LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115045.D
Acq On : 14 Jun 2019 17:45
Operator : HP/JU
Sample : K3369-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-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-BF061219.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	5.251	534	538	552	rBV	2879193	2719988	38.81%	5.678%
2	6.281	709	713	731	rBV	1986621	1767935	25.22%	3.690%
3	6.416	731	736	739	rBV	5335338	4941724	70.51%	10.315%
4	6.645	771	775	779	rBV	1639660	1394660	19.90%	2.911%
5	6.804	797	802	805	rBV	5317689	4998094	71.31%	10.433%
6	7.210	865	871	874	rBV	3734695	3817436	54.47%	7.968%
7	7.928	988	993	996	rBV	1802868	1706223	24.34%	3.562%
8	9.004	1170	1176	1179	rBV	7221764	7008888	100.00%	14.630%
9	9.339	1229	1233	1240	rBV	55649	91826	1.31%	0.192%
10	9.398	1240	1243	1250	rVB2	64587	78881	1.13%	0.165%
11	9.669	1285	1289	1299	rBV	1968558	1897552	27.07%	3.961%
12	10.457	1418	1423	1442	rBV	3421547	3428001	48.91%	7.155%
13	11.145	1536	1540	1548	rBV	1974001	1716543	24.49%	3.583%
14	12.727	1805	1809	1813	rBV	5692813	5692293	81.22%	11.882%
15	13.763	1981	1985	1997	rBV	1418932	1498258	21.38%	3.127%
16	13.957	2013	2018	2021	rBV	66256	72657	1.04%	0.152%
17	14.263	2066	2070	2076	rVB	209698	208278	2.97%	0.435%
18	14.551	2115	2119	2124	rBV	525558	563340	8.04%	1.176%
19	14.857	2166	2171	2181	rBV	789951	887511	12.66%	1.853%
20	15.139	2215	2219	2224	rBV	1091795	1328417	18.95%	2.773%
21	15.198	2224	2229	2242	rVB	735596	1000495	14.27%	2.088%
22	15.580	2288	2294	2306	rBV	438121	679066	9.69%	1.417%
23	16.027	2364	2370	2382	rBV	171962	320089	4.57%	0.668%
24	16.545	2453	2458	2466	rVB2	46285	89145	1.27%	0.186%

Sum of corrected areas: 47907300

LSC Report - Integrated Chromatogram

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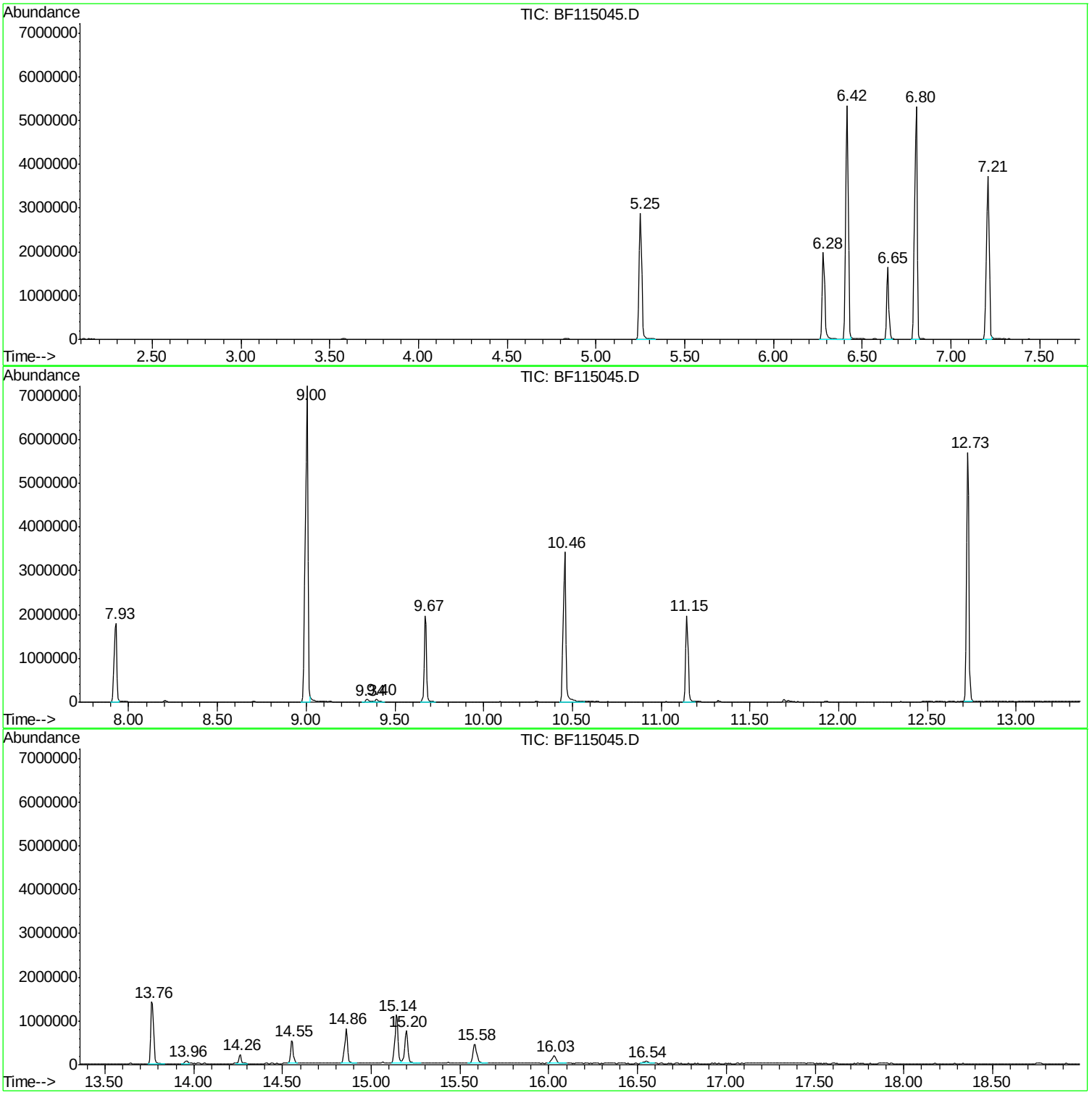
Operator : HP/JU
Sample : K3369-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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\BF061419\
Data File : BF115045.D
Acq On : 14 Jun 2019 17:45
Operator : HP/JU
Sample : K3369-01
Misc :
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Instrument : BNA_F
ClientSampleId : FRAC-TANK-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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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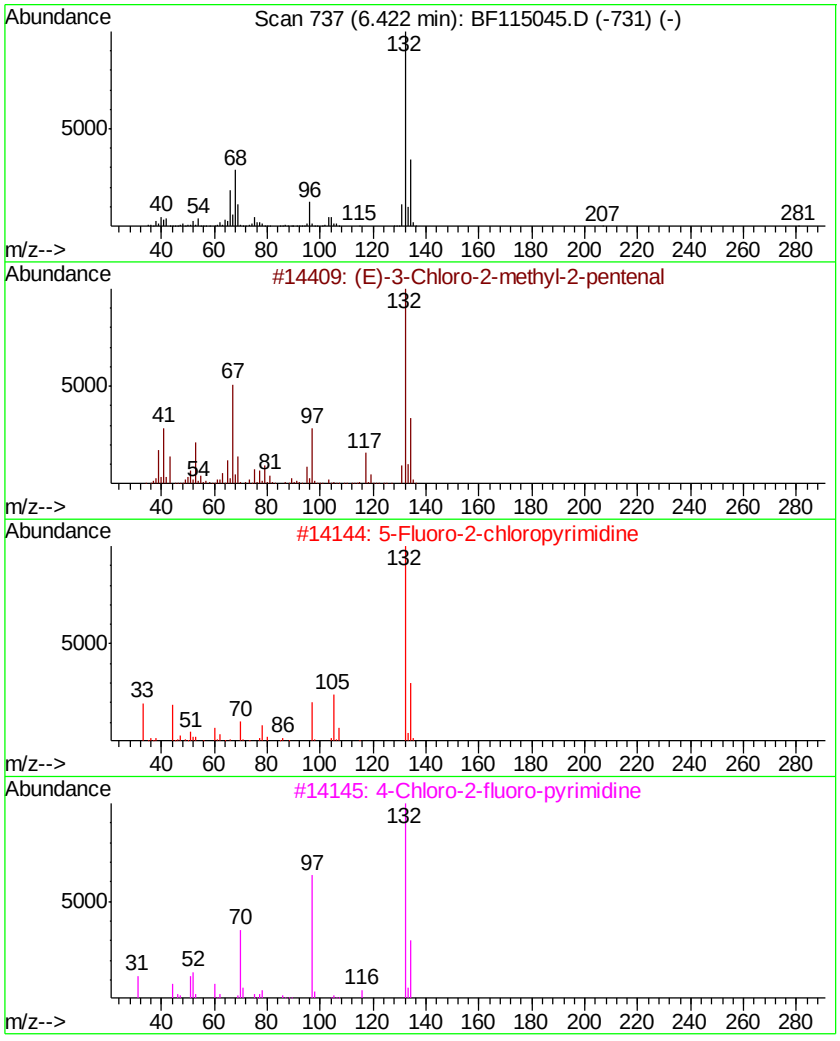
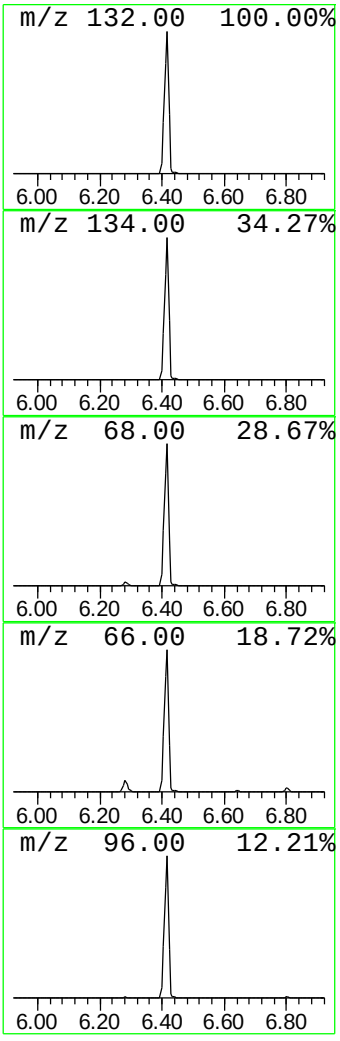
Peak Number 1 unknown6.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	70.87 ng	4941720	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115045.D
Acq On : 14 Jun 2019 17:45
Operator : HP/JU
Sample : K3369-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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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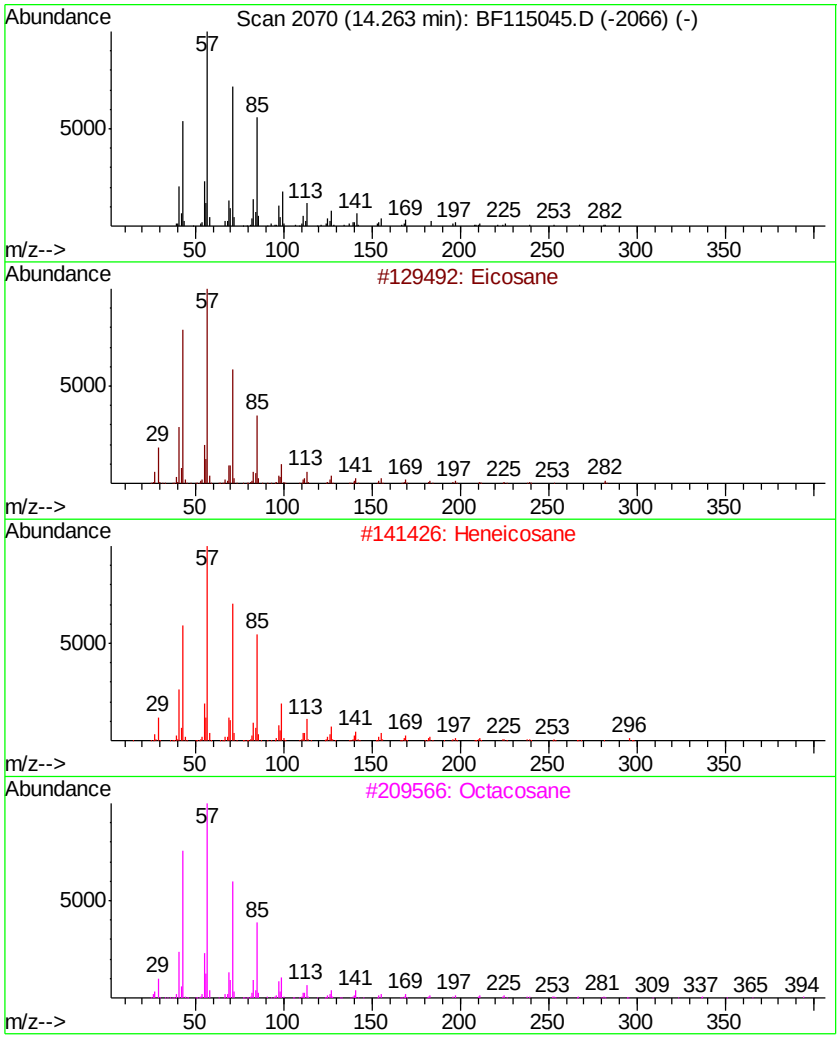
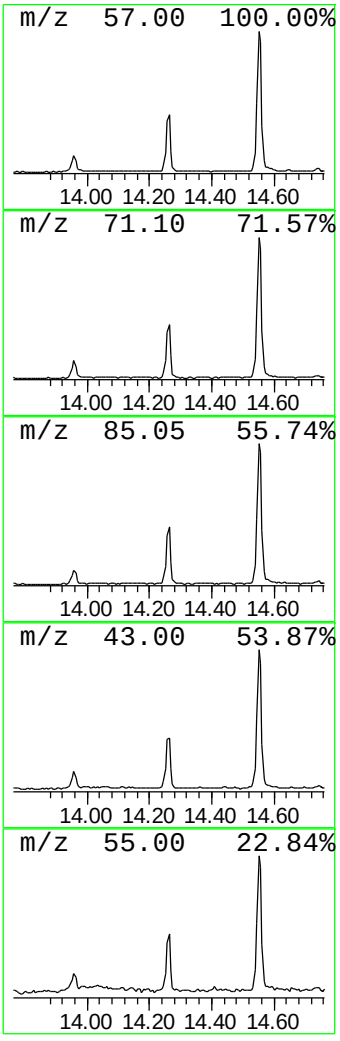
Peak Number 3 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	2.78 ng	208278	Chrysene-d12	13.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115045.D
Acq On : 14 Jun 2019 17:45
Operator : HP/JU
Sample : K3369-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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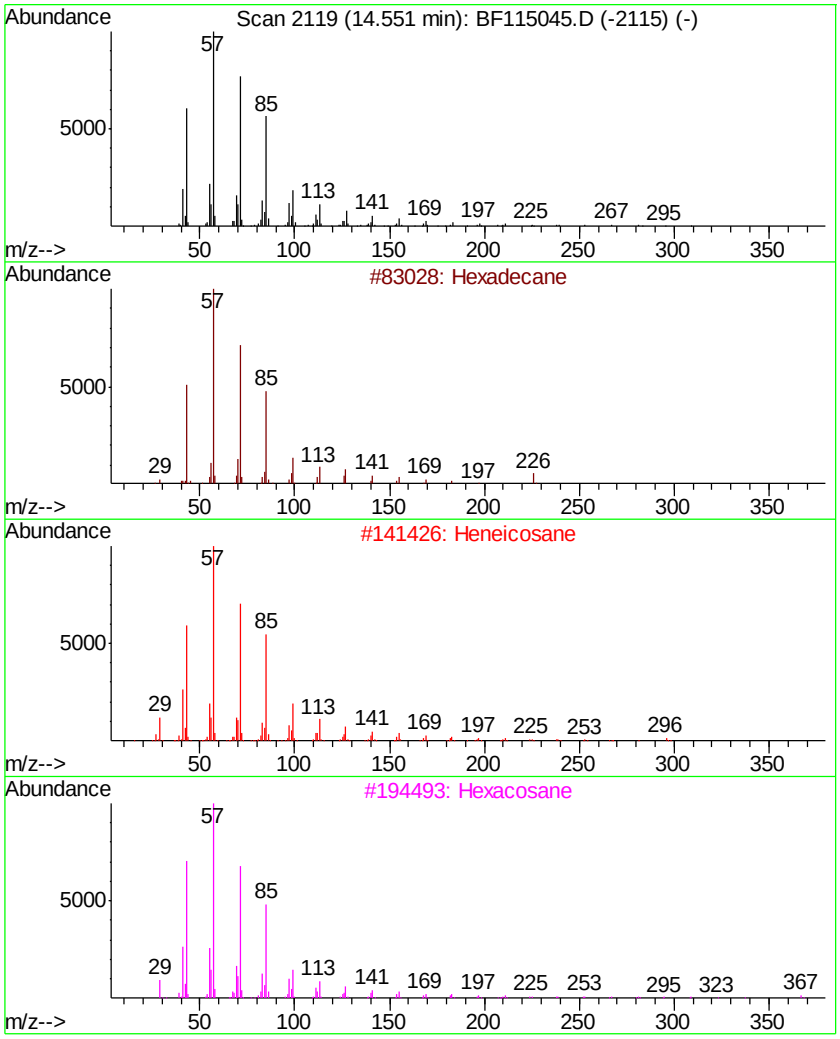
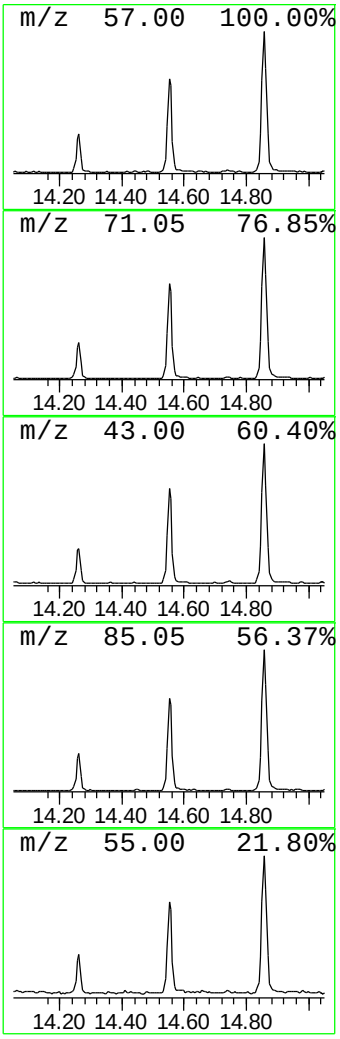
Peak Number 4 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	8.48 ng	563340	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octadecane	254	C18H38	000593-45-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115045.D
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Sample : K3369-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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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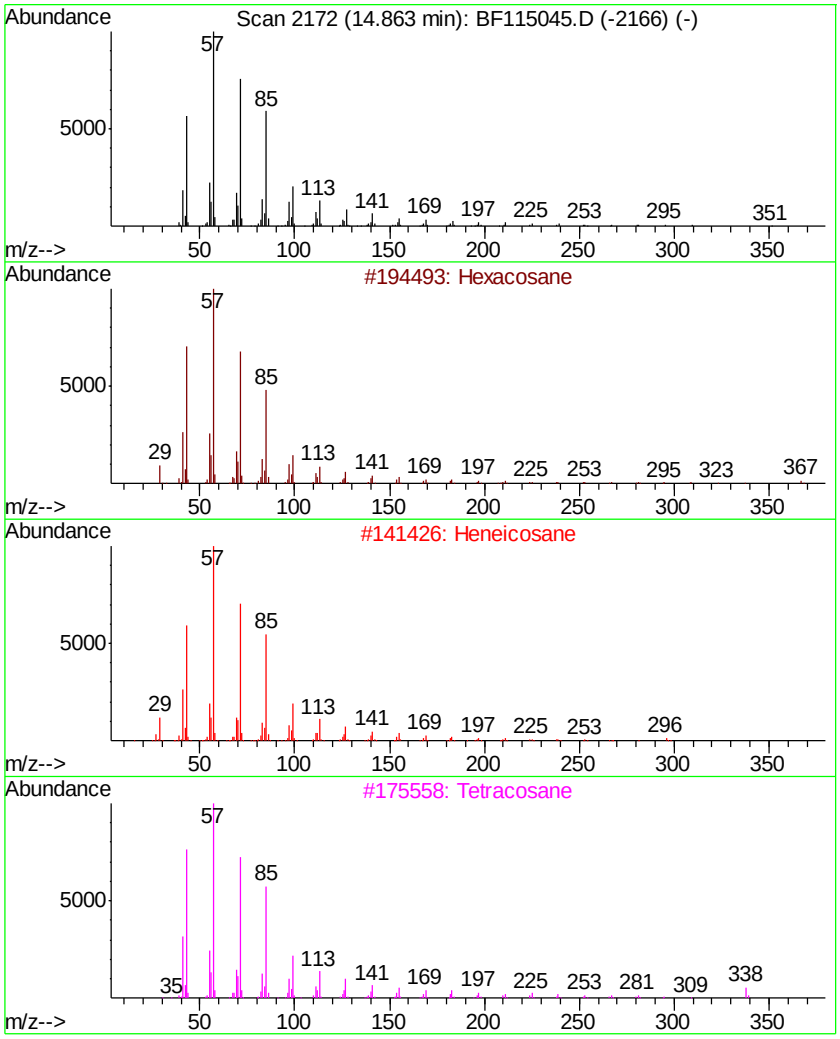
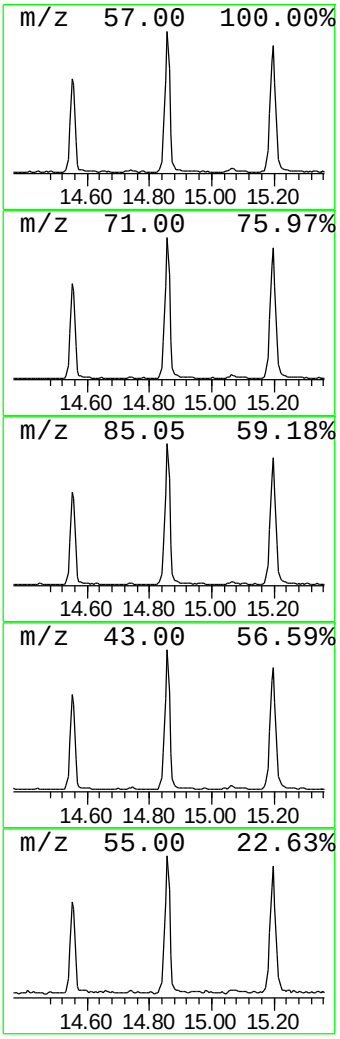
Peak Number 5 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	13.36 ng	887511	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115045.D
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Operator : HP/JU
Sample : K3369-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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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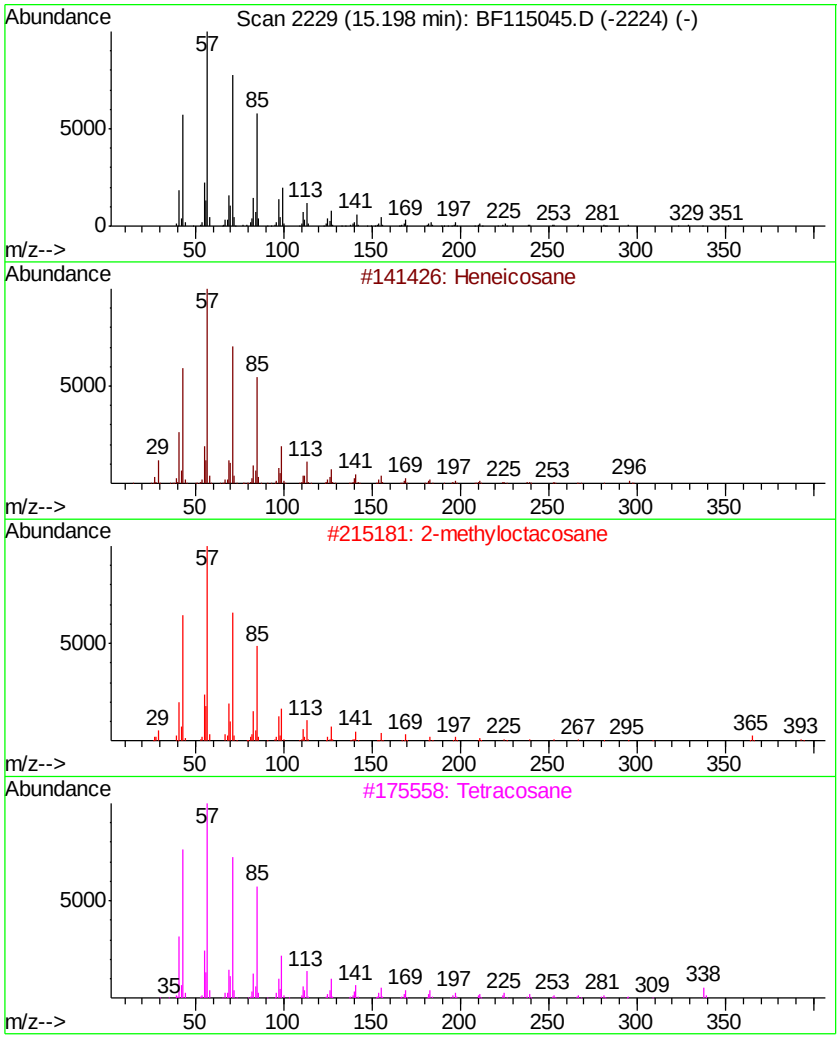
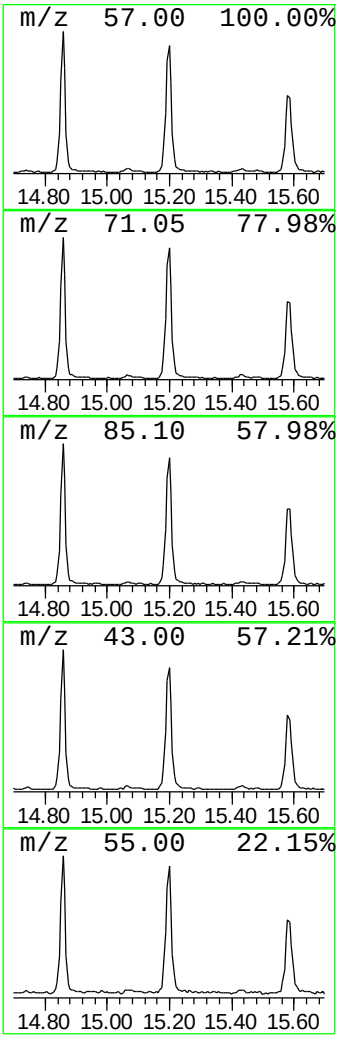
Peak Number 6 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	15.06 ng	1000500	Perylene-d12	15.14

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	Tetracosane	338	C24H50	000646-31-1	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115045.D
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Operator : HP/JU
Sample : K3369-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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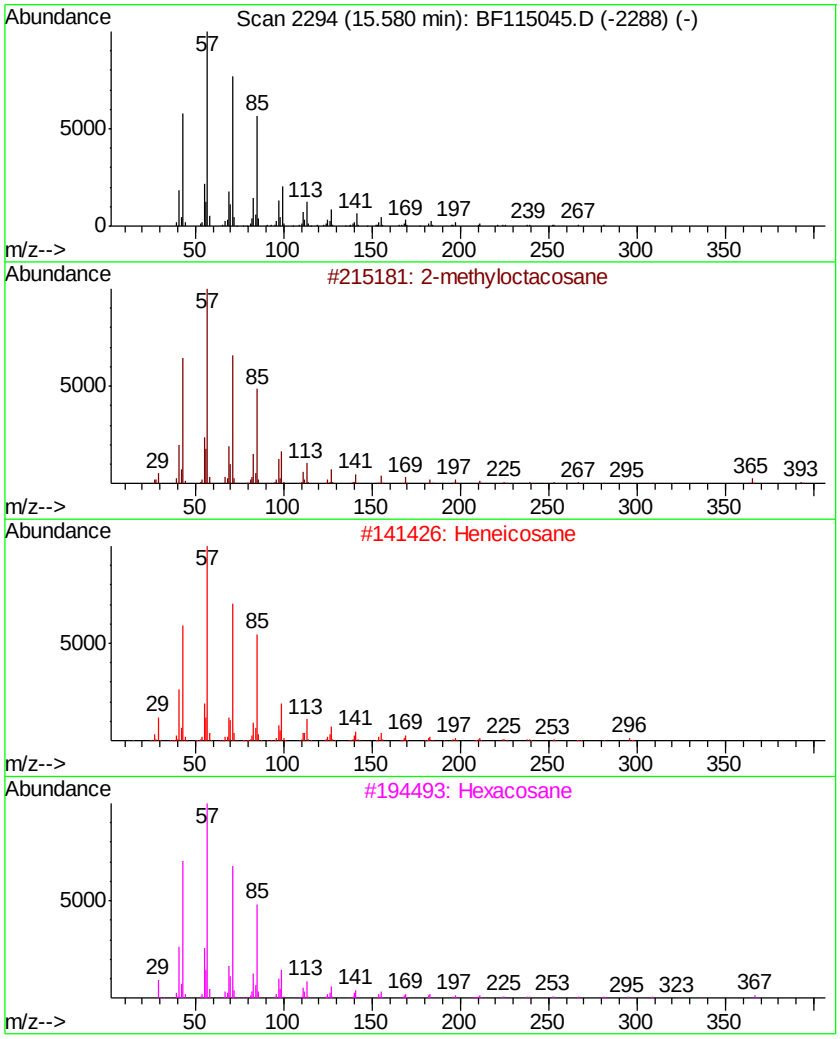
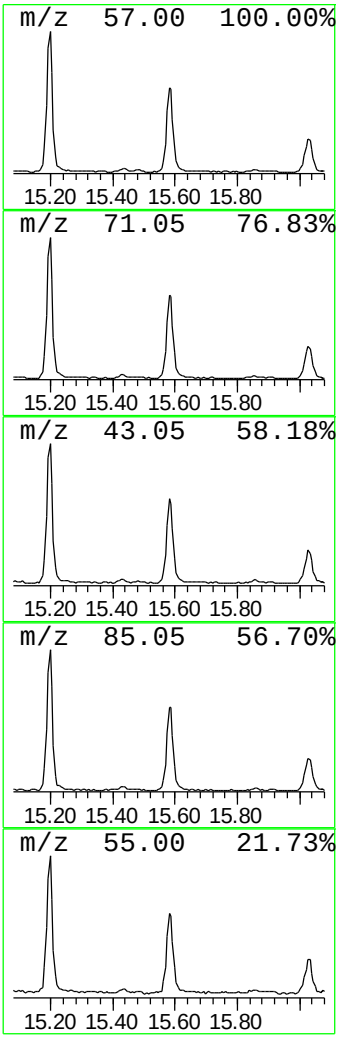
Peak Number 7 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	10.22 ng	679066	Perylene-d12	15.14

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061419\
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Misc :
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Instrument : BNA_F
ClientSampleId : FRAC-TANK-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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
unknown6.42	6.42	70.9	ng	4941720	1	6.65	1394660	20.0
Eicosane	14.26	2.8	ng	208278	5	13.76	1498260	20.0
Hexadecane	14.55	8.5	ng	563340	6	15.14	1328420	20.0
Hexacosane	14.86	13.4	ng	887511	6	15.14	1328420	20.0
Heneicosane	15.20	15.1	ng	1000500	6	15.14	1328420	20.0
2-methyloctacosane	15.58	10.2	ng	679066	6	15.14	1328420	20.0