LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089101.D
Acq On : 19 Jul 2016 00:40
Operator : UM/SJ
Sample : H4045-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : H10-B4(6-12)C

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-BF063016.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	1.633	3	4	13	rVB	178090	275719	12.90%	1.892%
2	1.747	13	14	45	rVB	1119141	2137979	100.00%	14.667%
3	4.787	278	280	288	rVB	65704	107402	5.02%	0.737%
4	5.244	317	320	322	rBV	1380204	1594311	74.57%	10.938%
5	6.307	409	413	415	rBV	1423735	1676467	78.41%	11.501%
6	6.422	420	423	425	rBV	1127461	1587728	74.26%	10.892%
7	6.639	440	442	444	rBB	340334	301253	14.09%	2.067%
8	6.799	454	456	458	rBV	1274823	1121077	52.44%	7.691%
9	7.210	489	492	495	rBV	804514	820691	38.39%	5.630%
10	7.930	552	555	557	rBV	433643	383778	17.95%	2.633%
11	9.005	646	649	652	rBV	1287266	1321665	61.82%	9.067%
12	9.405	682	684	686	rVB	292589	236909	11.08%	1.625%
13	9.679	705	708	710	rBV	336199	339819	15.89%	2.331%
14	10.468	774	777	779	rBV2	481214	676226	31.63%	4.639%
15	10.594	786	788	793	rBV	23588	25987	1.22%	0.178%
16	11.154	834	837	838	rVV	299736	305070	14.27%	2.093%
17	12.354	940	942	944	rBV	47509	38836	1.82%	0.266%
18	12.582	959	962	964	rBV	35837	48269	2.26%	0.331%
19	12.731	973	975	978	rVB	809839	924229	43.23%	6.341%
20	13.645	1052	1055	1057	rBV	28412	35422	1.66%	0.243%
21	13.771	1064	1066	1072	rBV	307173	321382	15.03%	2.205%
22	14.628	1139	1141	1142	rBV	23672	33983	1.59%	0.233%
23	14.765	1151	1153	1156	rBV	16049	28918	1.35%	0.198%
24	15.017	1173	1175	1178	rBV2	19844	27874	1.30%	0.191%
25	15.131	1183	1185	1188	rBV	173129	205403	9.61%	1.409%

Sum of corrected areas: 14576397

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BNA_F
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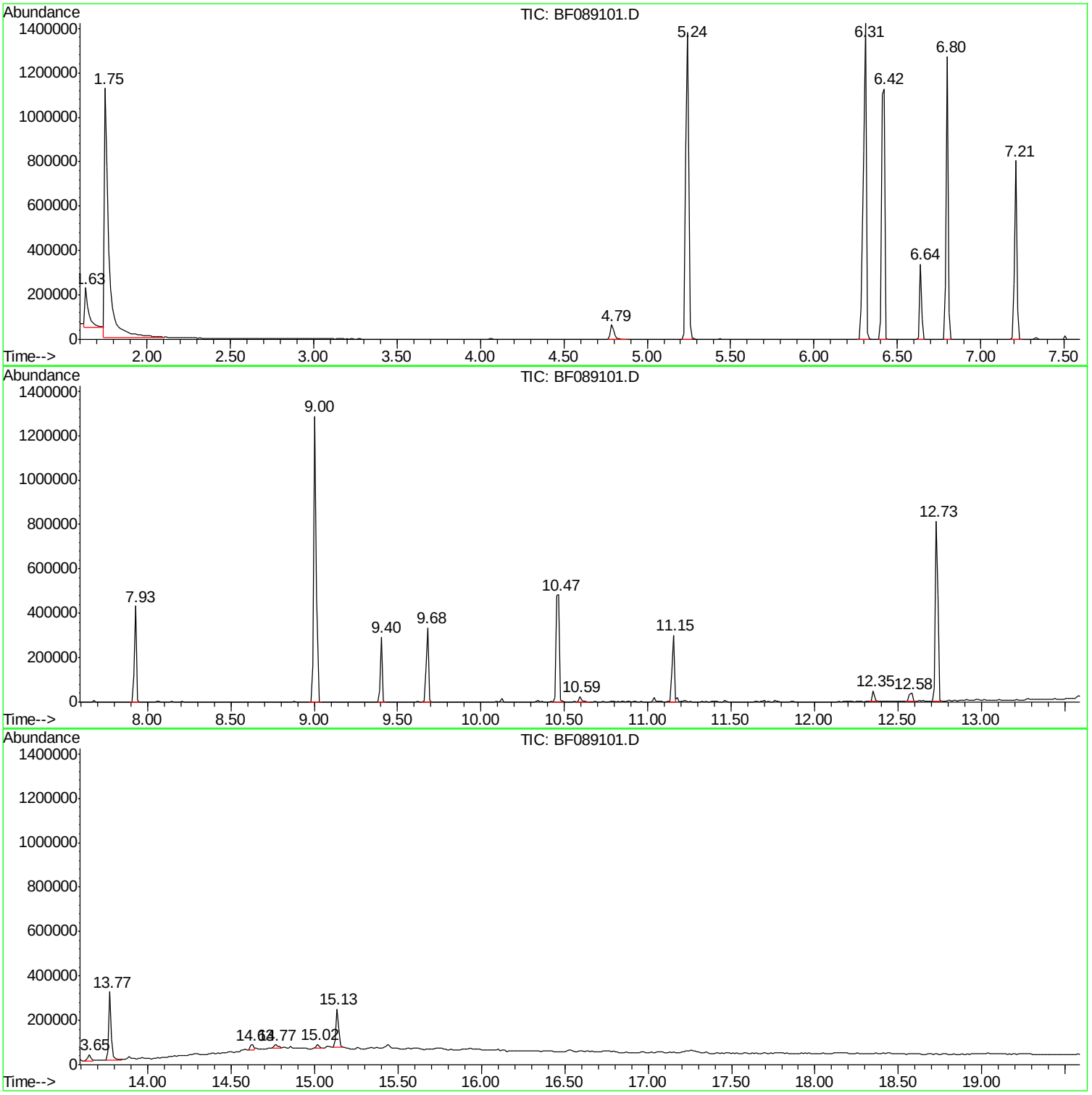
H10-B4(6-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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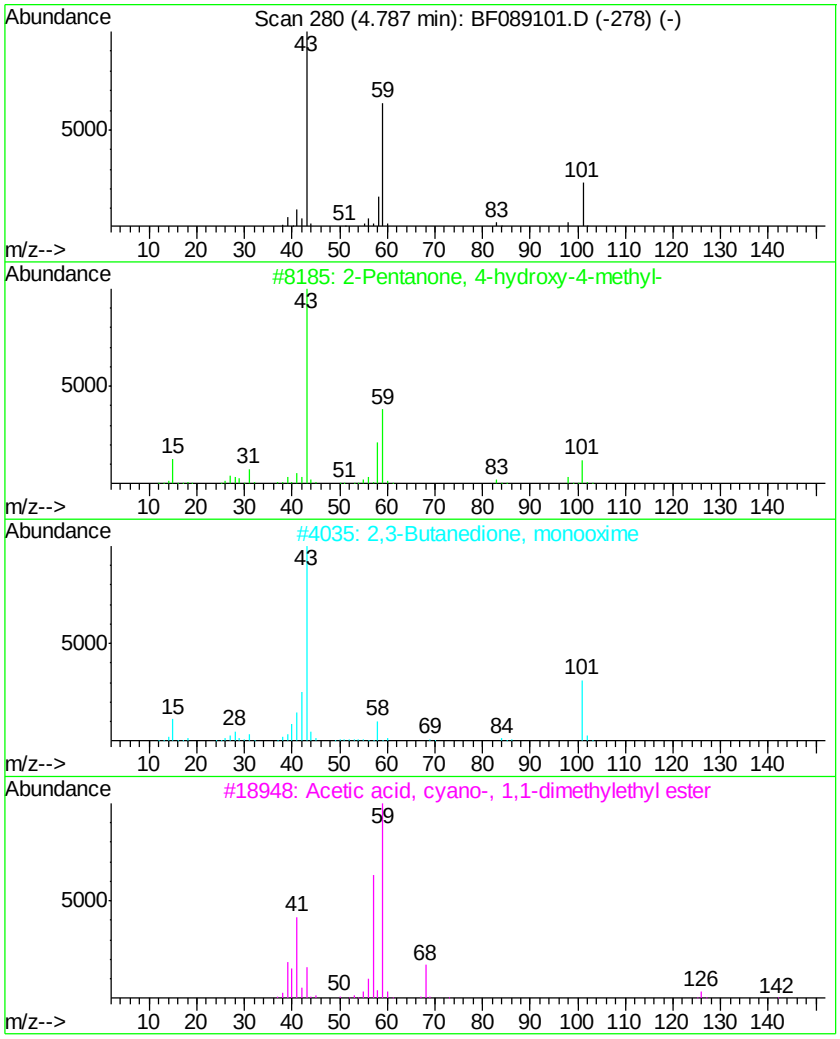
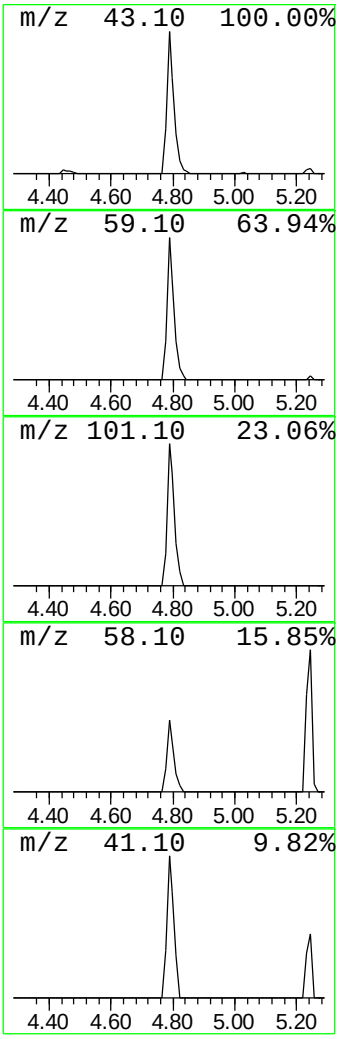
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	7.13 ng	107402	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Acetone	58	C3H6O	000067-64-1	10
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Sample : H4045-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : H10-B4(6-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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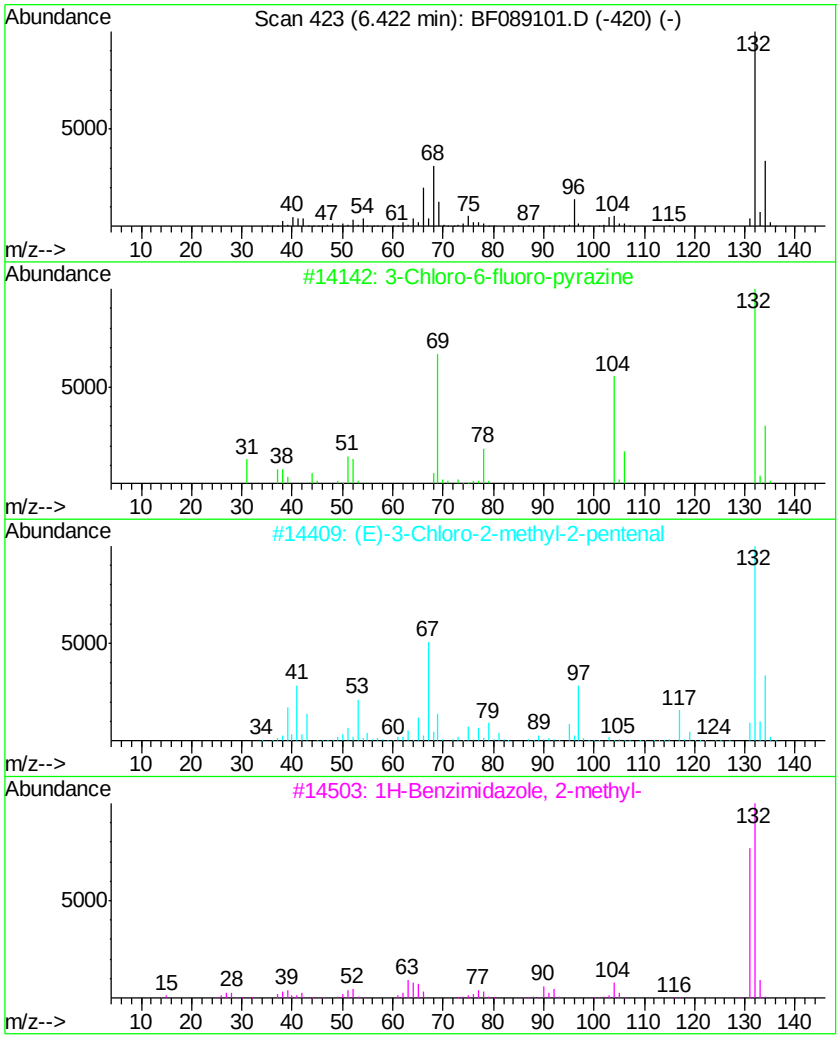
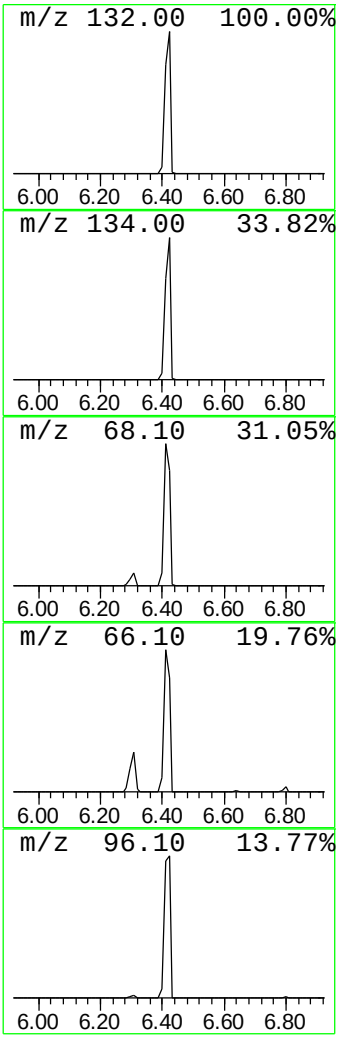
Peak Number 4 unknown6.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	105.41 ng	1587730	1,4-Dichlorobenzene-d4	6.64

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	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089101.D
Acq On : 19 Jul 2016 00:40
Operator : UM/SJ
Sample : H4045-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : H10-B4(6-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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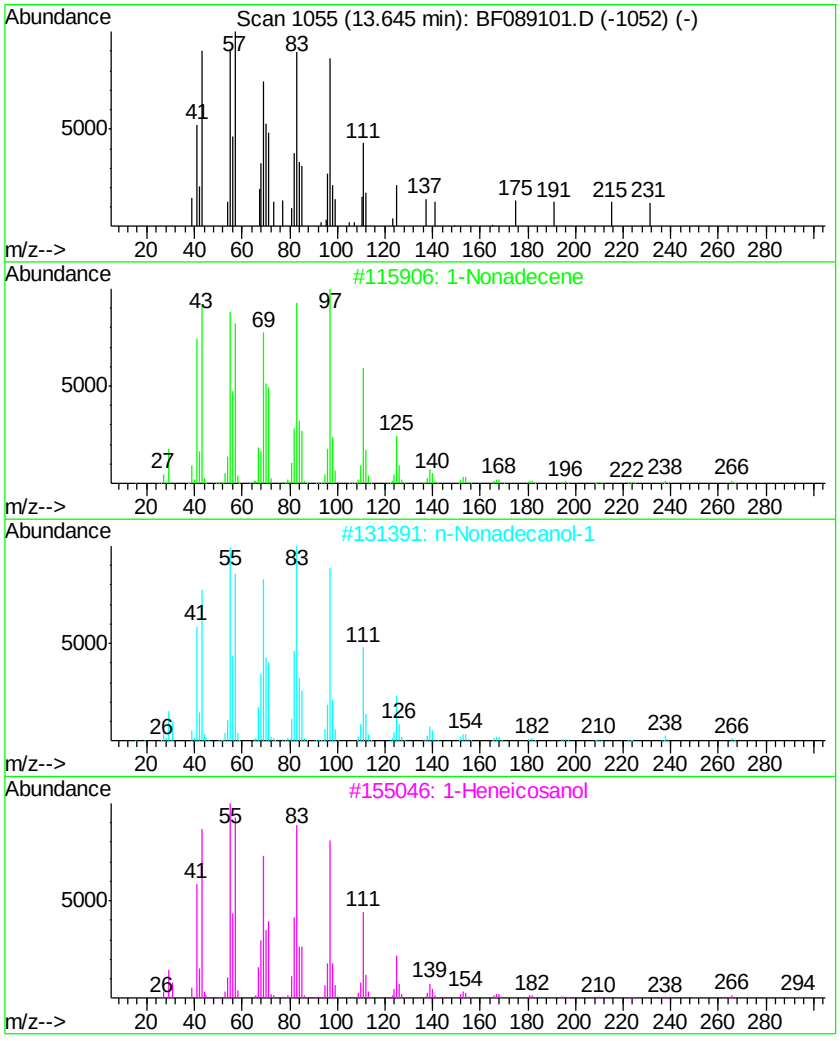
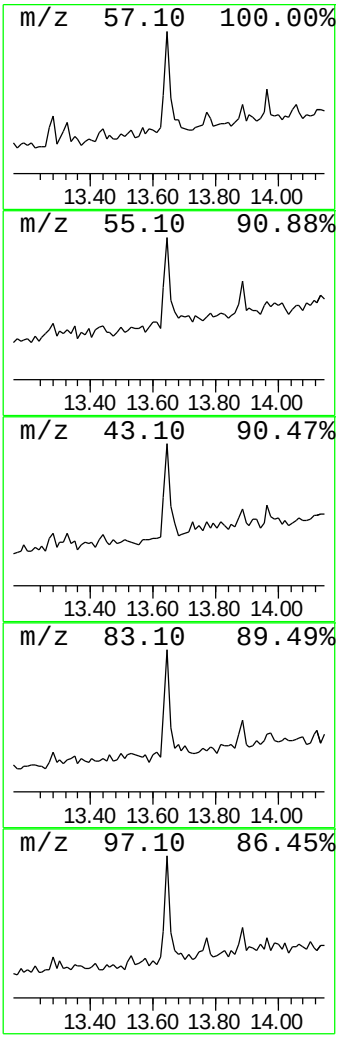
Peak Number 7 1-Nonadecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.20 ng	35422	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





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ClientSampleId : H10-B4(6-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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TIC Library : C:\Database\NIST11.L
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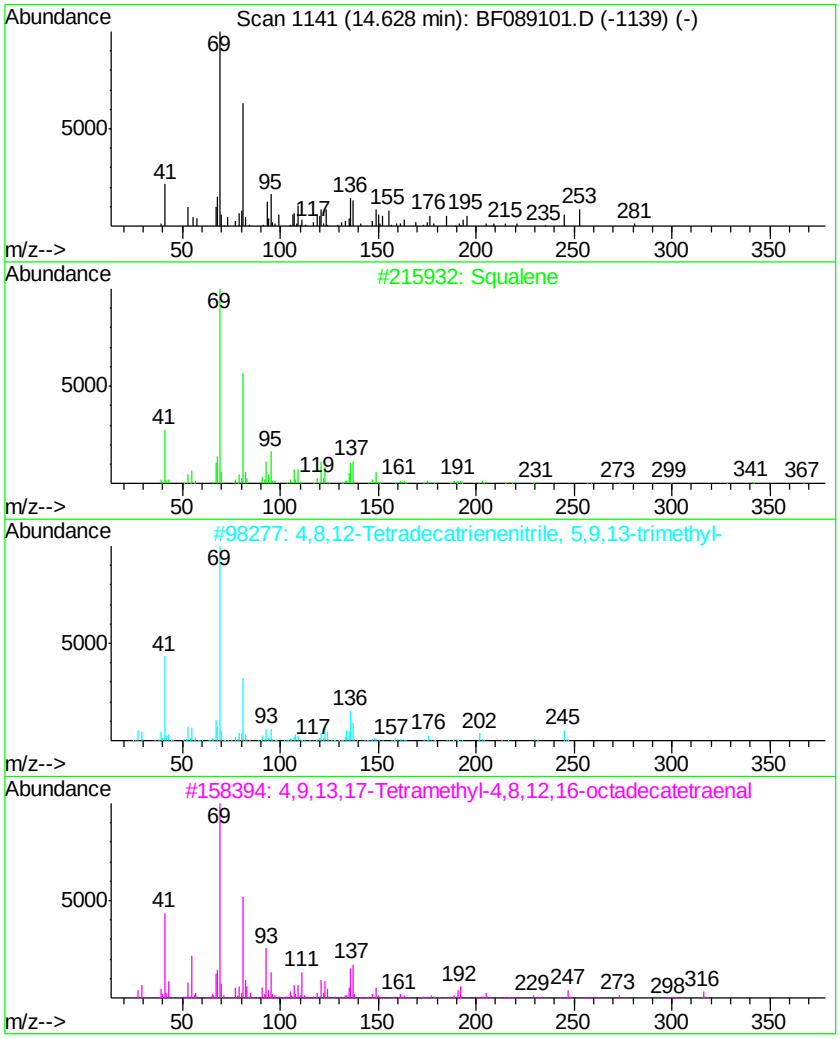
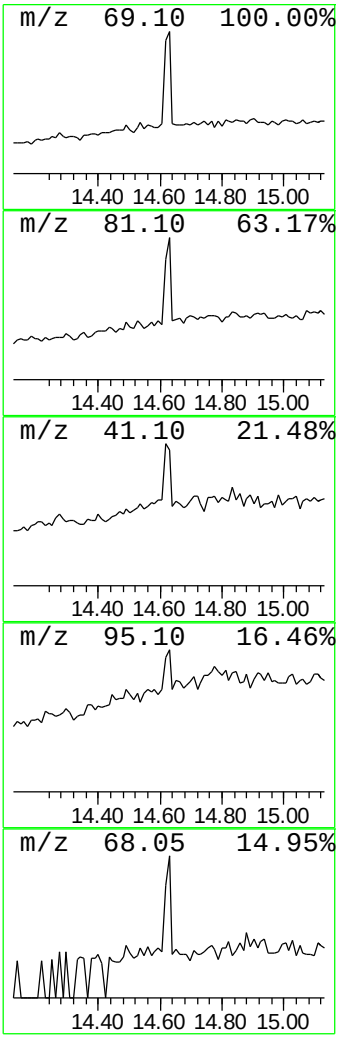
Peak Number 8 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	3.31 ng	33983	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	83
2	4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	76
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	72
4	Supraene	410	C30H50	007683-64-9	64
5	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	59





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Instrument : BNA_F
ClientSampleId : H10-B4(6-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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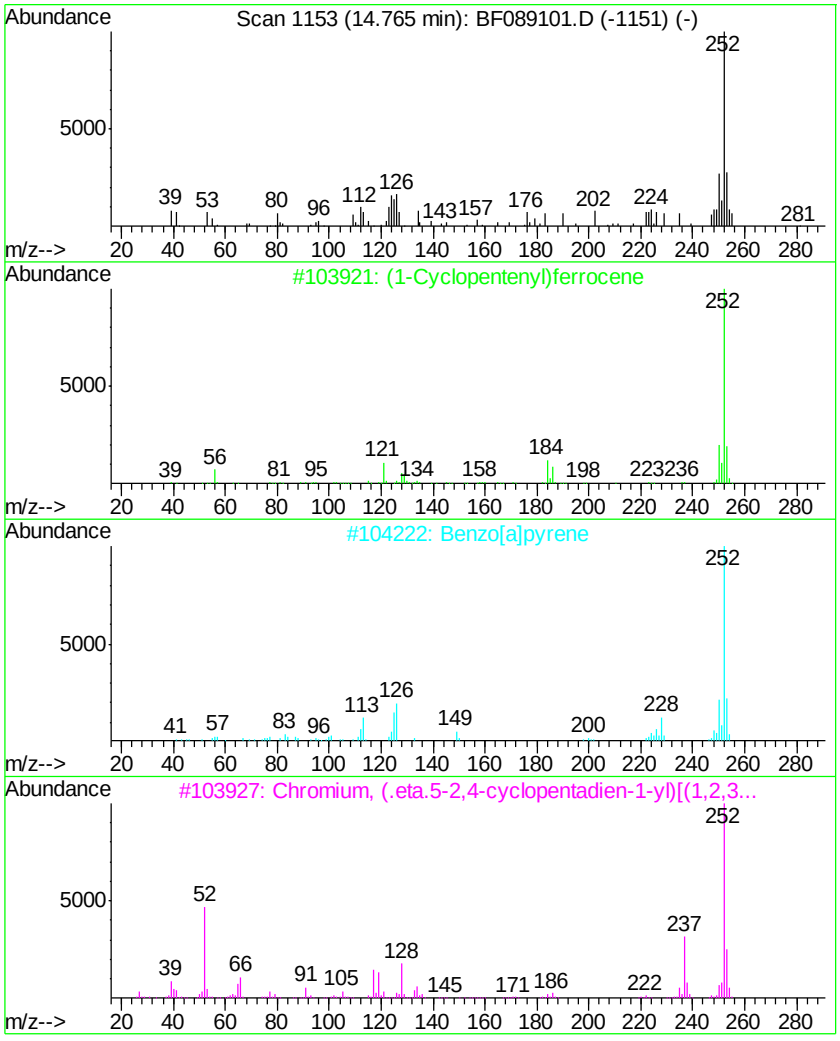
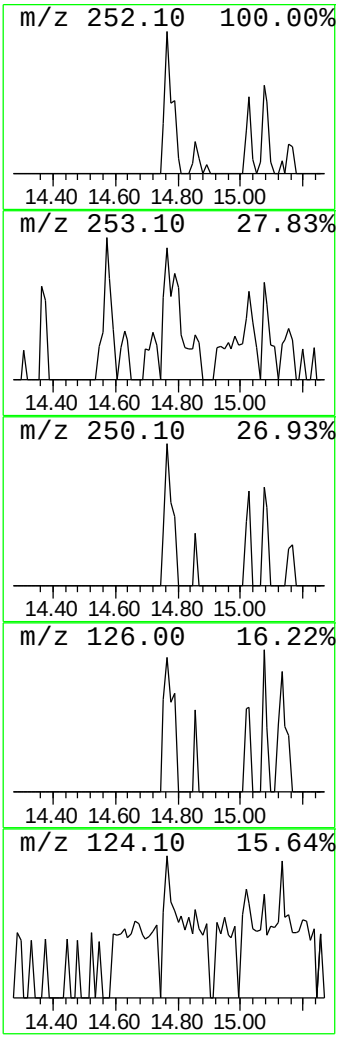
Peak Number 9 (1-Cyclopentenyl)ferrocene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.82 ng	28918	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	72
2	Benzo[a]pyrene	252	C20H12	000050-32-8	72
3	Chromium, (.eta.5-2,4-cyclopenta...	252	C15H20Cr	135162-31-1	72
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	68
5	Benzo[e]pyrene	252	C20H12	000192-97-2	64





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Instrument : BNA_F
ClientSampleId : H10-B4(6-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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TIC Library : C:\Database\NIST11.L
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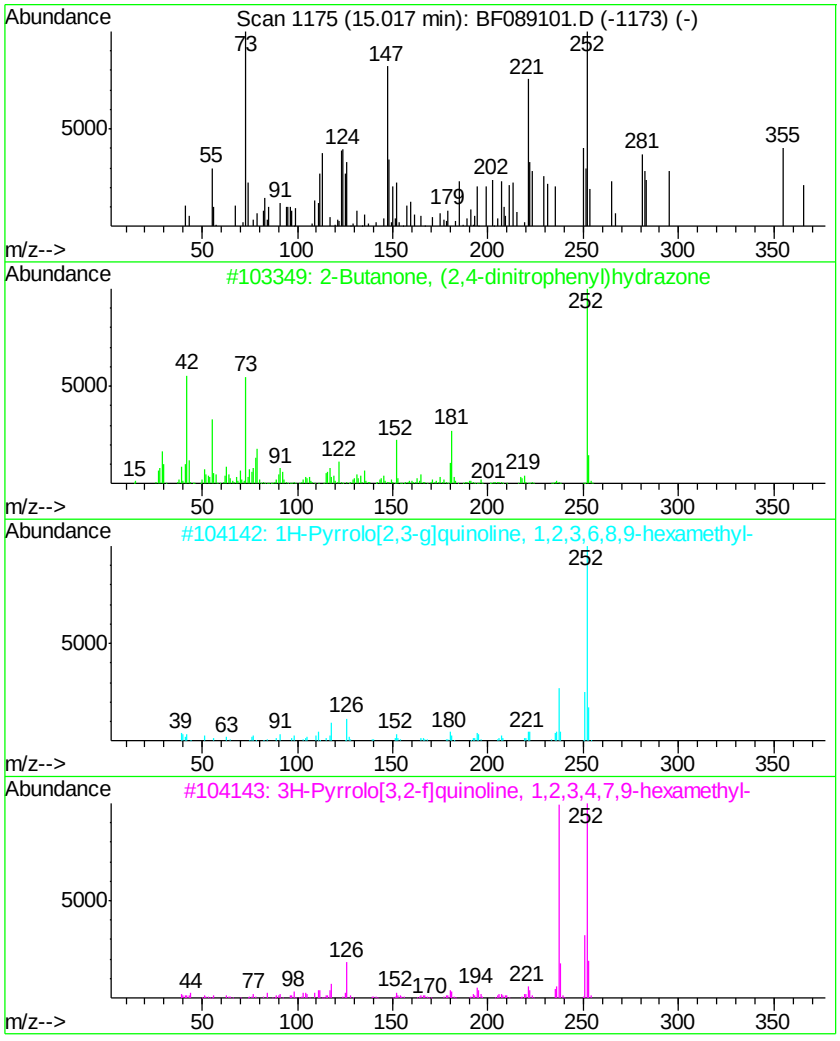
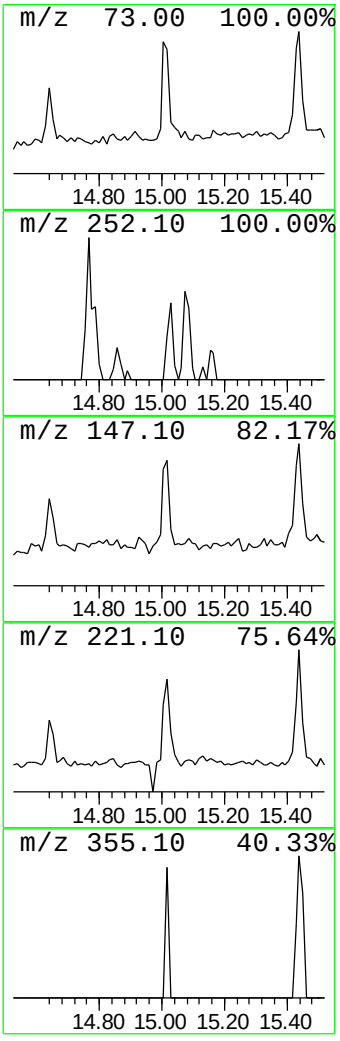
Peak Number 10 unknown15.02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	2.71 ng	27874	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, (2,4-dinitrophenyl)h...	252	C10H12N4O4	000958-60-1	11
2	1H-Pyrrolo[2,3-g]quinoline, 1,2,...	252	C17H20N2	1000338-03-4	11
3	3H-Pyrrolo[3,2-f]quinoline, 1,2,...	252	C17H20N2	1000338-03-5	11
4	2-[3-Methoxyphenyl]-4H-1-benzopy...	252	C16H12O3	053906-83-5	10
5	1-Phenyl-3-(4-methoxyphenyl)-2-p...	252	C16H16N2O	003314-43-0	10





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.79	7.1	ng	107402	1	6.64	301253	20.0
unknown6.42	6.42	105.4	ng	1587730	1	6.64	301253	20.0
1-Nonadecene	13.65	2.2	ng	35422	5	13.77	321382	20.0
Squalene	14.63	3.3	ng	33983	6	15.13	205403	20.0
(1-Cyclopentenyl)...	14.77	2.8	ng	28918	6	15.13	205403	20.0
unknown15.02	15.02	2.7	ng	27874	6	15.13	205403	20.0