LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115201.D
Acq On : 25 Jun 2019 21:31
Operator : HP/JU
Sample : K3164-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B08

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-BF062119.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	4.454	423	428	434	rVB	129490	148167	2.87%	0.315%
2	5.207	551	556	559	rBV	4027511	4295990	83.25%	9.146%
3	6.248	727	733	736	rBV	4245462	4333140	83.97%	9.225%
4	6.278	736	738	750	rVB	122576	120935	2.34%	0.257%
5	6.378	750	755	758	rBV	4793474	4598326	89.11%	9.790%
6	6.607	791	794	798	rBV	1663111	1382741	26.80%	2.944%
7	6.766	817	821	824	rBV	4428937	3803216	73.70%	8.097%
8	7.166	884	889	893	rBV	2680814	2828474	54.81%	6.022%
9	7.889	1007	1012	1015	rBV	1906693	1619239	31.38%	3.447%
10	8.966	1190	1195	1210	rBV	5045654	5160205	100.00%	10.986%
11	9.360	1258	1262	1275	rVB	457874	506106	9.81%	1.077%
12	9.636	1304	1309	1323	rBV	1621332	1604591	31.10%	3.416%
13	10.413	1437	1441	1454	rBV	2637325	2481482	48.09%	5.283%
14	11.107	1555	1559	1565	rBV	1750052	1464489	28.38%	3.118%
15	11.654	1647	1652	1662	rBV2	99041	176966	3.43%	0.377%
16	12.442	1780	1786	1797	rBV	113578	219578	4.26%	0.467%
17	12.689	1824	1828	1831	rBV	5050232	4550850	88.19%	9.689%
18	13.183	1906	1912	1921	rBV	1721293	1708231	33.10%	3.637%
19	13.724	1999	2004	2022	rBV	1901481	1965467	38.09%	4.184%
20	13.930	2035	2039	2045	rVB	85785	76251	1.48%	0.162%
21	14.230	2087	2090	2094	rBV	119636	122010	2.36%	0.260%
22	14.524	2137	2140	2144	rVB	217113	189507	3.67%	0.403%
23	14.589	2147	2151	2156	rBV	994015	906887	17.57%	1.931%
24	14.824	2187	2191	2196	rBV	236914	252352	4.89%	0.537%
25	15.089	2231	2236	2243	rBV	1543890	1742513	33.77%	3.710%
26	15.159	2244	2248	2257	rVB	233238	287366	5.57%	0.612%
27	15.542	2309	2313	2320	rBV	170682	228879	4.44%	0.487%
28	15.983	2384	2388	2396	rVB2	84552	141073	2.73%	0.300%
29	16.495	2472	2475	2481	rVB3	35383	56397	1.09%	0.120%

Sum of corrected areas: 46971428

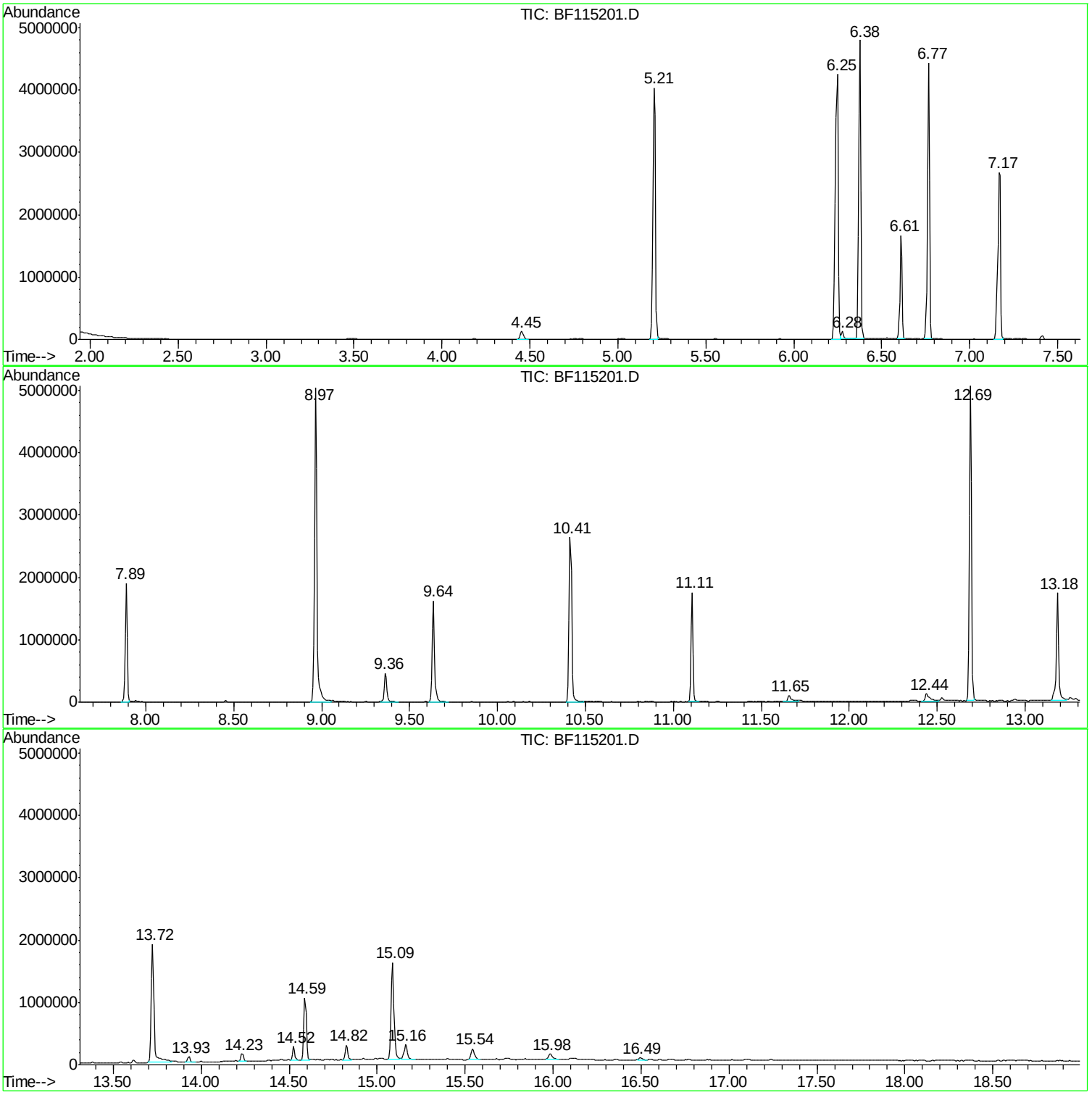
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115201.D
Acq On : 25 Jun 2019 21:31
Operator : HP/JU
Sample : K3164-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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\BF062519\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

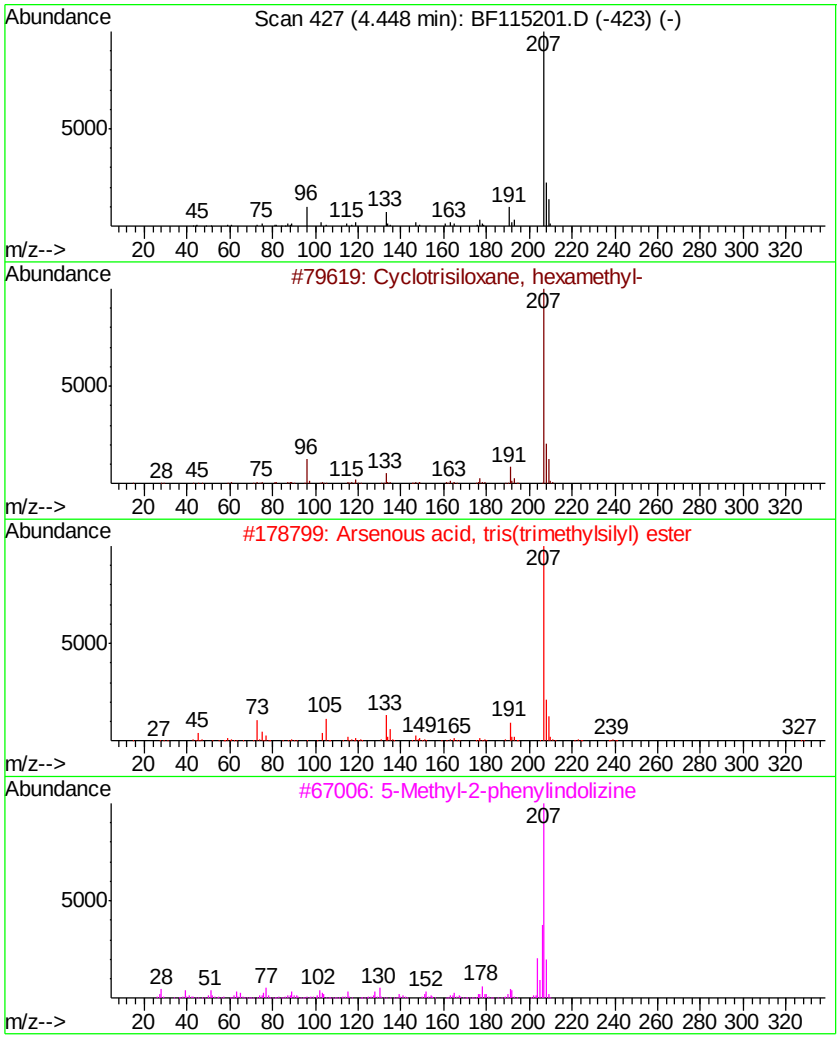
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

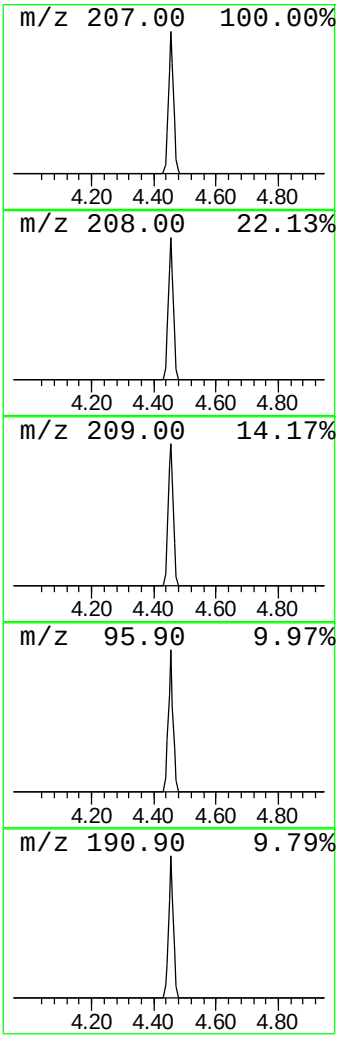
****

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	2.14 ng	148167	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	72
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	39
4	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38





Library Search Compound Report

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Data File : BF115201.D
Acq On : 25 Jun 2019 21:31
Operator : HP/JU
Sample : K3164-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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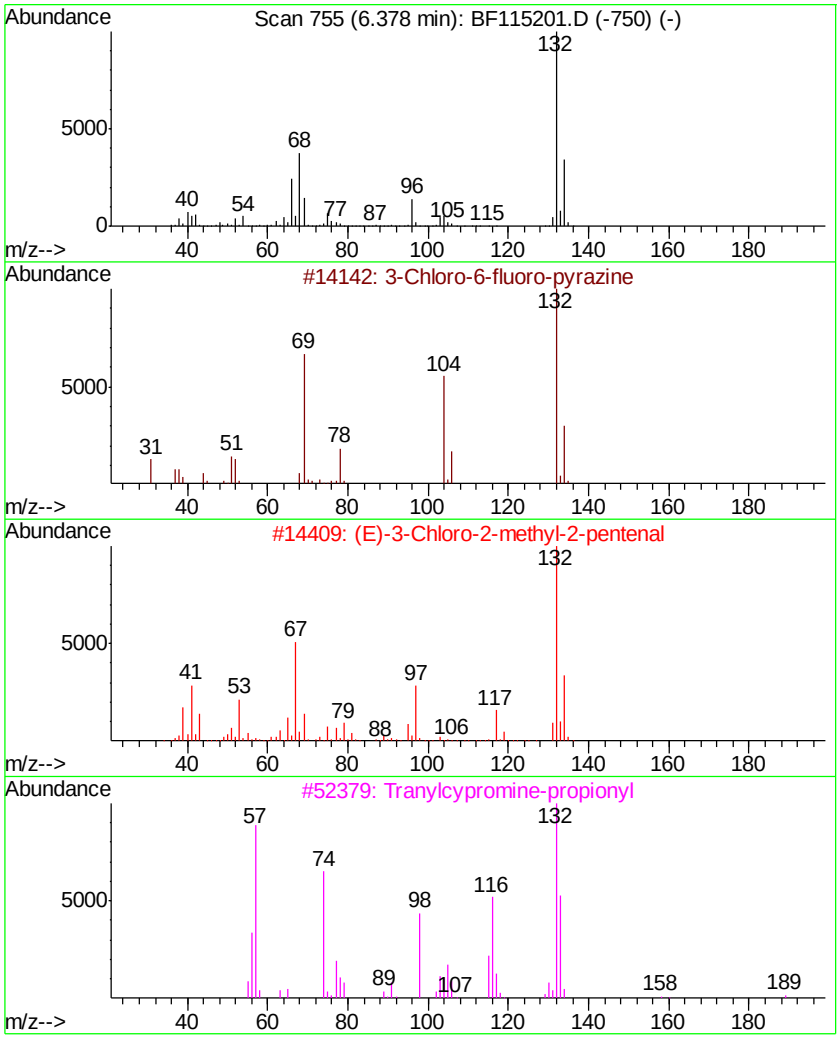
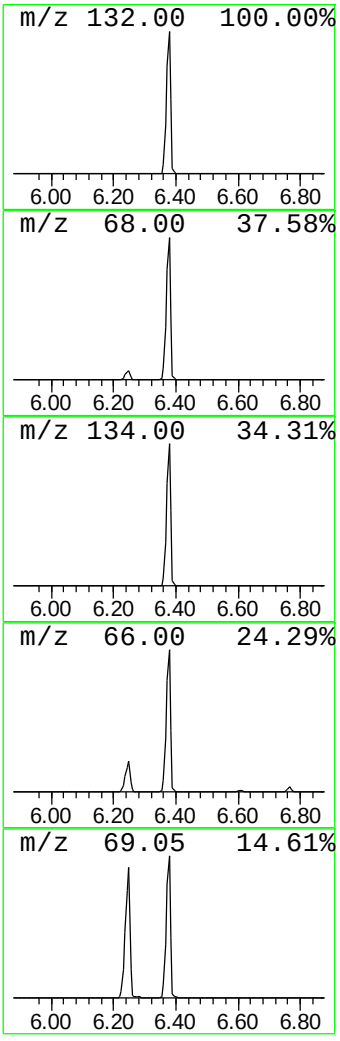
Peak Number 2 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	66.51 ng	4598330	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Data File : BF115201.D
Acq On : 25 Jun 2019 21:31
Operator : HP/JU
Sample : K3164-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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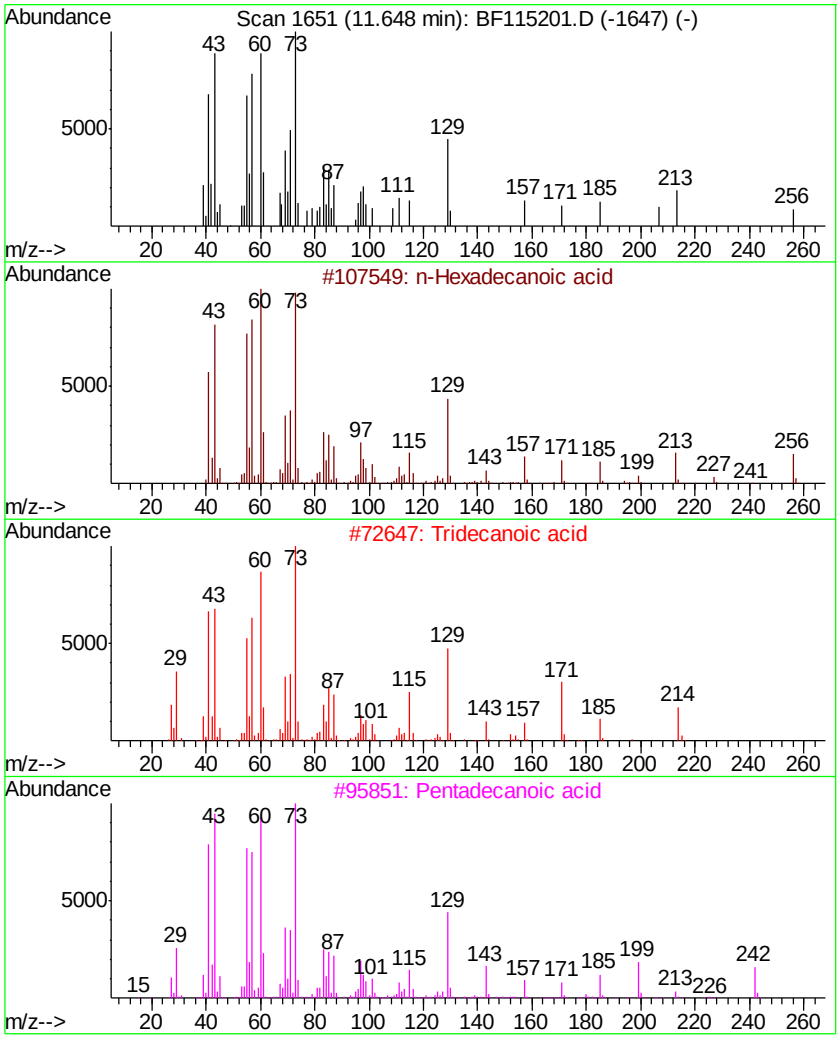
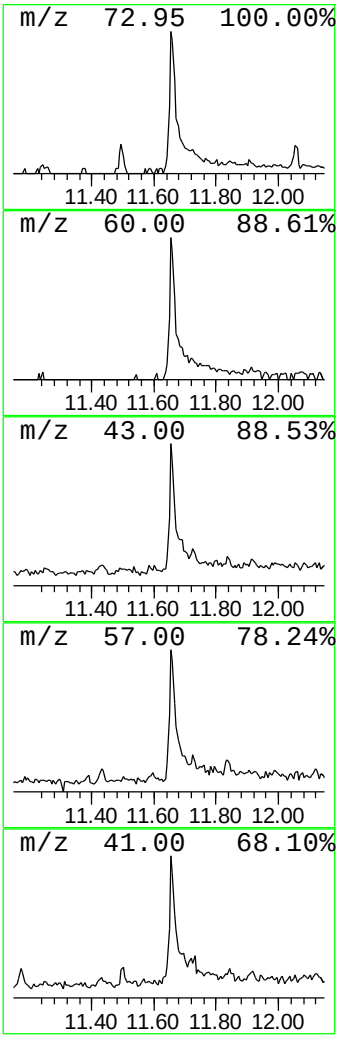
Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.42 ng	176966	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115201.D
Acq On : 25 Jun 2019 21:31
Operator : HP/JU
Sample : K3164-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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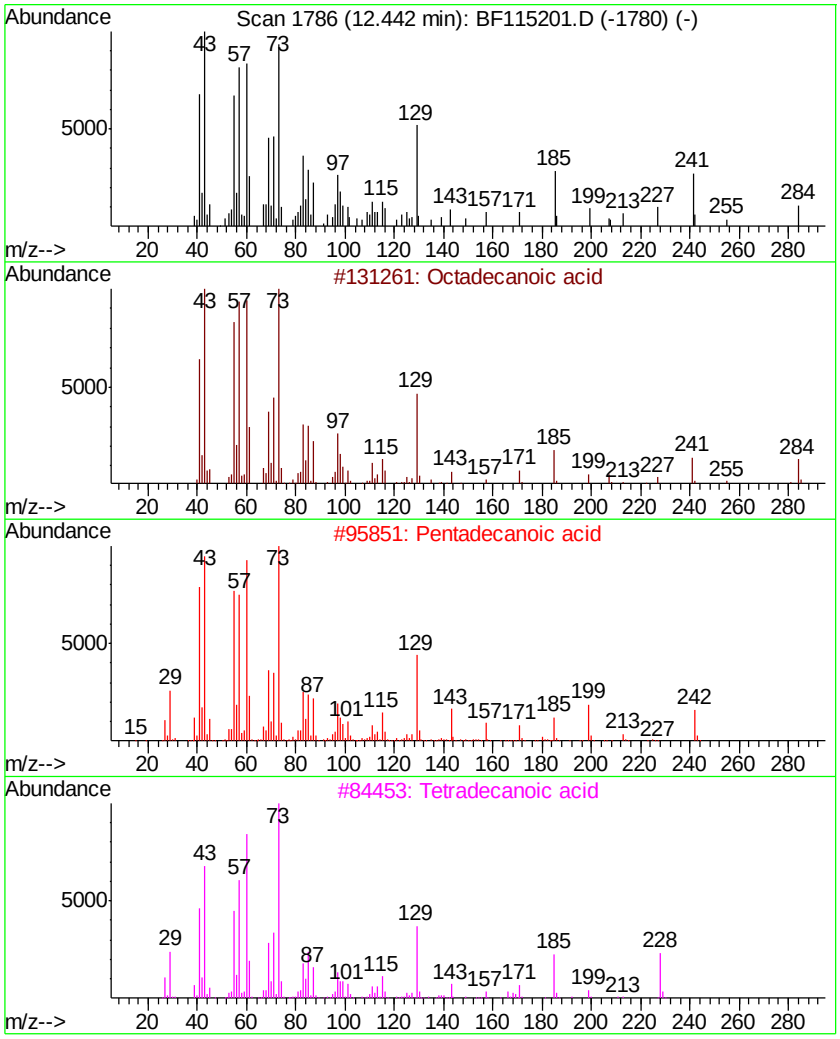
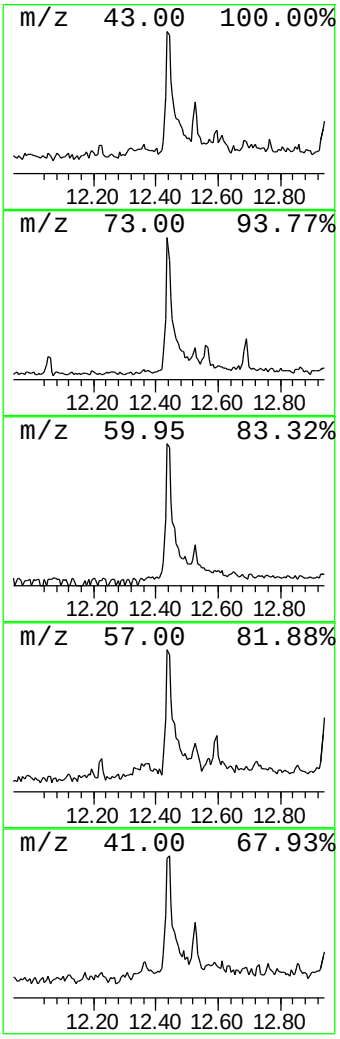
Peak Number 5 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	2.23 ng	219578	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Undecanoic acid	186	C11H22O2	000112-37-8	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
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Acq On : 25 Jun 2019 21:31
Operator : HP/JU
Sample : K3164-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

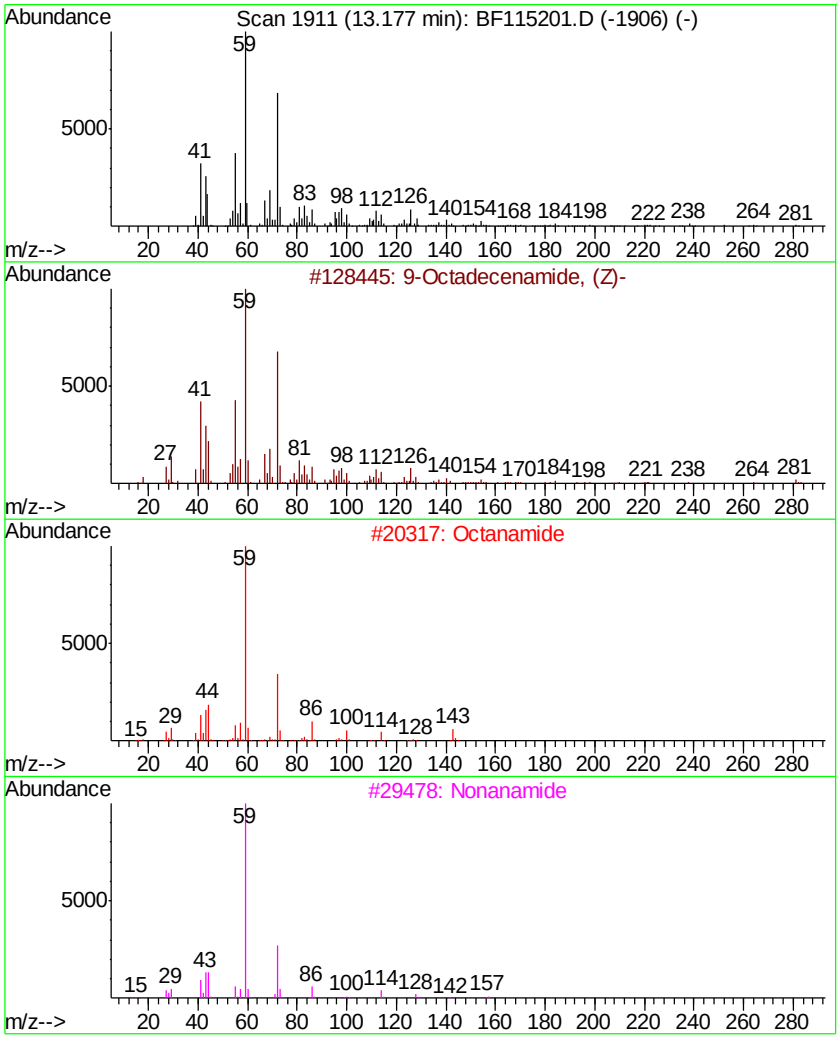
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

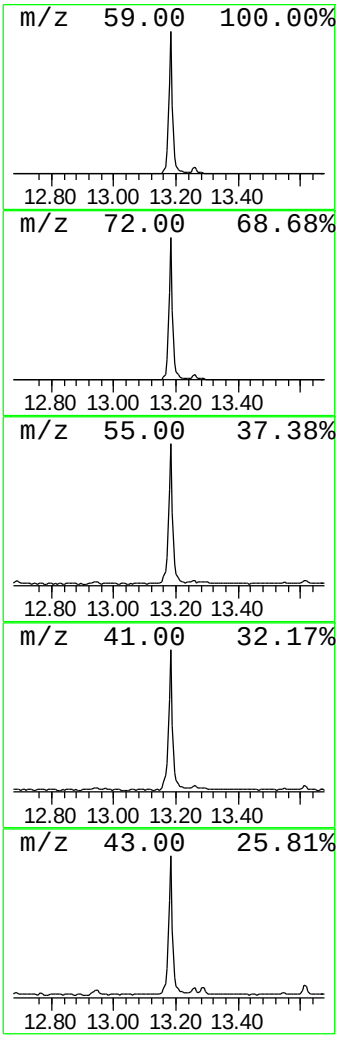
****

Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	17.38 ng	1708230	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Octanamide	143	C8H17NO	000629-01-6	59
3	Nonanamide	157	C9H19NO	001120-07-6	53
4	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	50
5	2-Hydroxy-2,4-dimethyl-hept-6-en...	156	C9H16O2	1000192-56-0	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
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Operator : HP/JU
Sample : K3164-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

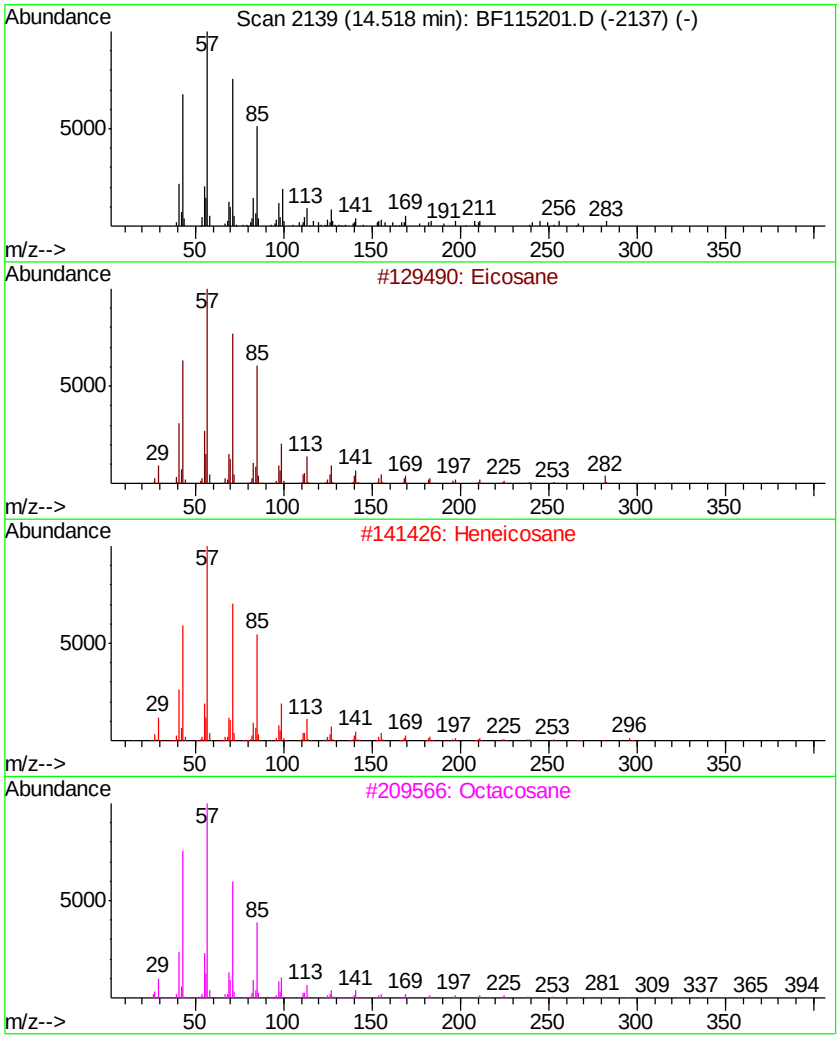
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

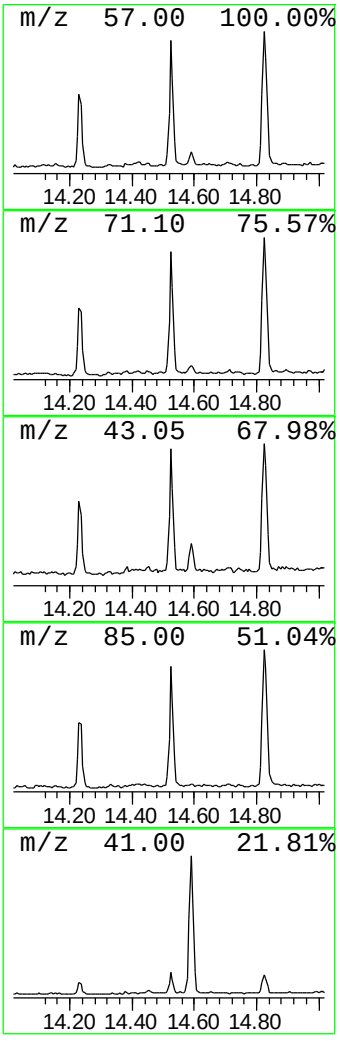
****

Peak Number 7 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	2.18 ng	189507	Perylene-d12	15.09

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	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Sample : K3164-09
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Instrument : BNA_F
ClientSampleId : BAT-B08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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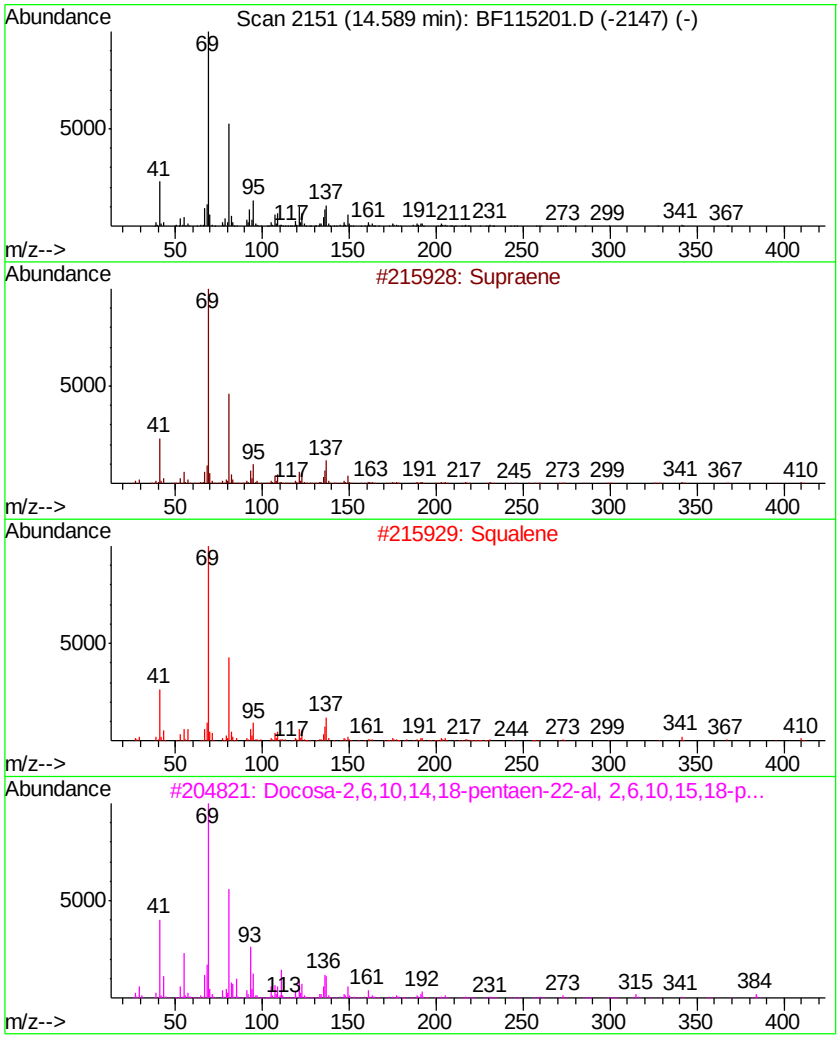
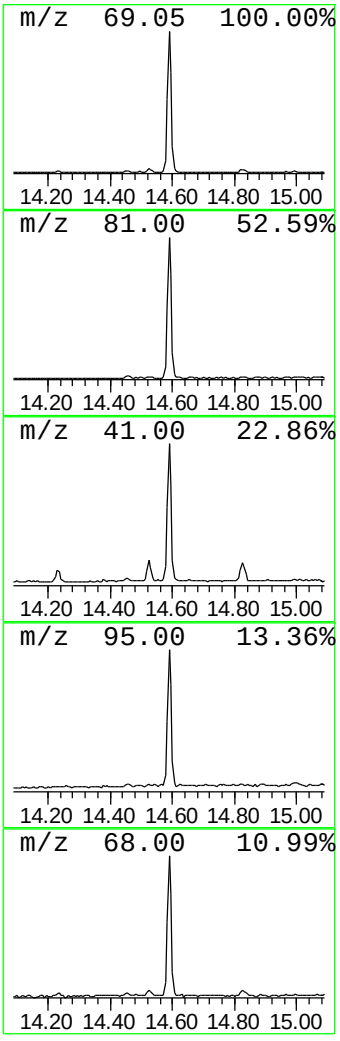
Peak Number 8 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	10.41 ng	906887	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	90
4	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	50
5	1,5-Heptadiene, 2,3,6-trimethyl-	138	C10H18	033501-88-1	47





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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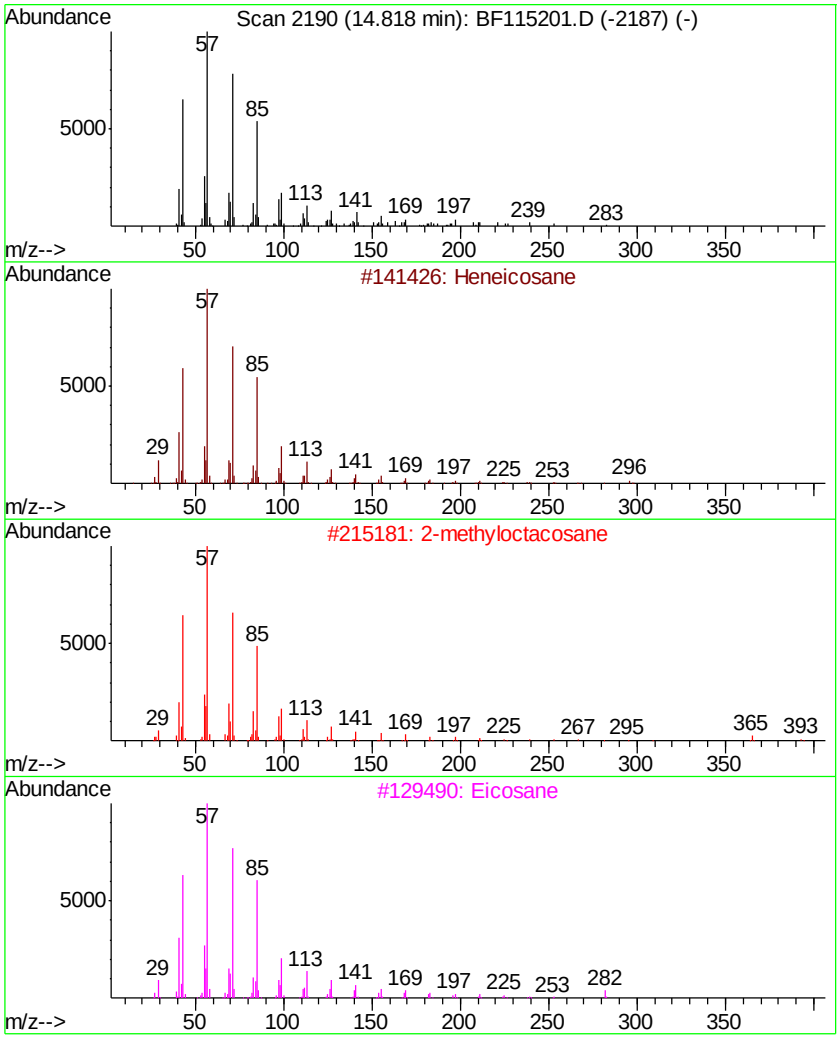
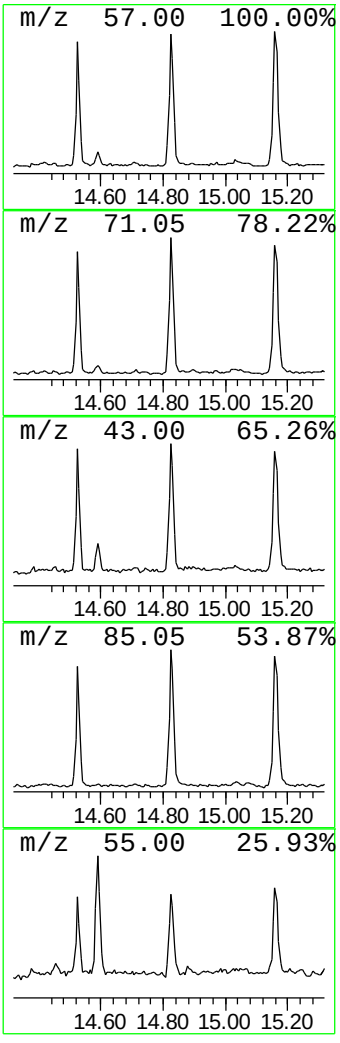
Peak Number 9 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	2.90 ng	252352	Perylene-d12	15.09

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	Eicosane	282	C20H42	000112-95-8	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Hexacosane	366	C26H54	000630-01-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
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Acq On : 25 Jun 2019 21:31
Operator : HP/JU
Sample : K3164-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

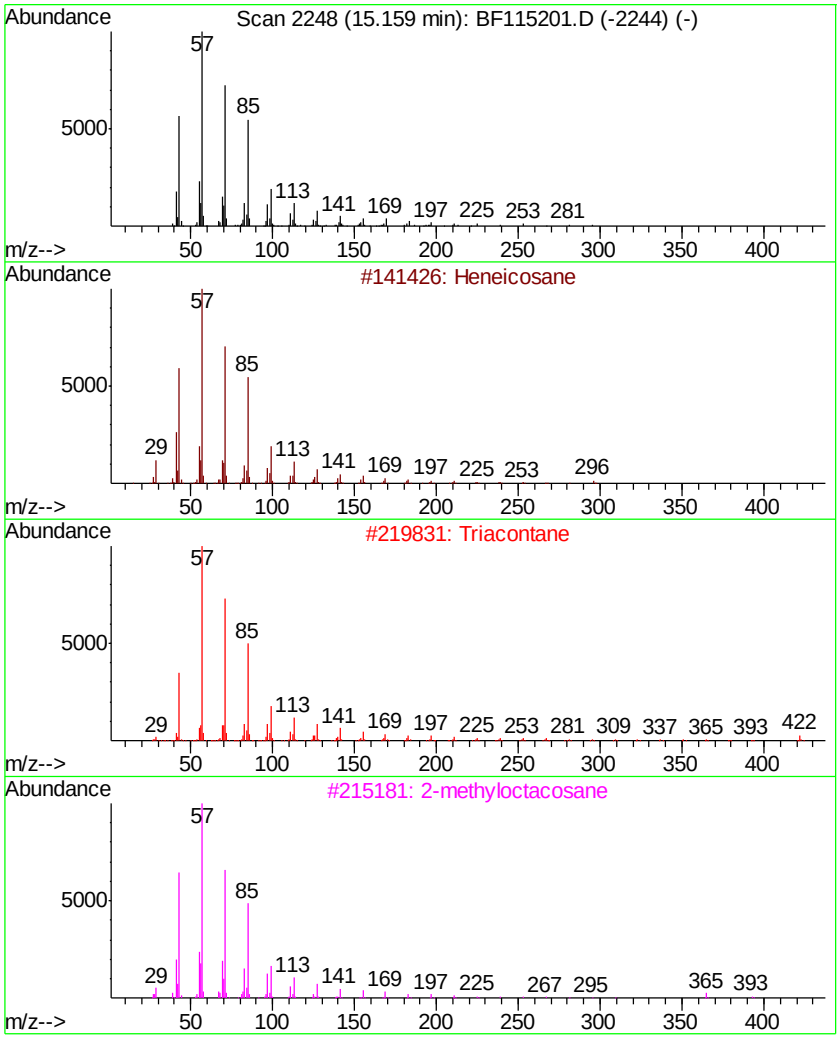
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

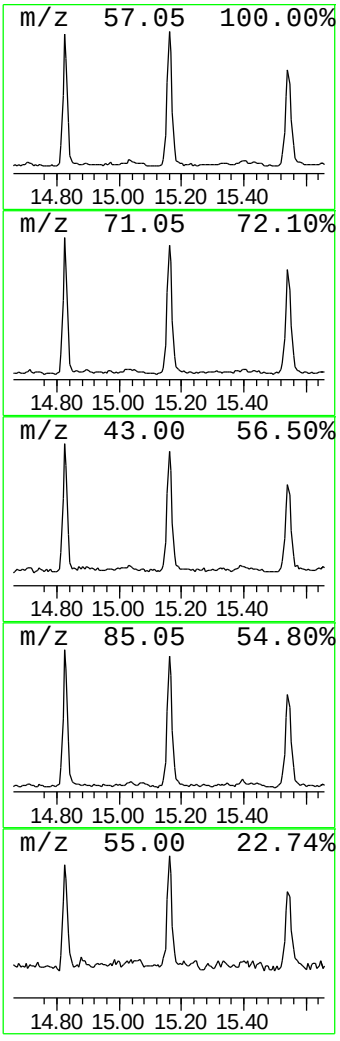
****

Peak Number 10 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	3.30 ng	287366	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Triacontane	422	C30H62	000638-68-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Library Search Compound Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
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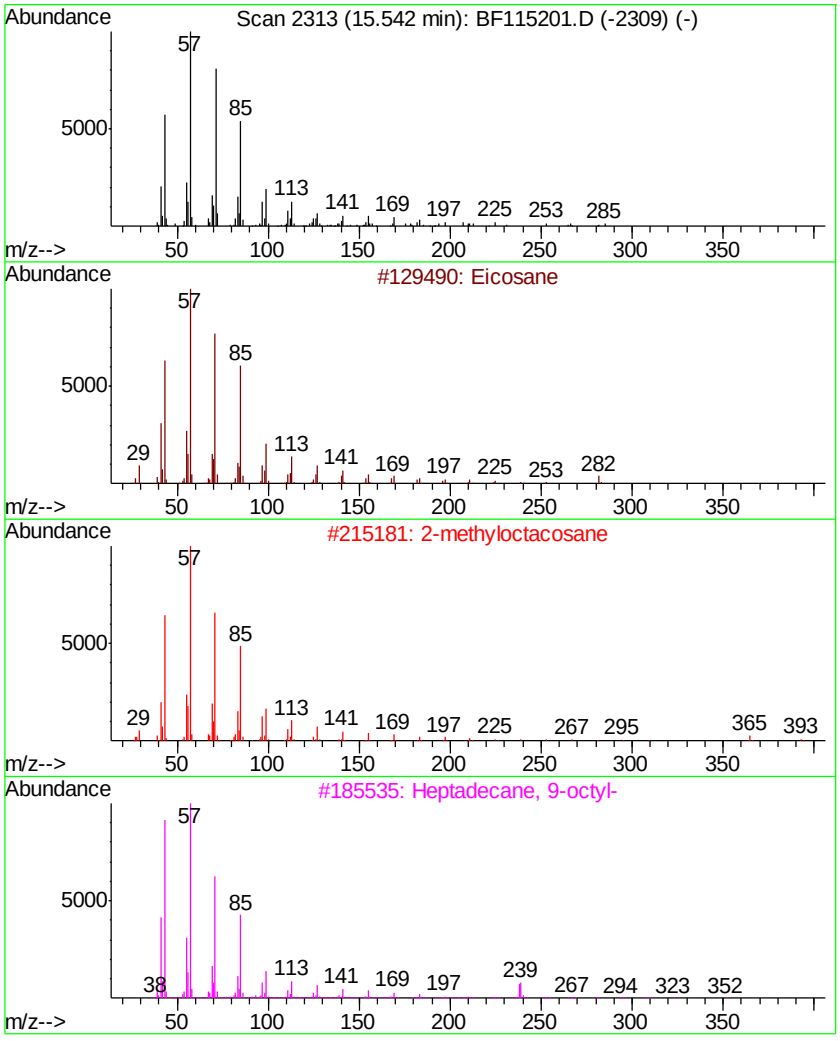
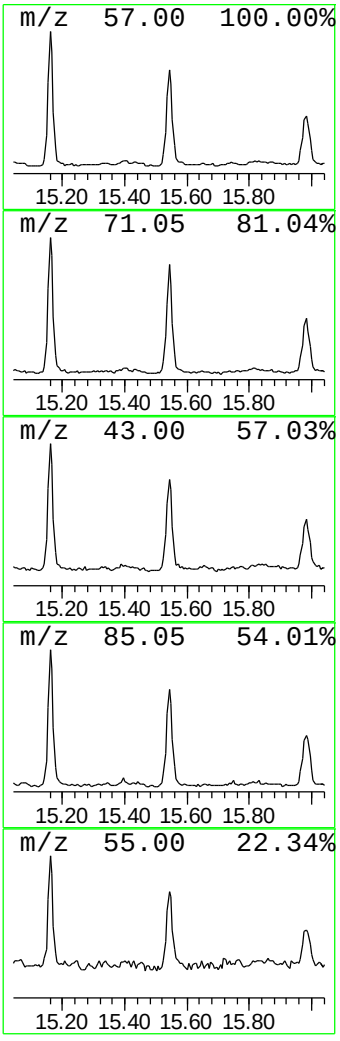
****

Peak Number 11 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	2.63 ng	228879	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
5	Tetratetracontane	619	C44H90	007098-22-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
Data File : BF115201.D
Acq On : 25 Jun 2019 21:31
Operator : HP/JU
Sample : K3164-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
Cyclotrisiloxane,...	4.45	2.1	ng	148167	1	6.61	1382740	20.0
unknown6.38	6.38	66.5	ng	4598330	1	6.61	1382740	20.0
n-Hexadecanoic acid	11.65	2.4	ng	176966	4	11.11	1464490	20.0
Octadecanoic acid	12.44	2.2	ng	219578	5	13.72	1965470	20.0
9-Octadecenamide,...	13.18	17.4	ng	1708230	5	13.72	1965470	20.0
Eicosane	14.52	2.2	ng	189507	6	15.09	1742510	20.0
Supraene	14.59	10.4	ng	906887	6	15.09	1742510	20.0
Heneicosane	14.82	2.9	ng	252352	6	15.09	1742510	20.0
Triacontane	15.16	3.3	ng	287366	6	15.09	1742510	20.0
2-methyloctacosane	15.54	2.6	ng	228879	6	15.09	1742510	20.0