LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111684.D
Acq On : 21 Dec 2018 13:44
Operator : JU/SJ
Sample : J6362-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-3

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-BF121918.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	2.210	16	21	27	rVB	53551	77377	1.41%	0.170%
2	3.416	223	226	241	rBV	46637	96467	1.76%	0.213%
3	5.122	508	516	525	rBV	192024	254103	4.64%	0.560%
4	5.522	578	584	587	rBV	4667980	4602136	84.04%	10.139%
5	6.528	748	755	759	rBV2	4337328	5279617	96.41%	11.632%
6	6.669	774	779	782	rBV	5169206	4912815	89.71%	10.823%
7	6.892	814	817	821	rVB	1441927	1248656	22.80%	2.751%
8	7.057	840	845	848	rBV	4056651	3831488	69.97%	8.441%
9	7.457	907	913	915	rBV	3026768	3185893	58.18%	7.019%
10	8.175	1031	1035	1039	rBV	1884680	1585601	28.95%	3.493%
11	9.251	1213	1218	1222	rBV	5822582	5476151	100.00%	12.064%
12	9.639	1281	1284	1287	rBV	512657	379824	6.94%	0.837%
13	9.933	1330	1334	1337	rVB	1895918	1643326	30.01%	3.620%
14	10.339	1399	1403	1406	rBV	52620	73173	1.34%	0.161%
15	10.716	1463	1467	1470	rBV	3302626	2811887	51.35%	6.195%
16	11.416	1582	1586	1588	rBV	1621173	1368409	24.99%	3.015%
17	11.439	1588	1590	1592	rVB	92230	73970	1.35%	0.163%
18	11.945	1672	1676	1686	rVB	685352	731227	13.35%	1.611%
19	12.621	1788	1791	1794	rBV	216322	197297	3.60%	0.435%
20	12.727	1804	1809	1816	rBV	605811	606657	11.08%	1.337%
21	12.851	1827	1830	1833	rVB	208166	166952	3.05%	0.368%
22	12.998	1851	1855	1858	rBV	4567495	3894466	71.12%	8.580%
23	13.892	2003	2007	2012	rBV	548803	509517	9.30%	1.123%
24	14.051	2029	2034	2036	rBV	1421966	1374752	25.10%	3.029%
25	14.074	2036	2038	2045	rVB	114749	106605	1.95%	0.235%
26	14.533	2113	2116	2119	rBV2	72670	68380	1.25%	0.151%
27	15.527	2281	2285	2290	rBV	686027	833885	15.23%	1.837%

Sum of corrected areas: 45390631

LSC Report - Integrated Chromatogram

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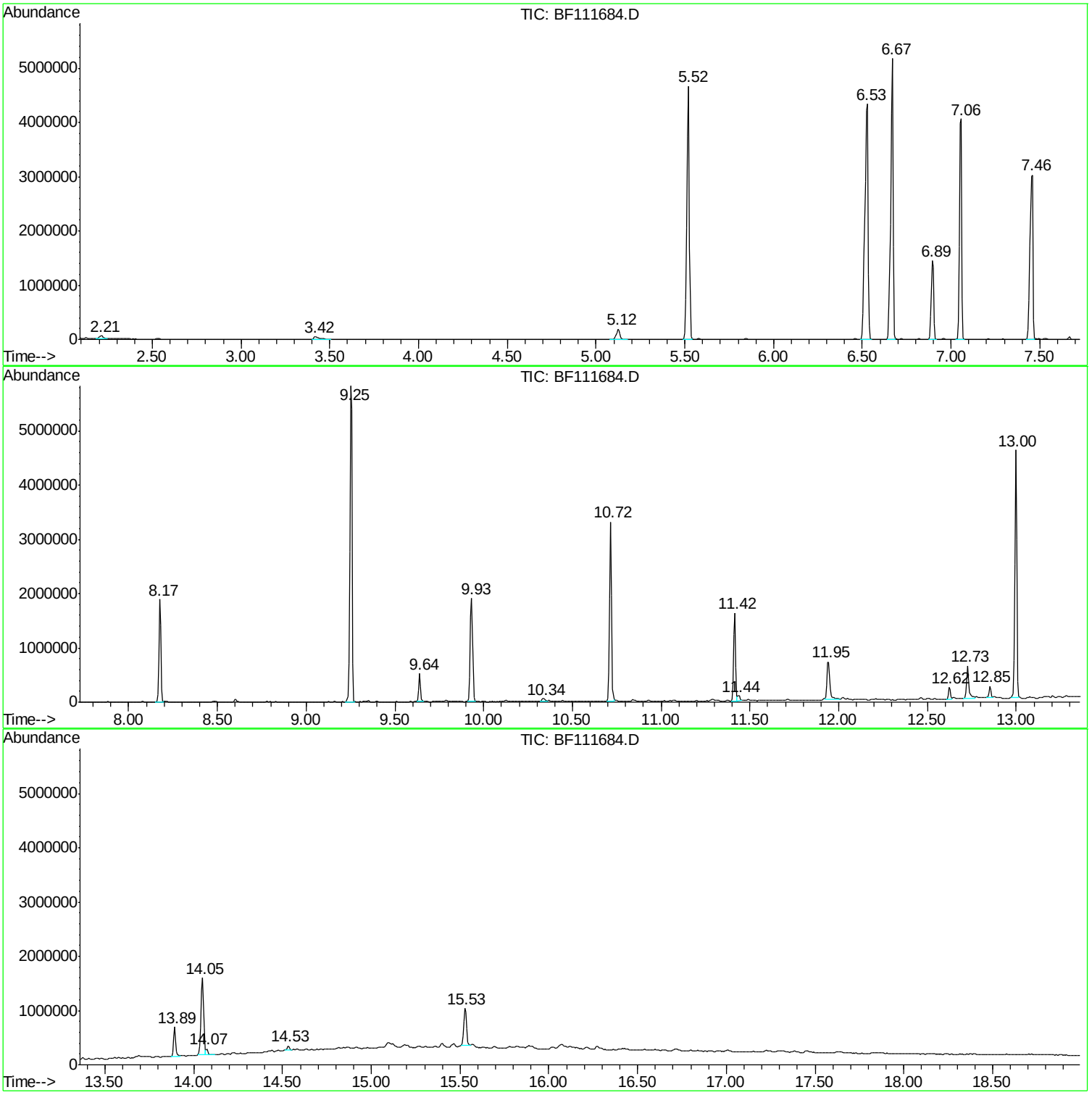
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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ClientSampleId : P-3

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TIC Integration Parameters: LSCINT.P

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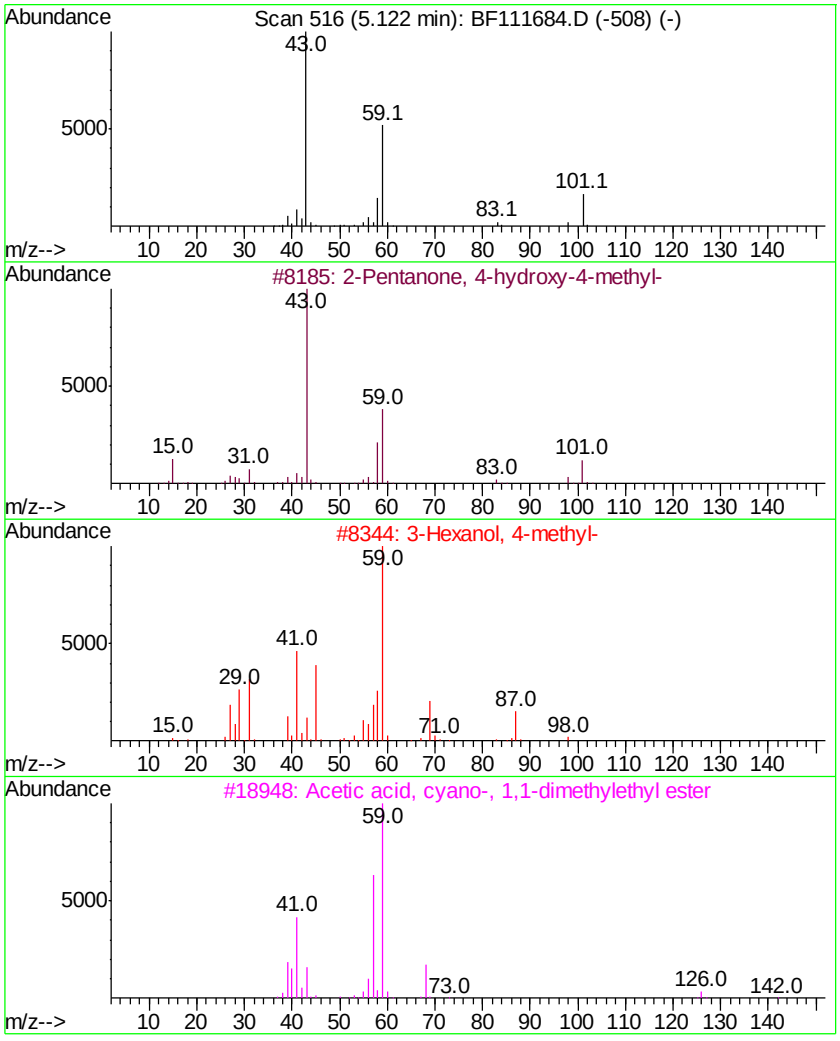
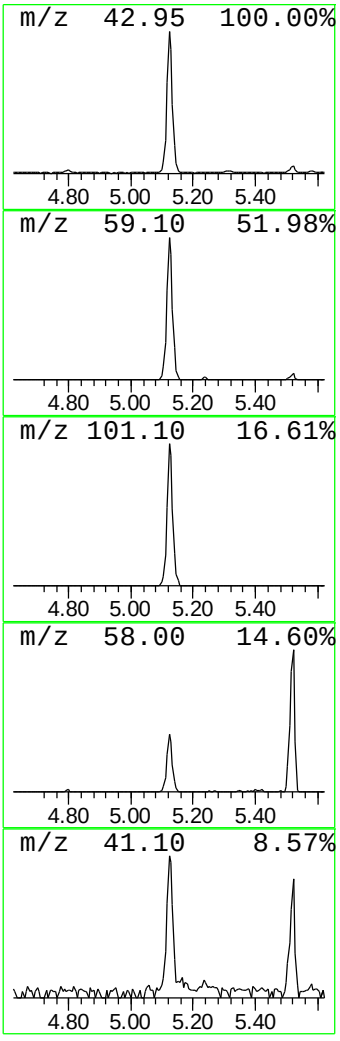
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	4.07 ng	254103	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Sample : J6362-03
Misc :
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Instrument : BNA_F
ClientSampleId : P-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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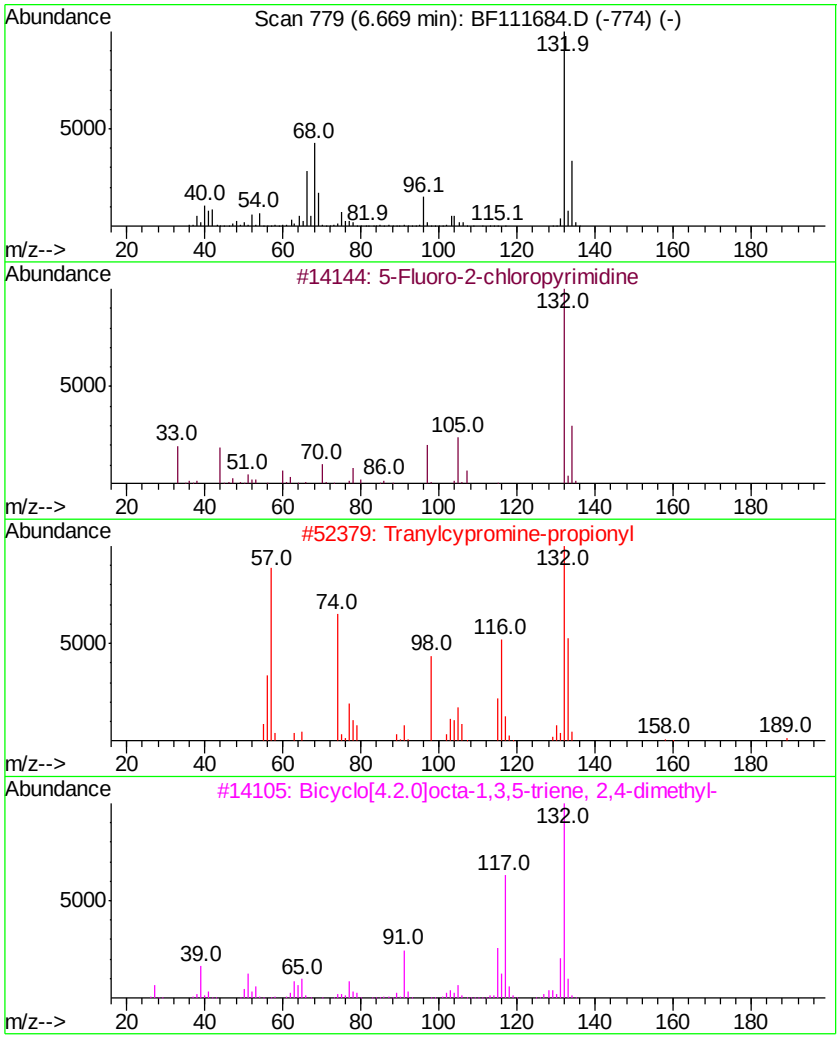
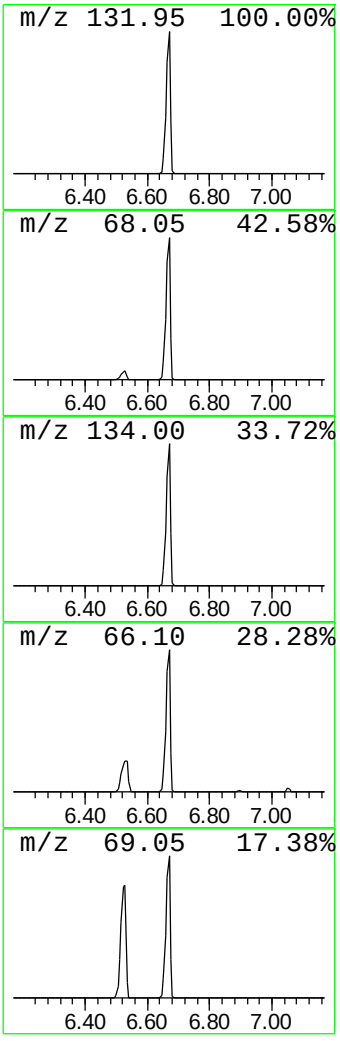
Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	78.69 ng	4912820	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : P-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
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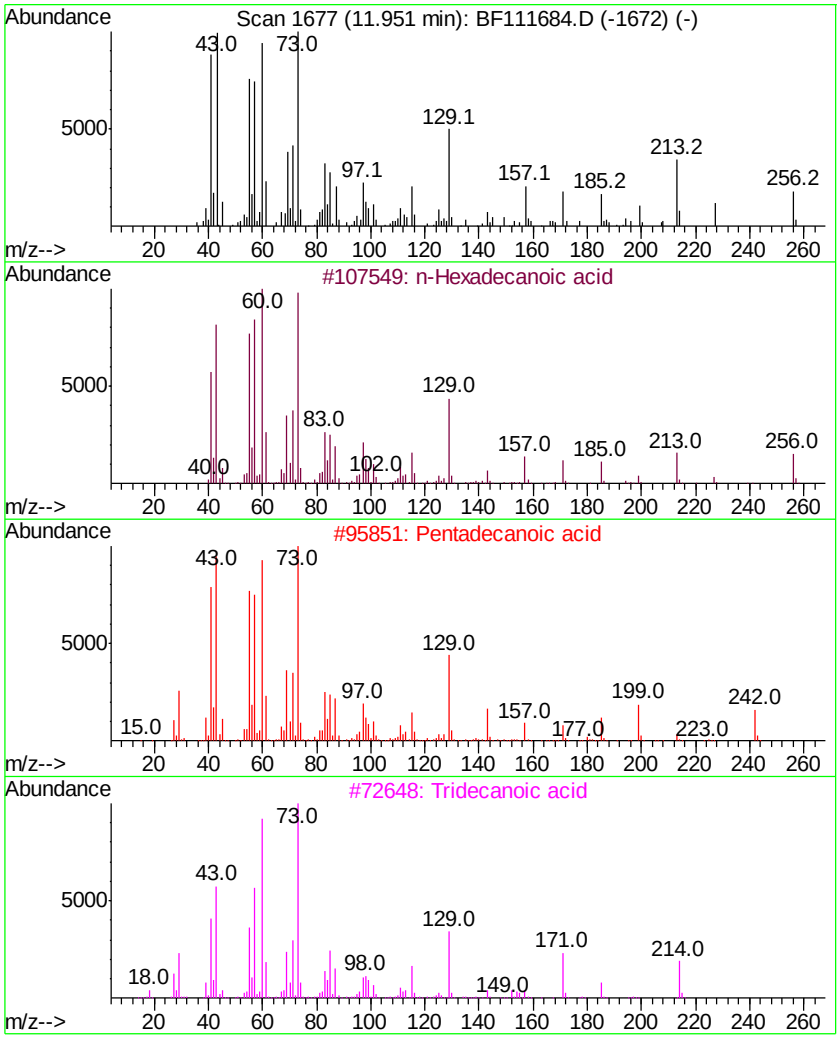
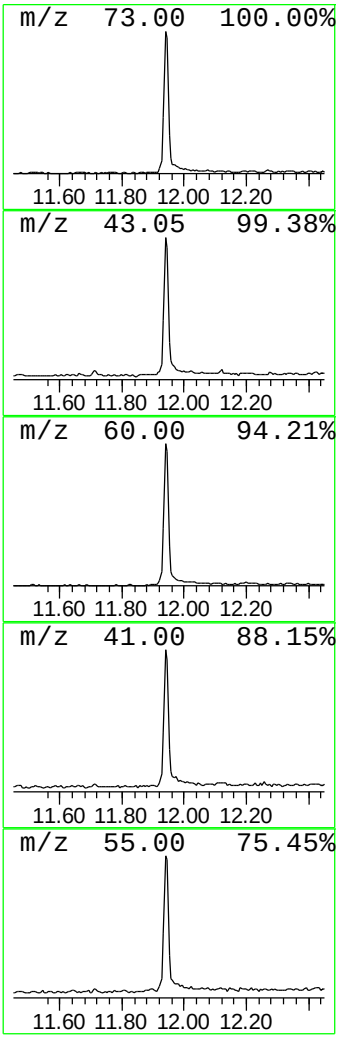
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	10.69 ng	731227	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





Library Search Compound Report

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Sample : J6362-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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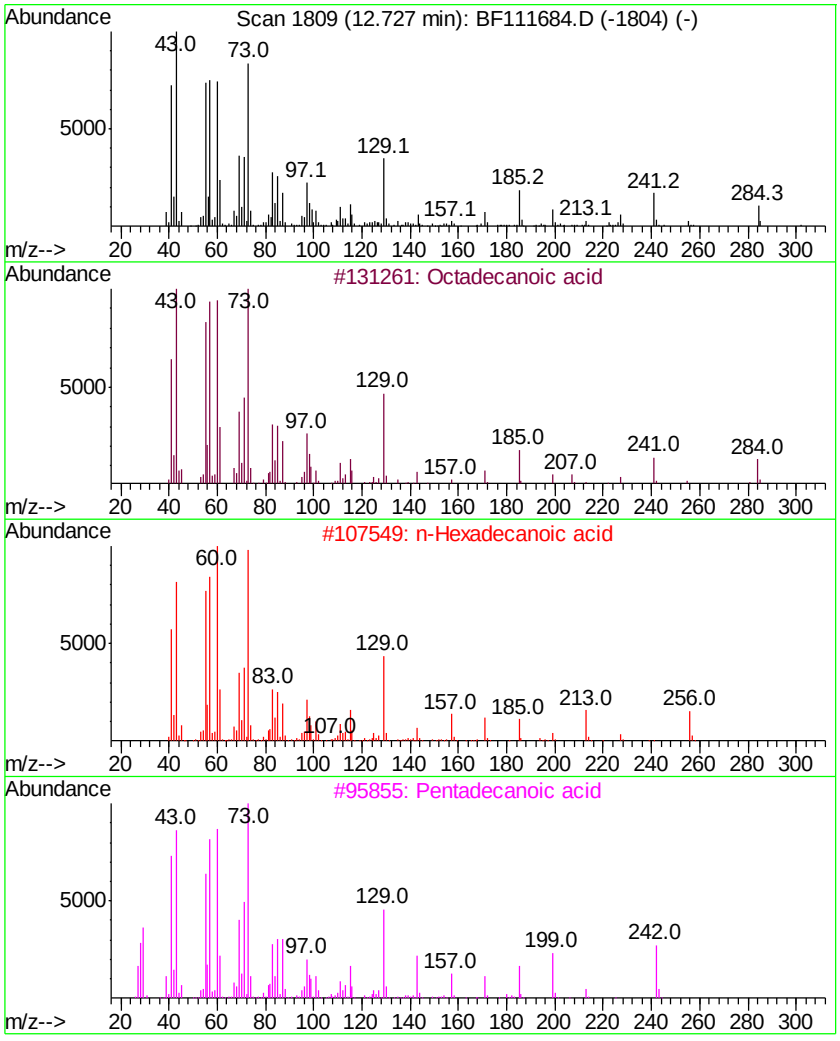
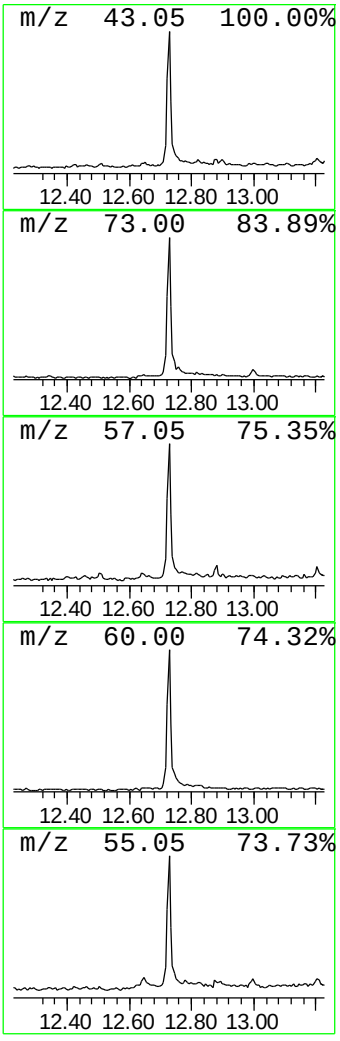
Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	8.87 ng	606657	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





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Sample : J6362-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
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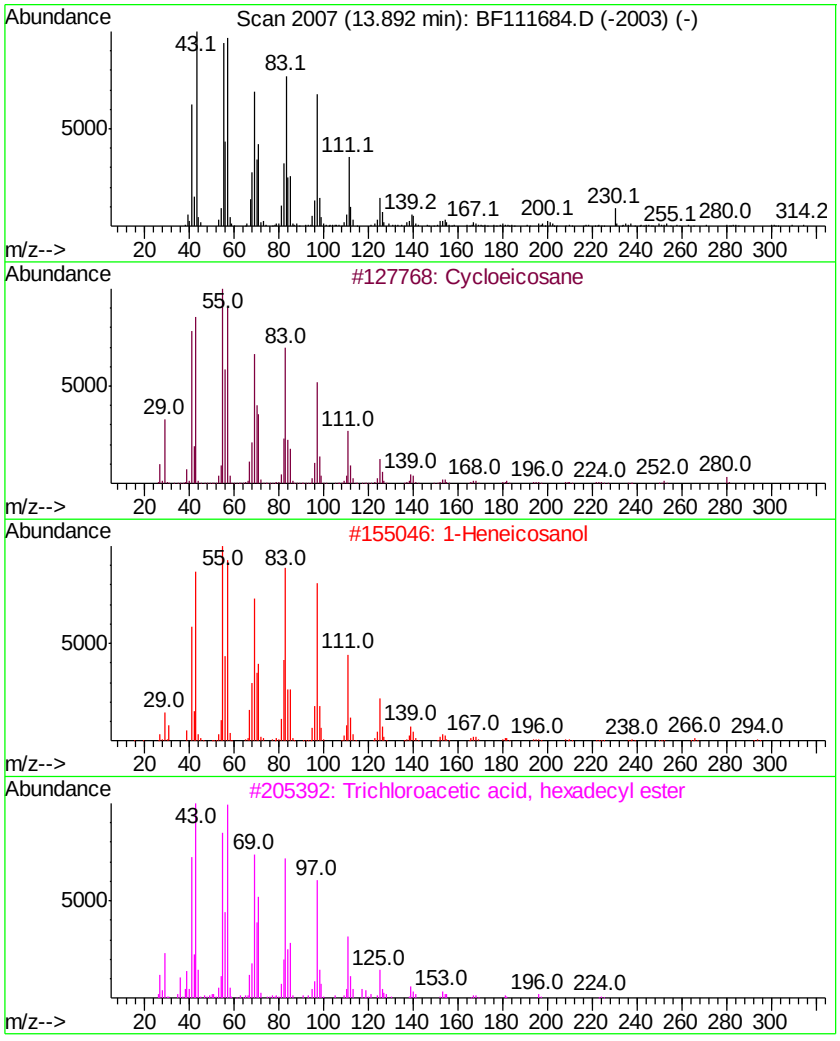
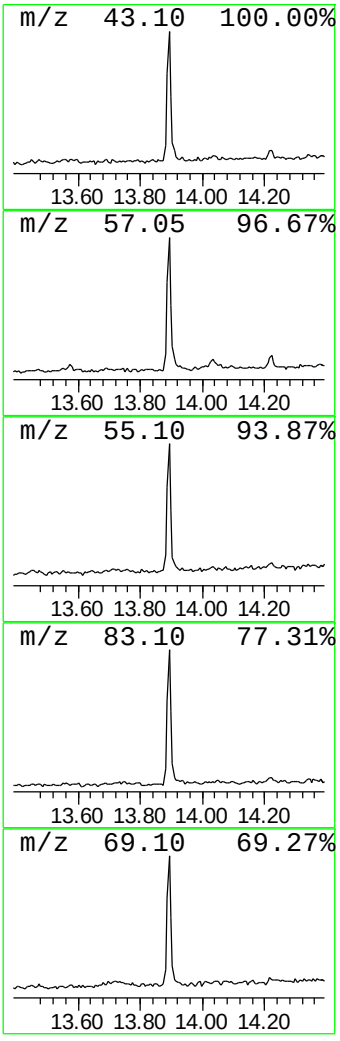
Peak Number 6 Cycloeicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	7.41 ng	509517	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	1-Docosene	308	C22H44	001599-67-3	94





Tentatively Identified Compound (LSC) summary

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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
2-Pentanone, 4-hy...	5.12	4.1	ng	254103	1	6.89	1248660	20.0
unknown6.67	6.67	78.7	ng	4912820	1	6.89	1248660	20.0
n-Hexadecanoic acid	11.95	10.7	ng	731227	4	11.42	1368410	20.0
Octadecanoic acid	12.73	8.9	ng	606657	4	11.42	1368410	20.0
Cycloeicosane	13.89	7.4	ng	509517	5	14.05	1374750	20.0