LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101652.D
Acq On : 22 Dec 2017 14:43
Operator : SJ/JU
Sample : PB105201BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB105201BL

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:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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	3.516	237	243	255	rBV	16521	46858	1.19%	0.137%
2	4.404	391	394	410	rBV	53836	116713	2.95%	0.340%
3	5.016	494	498	518	rBV	574963	1002578	25.37%	2.921%
4	5.416	562	566	590	rBV	3153914	3646043	92.28%	10.624%
5	6.428	734	738	756	rBV	2936291	3559135	90.08%	10.371%
6	6.557	756	760	776	rVB	3291013	3373741	85.39%	9.830%
7	6.787	795	799	811	rBV	937502	894710	22.64%	2.607%
8	6.939	821	825	842	rBV	2786823	2786290	70.52%	8.119%
9	7.357	891	896	916	rBV	2117093	2380230	60.24%	6.935%
10	8.069	1013	1017	1030	rBV	1143980	1192495	30.18%	3.475%
11	9.145	1194	1200	1203	rBV	3382271	3951058	100.00%	11.513%
12	9.822	1310	1315	1324	rVB	1359980	1283956	32.50%	3.741%
13	10.622	1446	1451	1468	rBV	2159742	2328962	58.95%	6.786%
14	11.316	1565	1569	1577	rBV	1494875	1352419	34.23%	3.941%
15	12.898	1833	1838	1841	rBV	3597056	3808377	96.39%	11.097%
16	13.963	2015	2019	2025	rBV	1251825	1240788	31.40%	3.615%
17	14.768	2153	2156	2160	rVB	40979	42736	1.08%	0.125%
18	15.021	2196	2199	2202	rBV	45886	49481	1.25%	0.144%
19	15.386	2258	2261	2264	rBV	52699	68633	1.74%	0.200%
20	15.427	2264	2268	2281	rVB	688094	948630	24.01%	2.764%
21	15.804	2328	2332	2337	rVB	56086	86950	2.20%	0.253%
22	16.292	2410	2415	2420	rBV	54617	96182	2.43%	0.280%
23	16.856	2507	2511	2518	rVB2	36949	62720	1.59%	0.183%

Sum of corrected areas: 34319685

LSC Report - Integrated Chromatogram

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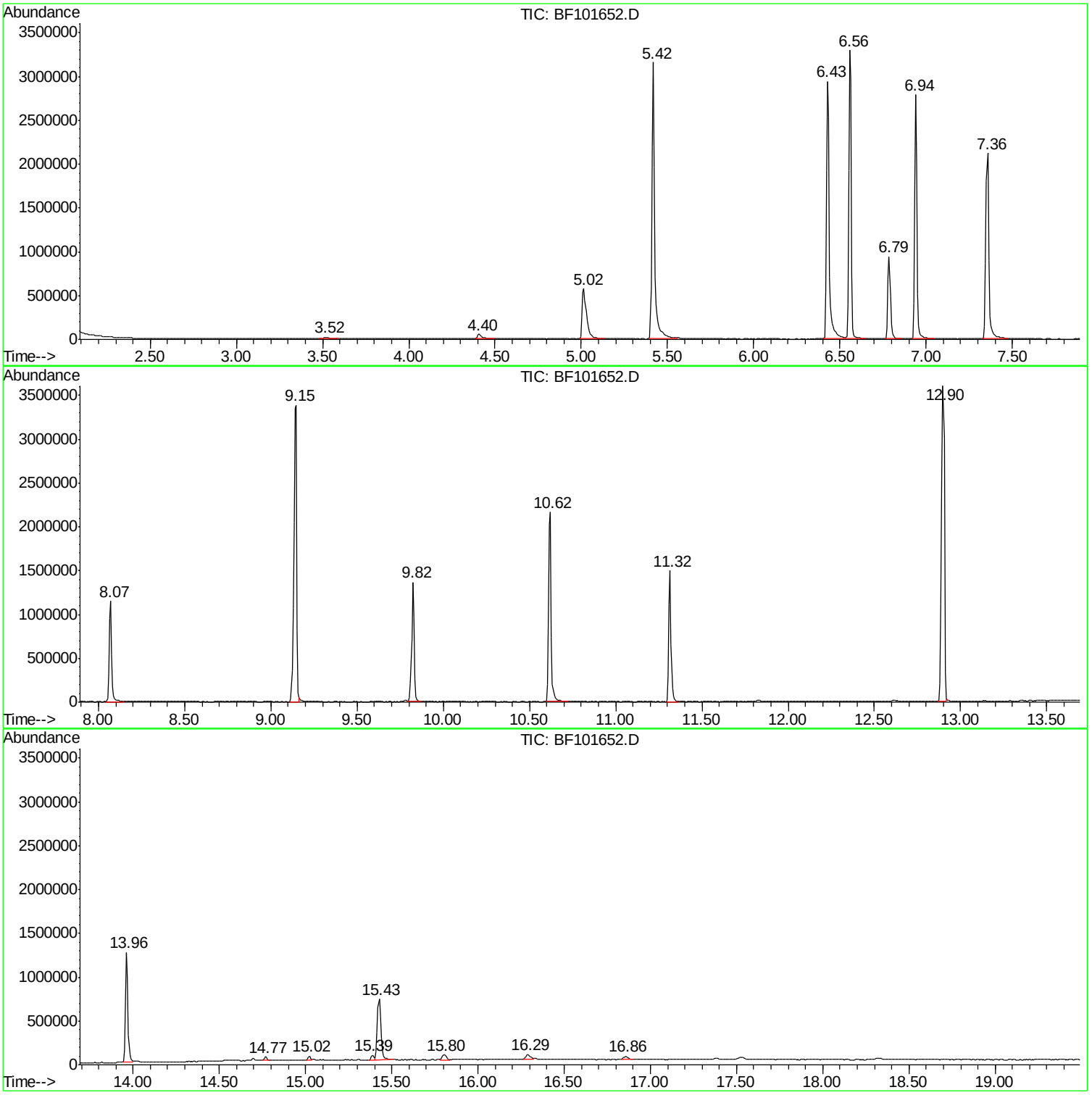
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105201BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101652.D
Acq On : 22 Dec 2017 14:43
Operator : SJ/JU
Sample : PB105201BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB105201BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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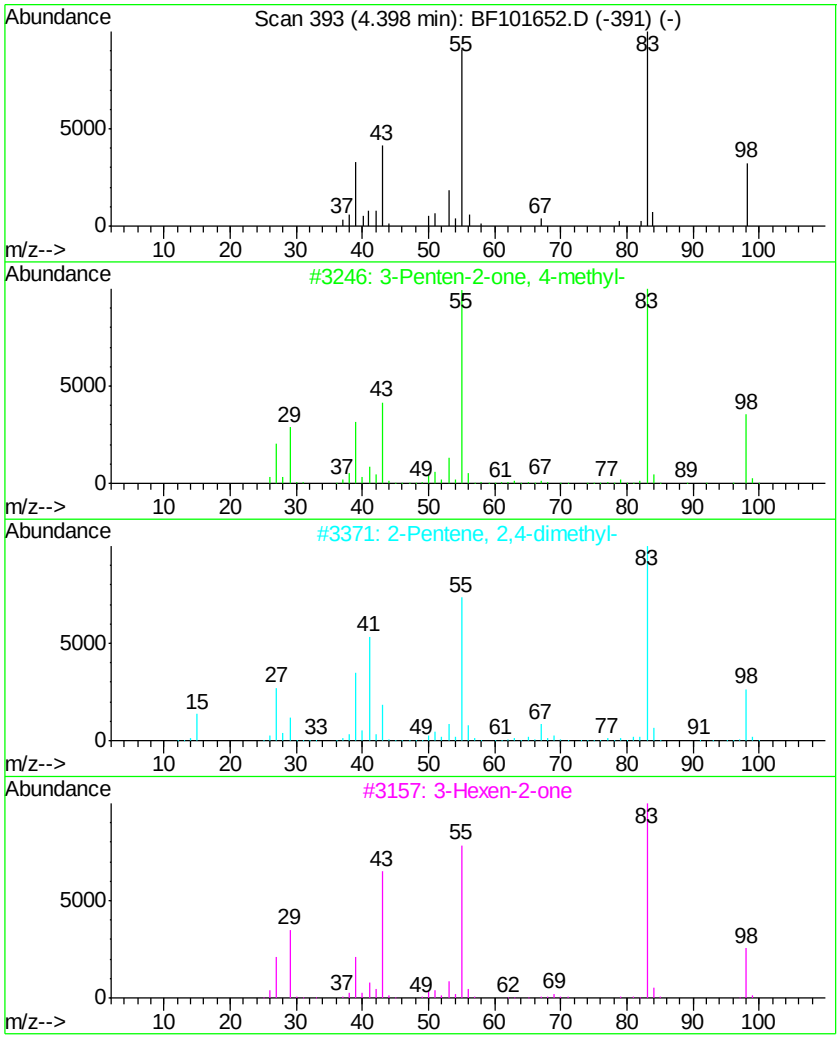
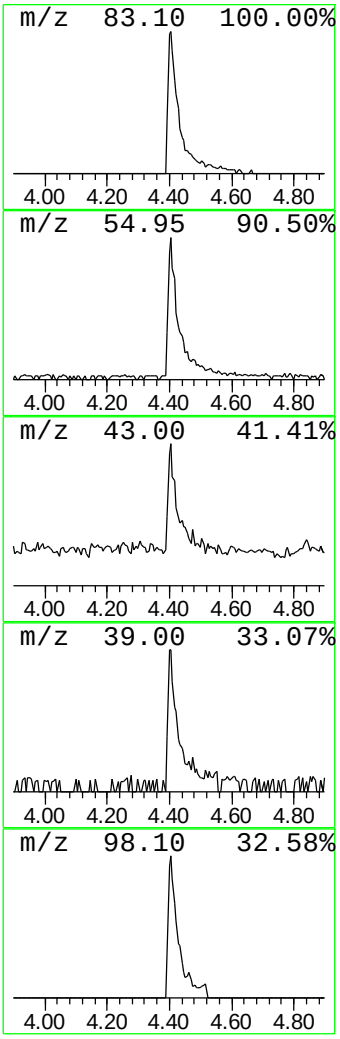
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	2.61 ng	116713	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	93
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	87
3	3-Hexen-2-one	98	C6H10O	000763-93-9	87
4	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	86
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB105201BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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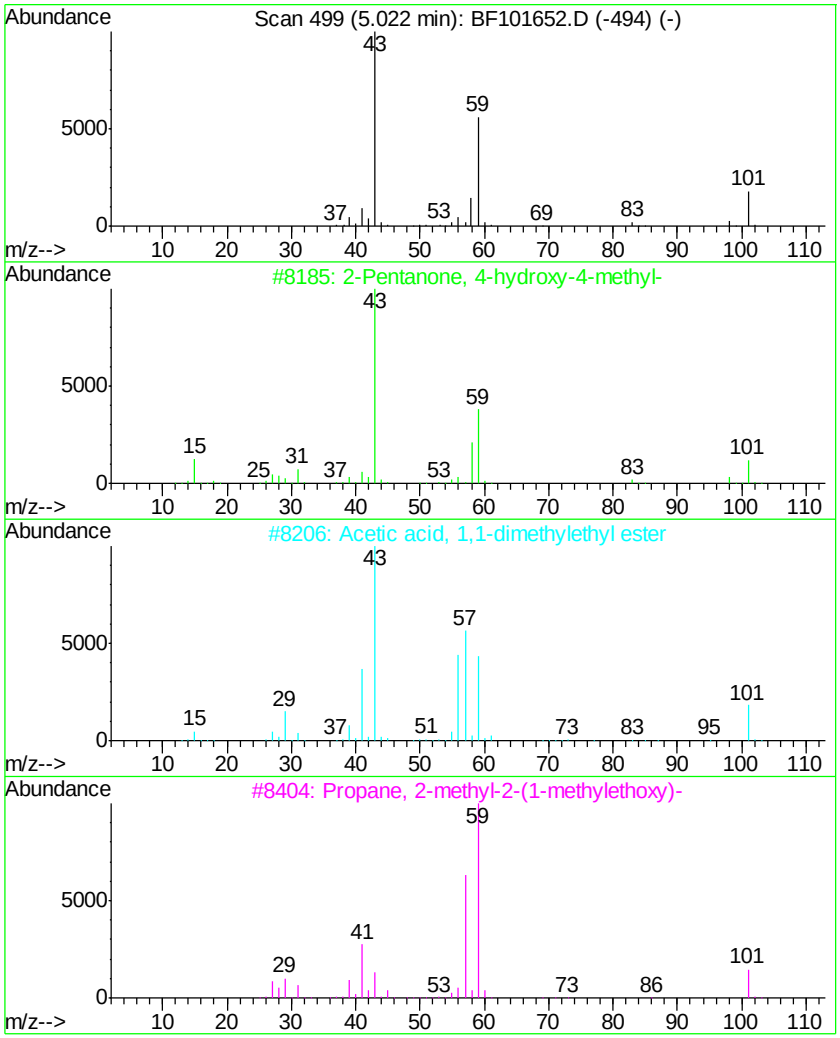
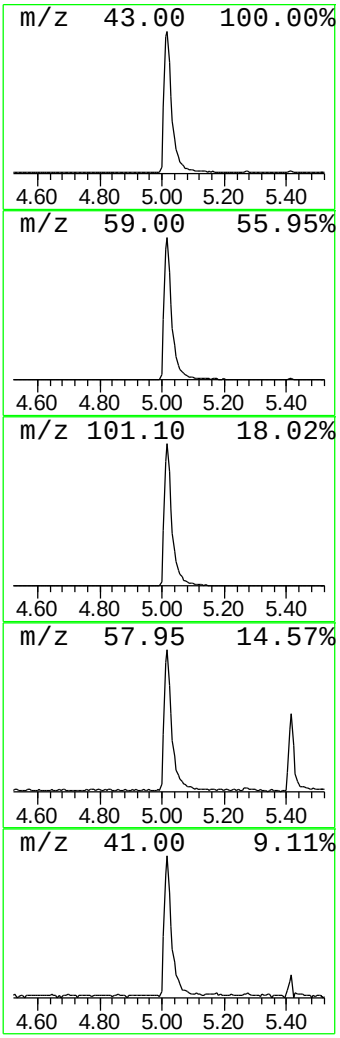
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	22.41 ng	1002580	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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Library Search Compound Report

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Data File : BF101652.D
Acq On : 22 Dec 2017 14:43
Operator : SJ/JU
Sample : PB105201BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB105201BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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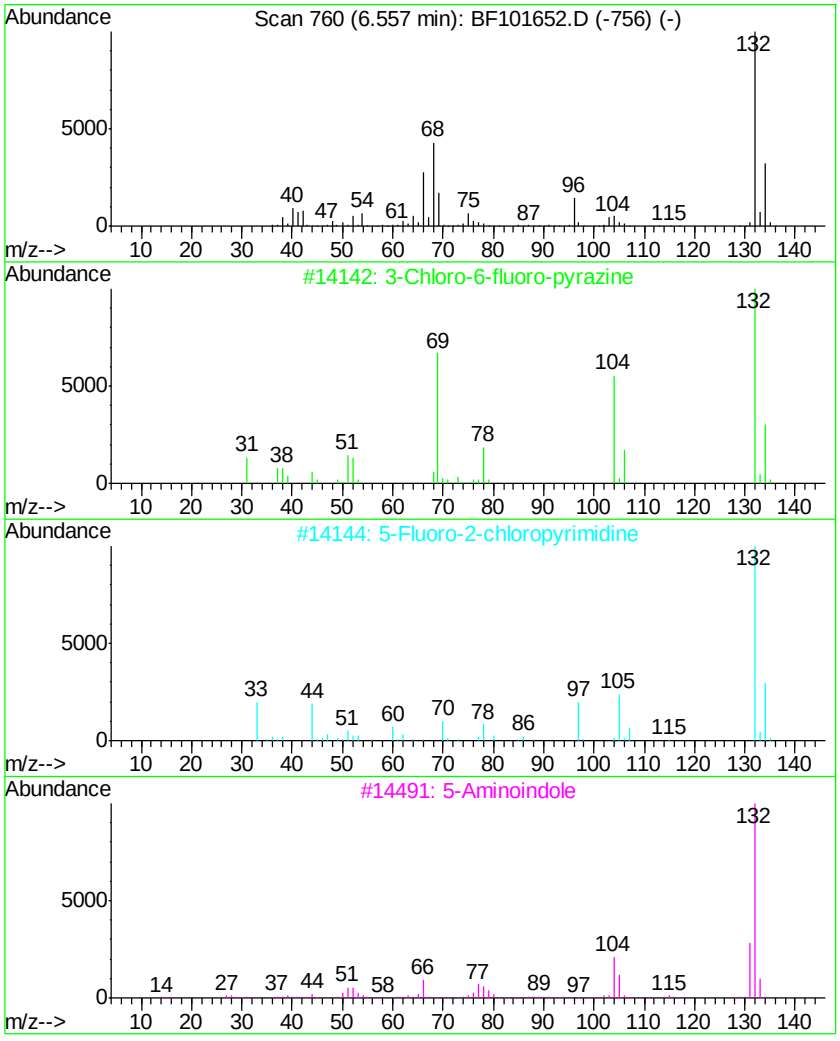
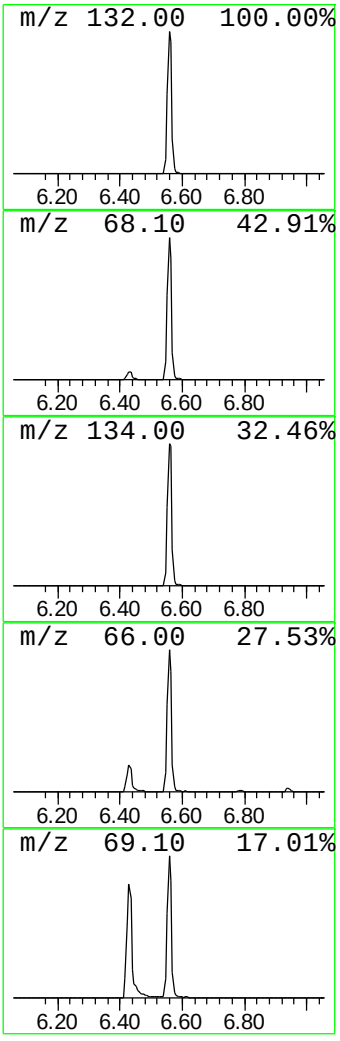
Peak Number 3 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	75.42 ng	3373740	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Operator : SJ/JU
Sample : PB105201BL
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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB105201BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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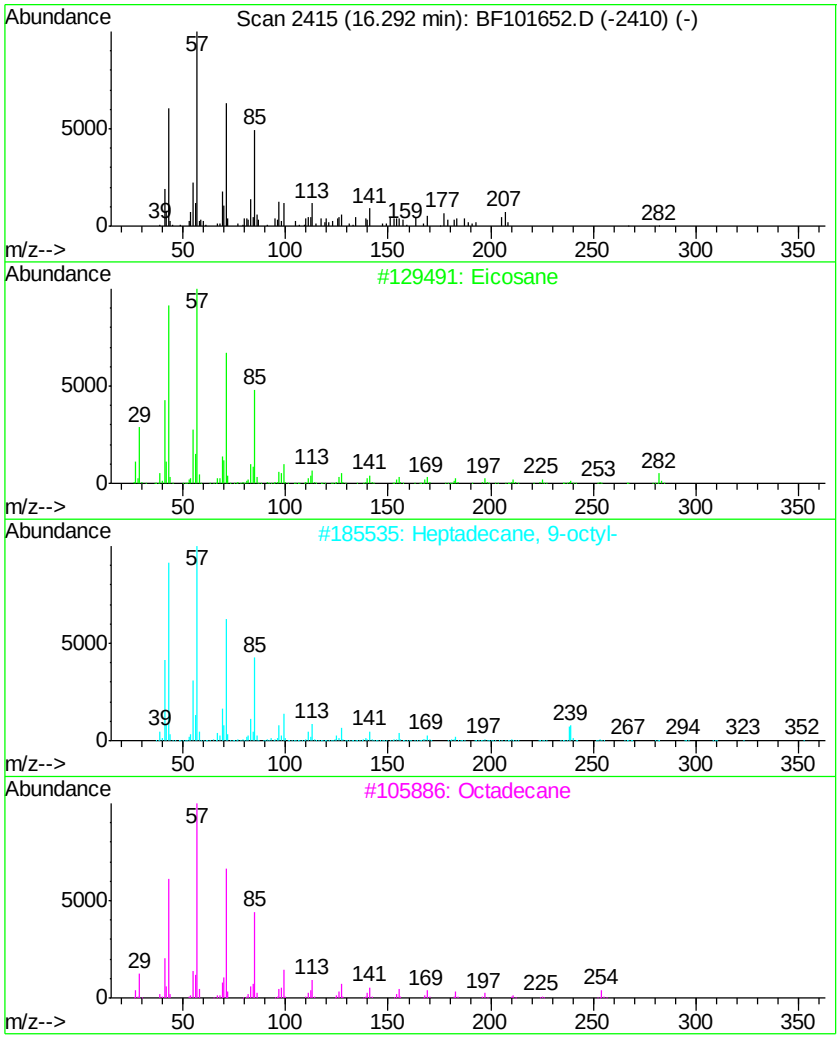
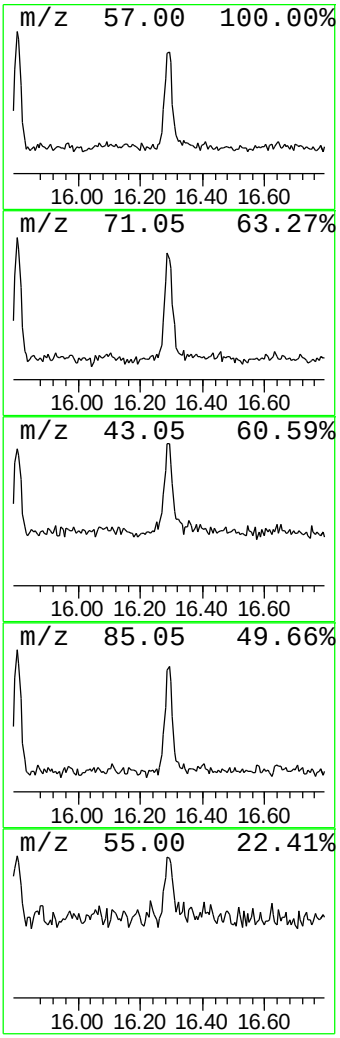
Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.03 ng	96182	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
3	Octadecane	254	C18H38	000593-45-3	80
4	Triacontane	422	C30H62	000638-68-6	80
5	Hentriacontane	437	C31H64	000630-04-6	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
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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
3-Penten-2-one, 4...	4.40	2.6	ng	116713	1	6.79	894710	20.0
2-Pentanone, 4-hy...	5.02	22.4	ng	1002580	1	6.79	894710	20.0
unknown6.56	6.56	75.4	ng	3373740	1	6.79	894710	20.0
Eicosane	16.29	2.0	ng	96182	6	15.43	948630	20.0