LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111347.D
Acq On : 13 Dec 2018 3:02
Operator : JU/SJ
Sample : J6214-49
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)

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-BF121218.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	4.516	405	413	417	rBV	80503	93126	1.75%	0.210%
2	5.004	487	496	505	rBV	211506	289281	5.42%	0.651%
3	5.416	561	566	569	rBV	5010939	4657155	87.29%	10.482%
4	6.434	734	739	757	rBV2	4546376	5335033	100.00%	12.008%
5	6.569	757	762	765	rBV	4809603	4742964	88.90%	10.675%
6	6.793	797	800	804	rBV	1482507	1350393	25.31%	3.039%
7	6.951	823	827	831	rBV	4401530	3822772	71.65%	8.604%
8	7.351	891	895	898	rBV	2958949	2697534	50.56%	6.072%
9	8.075	1015	1018	1022	rBV	1736708	1562214	29.28%	3.516%
10	8.669	1115	1119	1123	rBV	70228	70319	1.32%	0.158%
11	9.151	1197	1201	1205	rBV	5179483	4918733	92.20%	11.071%
12	9.545	1264	1268	1272	rBV	439735	347202	6.51%	0.781%
13	9.833	1313	1317	1321	rBV	1849905	1651324	30.95%	3.717%
14	10.616	1446	1450	1464	rBV	2786751	2498552	46.83%	5.624%
15	11.316	1565	1569	1571	rBV	1852060	1571802	29.46%	3.538%
16	11.339	1571	1573	1576	rVV	216175	181914	3.41%	0.409%
17	11.386	1576	1581	1584	rVB2	57400	62815	1.18%	0.141%
18	11.845	1656	1659	1665	rBV	405183	394176	7.39%	0.887%
19	11.927	1670	1673	1675	rVV	63249	59245	1.11%	0.133%
20	12.527	1771	1775	1778	rBV	547036	520826	9.76%	1.172%
21	12.633	1790	1793	1799	rBV5	109178	156695	2.94%	0.353%
22	12.751	1809	1813	1817	rBV	484338	478395	8.97%	1.077%
23	12.904	1835	1839	1842	rBV	3962272	3709505	69.53%	8.349%
24	13.486	1935	1938	1940	rBV	109320	96307	1.81%	0.217%
25	13.816	1991	1994	1999	rBV	571869	720816	13.51%	1.622%
26	13.951	2013	2017	2020	rBV2	1267200	1313754	24.63%	2.957%
27	14.127	2045	2047	2050	rBV	176805	164226	3.08%	0.370%
28	14.433	2097	2099	2102	rBV	183176	143136	2.68%	0.322%
29	15.392	2258	2262	2266	rBV	672771	818786	15.35%	1.843%

Sum of corrected areas: 44429000

LSC Report - Integrated Chromatogram

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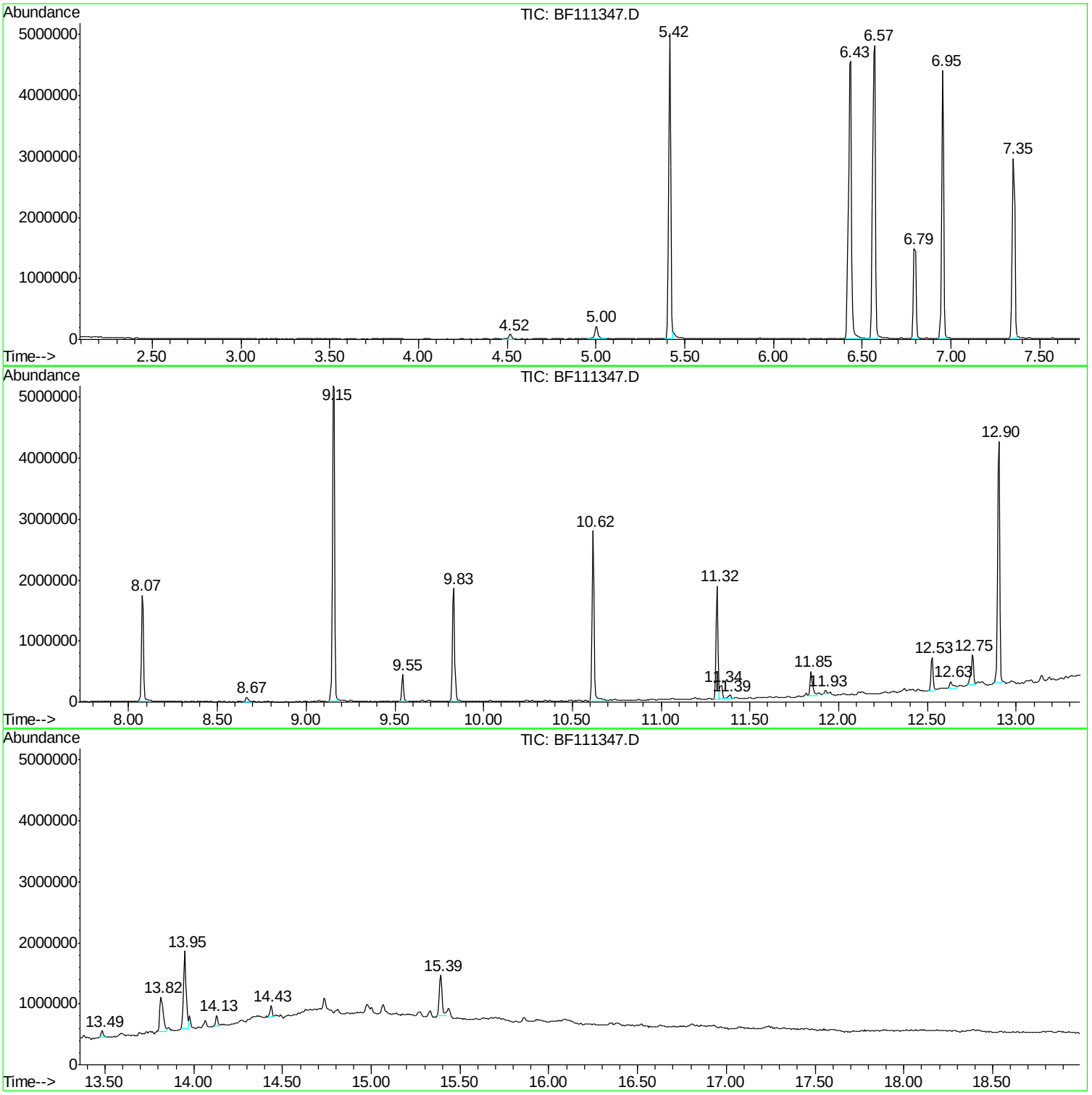
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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

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Data File : BF111347.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

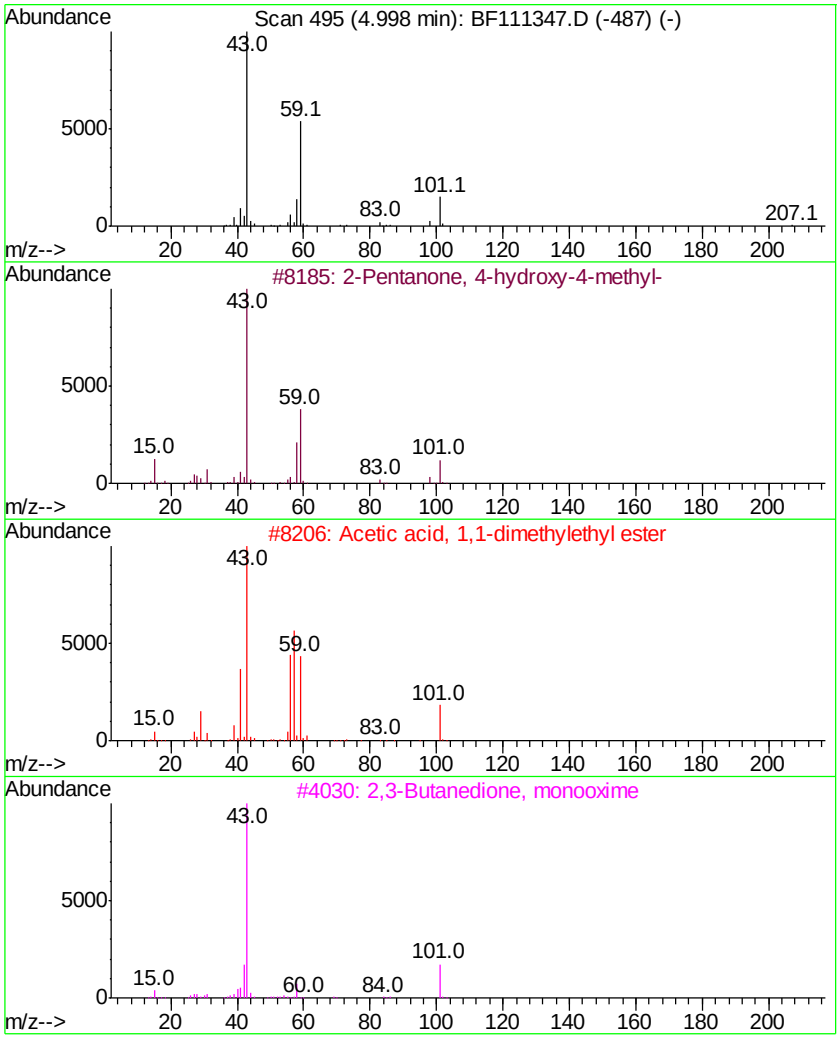
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

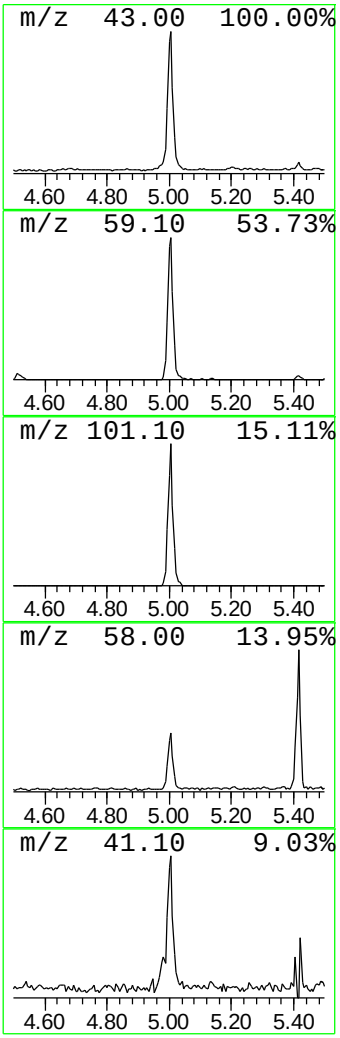
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	4.28 ng	289281	1,4-Dichlorobenzene-d4	6.80

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Allyl acetate	100	C5H8O2	000591-87-7	10





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SB-7(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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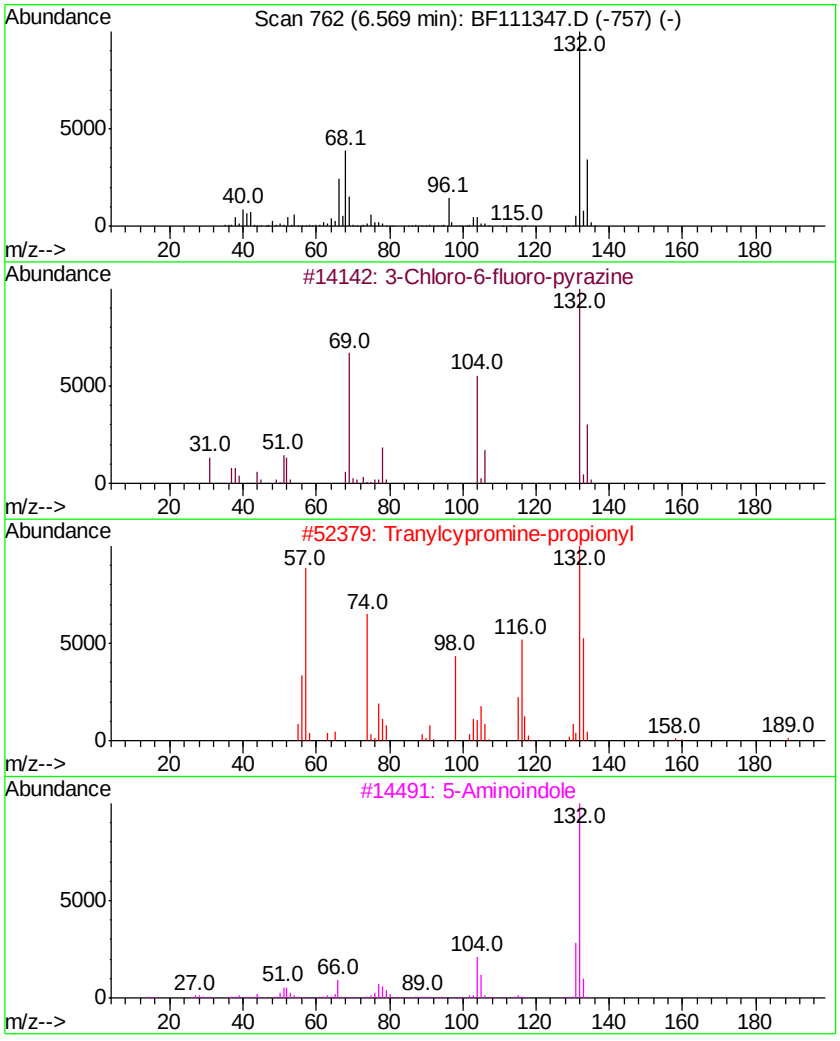
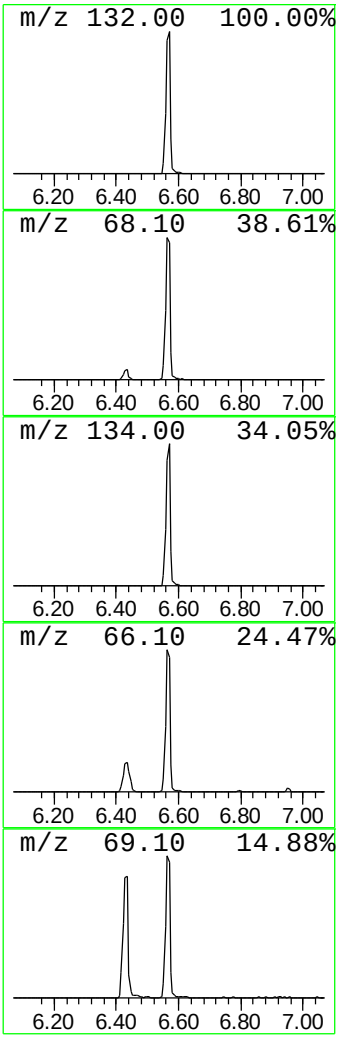
Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	70.25 ng	4742960	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : J6214-49
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
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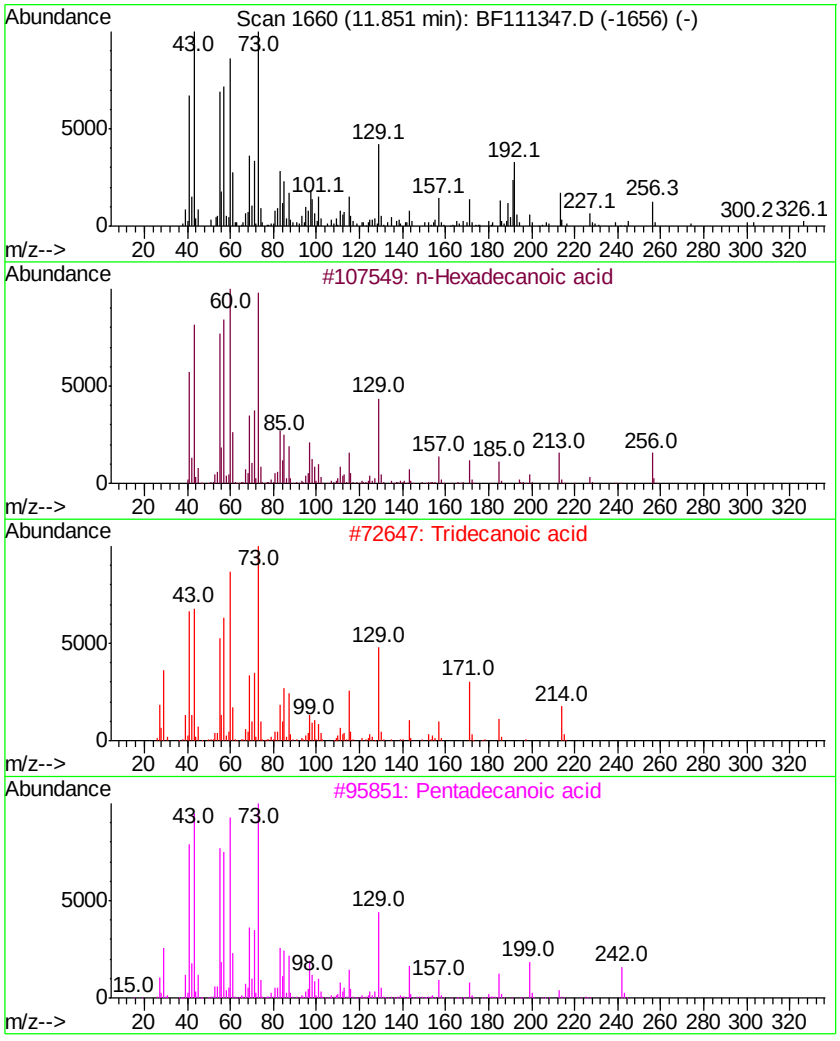
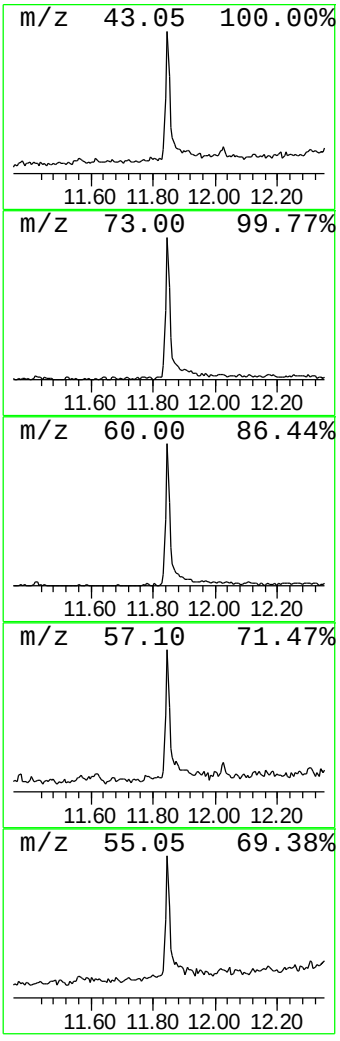
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	5.02 ng	394176	Phenanthrene-d10	11.32

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	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Sample : J6214-49
Misc :
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Instrument : BNA_F
ClientSampleId : SB-7(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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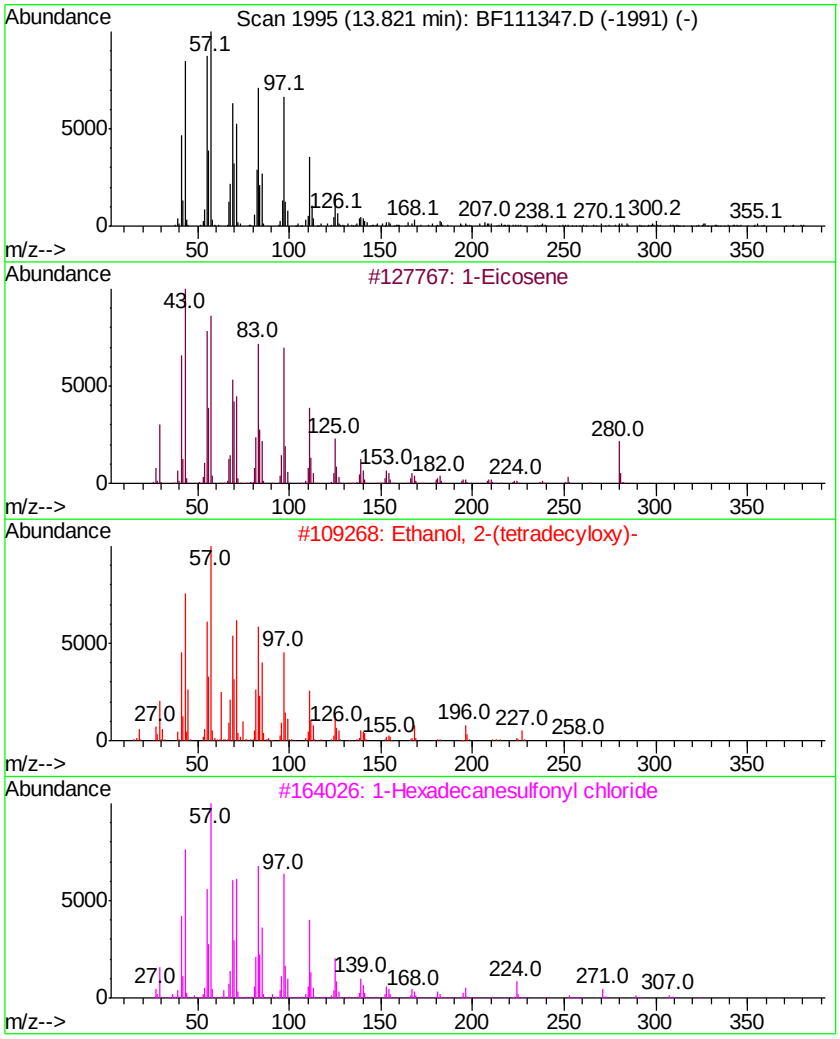
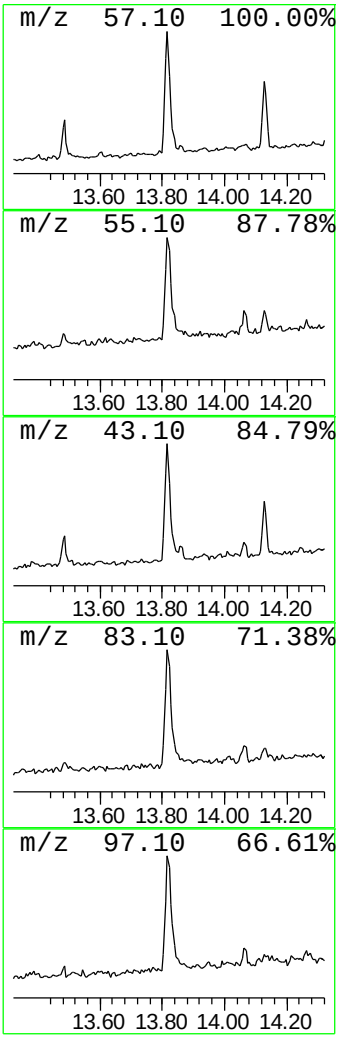
Peak Number 5 1-Eicosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	10.97 ng	720816	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	93
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
4	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	91
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-7(0-2)

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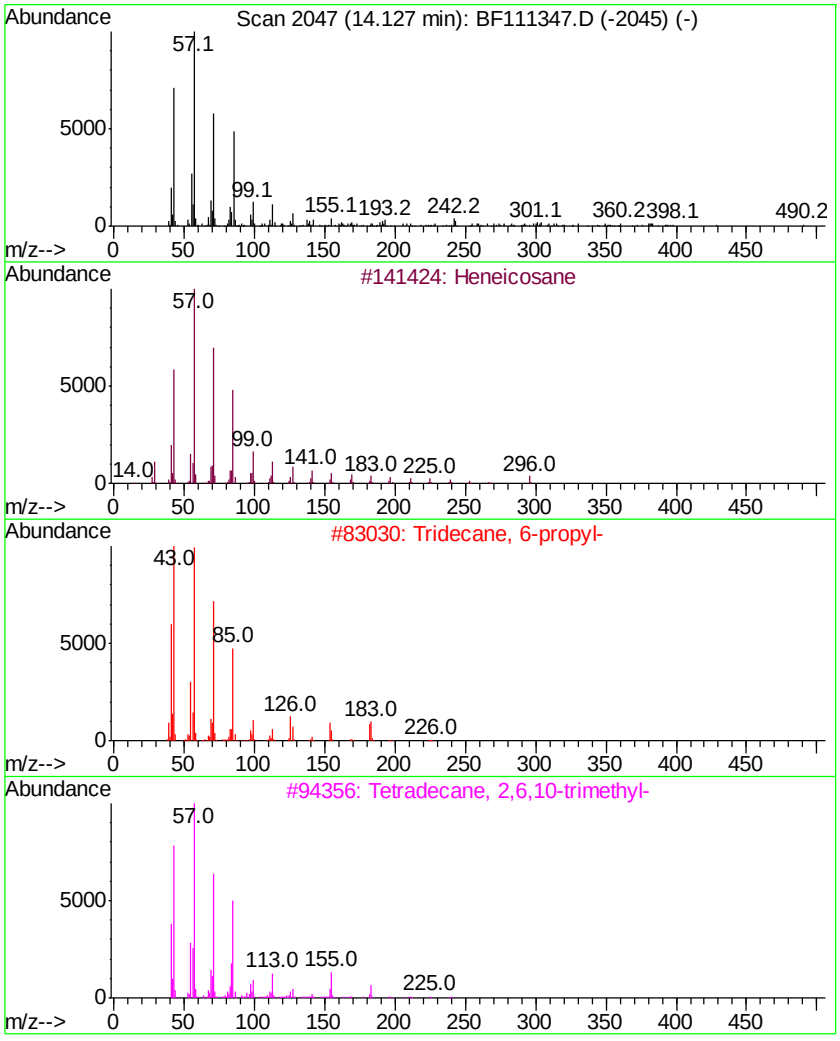
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

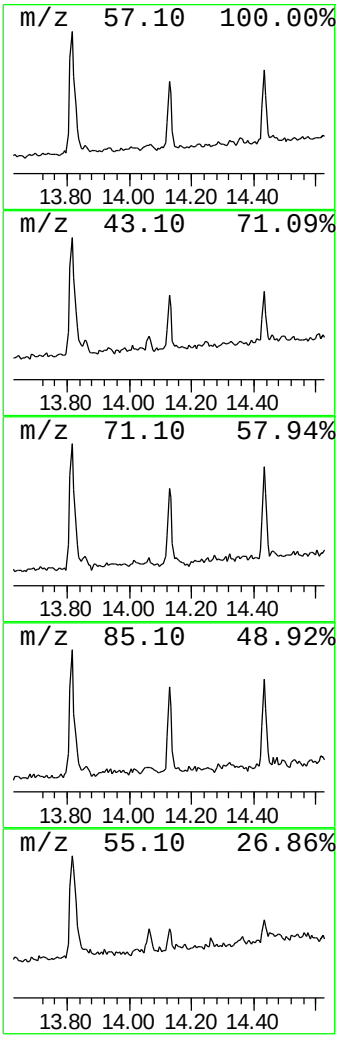
****

Peak Number 6 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	2.50 ng	164226	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
4	Octacosane	394	C28H58	000630-02-4	89
5	Heptacosane	380	C27H56	000593-49-7	87





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Misc :
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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
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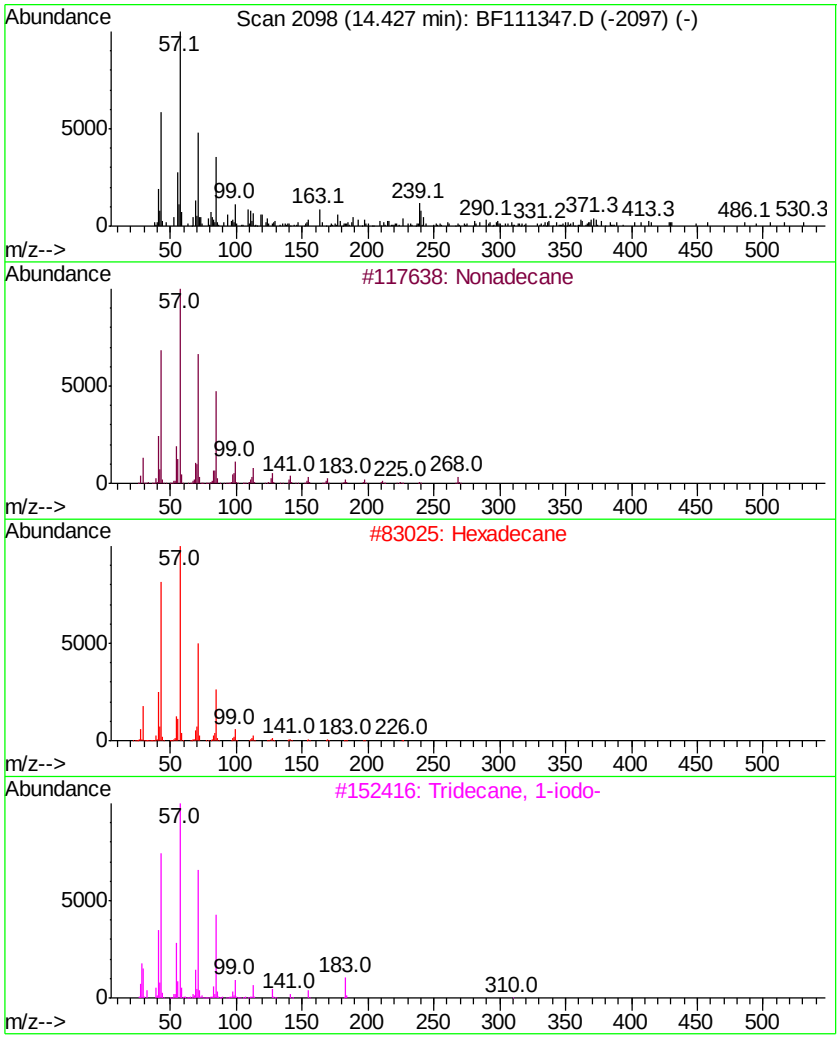
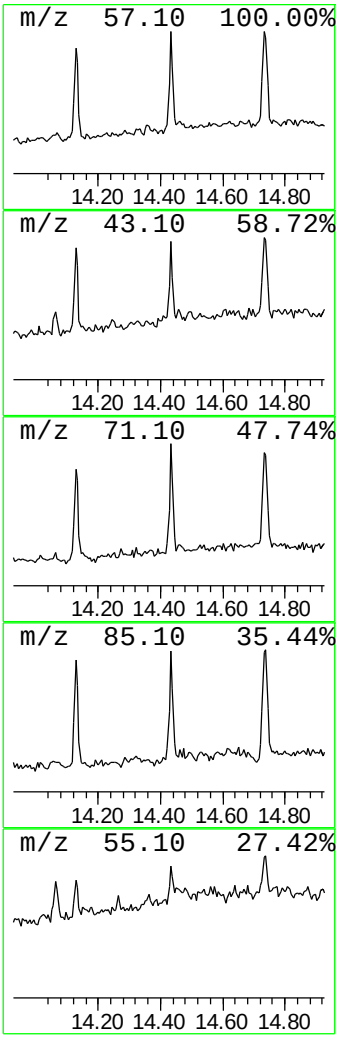
Peak Number 7 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.18 ng	143136	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	83





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...	5.00	4.3	ng	289281	1	6.80	1350390	20.0
unknown6.57	6.57	70.3	ng	4742960	1	6.80	1350390	20.0
n-Hexadecanoic acid	11.85	5.0	ng	394176	4	11.32	1571800	20.0
1-Eicosene	13.82	11.0	ng	720816	5	13.95	1313750	20.0
Heneicosane	14.13	2.5	ng	164226	5	13.95	1313750	20.0
Nonadecane	14.43	2.2	ng	143136	5	13.95	1313750	20.0