LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111436.D
Acq On : 14 Dec 2018 23:16
Operator : JU/SJ
Sample : J6376-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

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-BF121418.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	5.004	491	496	502	rBV	177844	226886	4.73%	0.563%
2	5.422	562	567	570	rBV	4286904	3928488	81.85%	9.751%
3	6.439	735	740	757	rBV	4255413	4510409	93.97%	11.196%
4	6.569	757	762	765	rBV	4742508	4117832	85.79%	10.221%
5	6.792	797	800	808	rBV	1272202	1028647	21.43%	2.553%
6	6.951	823	827	830	rBV	3683460	3071219	63.99%	7.623%
7	7.357	890	896	899	rBV	2721338	2584650	53.85%	6.416%
8	8.075	1014	1018	1035	rBV	1507561	1338099	27.88%	3.321%
9	9.151	1197	1201	1212	rBV	5294054	4799669	100.00%	11.914%
10	9.545	1265	1268	1276	rBV	603904	532268	11.09%	1.321%
11	9.833	1311	1317	1322	rBV	1622720	1603449	33.41%	3.980%
12	10.616	1446	1450	1459	rBV	2502842	2426031	50.55%	6.022%
13	10.757	1469	1474	1480	rVB4	55217	97640	2.03%	0.242%
14	11.221	1550	1553	1557	rVB	82626	83535	1.74%	0.207%
15	11.316	1565	1569	1572	rBV	1315326	1252363	26.09%	3.109%
16	11.851	1656	1660	1669	rBV	1178464	1181284	24.61%	2.932%
17	12.521	1771	1774	1777	rBV	151315	165013	3.44%	0.410%
18	12.557	1777	1780	1789	rVB5	81700	169176	3.52%	0.420%
19	12.633	1790	1793	1800	rVV	545978	549901	11.46%	1.365%
20	12.751	1811	1813	1816	rVB	117661	89568	1.87%	0.222%
21	12.786	1816	1819	1827	rBV	203574	359783	7.50%	0.893%
22	12.898	1834	1838	1842	rBV	3398803	3093536	64.45%	7.679%
23	13.804	1989	1992	2000	rBV	524146	664962	13.85%	1.651%
24	13.951	2012	2017	2020	rBV2	1296431	1389082	28.94%	3.448%
25	14.427	2096	2098	2102	rBV2	147613	155819	3.25%	0.387%
26	15.057	2203	2205	2209	rVB	171360	163936	3.42%	0.407%
27	15.392	2258	2262	2265	rBV	594709	703993	14.67%	1.747%

Sum of corrected areas: 40287238

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
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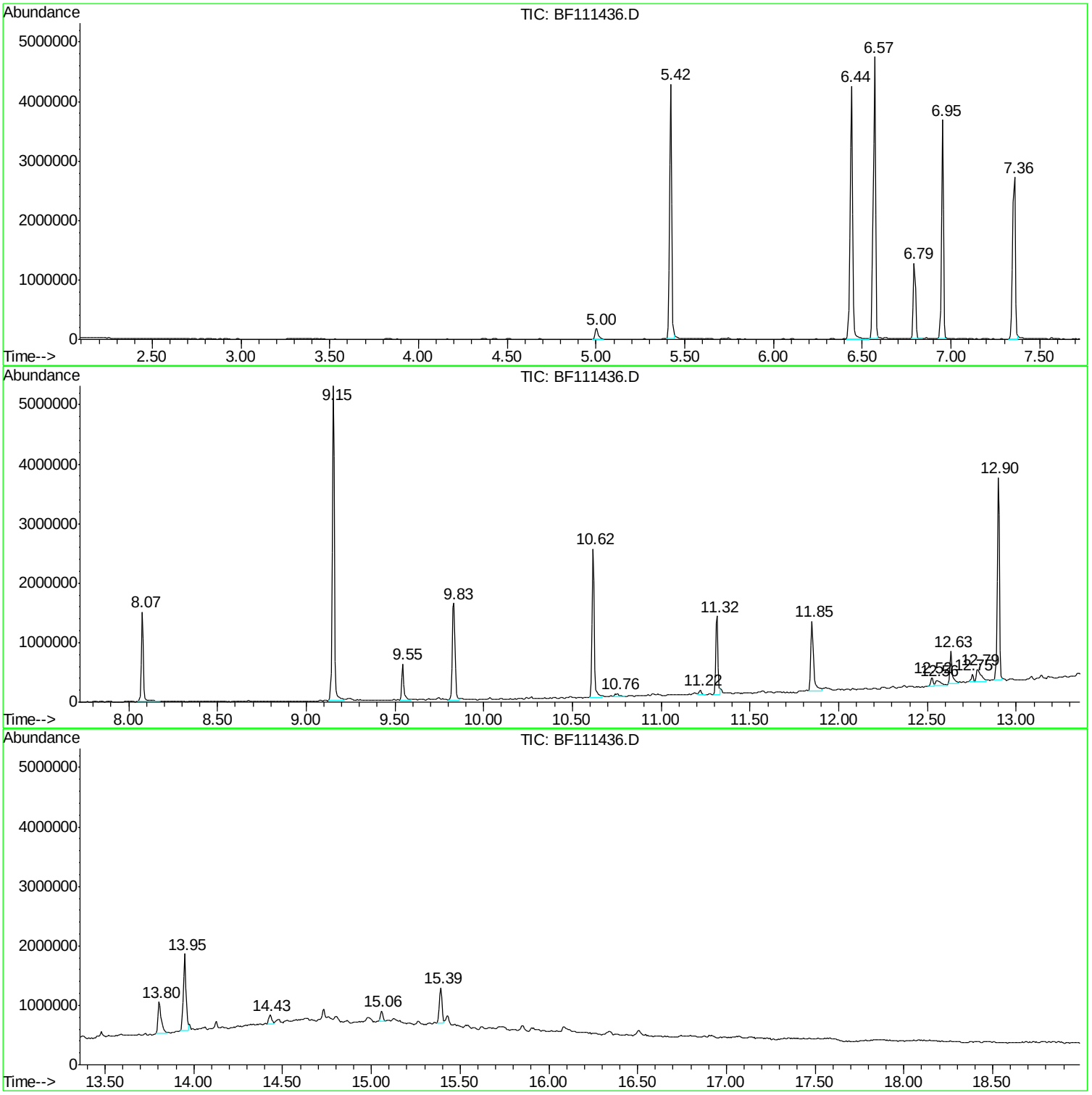
Operator : JU/SJ
Sample : J6376-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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\BF121418\
Data File : BF111436.D
Acq On : 14 Dec 2018 23:16
Operator : JU/SJ
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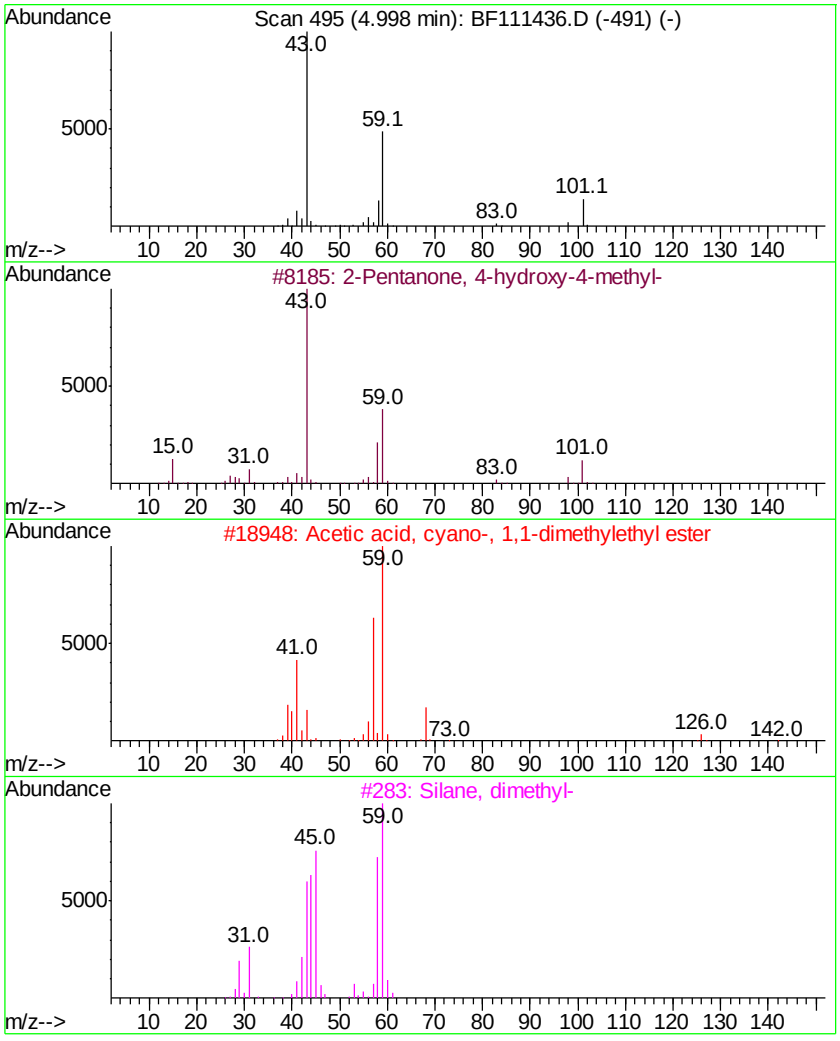
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

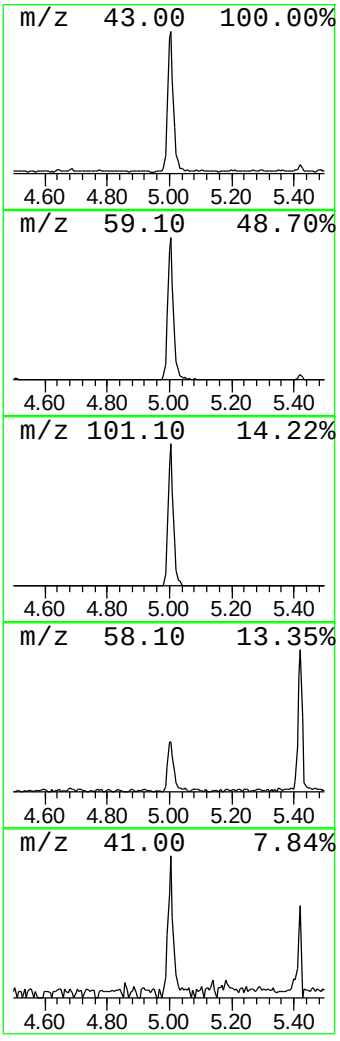
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	4.41 ng	226886	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Silane, dimethyl-	60	C2H8Si	001111-74-6	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Library Search Compound Report

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Data File : BF111436.D
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Operator : JU/SJ
Sample : J6376-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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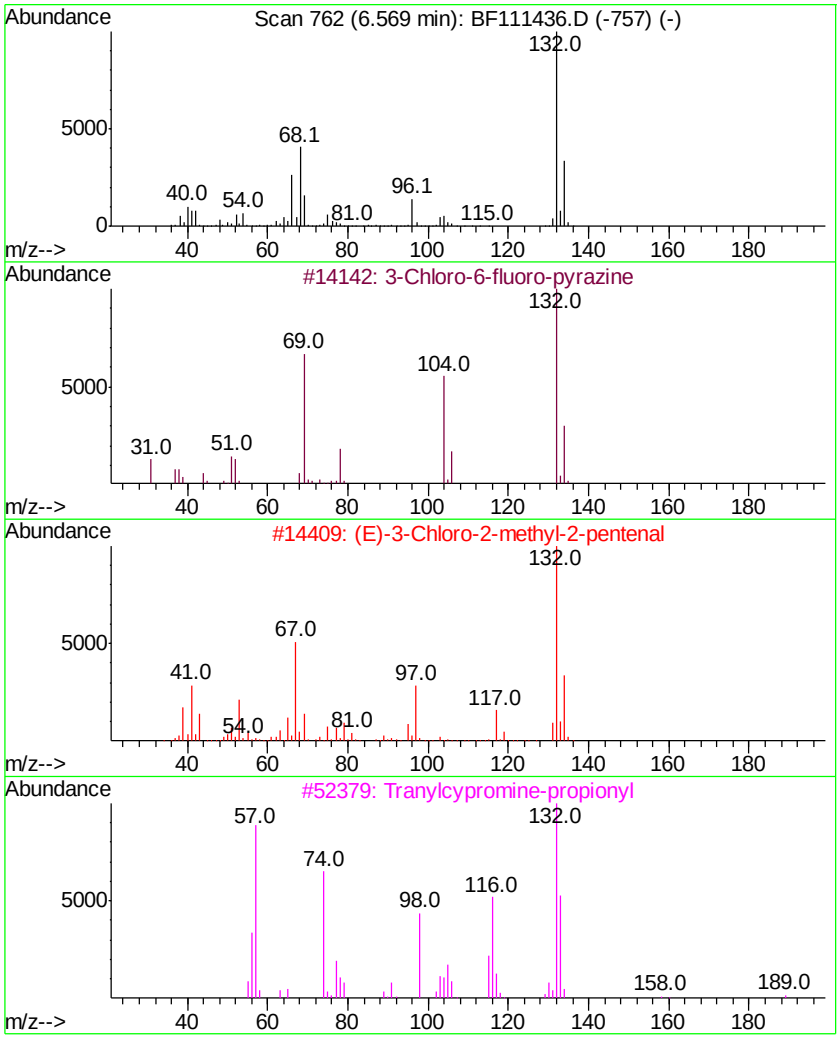
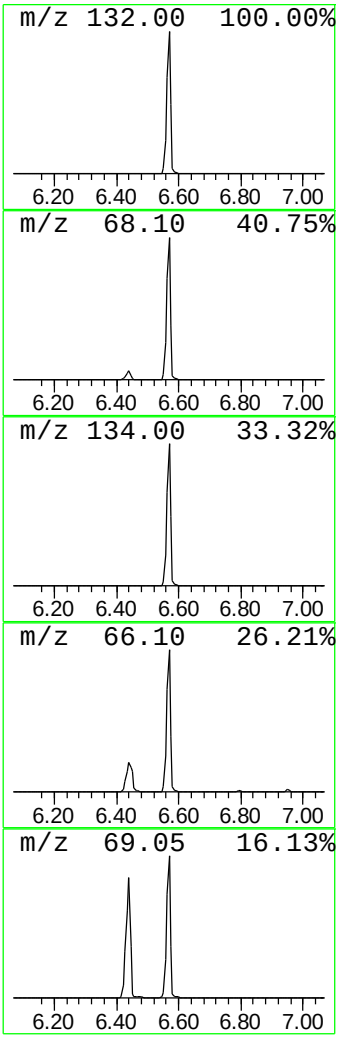
Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	80.06 ng	4117830	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Xenon	132	Xe	007440-63-3	9





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Acq On : 14 Dec 2018 23:16
Operator : JU/SJ
Sample : J6376-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
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TIC Library : C:\DATABASE\NIST11.L
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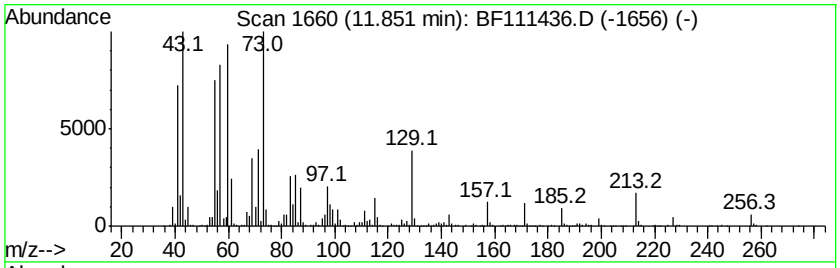
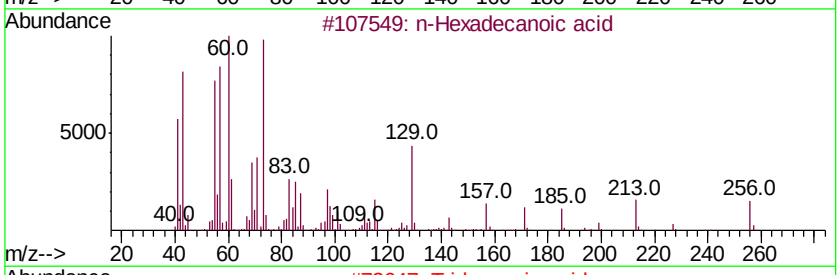
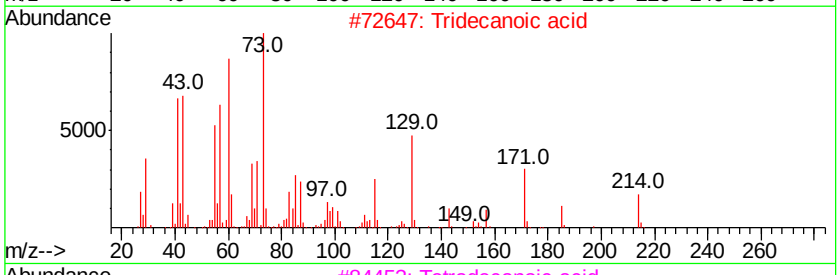
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

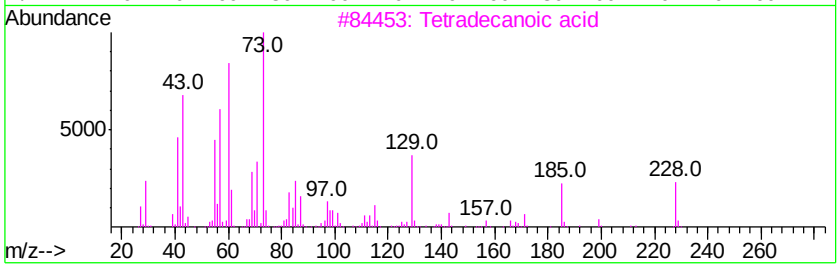
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	18.86 ng	1181280	Phenanthrene-d10	11.32

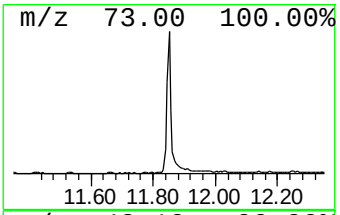
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76

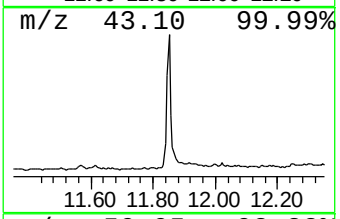


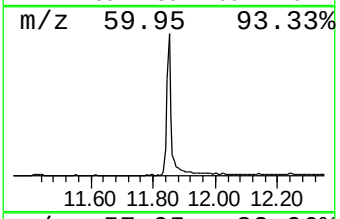


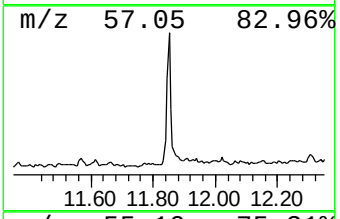


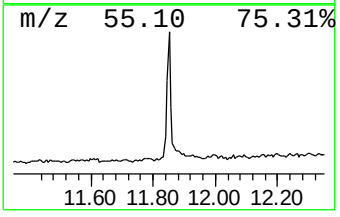












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
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Acq On : 14 Dec 2018 23:16
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Sample : J6376-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

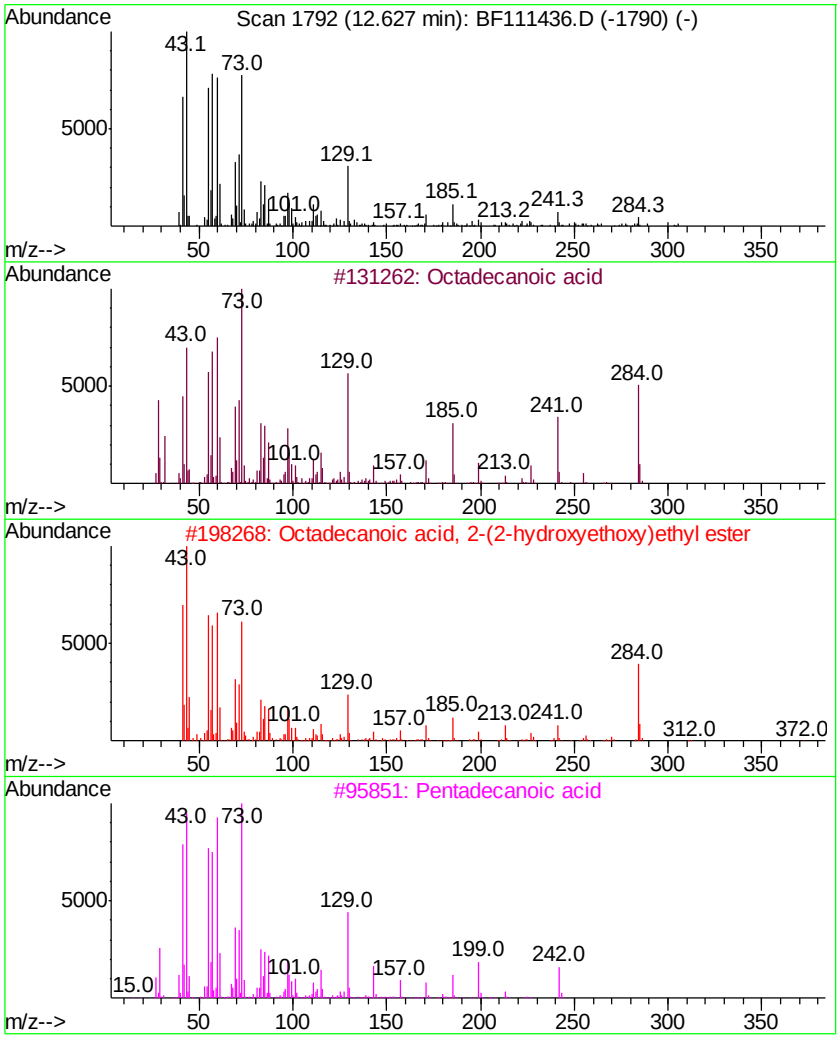
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

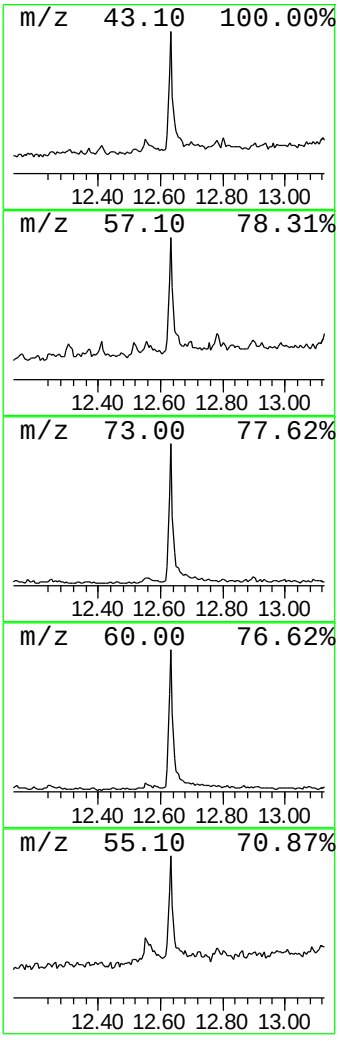
****

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	8.78 ng	549901	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





Library Search Compound Report

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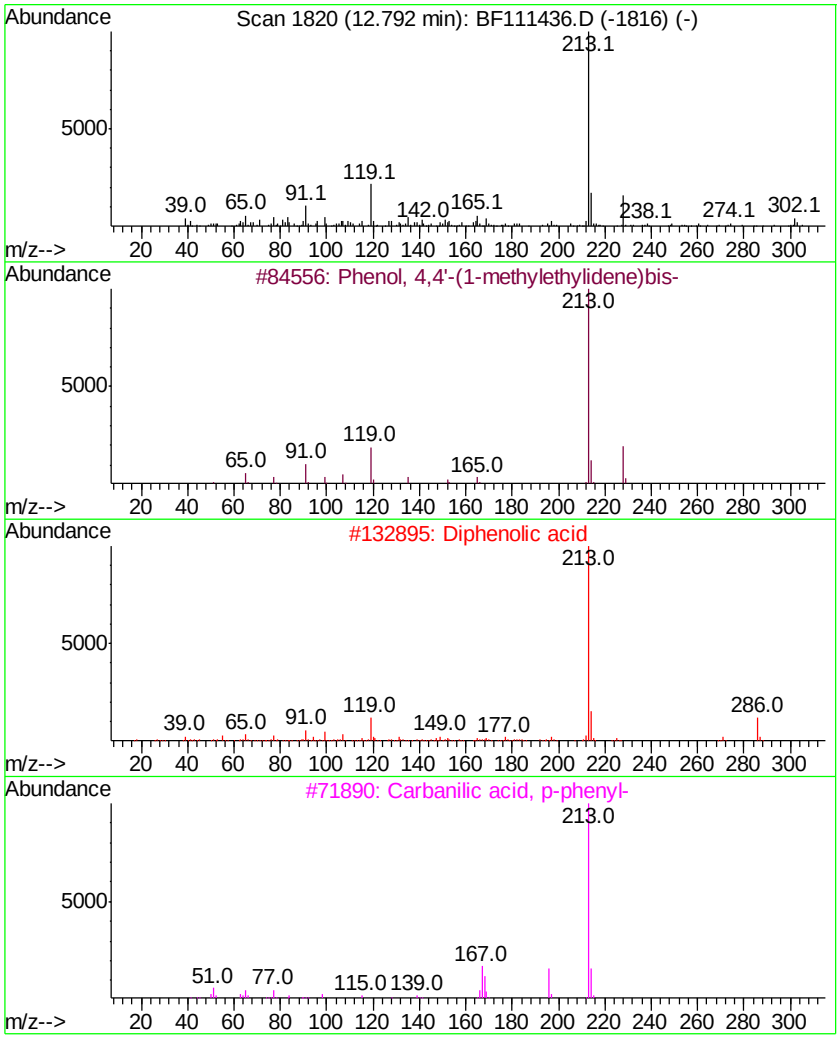
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

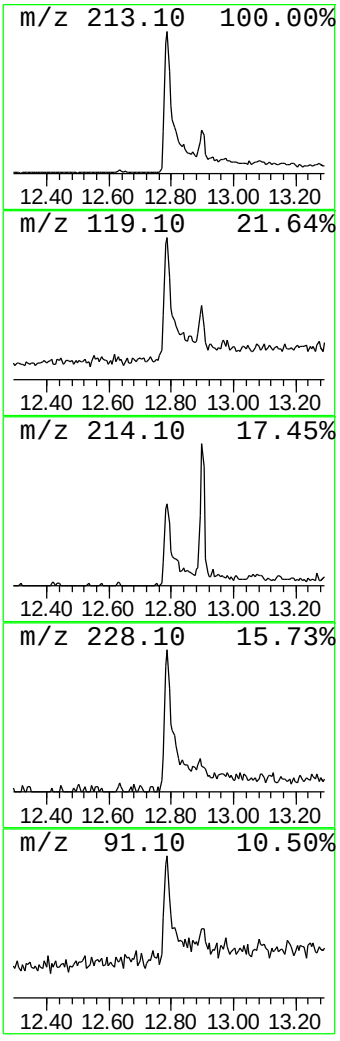
****

Peak Number 6 Phenol, 4,4'-(1-methylethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	5.18 ng	359783	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2	Diphenolic acid	286	C17H18O4	000126-00-1	64
3	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	58
4	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	53
5	Carbamic acid, [1,1'-biphenyl]-3...	213	C13H11NO2	055030-29-0	52





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Data File : BF111436.D
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Misc :
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Instrument : BNA_F
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

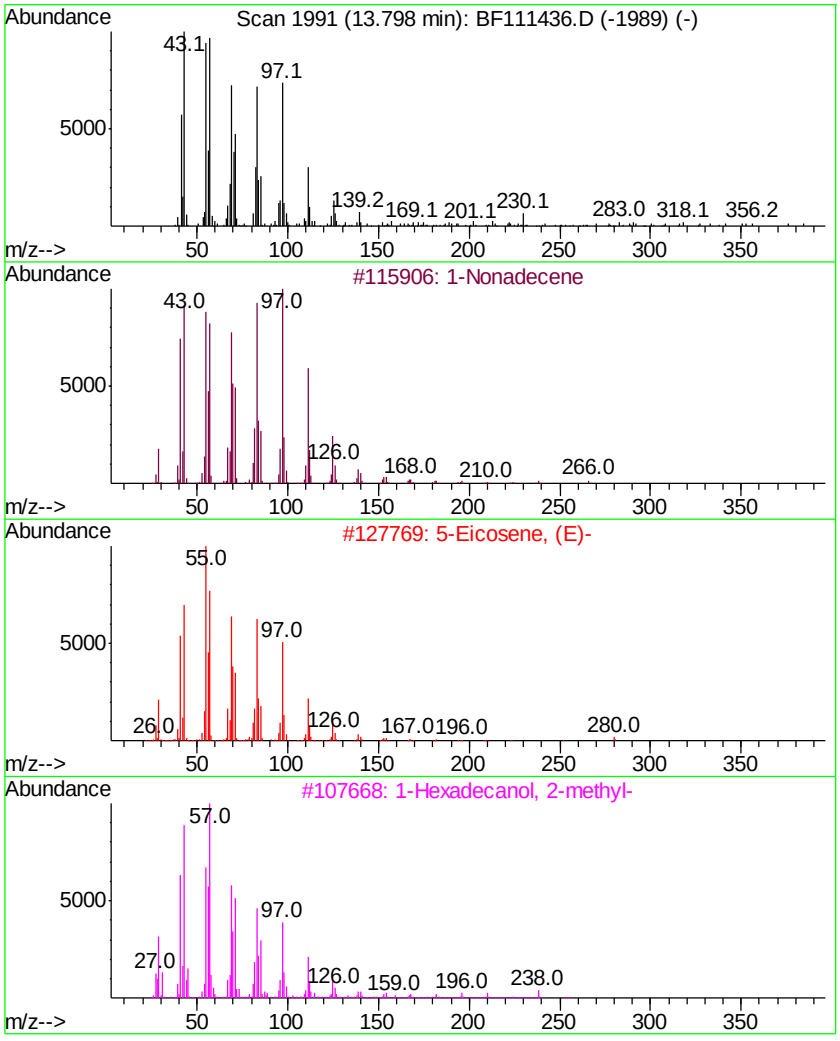
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

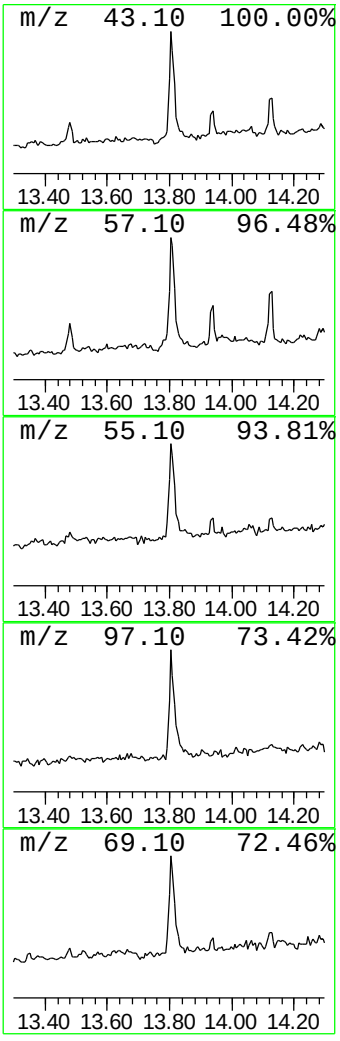
****

Peak Number 7 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	9.57 ng	664962	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
3	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	95
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	1-Tricosene	322	C23H46	018835-32-0	91





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TIC Integration Parameters: LSCINT.P

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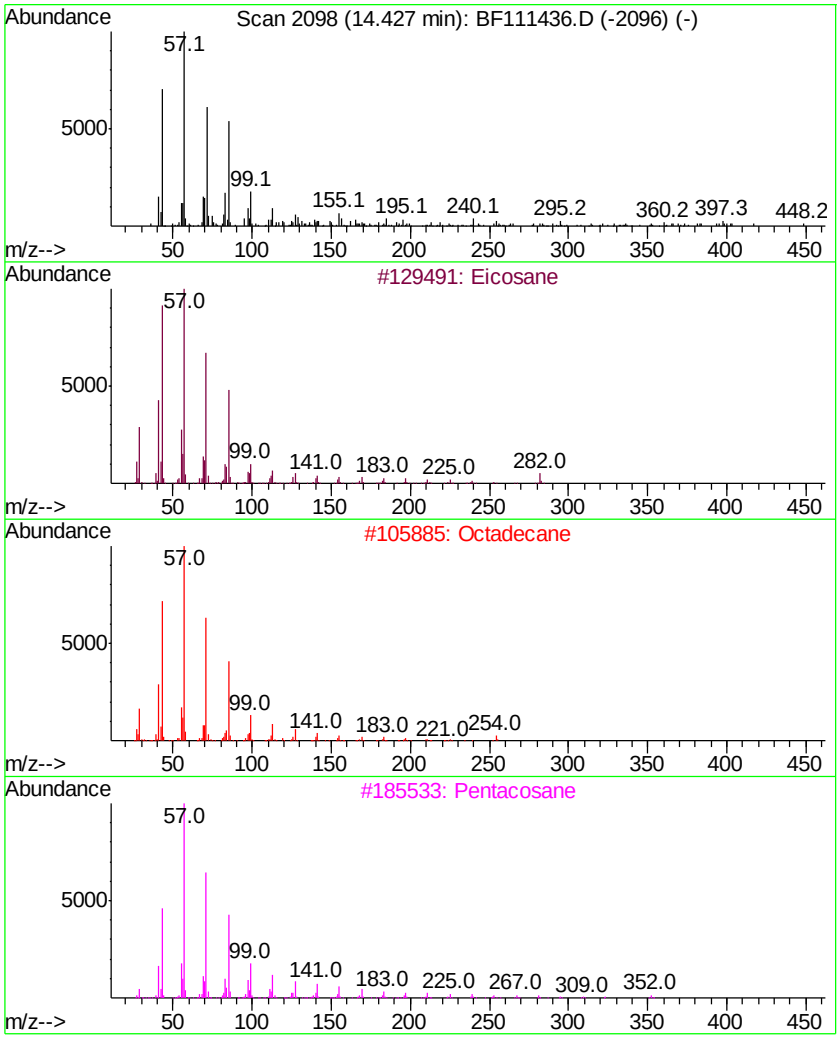
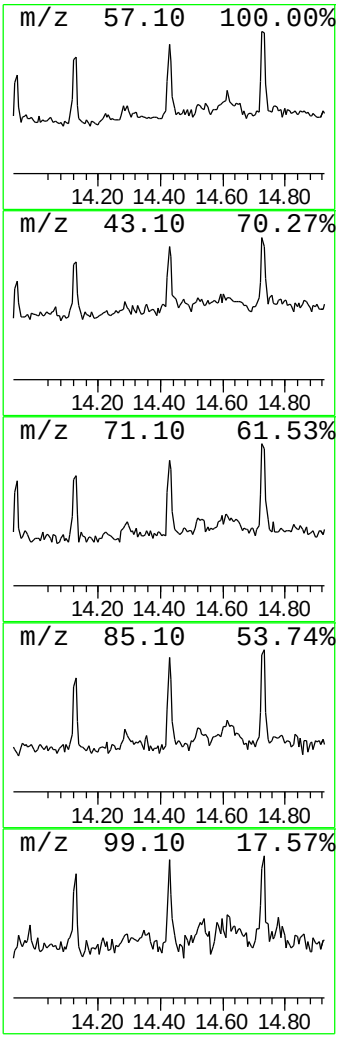
Peak Number 8 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.24 ng	155819	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Octadecane	254	C18H38	000593-45-3	90
3	Pentacosane	352	C25H52	000629-99-2	83
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72





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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

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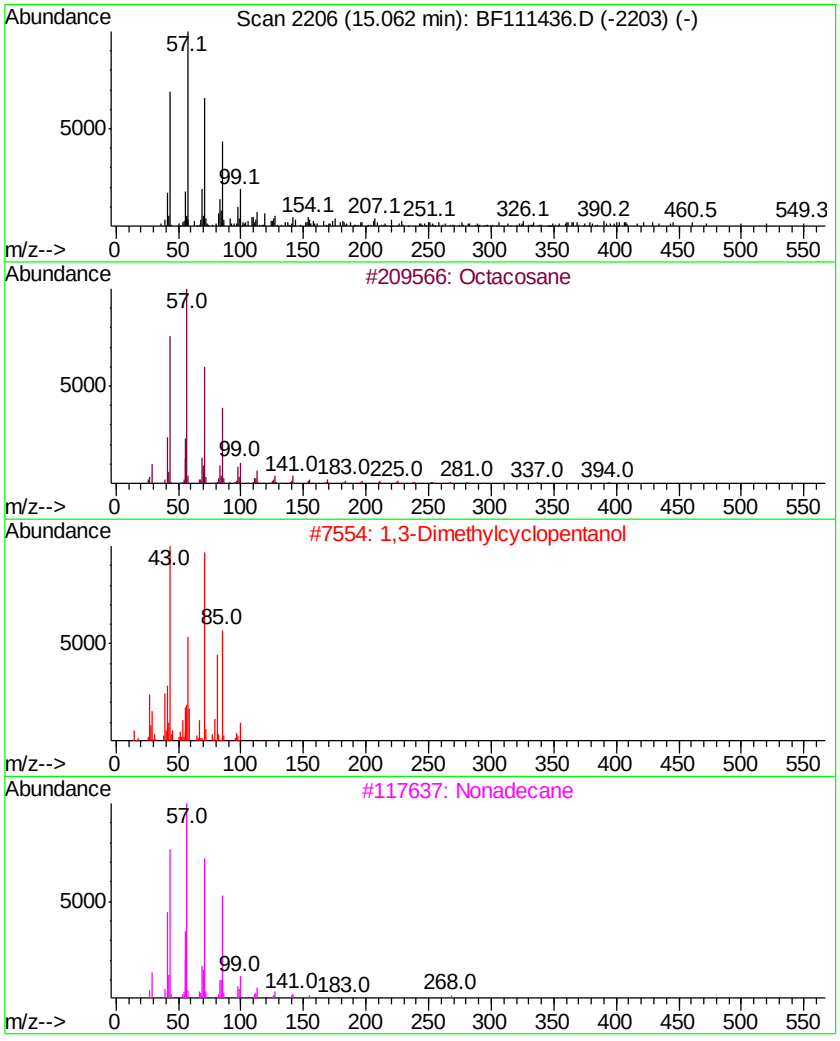
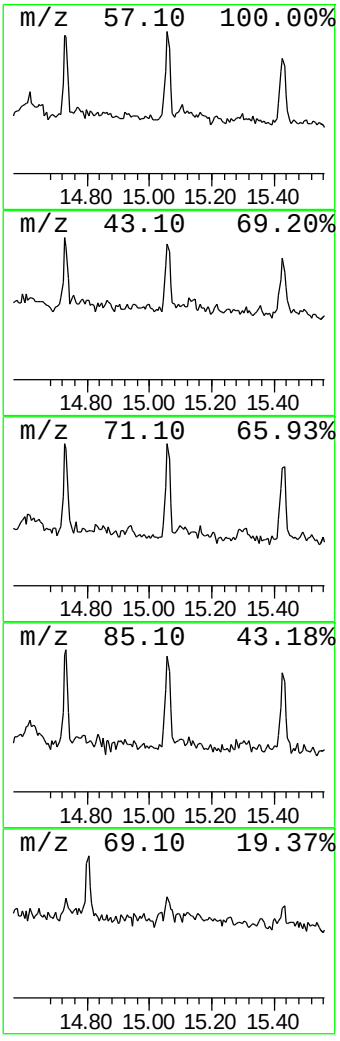
Peak Number 9 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	4.66 ng	163936	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	74
2	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	72
3	Nonadecane	268	C19H40	000629-92-5	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	13-Methylhentriacontane	451	C32H66	1000131-19-4	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\
Data File : BF111436.D
Acq On : 14 Dec 2018 23:16
Operator : JU/SJ
Sample : J6376-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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
2-Pentanone, 4-hy...	5.00	4.4	ng	226886	1	6.79	1028650	20.0
unknown6.57	6.57	80.1	ng	4117830	1	6.79	1028650	20.0
n-Hexadecanoic acid	11.85	18.9	ng	1181280	4	11.32	1252360	20.0
Octadecanoic acid	12.63	8.8	ng	549901	4	11.32	1252360	20.0
Phenol, 4,4'-(1-m...	12.79	5.2	ng	359783	5	13.95	1389080	20.0
1-Nonadecene	13.80	9.6	ng	664962	5	13.95	1389080	20.0
Eicosane	14.43	2.2	ng	155819	5	13.95	1389080	20.0
Octacosane	15.06	4.7	ng	163936	6	15.39	703993	20.0