LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115166.D
Acq On : 24 Jun 2019 23:54
Operator : HP/JU
Sample : K3500-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8(9-10)

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	433	rVB	121702	146578	2.79%	0.270%
2	5.207	551	556	559	rBV	3987790	4253520	80.97%	7.834%
3	6.248	727	733	736	rBV	4385241	4353123	82.86%	8.017%
4	6.278	736	738	745	rVB	104760	92755	1.77%	0.171%
5	6.378	750	755	758	rBV	4907629	4602023	87.60%	8.476%
6	6.613	791	795	798	rBV	1888485	1592700	30.32%	2.933%
7	6.766	817	821	824	rBV	4241553	3626183	69.03%	6.679%
8	7.172	885	890	893	rBV	3153999	2824390	53.76%	5.202%
9	7.889	1008	1012	1015	rBV	2567094	2058780	39.19%	3.792%
10	8.966	1191	1195	1198	rBV	5664964	5136135	97.77%	9.460%
11	9.360	1258	1262	1268	rBV	495696	455974	8.68%	0.840%
12	9.554	1291	1295	1299	rVB2	82693	97752	1.86%	0.180%
13	9.636	1304	1309	1315	rBV	2782367	2438023	46.41%	4.490%
14	10.048	1376	1379	1383	rBV3	84136	80593	1.53%	0.148%
15	10.160	1395	1398	1401	rBV	162609	134419	2.56%	0.248%
16	10.419	1437	1442	1445	rBV	3344944	3350155	63.77%	6.170%
17	10.566	1464	1467	1472	rVB2	142930	186240	3.55%	0.343%
18	10.613	1472	1475	1478	rBV	80574	70826	1.35%	0.130%
19	10.648	1478	1481	1484	rBV2	67730	74729	1.42%	0.138%
20	10.736	1493	1496	1499	rBV2	94894	152919	2.91%	0.282%
21	10.795	1502	1506	1509	rVB3	222310	251829	4.79%	0.464%
22	10.871	1516	1519	1523	rVB	115318	114745	2.18%	0.211%
23	11.036	1545	1547	1550	rVB	78800	72704	1.38%	0.134%
24	11.107	1555	1559	1562	rBV	3086805	2519306	47.96%	4.640%
25	11.666	1650	1654	1662	rBV	1474416	1551308	29.53%	2.857%
26	12.448	1783	1787	1796	rBV	2107221	2476513	47.14%	4.561%
27	12.695	1824	1829	1832	rBV	5377055	5253355	100.00%	9.675%
28	13.624	1984	1987	1995	rVB	438771	587491	11.18%	1.082%
29	13.730	2001	2005	2010	rBV	1922236	2073505	39.47%	3.819%
30	15.095	2233	2237	2242	rVB	1552884	1806543	34.39%	3.327%
31	15.171	2247	2250	2256	rVB	477630	658370	12.53%	1.213%
32	15.730	2343	2345	2356	rVB	389779	685566	13.05%	1.263%
33	16.112	2407	2410	2423	rVB2	263901	516710	9.84%	0.952%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115166.D
Acq On : 24 Jun 2019 23:54
Operator : HP/JU
Sample : K3500-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8(9-10)

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

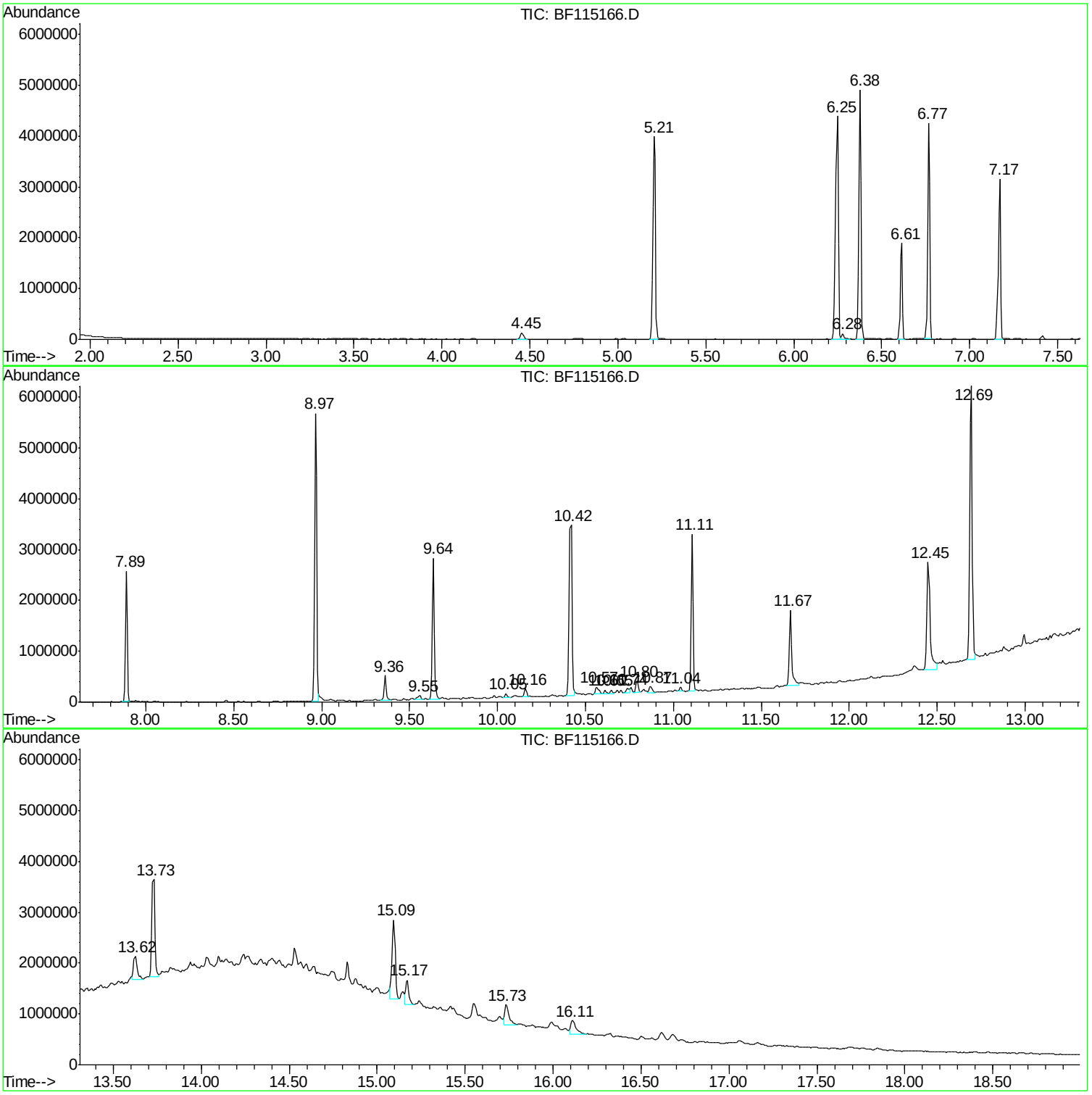
Sum of corrected areas: 54295762

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115166.D
Acq On : 24 Jun 2019 23:54
Operator : HP/JU
Sample : K3500-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8(9-10)

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115166.D
Acq On : 24 Jun 2019 23:54
Operator : HP/JU
Sample : K3500-08
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8(9-10)

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

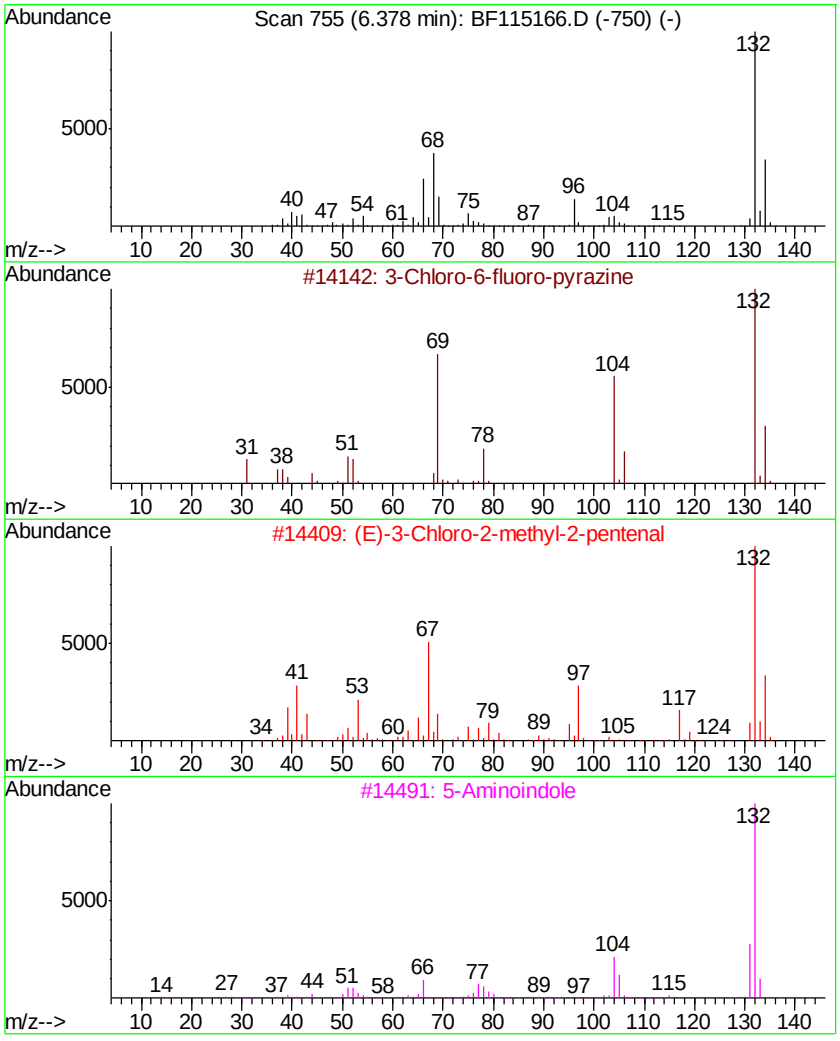
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

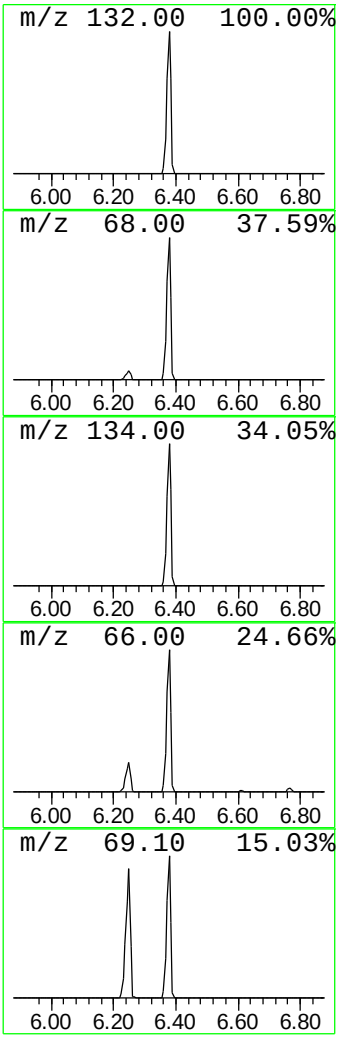
****

Peak Number 1 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	57.79 ng	4602020	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	5-Aminoindole	132	C8H8N2	005192-03-0	16
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115166.D
Acq On : 24 Jun 2019 23:54
Operator : HP/JU
Sample : K3500-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8(9-10)

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

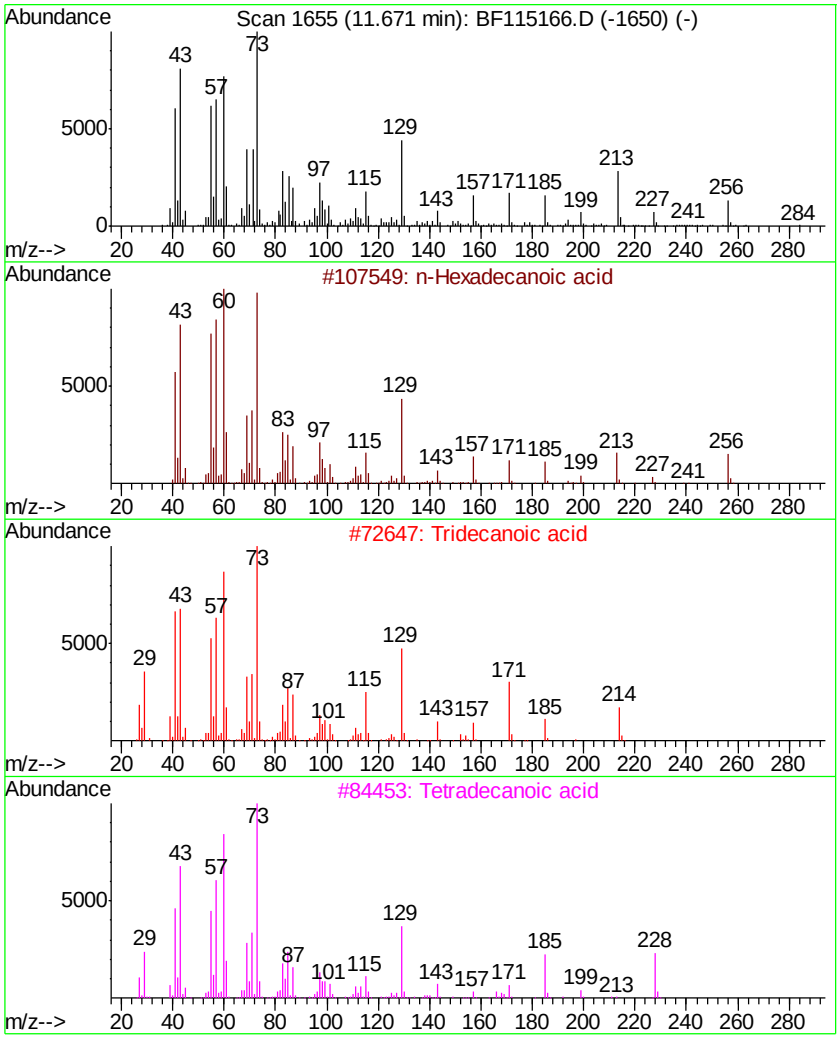
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

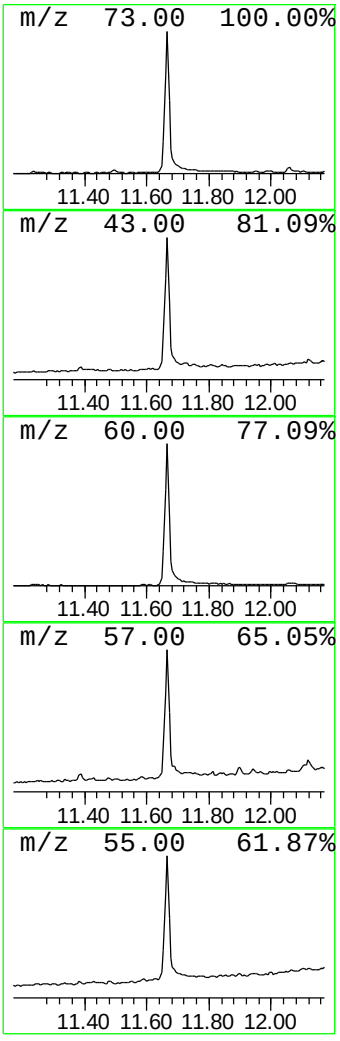
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	12.32 ng	1551310	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115166.D
Acq On : 24 Jun 2019 23:54
Operator : HP/JU
Sample : K3500-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8(9-10)

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

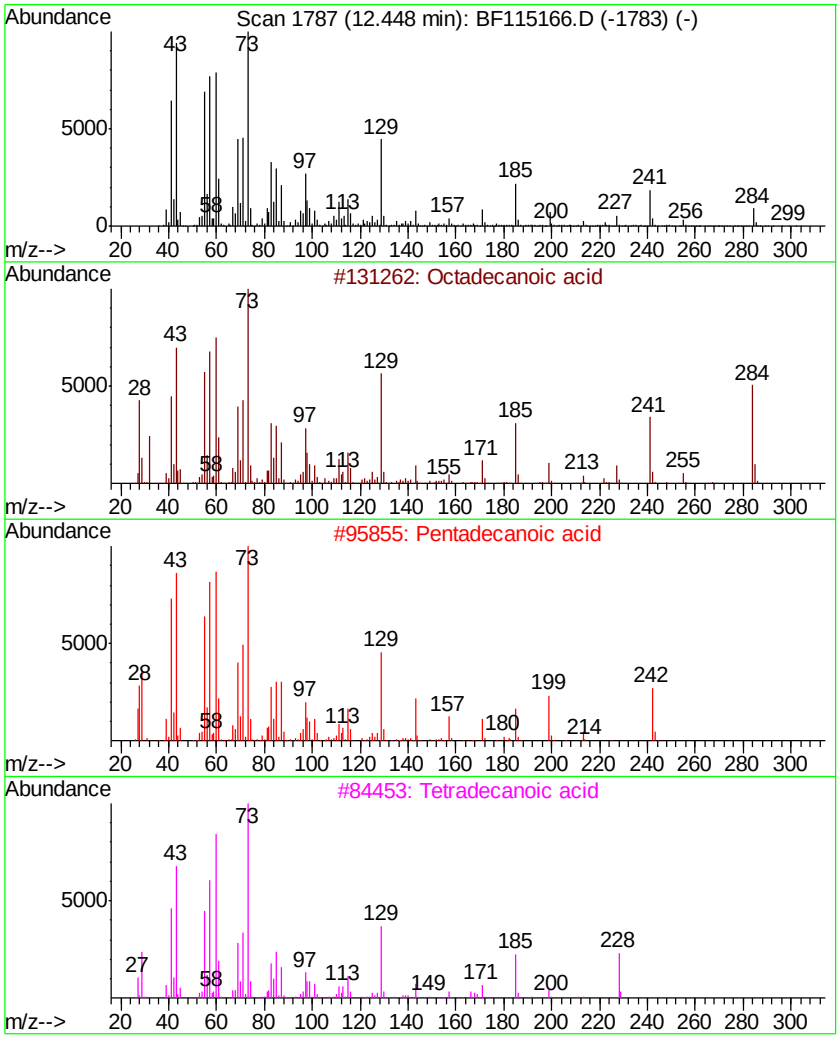
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

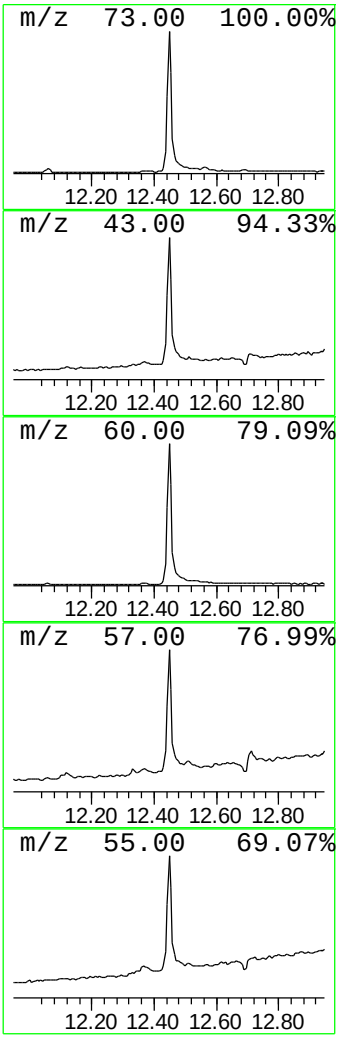
****

Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	23.89 ng	2476510	Chrysene-d12	13.73

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	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115166.D
Acq On : 24 Jun 2019 23:54
Operator : HP/JU
Sample : K3500-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8(9-10)

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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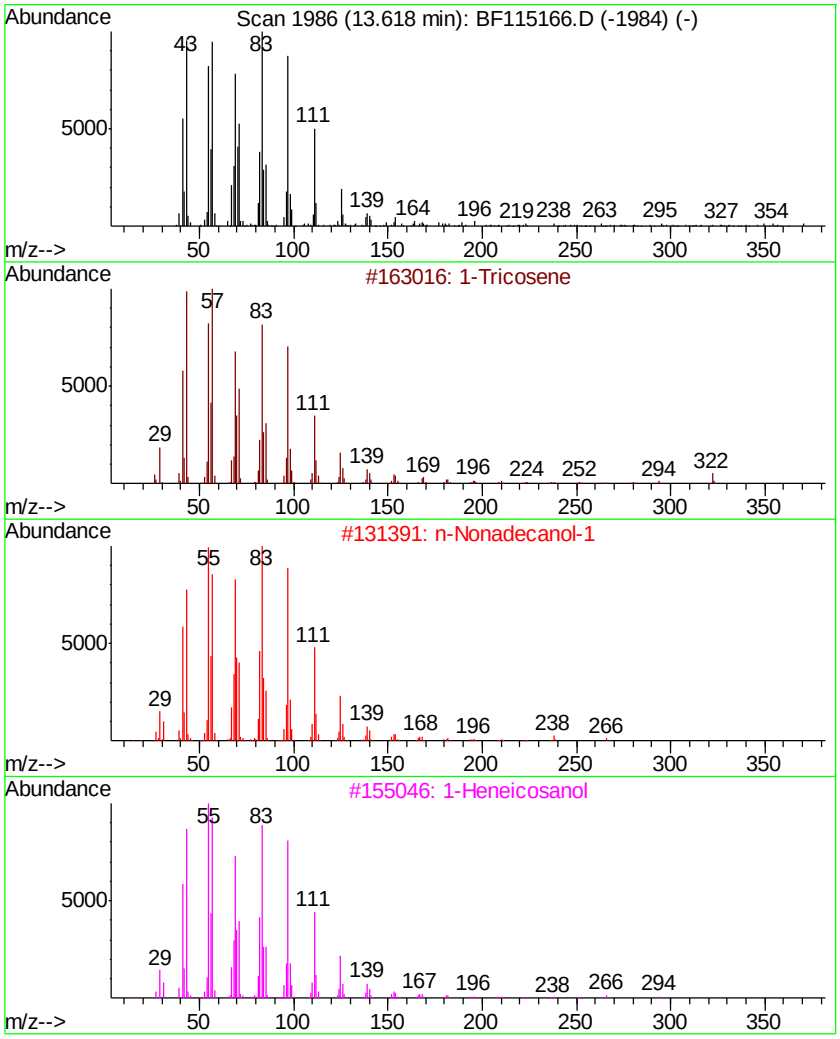
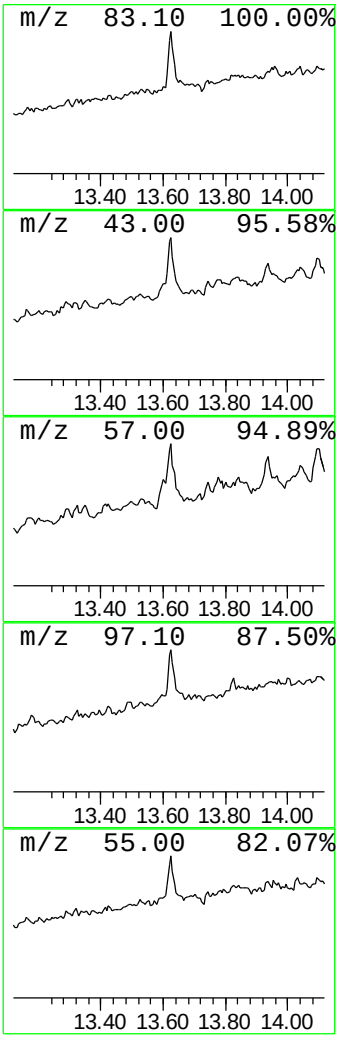
Peak Number 5 1-Tricosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	5.67 ng	587491	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
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Acq On : 24 Jun 2019 23:54
Operator : HP/JU
Sample : K3500-08
Misc :
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Instrument : BNA_F
ClientSampleId : B-8(9-10)

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

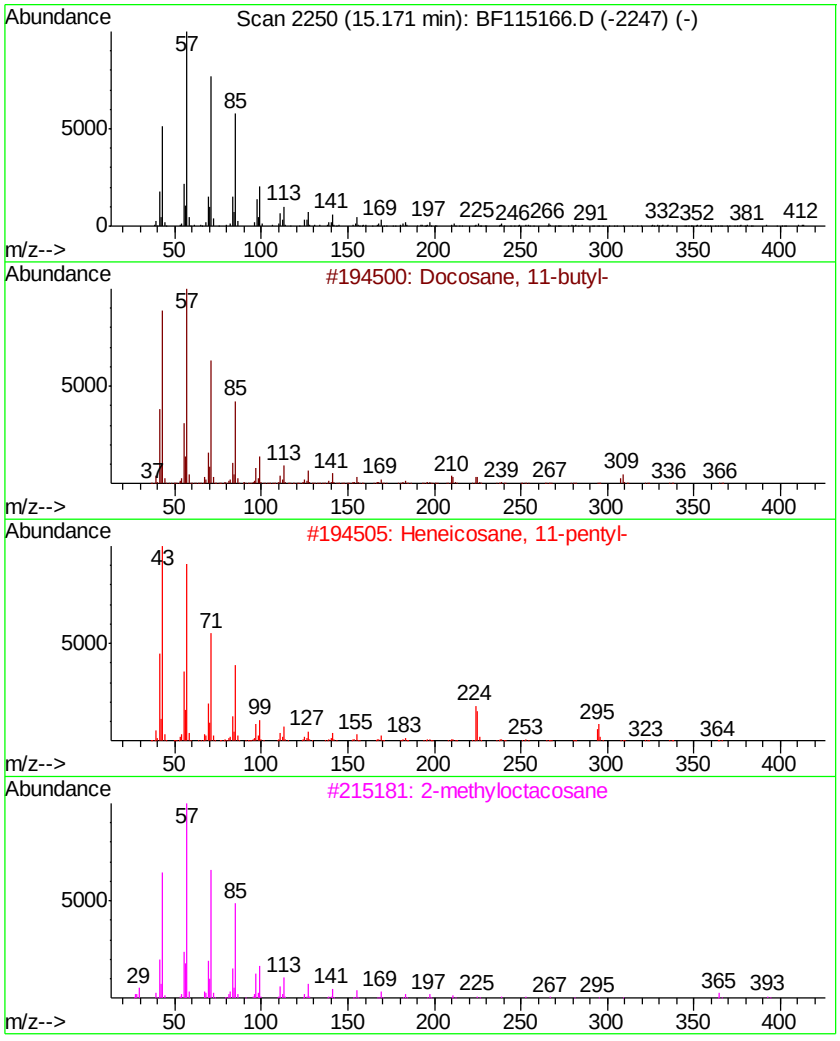
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

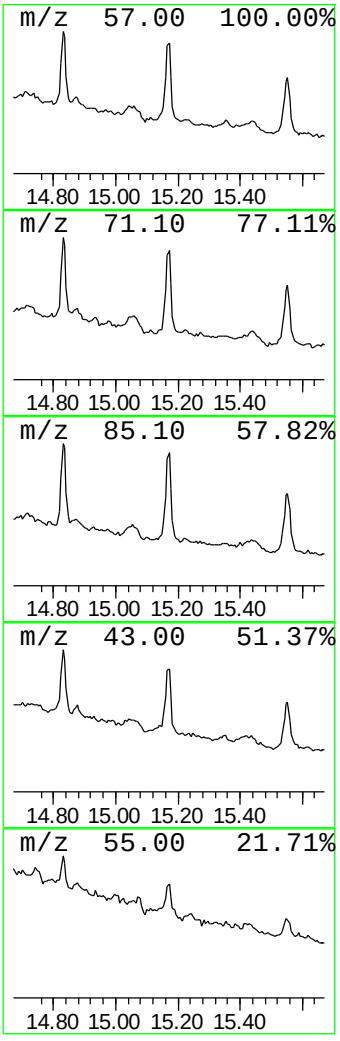
****

Peak Number 6 Docosane, 11-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	7.29 ng	658370	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Misc :
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Instrument : BNA_F
ClientSampleId : B-8(9-10)

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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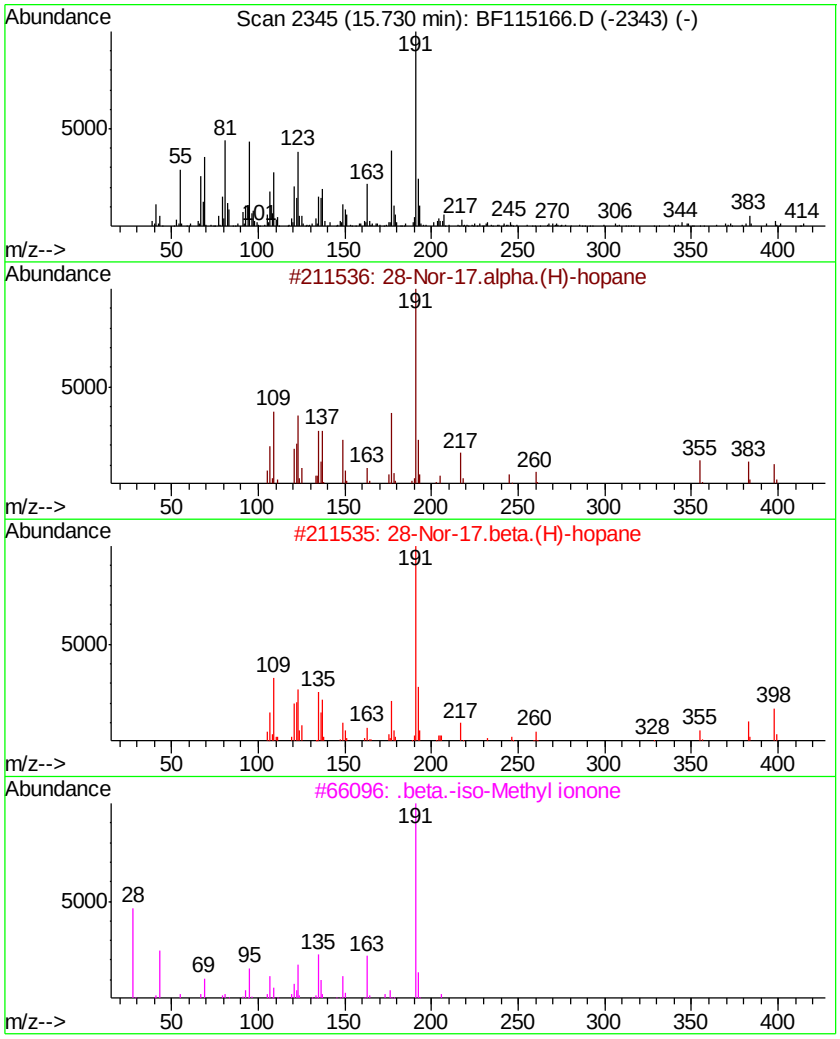
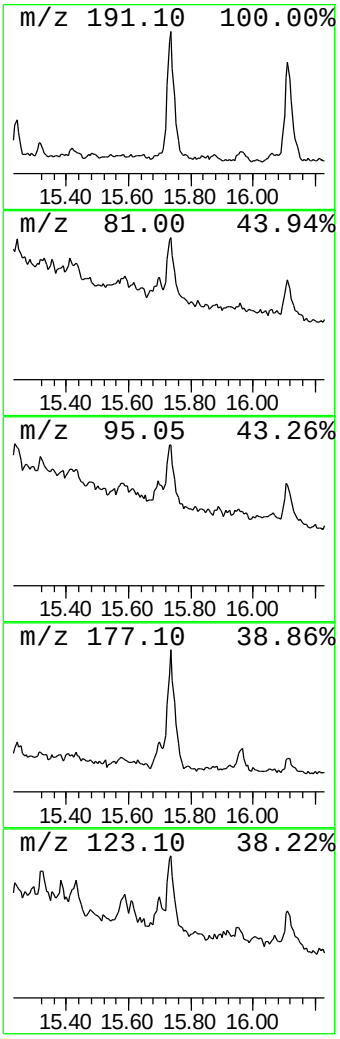
Peak Number 7 28-Nor-17.alpha.(H)-hopane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	7.59 ng	685566	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	74
2	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	46
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
4	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	30
5	Phthalic acid, 4,5-dimethyl-, di...	222	C12H14O4	017649-59-1	22





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : B-8(9-10)

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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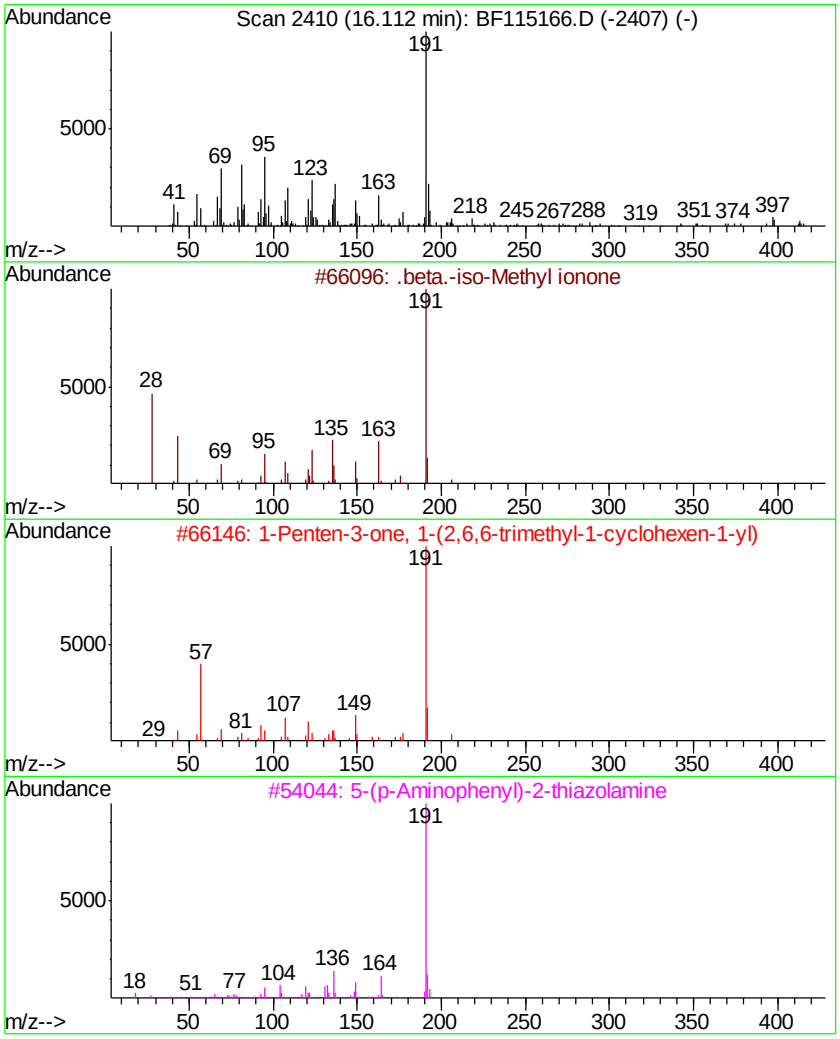
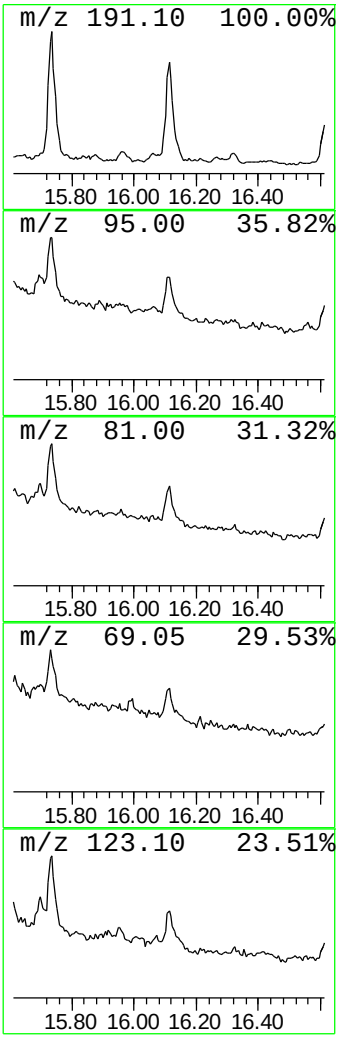
Peak Number 8 .beta.-iso-Methyl ionone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	5.72 ng	516710	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	64
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	55
3	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	43
4	Propanamide, N-(2,3-dihydro-3-me...	220	C11H12N2OS	332413-15-7	43
5	Silane, 1,3-decadiynyltrimethyl-	206	C13H22Si	084751-17-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062419\
Data File : BF115166.D
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Instrument : BNA_F
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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
unknown6.38	6.38	57.8	ng	4602020	1	6.61	1592700	20.0
n-Hexadecanoic acid	11.67	12.3	ng	1551310	4	11.11	2519310	20.0
Octadecanoic acid	12.45	23.9	ng	2476510	5	13.73	2073510	20.0
1-Tricosene	13.62	5.7	ng	587491	5	13.73	2073510	20.0
Docosane, 11-butyl-	15.17	7.3	ng	658370	6	15.09	1806540	20.0
28-Nor-17.alpha.(...	15.73	7.6	ng	685566	6	15.09	1806540	20.0
.beta.-iso-Methyl...	16.11	5.7	ng	516710	6	15.09	1806540	20.0