LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100201.D
Acq On : 5 Nov 2017 1:59
Operator : SJ/JU
Sample : I6329-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-EMH-F

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-BF102317.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	4.987	490	493	517	rBV	61702	126669	4.66%	0.715%
2	5.404	561	564	585	rBV	314641	636636	23.44%	3.593%
3	6.428	736	738	754	rBV	258696	499758	18.40%	2.821%
4	6.540	754	757	774	rVB	1092003	1380283	50.82%	7.791%
5	6.763	792	795	803	rBV	547283	529462	19.49%	2.989%
6	6.916	818	821	836	rBV	1853301	1761183	64.84%	9.941%
7	7.340	889	893	913	rBV	1267102	1387248	51.07%	7.830%
8	7.787	964	969	972	rBV3	35866	48359	1.78%	0.273%
9	7.887	983	986	993	rBV2	28061	34703	1.28%	0.196%
10	8.045	1010	1013	1027	rVB	769805	789675	29.07%	4.457%
11	8.545	1095	1098	1104	rVB3	46210	47716	1.76%	0.269%
12	8.616	1107	1110	1117	rVB3	33673	46683	1.72%	0.264%
13	8.863	1149	1152	1156	rBV3	41143	48985	1.80%	0.276%
14	8.981	1169	1172	1175	rBV3	29840	31277	1.15%	0.177%
15	9.116	1191	1195	1198	rBV	2995818	2716130	100.00%	15.331%
16	9.181	1203	1206	1209	rVB	40591	33874	1.25%	0.191%
17	9.498	1257	1260	1262	rBV3	26949	28770	1.06%	0.162%
18	9.710	1293	1296	1300	rBV	66654	54422	2.00%	0.307%
19	9.798	1307	1311	1317	rVB	901520	866895	31.92%	4.893%
20	10.122	1359	1366	1370	rBV9	17716	38596	1.42%	0.218%
21	10.210	1377	1381	1383	rBV	87659	68901	2.54%	0.389%
22	10.428	1413	1418	1420	rBV3	33652	43327	1.60%	0.245%
23	10.510	1429	1432	1436	rVB	97550	87490	3.22%	0.494%
24	10.592	1442	1446	1455	rBV	1096329	1060974	39.06%	5.989%
25	10.681	1458	1461	1465	rBV	95102	109958	4.05%	0.621%
26	11.128	1534	1537	1539	rBV	80628	67564	2.49%	0.381%
27	11.157	1539	1542	1545	rVB	35486	33631	1.24%	0.190%
28	11.286	1561	1564	1574	rVB	945406	888577	32.71%	5.016%
29	11.551	1606	1609	1615	rVB	68493	66704	2.46%	0.377%
30	11.804	1648	1652	1656	rBV	71889	85818	3.16%	0.484%
31	11.963	1676	1679	1682	rVB	58680	54191	2.00%	0.306%
32	12.345	1741	1744	1749	rBV	50655	51683	1.90%	0.292%
33	12.586	1782	1785	1788	rBV2	47335	54329	2.00%	0.307%
34	12.869	1829	1833	1836	rBV	2477283	2545694	93.73%	14.369%

LSC Area Percent Report

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-EMH-F

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-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.416	1923	1926	1928	rBV	28204	29365	1.08%	0.166%
36	13.739	1978	1981	1988	rVB	75504	93257	3.43%	0.526%
37	13.939	2012	2015	2027	rVB	626168	648722	23.88%	3.662%
38	14.516	2111	2113	2121	rVB8	20042	34215	1.26%	0.193%
39	14.980	2189	2192	2195	rVB3	29708	29494	1.09%	0.166%
40	15.339	2250	2253	2259	rVB5	24194	30747	1.13%	0.174%
41	15.398	2259	2263	2271	rBV	290844	429997	15.83%	2.427%
42	15.751	2319	2323	2328	rVB6	19283	29956	1.10%	0.169%
43	16.221	2400	2403	2414	rVB7	14884	35657	1.31%	0.201%
44	16.780	2494	2498	2505	rVB7	12851	28851	1.06%	0.163%

Sum of corrected areas: 17716426

LSC Report - Integrated Chromatogram

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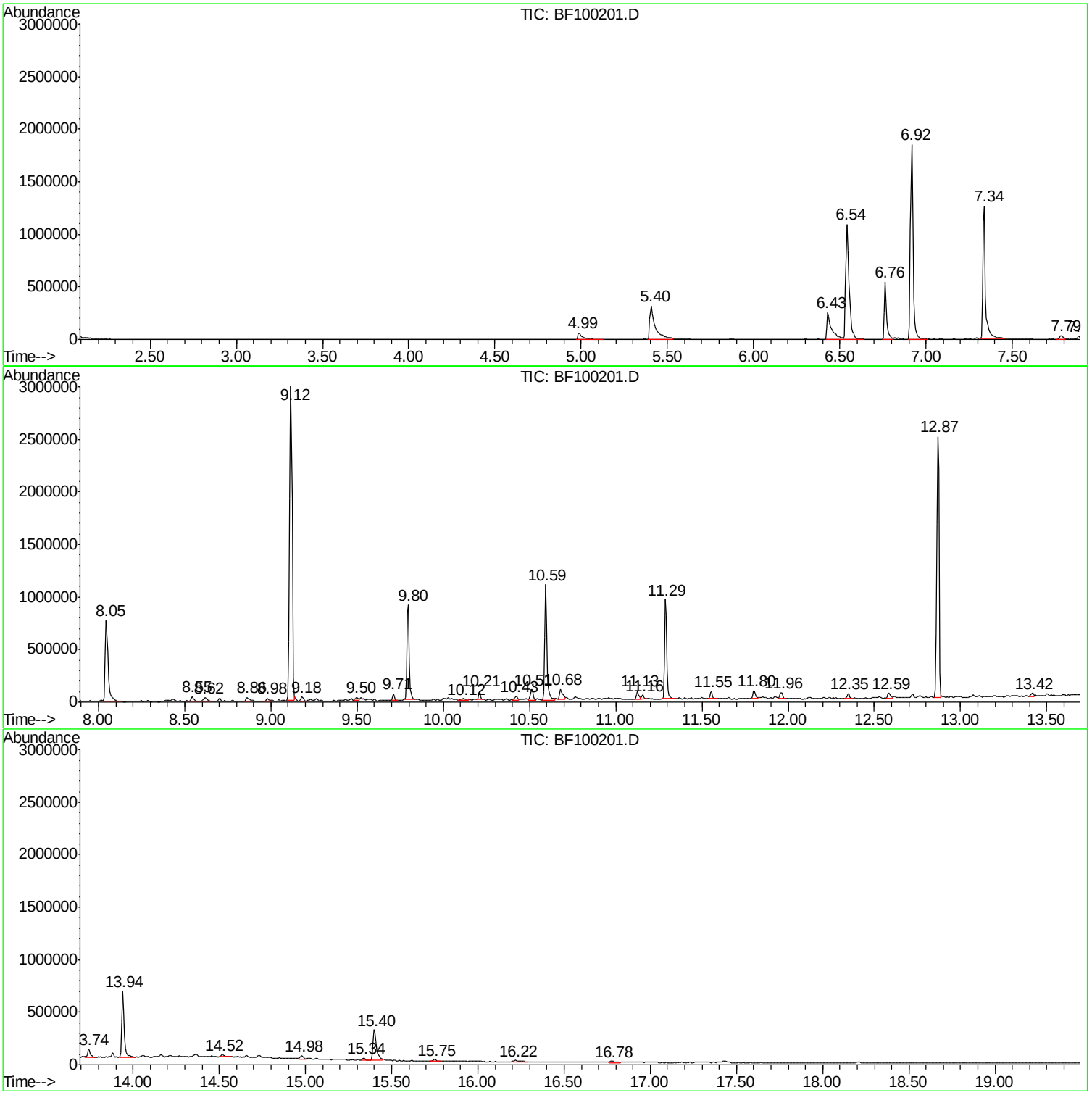
Acq On : 5 Nov 2017 1:59
Operator : SJ/JU
Sample : I6329-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-EMH-F

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100201.D
Acq On : 5 Nov 2017 1:59
Operator : SJ/JU
Sample : I6329-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-EMH-F

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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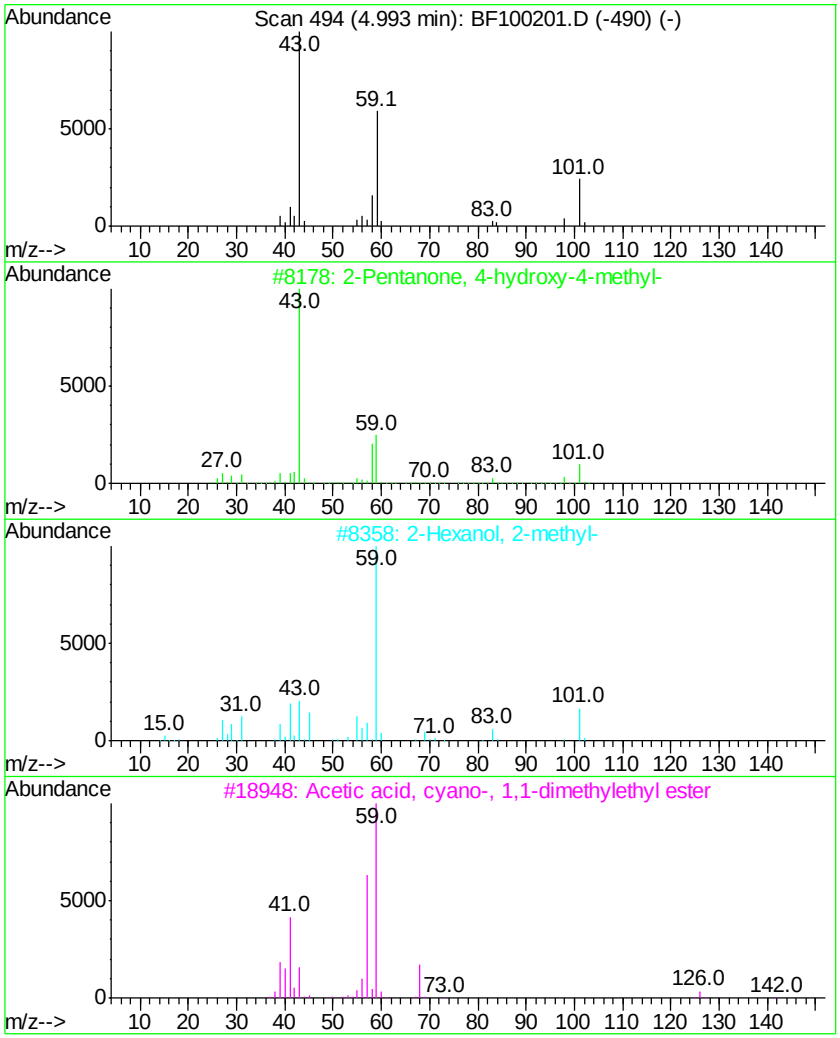
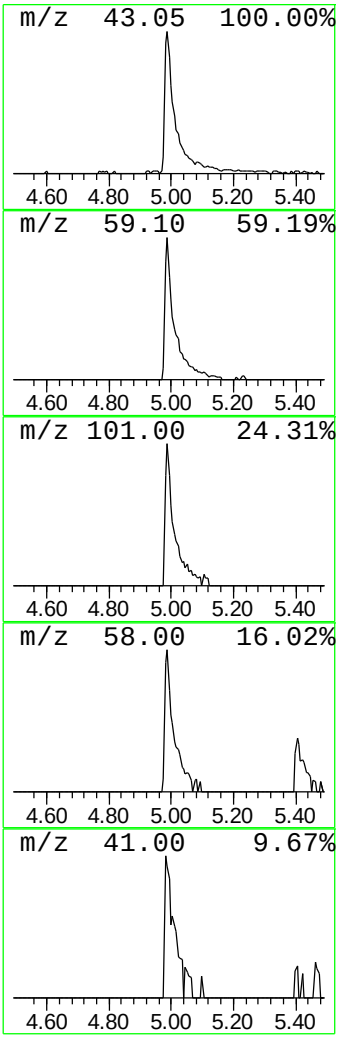
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	4.78 ng	126669	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	37
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

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Data File : BF100201.D
Acq On : 5 Nov 2017 1:59
Operator : SJ/JU
Sample : I6329-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-EMH-F

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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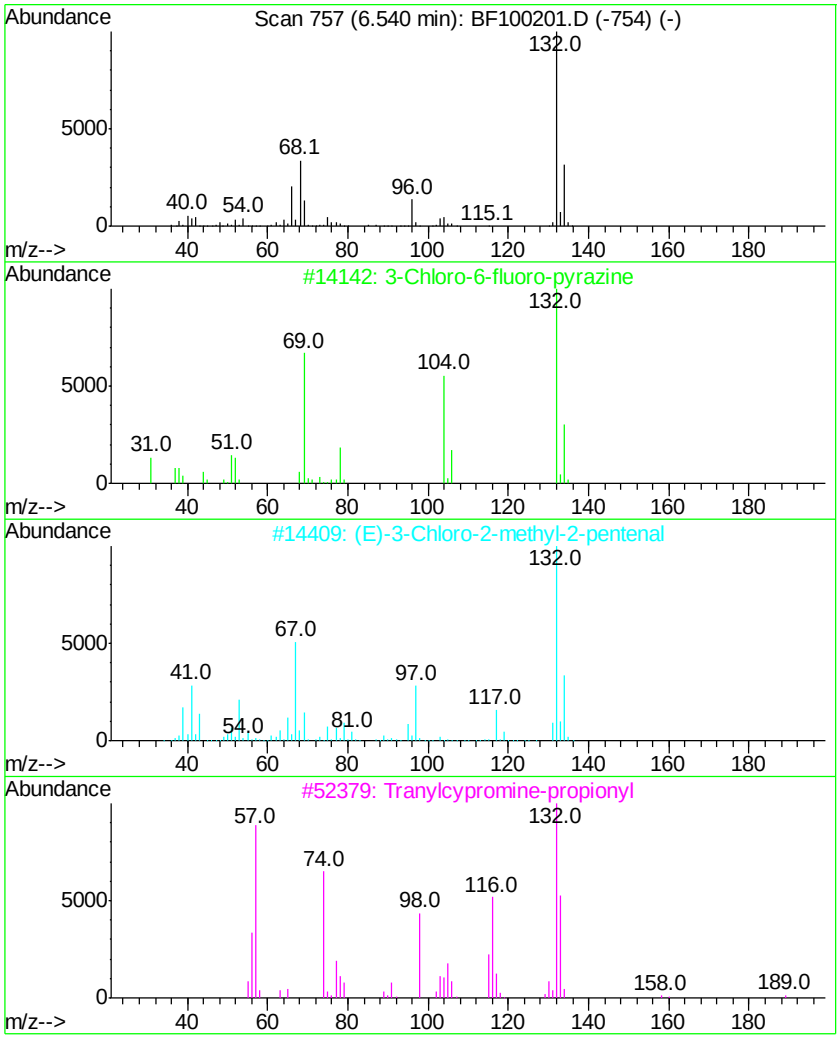
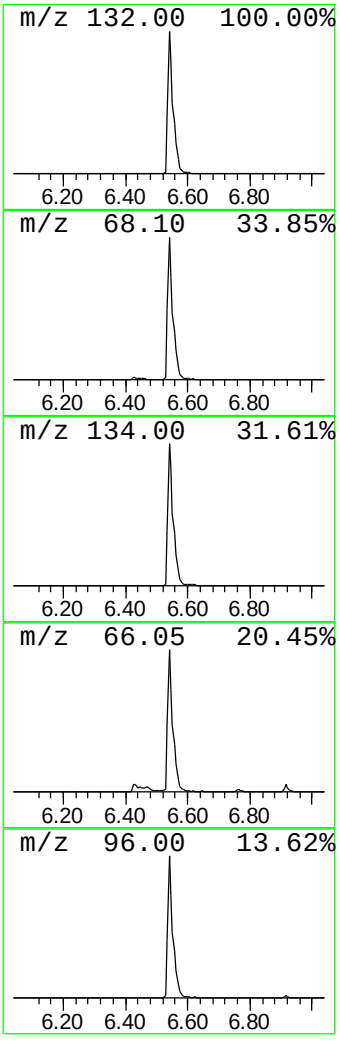
Peak Number 2 unknown6.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	52.14 ng	1380280	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Operator : SJ/JU
Sample : I6329-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-EMH-F

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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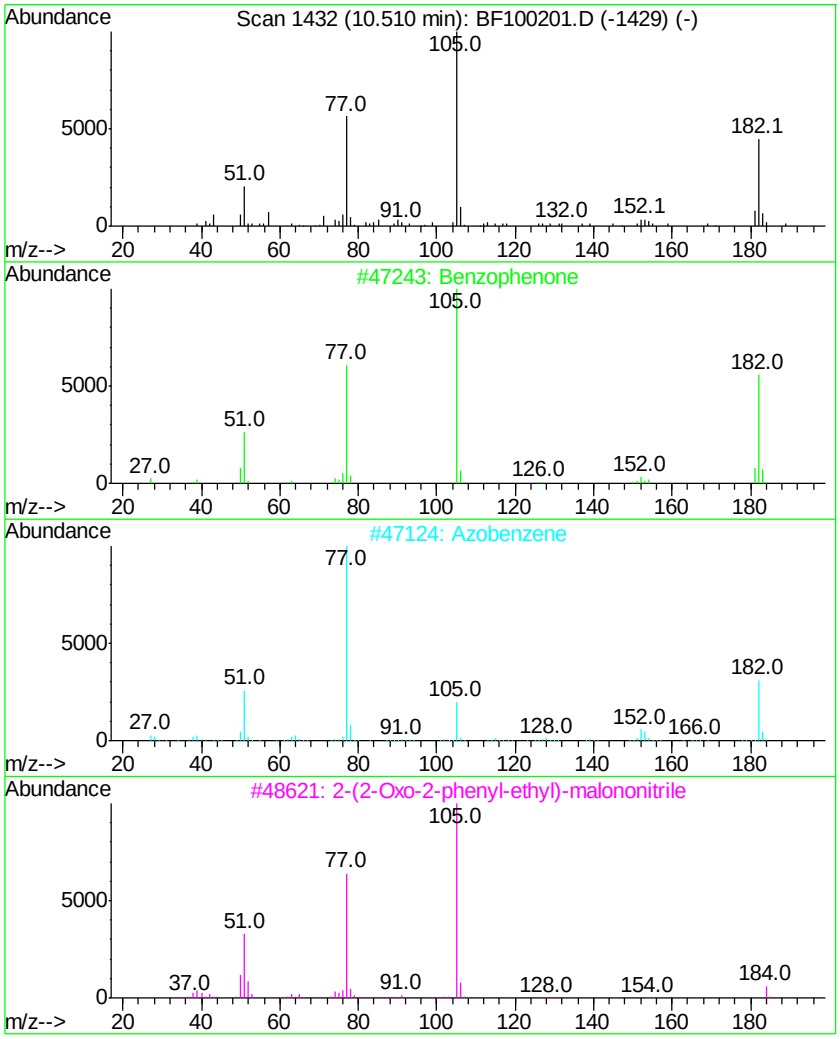
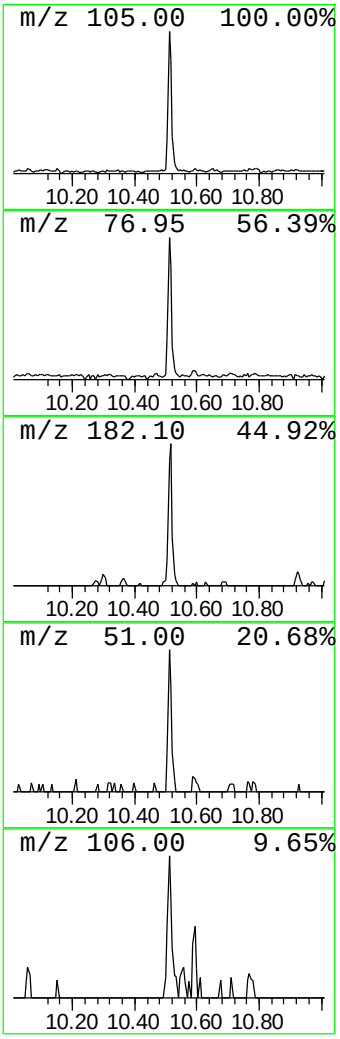
Peak Number 4 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	2.02 ng	87490	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	53
4	Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
5	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	49





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
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Operator : SJ/JU
Sample : I6329-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-EMH-F

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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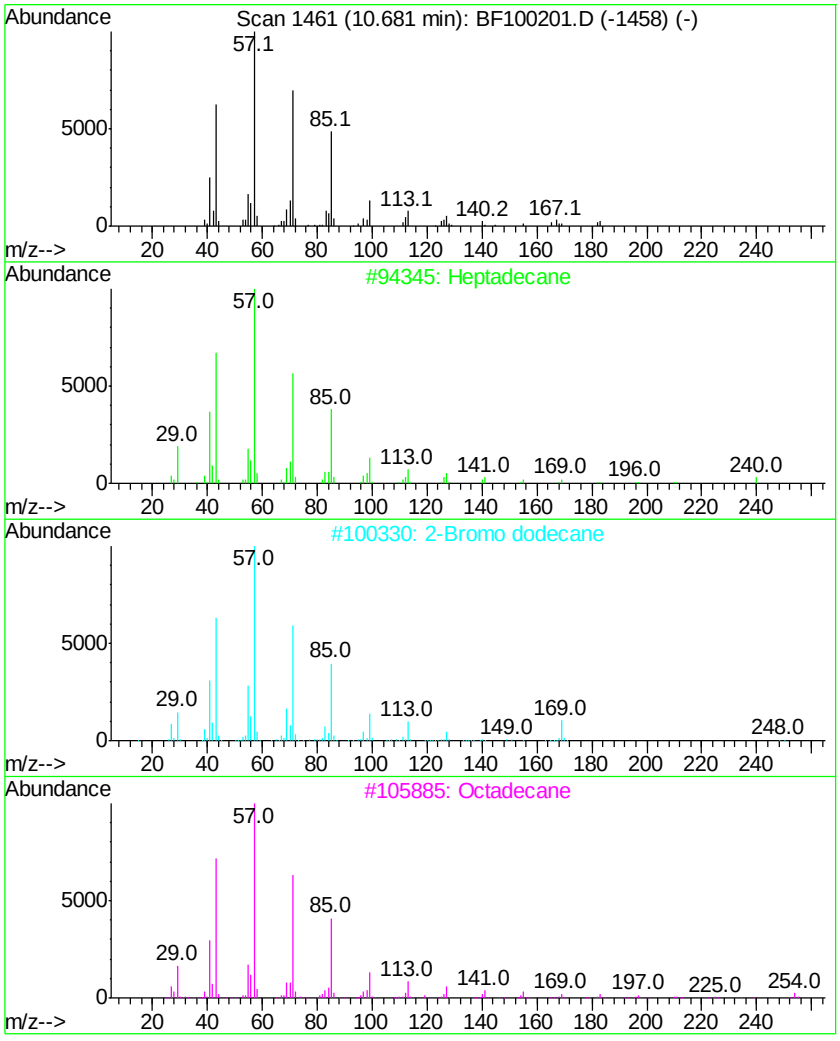
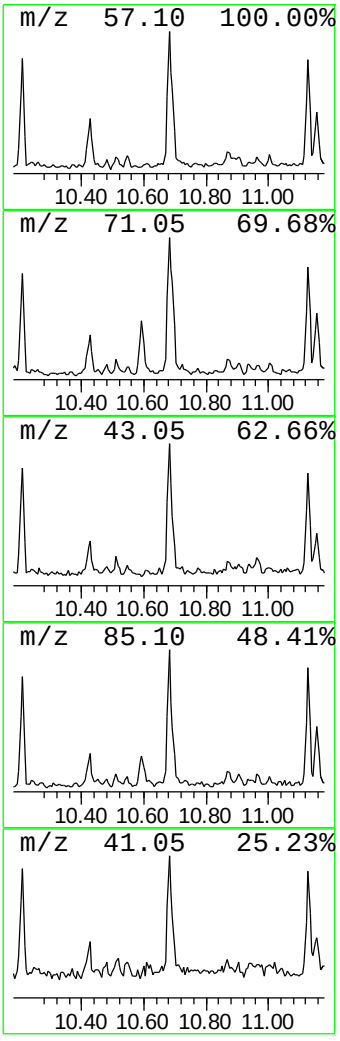
Peak Number 5 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	2.47 ng	109958	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Octadecane	254	C18H38	000593-45-3	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-EMH-F

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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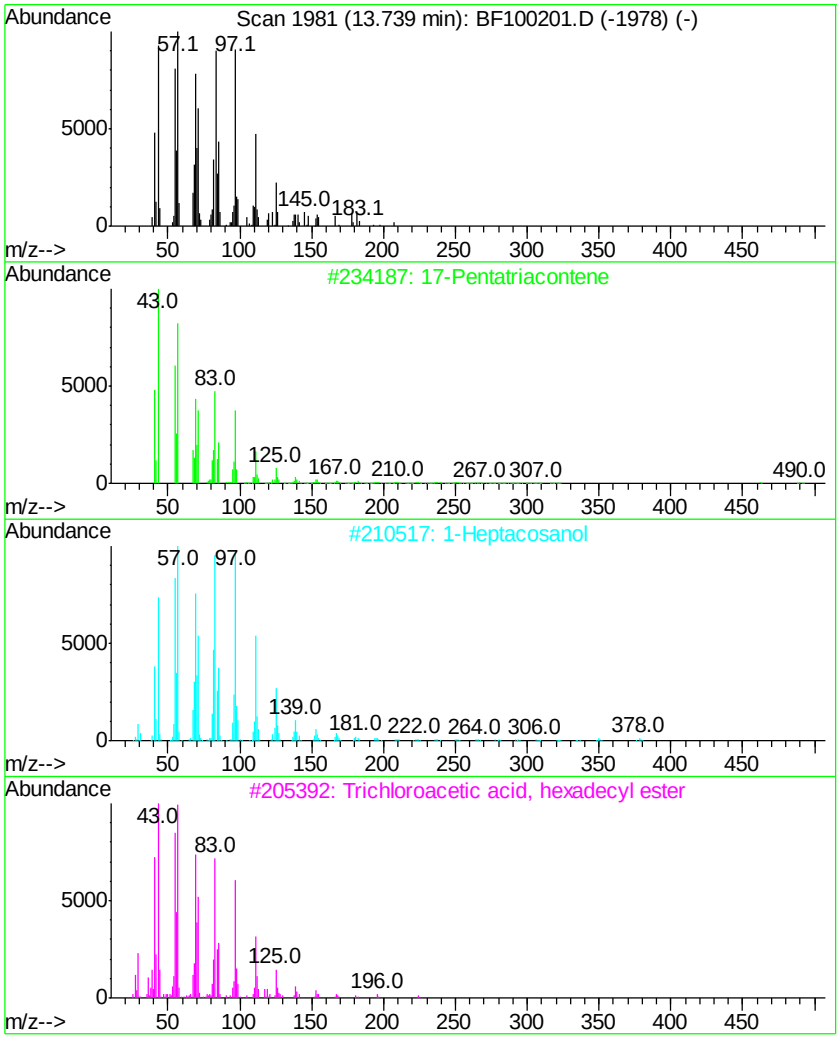
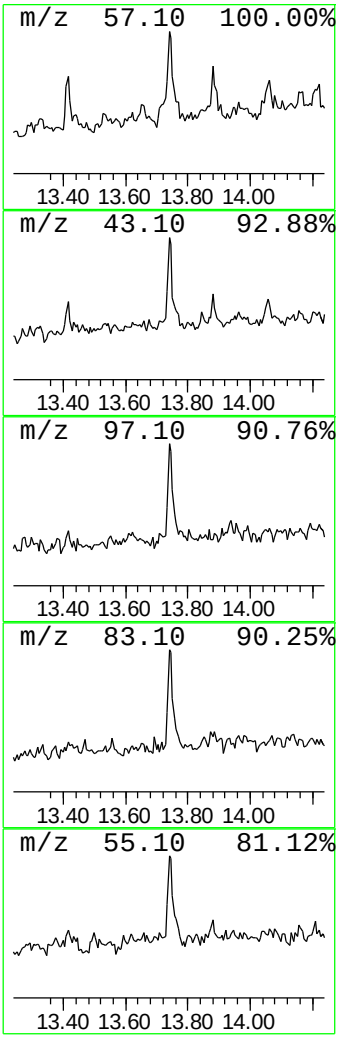
Peak Number 6 17-Pentatriacontene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	2.88 ng	93257	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	1-Heptacosanol	396	C27H56O	002004-39-9	90
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	74
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	74
5	Triacontyl acetate	480	C32H64O2	041755-58-2	72





Tentatively Identified Compound (LSC) summary

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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...	4.99	4.8	ng	126669	1	6.76	529462	20.0
unknown6.54	6.54	52.1	ng	1380280	1	6.76	529462	20.0
Benzophenone	10.51	2.0	ng	87490	3	9.80	866895	20.0
Heptadecane	10.68	2.5	ng	109958	4	11.29	888577	20.0
17-Pentatriacontene	13.74	2.9	ng	93257	5	13.94	648722	20.0