LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF120010.D
Acq On : 15 Apr 2020 23:43
Operator : MA/SJ
Sample : L2244-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-23-22-COMP

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-BF040820.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	5.328	545	551	554	rBV	4985221	5160694	73.65%	11.383%
2	6.363	720	727	729	rBV	4092672	5228242	74.61%	11.532%
3	6.722	784	788	792	rBV	1216811	972665	13.88%	2.145%
4	6.881	810	815	818	rBV	4581656	4287494	61.19%	9.457%
5	7.292	879	885	888	rBV	3496554	3523651	50.28%	7.772%
6	8.010	1002	1007	1010	rBV	1484565	1299298	18.54%	2.866%
7	9.092	1185	1191	1194	rBV	6893029	6538214	93.30%	14.422%
8	9.486	1253	1258	1261	rBV	1109599	940617	13.42%	2.075%
9	9.763	1300	1305	1309	rBV	1870011	1541304	22.00%	3.400%
10	10.551	1435	1439	1443	rBV	2977073	2745522	39.18%	6.056%
11	11.251	1554	1558	1561	rBV	1789895	1626860	23.22%	3.588%
12	12.845	1823	1829	1832	rBV	6496562	7007422	100.00%	15.457%
13	13.321	1907	1910	1914	rVB	169550	143941	2.05%	0.318%
14	13.421	1922	1927	1929	rBV	134586	118727	1.69%	0.262%
15	13.751	1979	1983	1985	rBV	176198	160247	2.29%	0.353%
16	13.804	1985	1992	1994	rVV6	32557	86619	1.24%	0.191%
17	13.886	2002	2006	2010	rVB	1613611	1456342	20.78%	3.212%
18	14.062	2031	2036	2040	rBV	215566	206782	2.95%	0.456%
19	14.368	2084	2088	2092	rBV	248879	221548	3.16%	0.489%
20	14.668	2132	2139	2143	rBV	257672	241737	3.45%	0.533%
21	14.992	2189	2194	2200	rBV	196609	222014	3.17%	0.490%
22	15.309	2243	2248	2252	rBV	1035956	1174304	16.76%	2.590%
23	15.351	2252	2255	2264	rVB	154895	193450	2.76%	0.427%
24	15.762	2319	2325	2331	rBV	106383	158063	2.26%	0.349%
25	16.239	2402	2406	2412	rVB2	49149	79819	1.14%	0.176%

Sum of corrected areas: 45335576

LSC Report - Integrated Chromatogram

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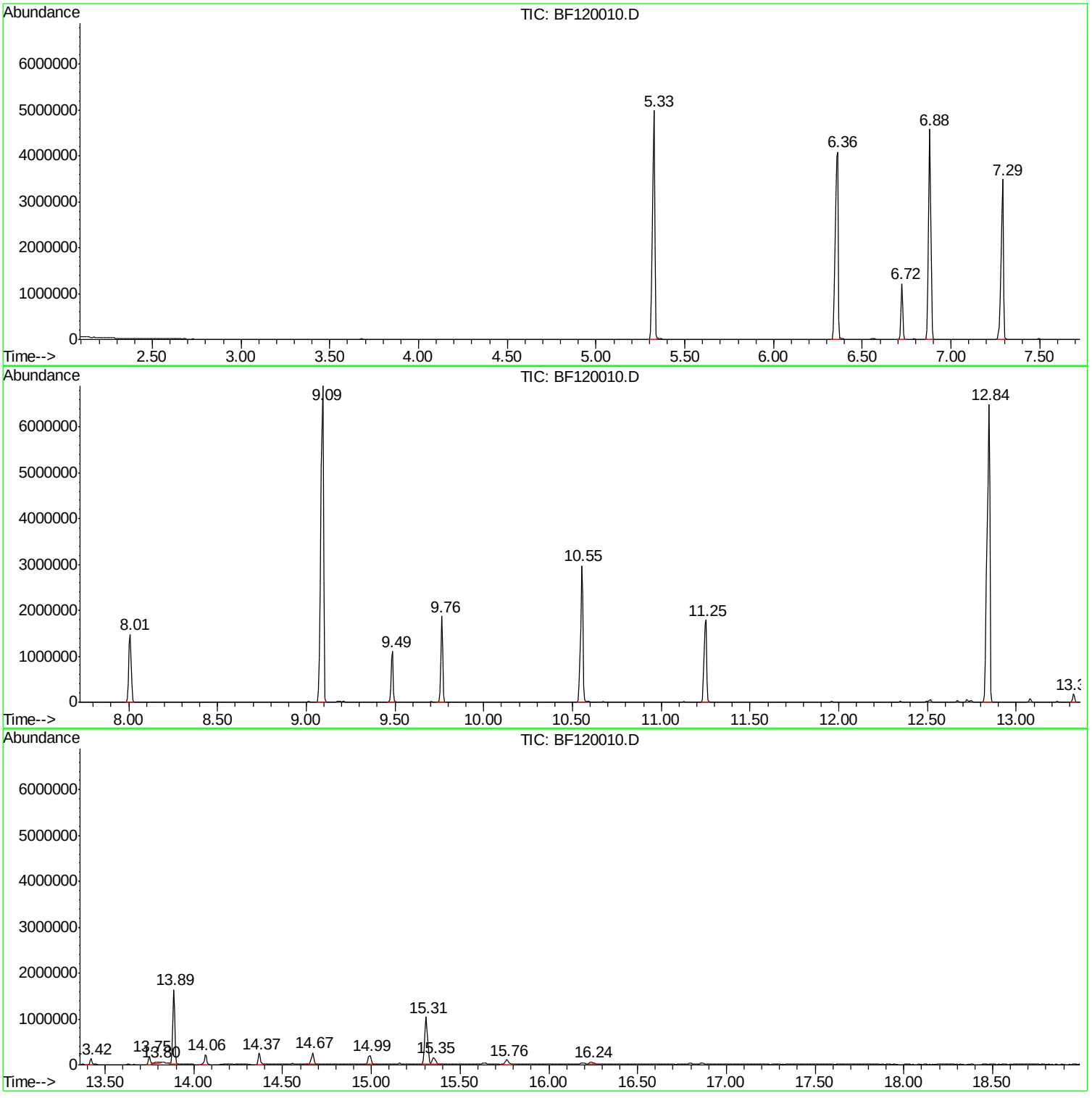
Operator : MA/SJ
Sample : L2244-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-23-22-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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\BF041520\
Data File : BF120010.D
Acq On : 15 Apr 2020 23:43
Operator : MA/SJ
Sample : L2244-12
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Instrument : BNA_F
ClientSampleId : TP-23-22-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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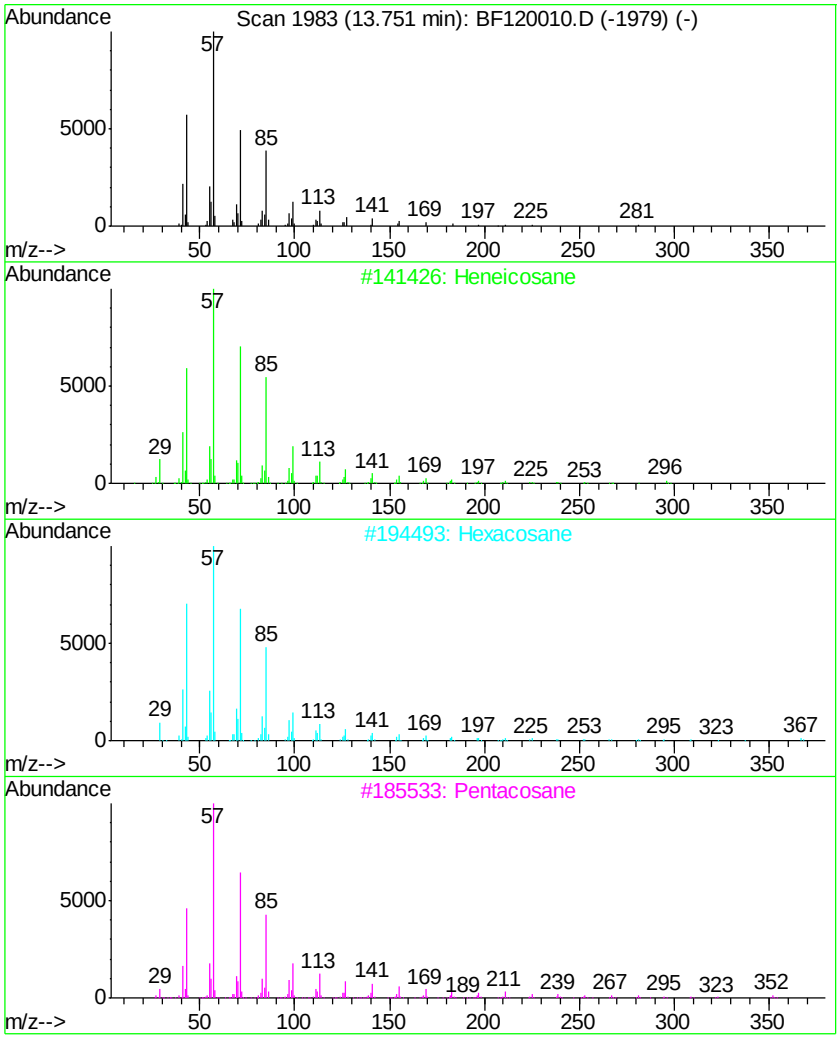
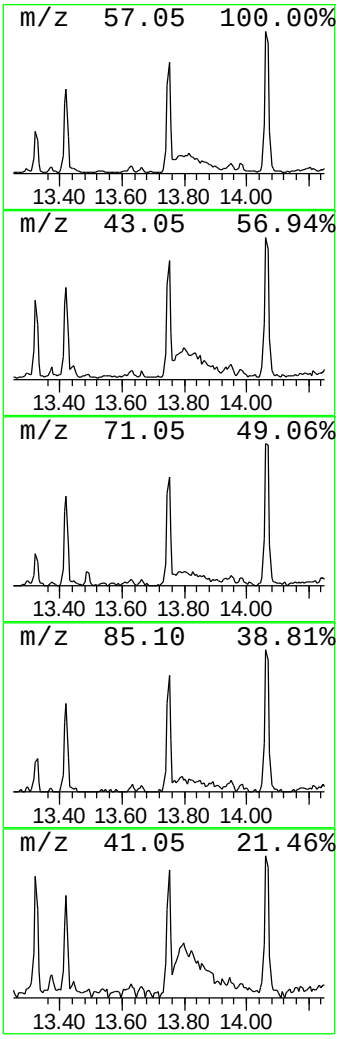
Peak Number 2 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.20 ng	160247	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Pentacosane	352	C25H52	000629-99-2	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Octadecane	254	C18H38	000593-45-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF120010.D
Acq On : 15 Apr 2020 23:43
Operator : MA/SJ
Sample : L2244-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-23-22-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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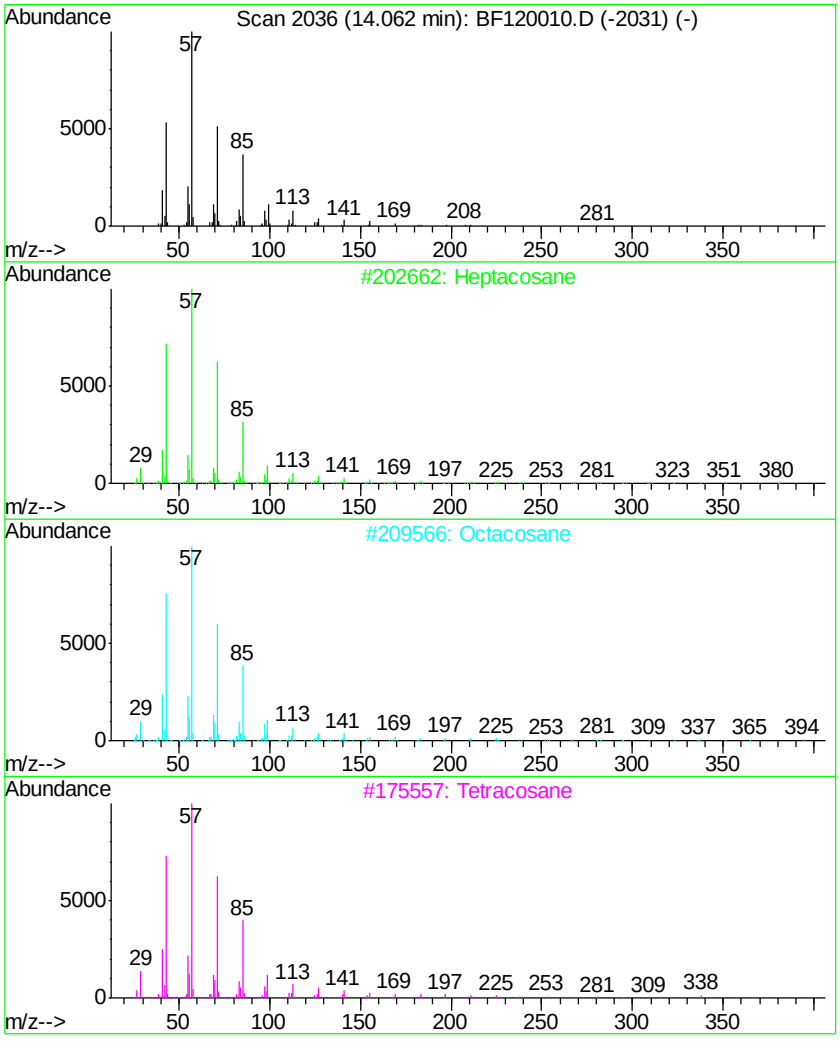
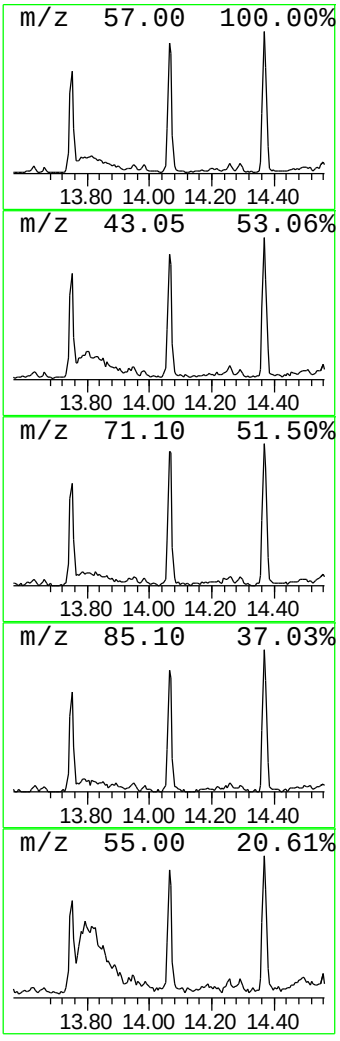
Peak Number 3 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	2.84 ng	206782	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Pentacosane	352	C25H52	000629-99-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF120010.D
Acq On : 15 Apr 2020 23:43
Operator : MA/SJ
Sample : L2244-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-23-22-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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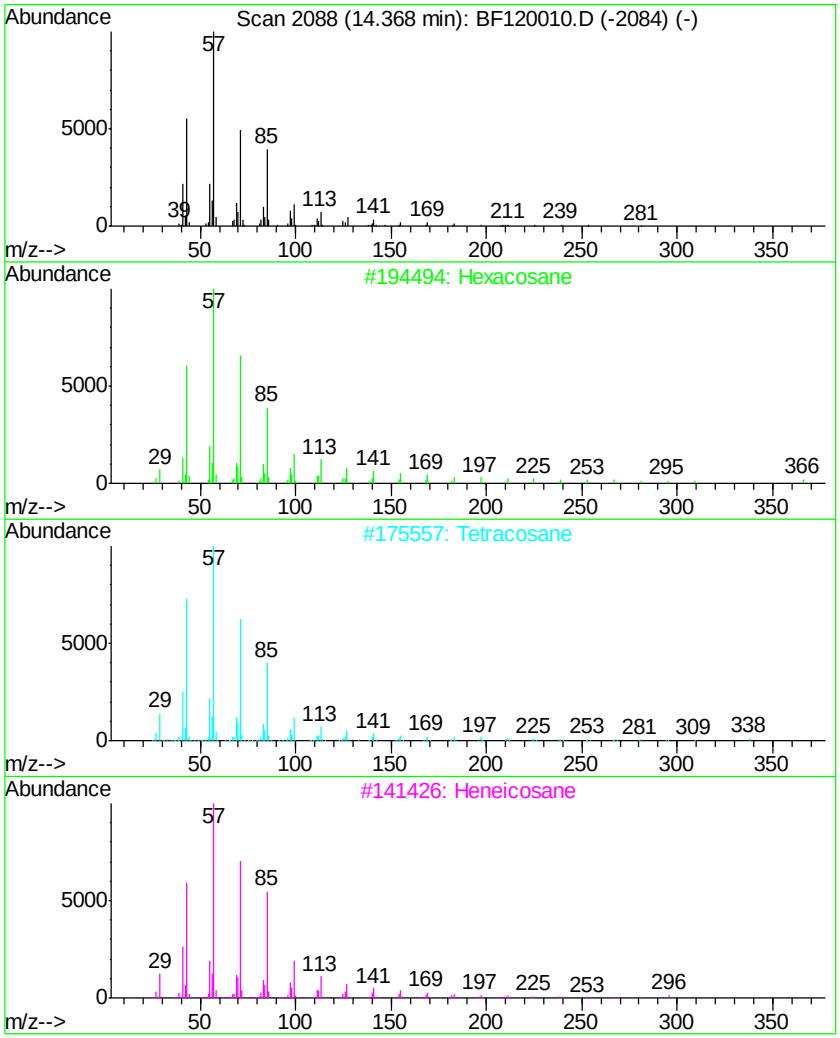
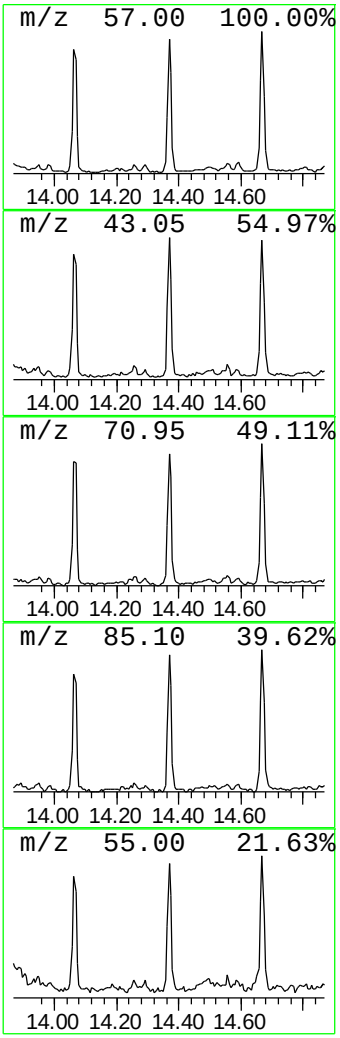
Peak Number 4 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	3.04 ng	221548	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Hexadecane	226	C16H34	000544-76-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF120010.D
Acq On : 15 Apr 2020 23:43
Operator : MA/SJ
Sample : L2244-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-23-22-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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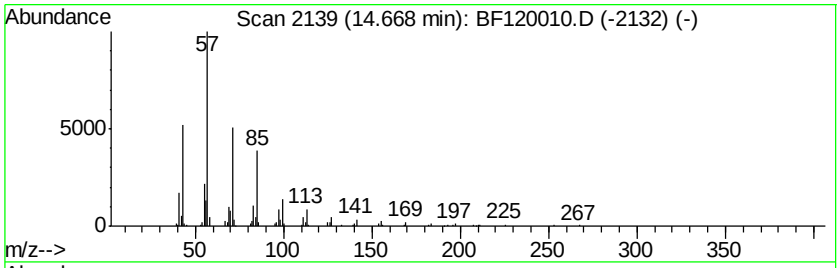
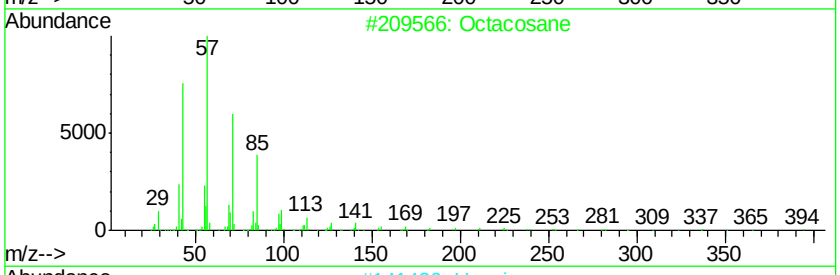
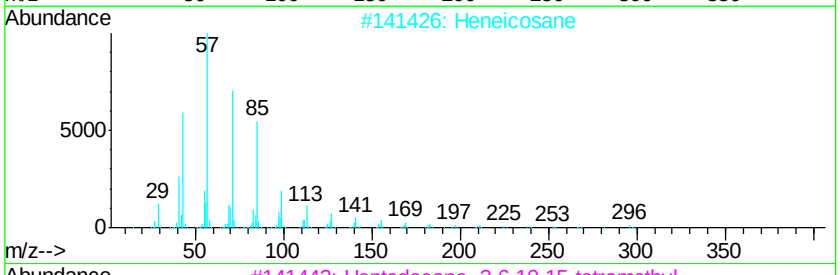
Peak Number 5 Octacosane Concentration Rank 2

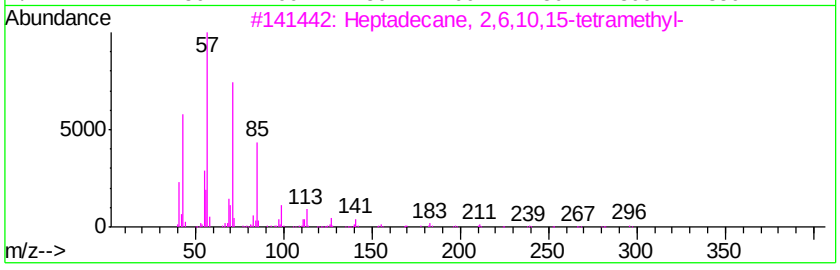
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	4.12 ng	241737	Perylene-d12	15.31

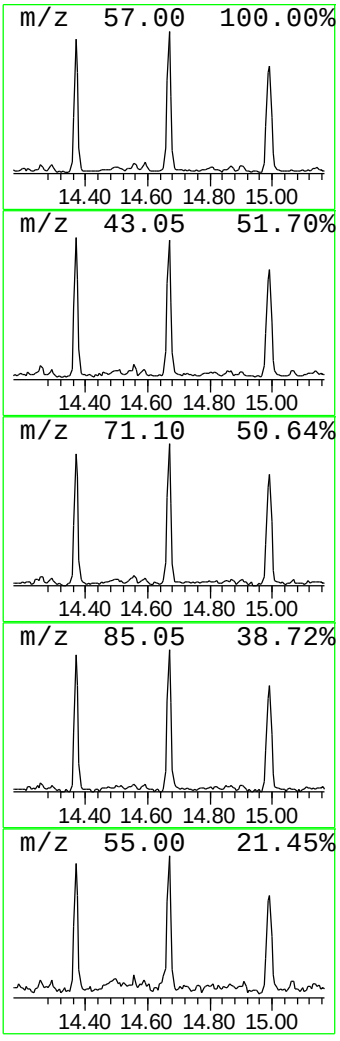
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Pentacosane	352	C25H52	000629-99-2	90











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF120010.D
Acq On : 15 Apr 2020 23:43
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Sample : L2244-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-23-22-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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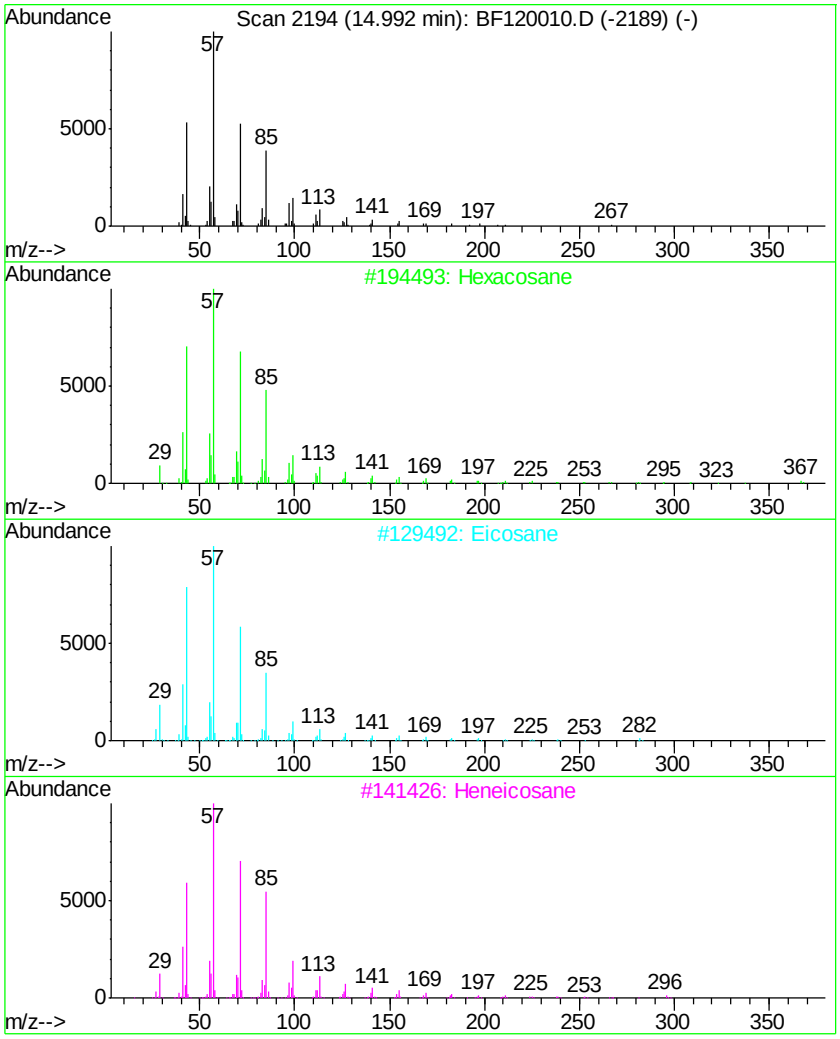
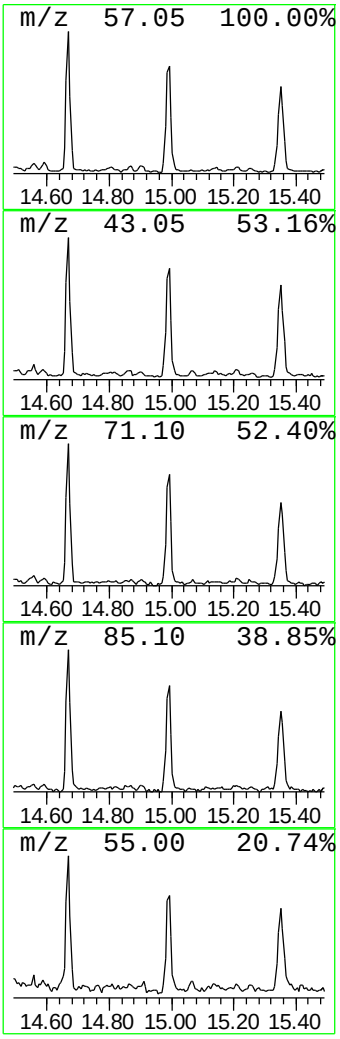
Peak Number 6 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	3.78 ng	222014	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Eicosane	282	C20H42	000112-95-8	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Tetratetracontane	619	C44H90	007098-22-8	81
5	Hexadecane	226	C16H34	000544-76-3	74





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-23-22-COMP

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

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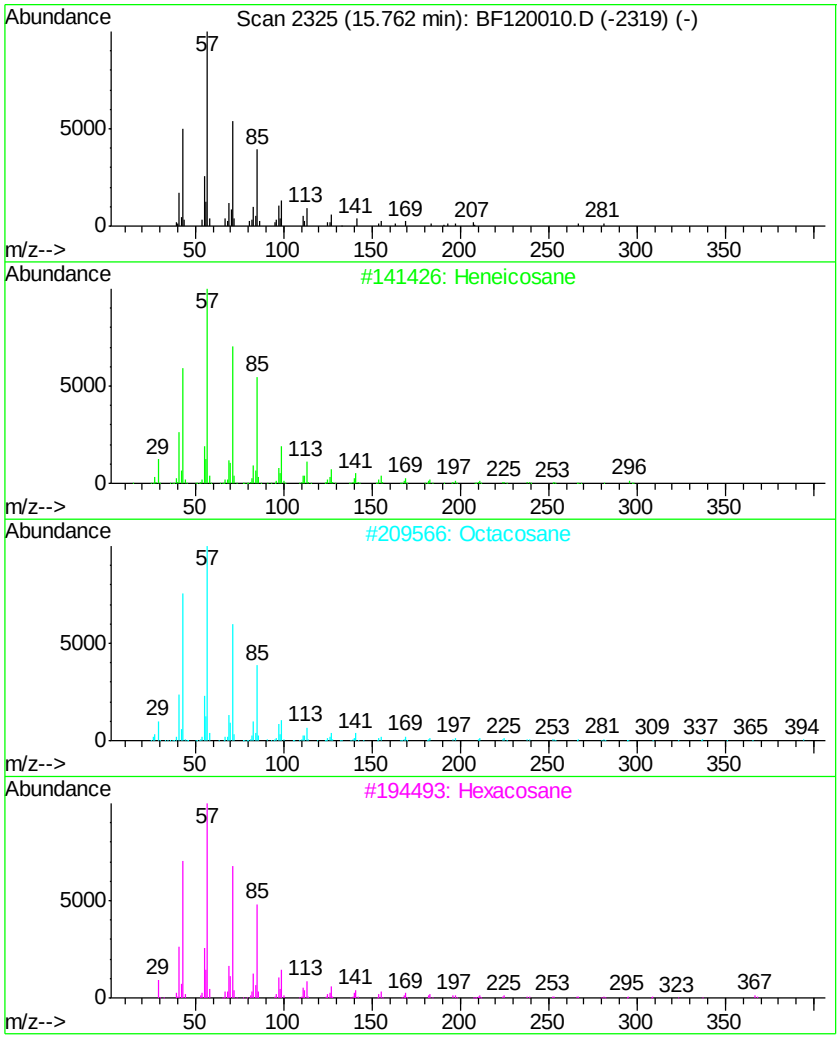
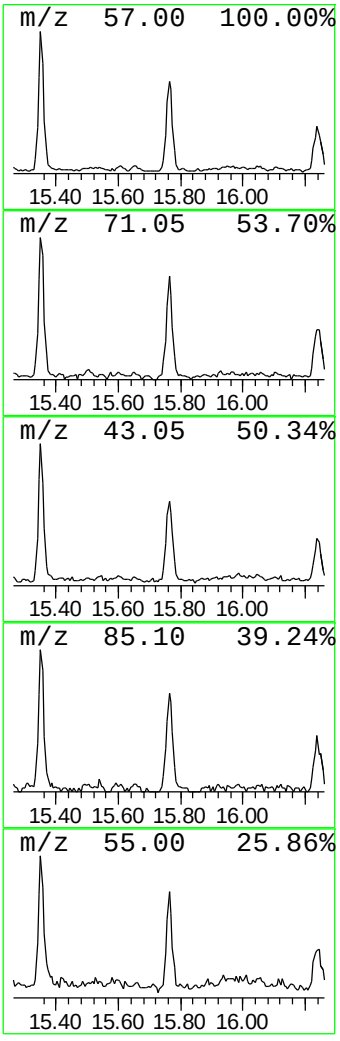
Peak Number 7 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	2.69 ng	158063	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041520\
Data File : BF120010.D
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Instrument : BNA_F
ClientSampleId : TP-23-22-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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
Heneicosane	13.75	2.2	ng	160247	5	13.89	1456340	20.0
Heptacosane	14.06	2.8	ng	206782	5	13.89	1456340	20.0
Hexacosane	14.37	3.0	ng	221548	5	13.89	1456340	20.0
Octacosane	14.67	4.1	ng	241737	6	15.31	1174300	20.0
Eicosane	14.99	3.8	ng	222014	6	15.31	1174300	20.0
2-methyloctacosane	15.76	2.7	ng	158063	6	15.31	1174300	20.0