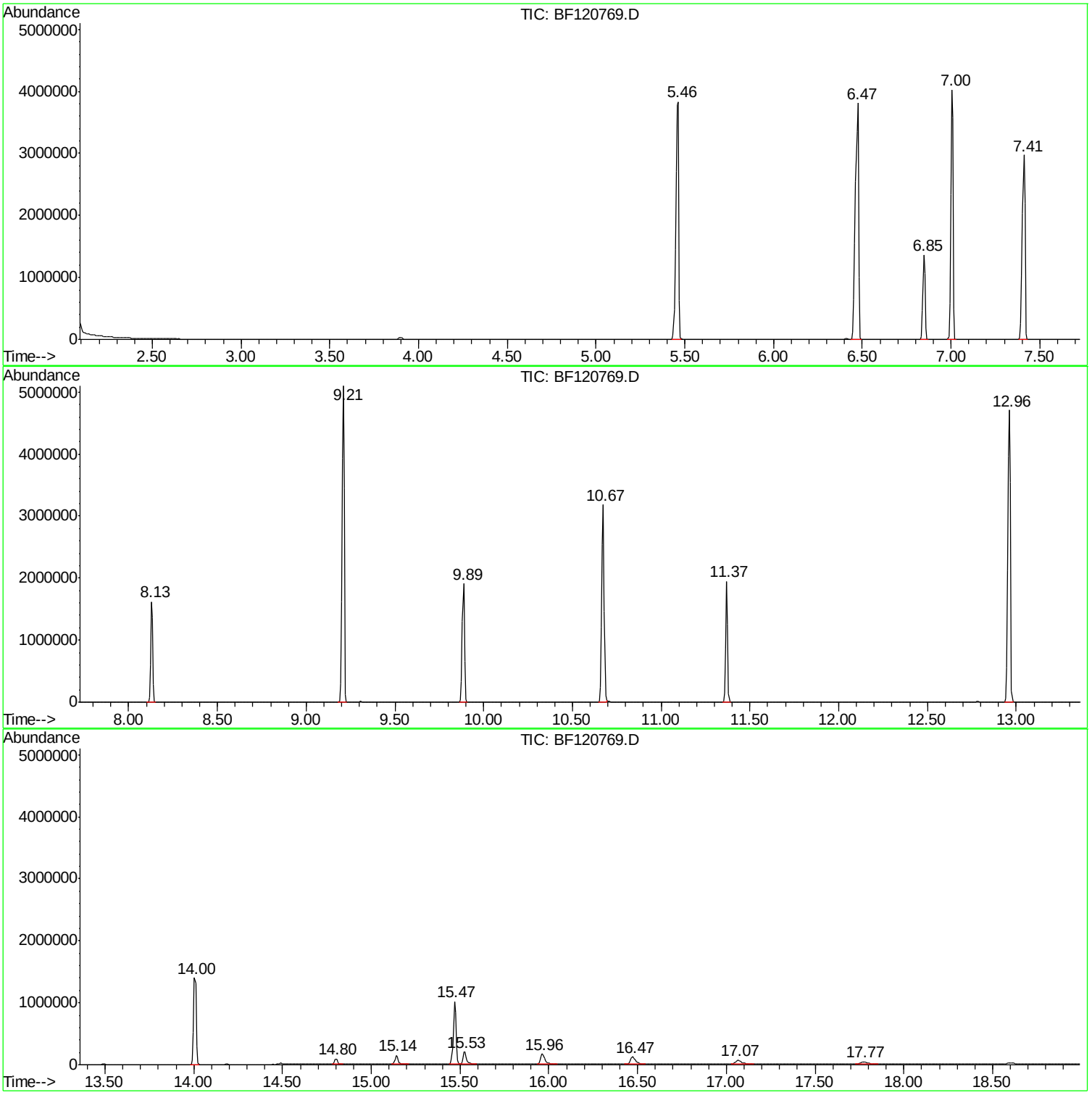
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070620\
Data File : BF120769.D
Acq On : 6 Jul 2020 10:37
Operator : JU/CG
Sample : PB129891BL
Misc : PBBL01-MDL-SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB129891BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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\BF070620\
Data File : BF120769.D
Acq On : 6 Jul 2020 10:37
Operator : JU/CG
Sample : PB129891BL
Misc : PBBL01-MDL-SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB129891BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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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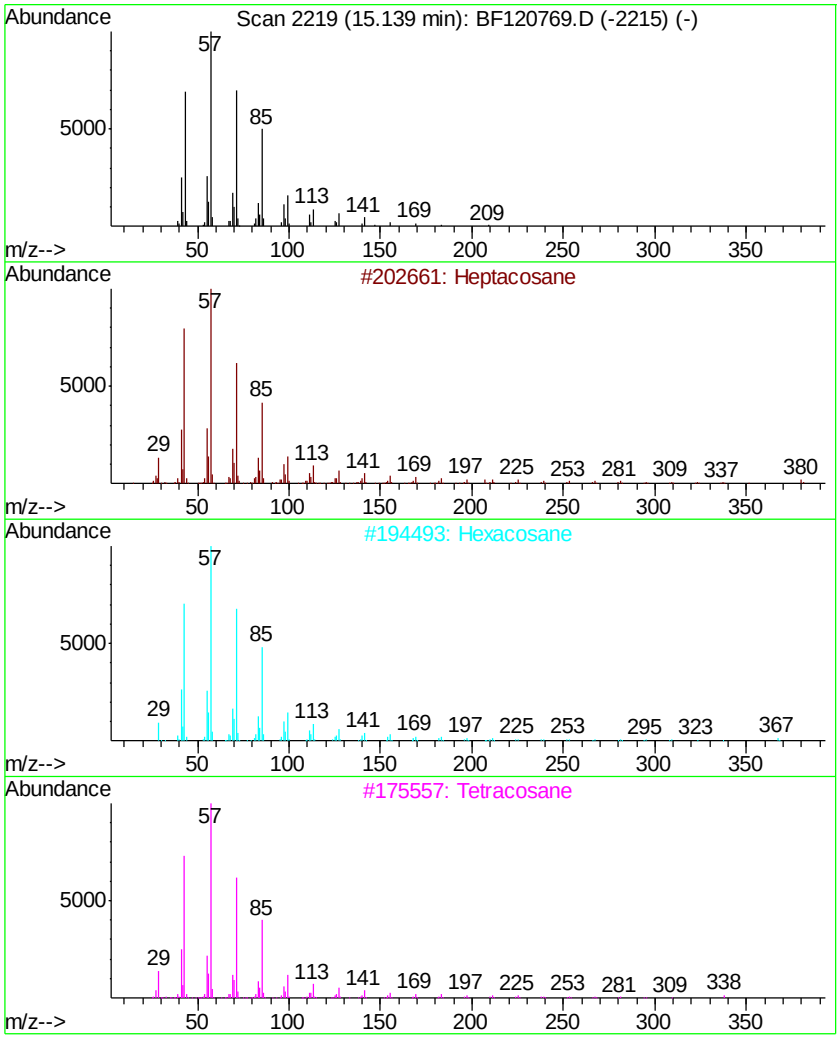
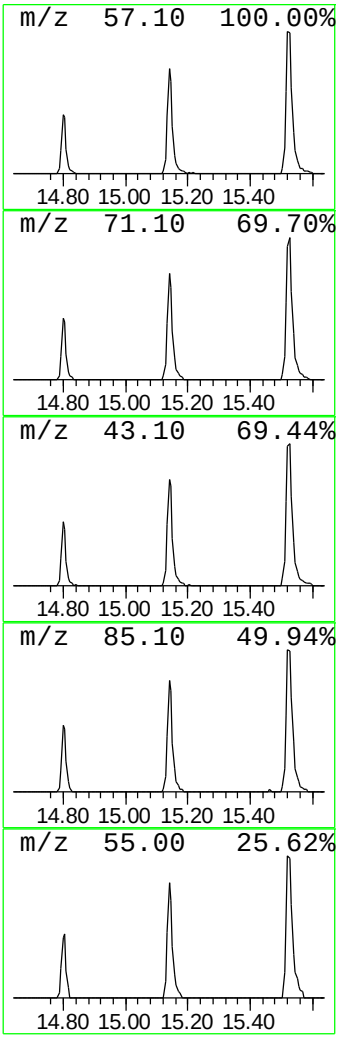
Peak Number 2 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	3.04 ng	172351	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070620\
Data File : BF120769.D
Acq On : 6 Jul 2020 10:37
Operator : JU/CG
Sample : PB129891BL
Misc : PBBL01-MDL-SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB129891BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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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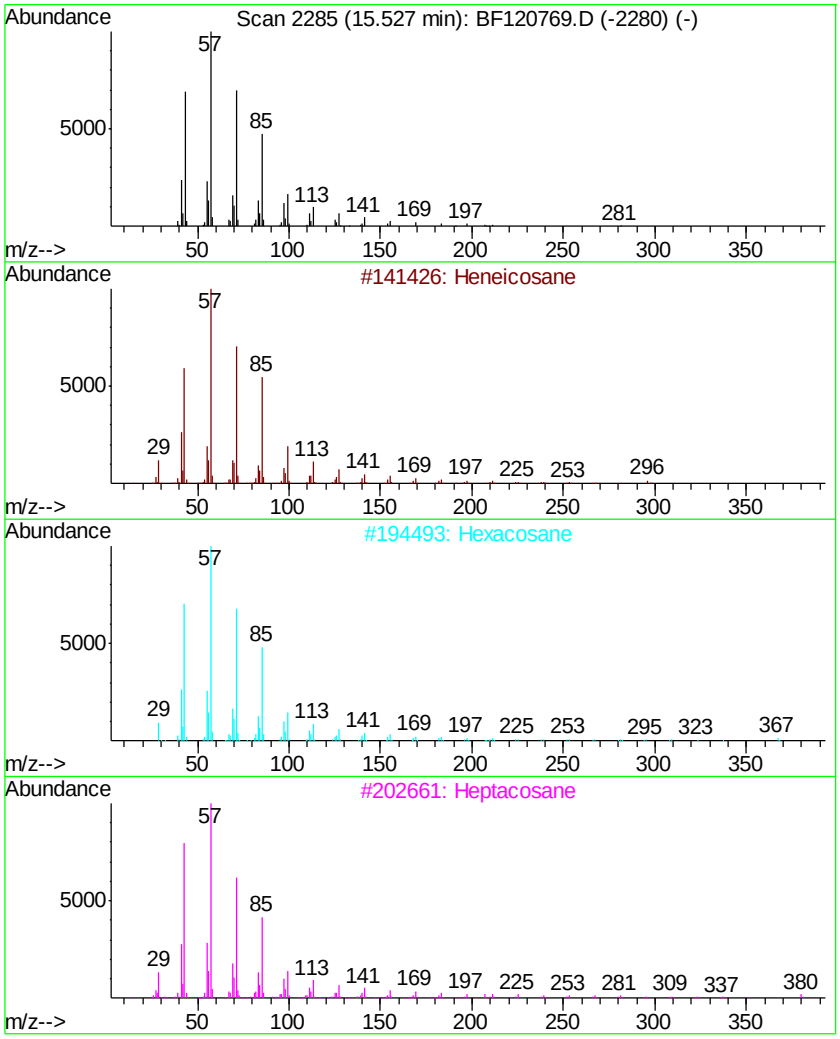
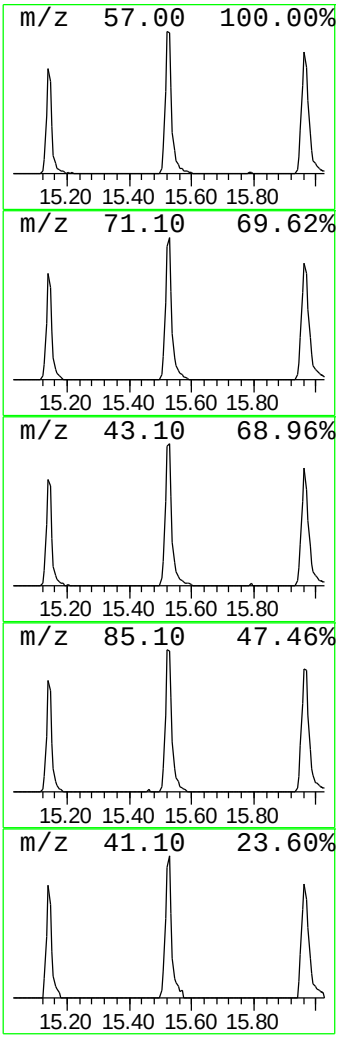
Peak Number 3 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	5.00 ng	283690	Perylene-d12	15.47

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	Heptacosane	380	C27H56	000593-49-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070620\
Data File : BF120769.D
Acq On : 6 Jul 2020 10:37
Operator : JU/CG
Sample : PB129891BL
Misc : PBBL01-MDL-SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB129891BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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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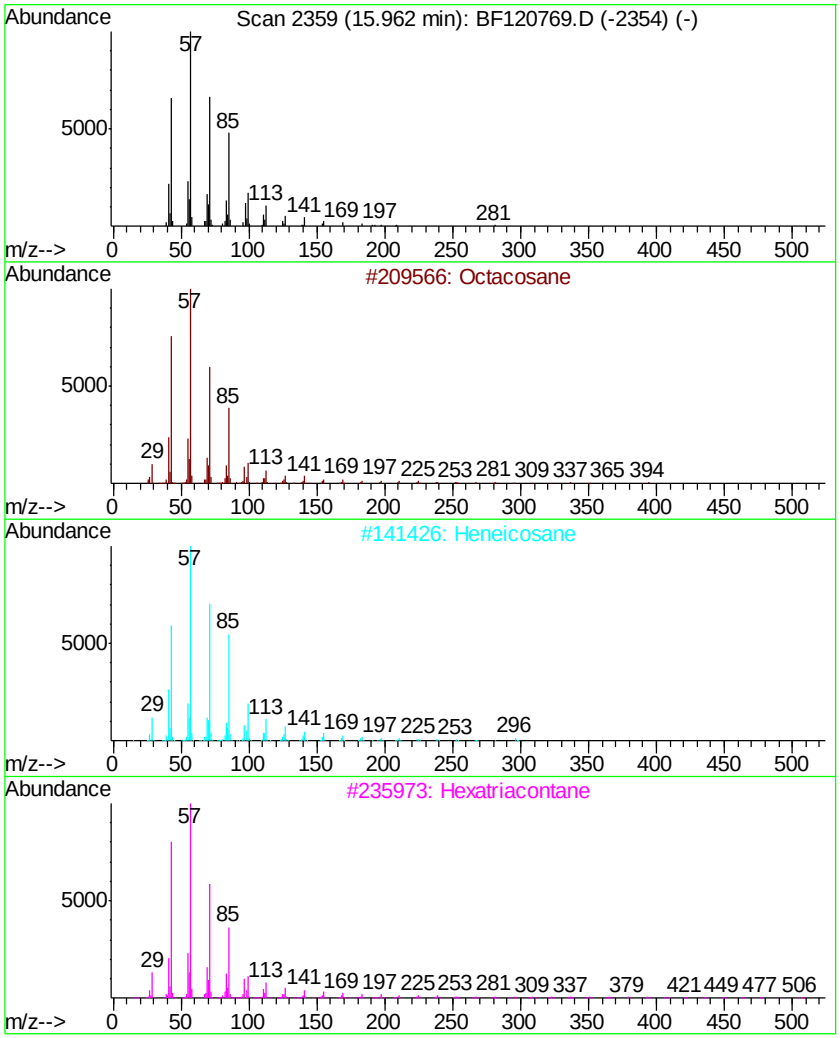
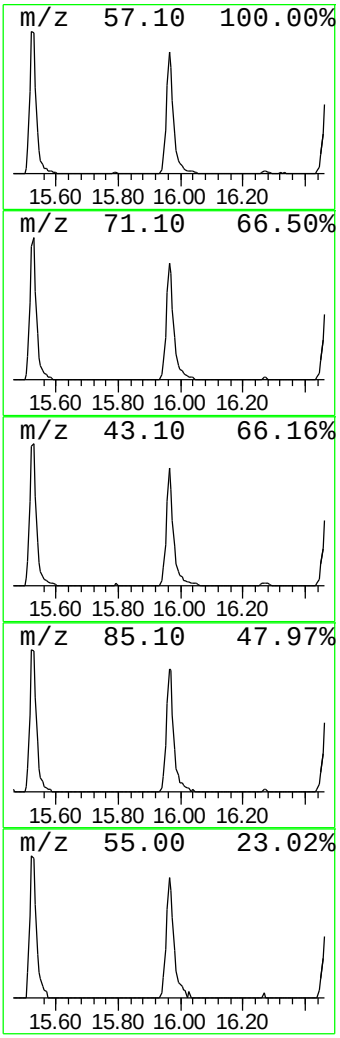
Peak Number 4 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	4.66 ng	264014	Perylene-d12	15.47

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	Hexatriacontane	507	C36H74	000630-06-8	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070620\
Data File : BF120769.D
Acq On : 6 Jul 2020 10:37
Operator : JU/CG
Sample : PB129891BL
Misc : PBBL01-MDL-SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB129891BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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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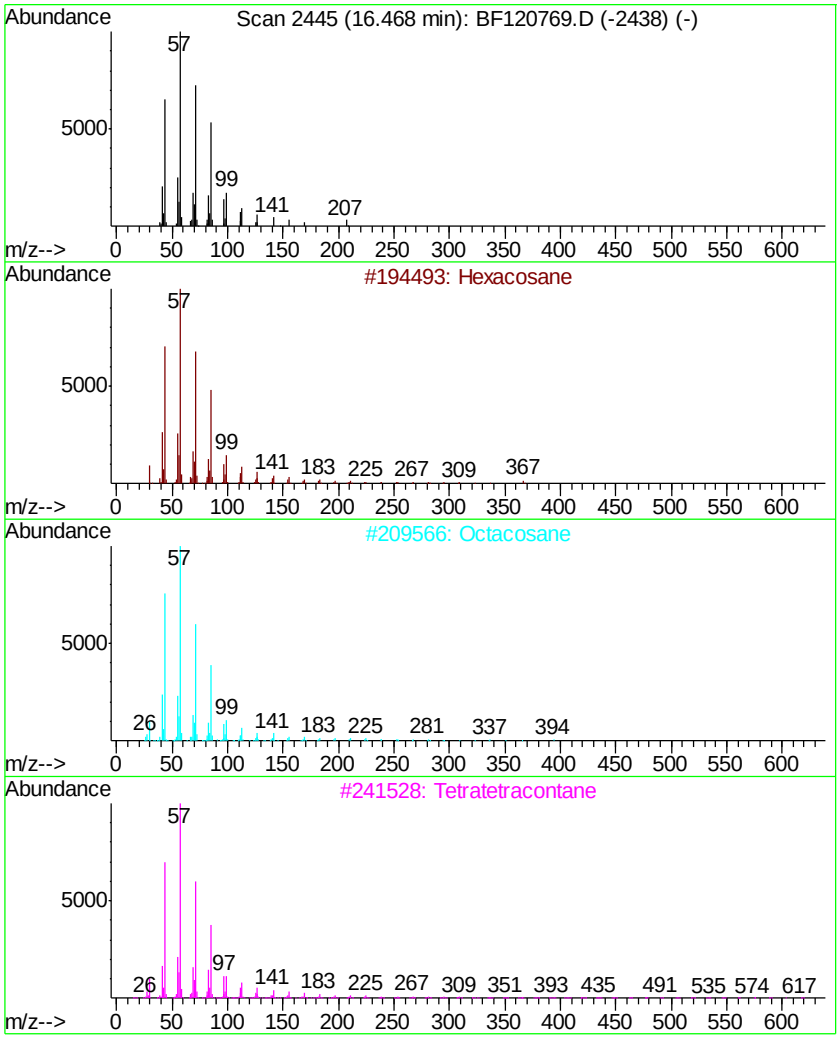
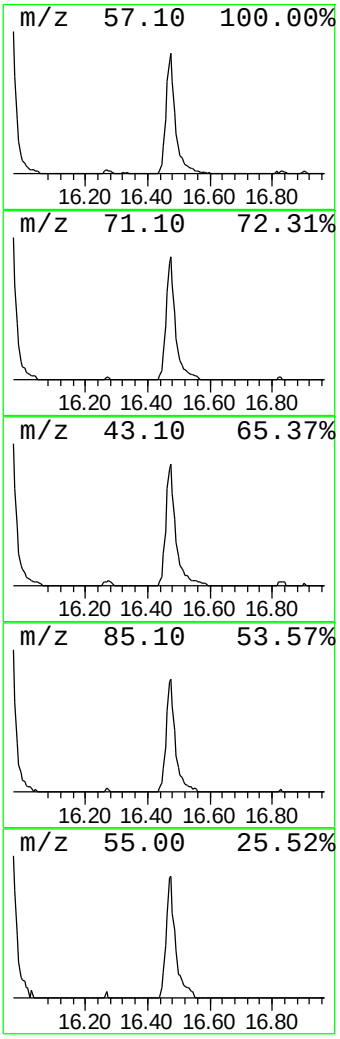
Peak Number 5 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	4.38 ng	248112	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tritetracontane	605	C43H88	007098-21-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070620\
Data File : BF120769.D
Acq On : 6 Jul 2020 10:37
Operator : JU/CG
Sample : PB129891BL
Misc : PBBL01-MDL-SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB129891BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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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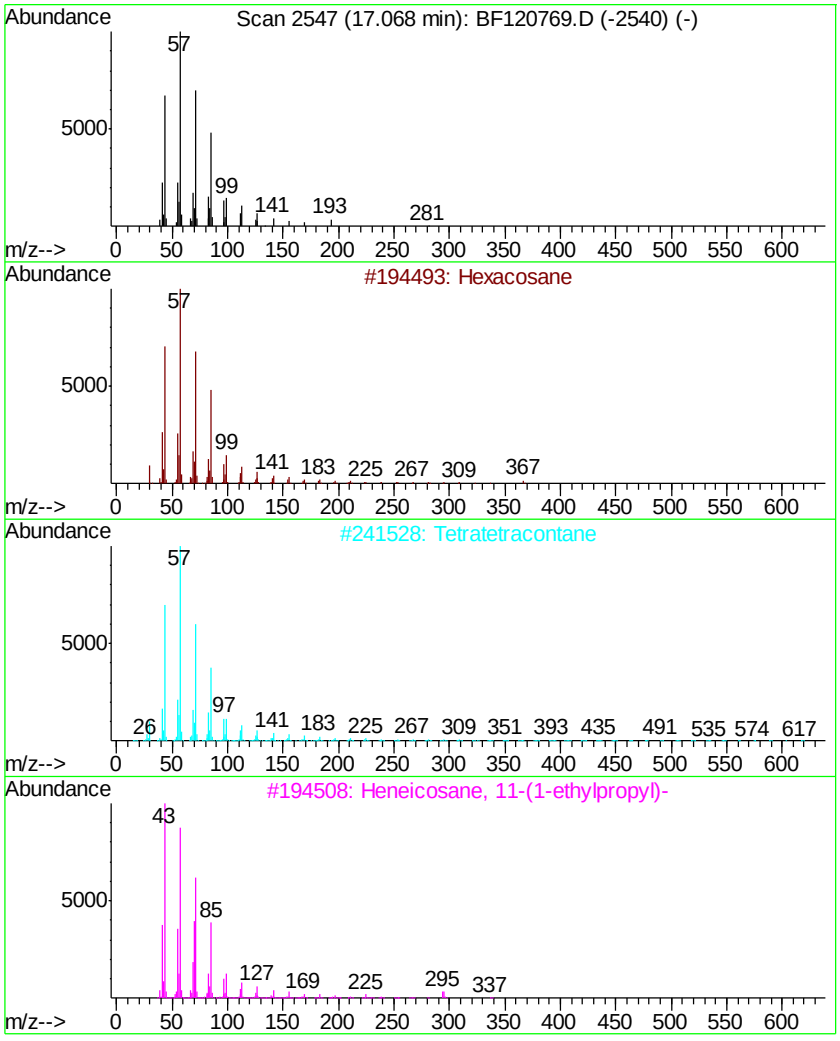
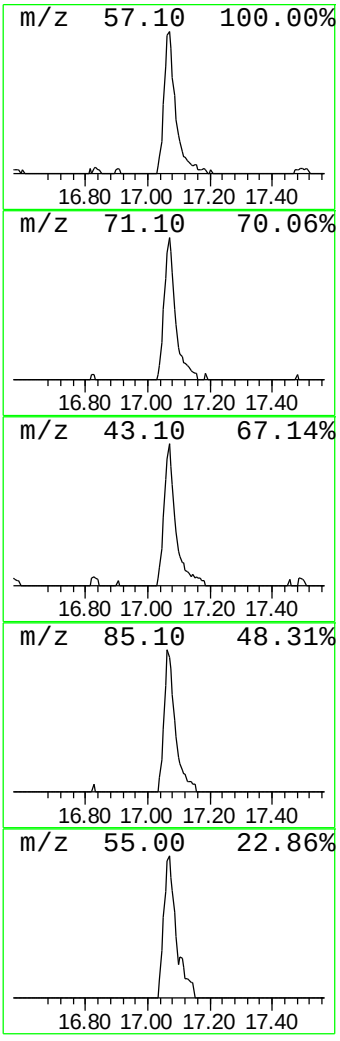
Peak Number 6 Tetratetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	2.60 ng	147607	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Octacosane	394	C28H58	000630-02-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070620\
Data File : BF120769.D
Acq On : 6 Jul 2020 10:37
Operator : JU/CG
Sample : PB129891BL
Misc : PBBL01-MDL-SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB129891BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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
Heptacosane	15.14	3.0	ng	172351	6	15.47	1133650	20.0
Heneicosane	15.53	5.0	ng	283690	6	15.47	1133650	20.0
Octacosane	15.96	4.7	ng	264014	6	15.47	1133650	20.0
Hexacosane	16.47	4.4	ng	248112	6	15.47	1133650	20.0
Tetratetracontane	17.07	2.6	ng	147607	6	15.47	1133650	20.0