LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081024.D
Acq On : 18 Aug 2015 2:10
Operator : UM/IZ
Sample : G3252-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-017-B

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-BF081715.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	4.021	176	178	184	rBV	66809	96075	3.67%	0.393%
2	4.764	239	243	255	rBV	1071366	2148078	82.01%	8.794%
3	5.210	278	282	284	rBV	2165767	2488902	95.03%	10.189%
4	5.622	316	318	321	rBV	88576	80058	3.06%	0.328%
5	6.273	372	375	378	rVB	1827646	2462000	94.00%	10.079%
6	6.399	383	386	388	rBV	2170791	2619135	100.00%	10.722%
7	6.627	404	406	408	rBV	566517	496189	18.94%	2.031%
8	6.787	417	420	422	rBV	1625193	1808526	69.05%	7.404%
9	7.199	453	456	458	rBV	1599678	1674579	63.94%	6.855%
10	7.908	516	518	521	rBV	589277	589684	22.51%	2.414%
11	8.993	610	613	615	rBV	2379499	2141545	81.77%	8.767%
12	9.393	645	648	650	rVB	307451	344186	13.14%	1.409%
13	9.656	669	671	673	rBV	697315	629646	24.04%	2.578%
14	10.113	709	711	712	rVB	42495	42945	1.64%	0.176%
15	10.445	737	740	742	rVB	1434127	1458750	55.70%	5.972%
16	10.582	750	752	755	rBV	59838	75708	2.89%	0.310%
17	11.028	786	791	792	rBV	50475	58806	2.25%	0.241%
18	11.131	797	800	801	rVV	746191	647040	24.70%	2.649%
19	11.154	801	802	804	rVB	64632	45796	1.75%	0.187%
20	11.679	847	848	852	rBV	38600	52297	2.00%	0.214%
21	11.736	852	853	859	rVB2	20910	26526	1.01%	0.109%
22	11.839	859	862	868	rBV4	10885	29874	1.14%	0.122%
23	11.931	868	870	875	rVB2	19160	28085	1.07%	0.115%
24	12.331	903	905	907	rBV	134350	111692	4.26%	0.457%
25	12.559	921	925	927	rBV	134755	164806	6.29%	0.675%
26	12.639	927	932	933	rVB3	12222	30811	1.18%	0.126%
27	12.719	936	939	941	rVB	1714856	1636396	62.48%	6.699%
28	12.891	950	954	956	rVB2	18134	30012	1.15%	0.123%
29	12.959	957	960	964	rBV3	17572	52724	2.01%	0.216%
30	13.199	978	981	983	rVB	108659	121956	4.66%	0.499%
31	13.257	985	986	988	rBV2	30440	37490	1.43%	0.153%
32	13.302	988	990	994	rVB2	22726	39384	1.50%	0.161%
33	13.634	1017	1019	1026	rBV	88488	162621	6.21%	0.666%
34	13.748	1026	1029	1035	rVB	549310	609968	23.29%	2.497%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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Acq On : 18 Aug 2015 2:10
Operator : UM/IZ
Sample : G3252-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-017-B

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-BF081715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.942	1044	1046	1050	rBV3	19988	36864	1.41%	0.151%
36	14.137	1058	1063	1064	rBV	19056	48570	1.85%	0.199%
37	14.251	1072	1073	1074	rBV	30698	30390	1.16%	0.124%
38	14.548	1097	1099	1101	rBV2	25826	33793	1.29%	0.138%
39	14.731	1113	1115	1120	rBV	56951	124571	4.76%	0.510%
40	14.834	1122	1124	1126	rVB	32047	42439	1.62%	0.174%
41	14.994	1136	1138	1141	rVB	47696	55800	2.13%	0.228%
42	15.040	1141	1142	1145	rBV	34882	57397	2.19%	0.235%
43	15.108	1145	1148	1150	rBV	289496	436934	16.68%	1.789%
44	15.303	1163	1165	1167	rBV3	16943	30545	1.17%	0.125%
45	15.531	1183	1185	1186	rBV	22295	29947	1.14%	0.123%
46	15.703	1198	1200	1206	rVB3	41927	88259	3.37%	0.361%
47	16.068	1229	1232	1236	rVB2	46936	90986	3.47%	0.372%
48	16.480	1266	1268	1271	rVV3	19654	32949	1.26%	0.135%
49	16.548	1272	1274	1277	rVV3	23201	43740	1.67%	0.179%
50	16.606	1277	1279	1284	rVB4	27187	71144	2.72%	0.291%
51	16.697	1284	1287	1291	rBV	14603	39309	1.50%	0.161%
52	16.971	1309	1311	1318	rVB8	15424	52674	2.01%	0.216%
53	18.537	1446	1448	1455	rVB8	11930	38969	1.49%	0.160%

Sum of corrected areas: 24427570

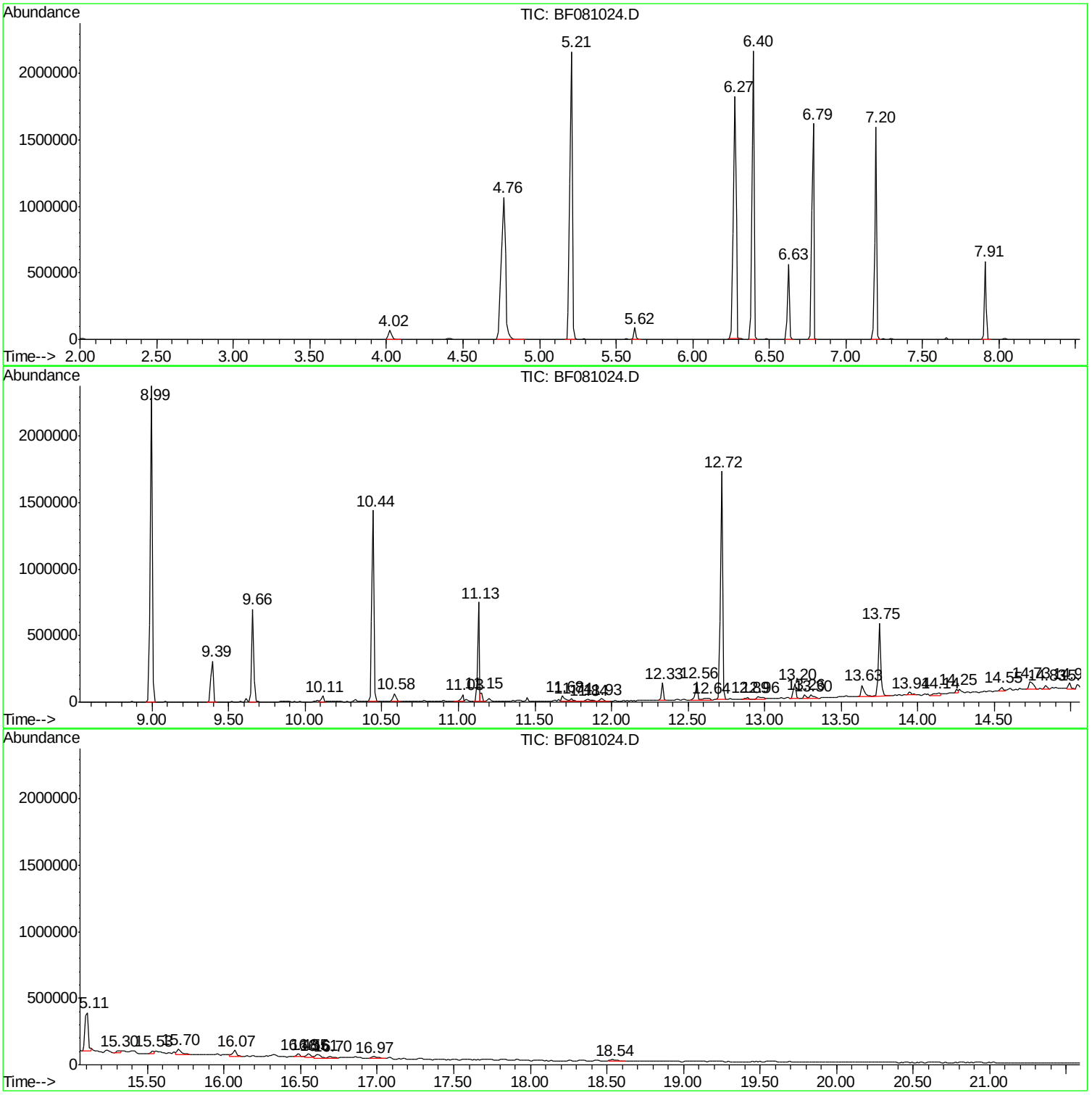
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081024.D
Acq On : 18 Aug 2015 2:10
Operator : UM/IZ
Sample : G3252-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081024.D
Acq On : 18 Aug 2015 2:10
Operator : UM/IZ
Sample : G3252-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-017-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

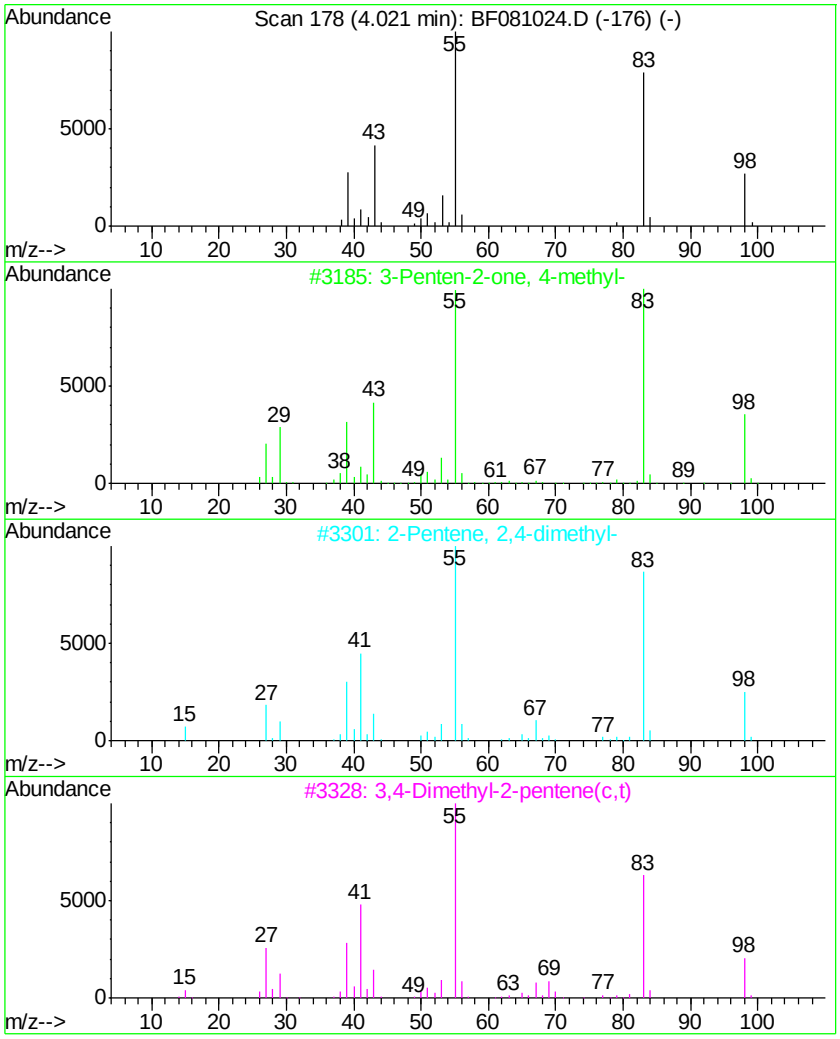
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

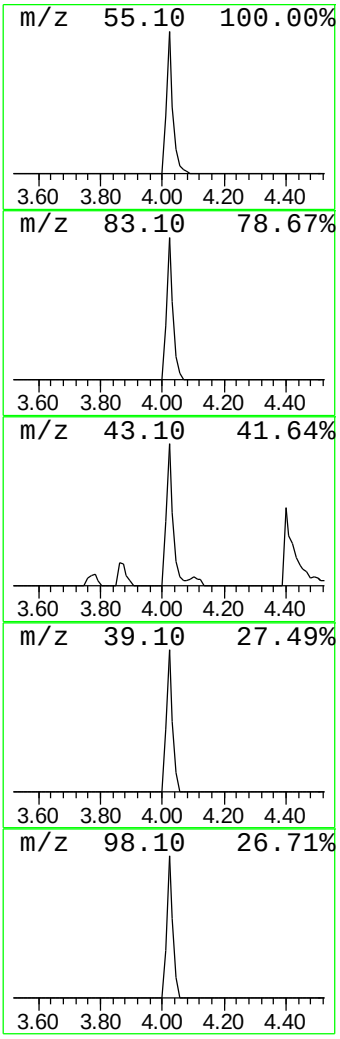
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	3.87 ng	96075	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	87
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
3	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	86
4	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	86
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081024.D
Acq On : 18 Aug 2015 2:10
Operator : UM/IZ
Sample : G3252-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-017-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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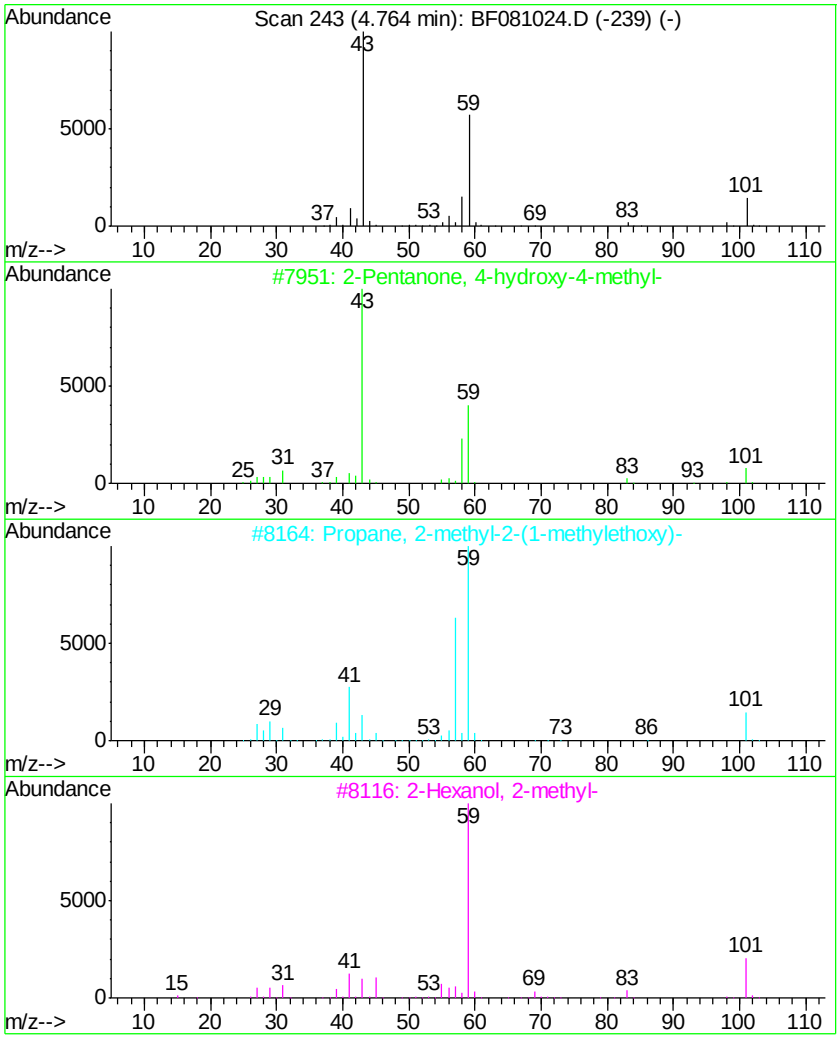
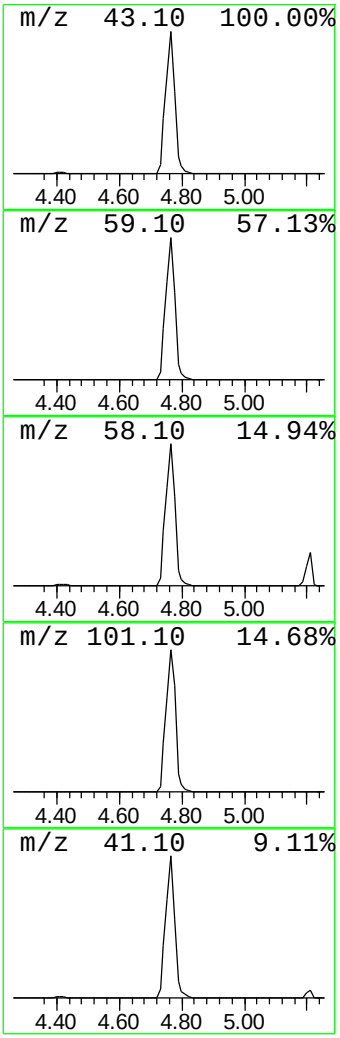
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	86.58 ng	2148080	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081024.D
Acq On : 18 Aug 2015 2:10
Operator : UM/IZ
Sample : G3252-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-017-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

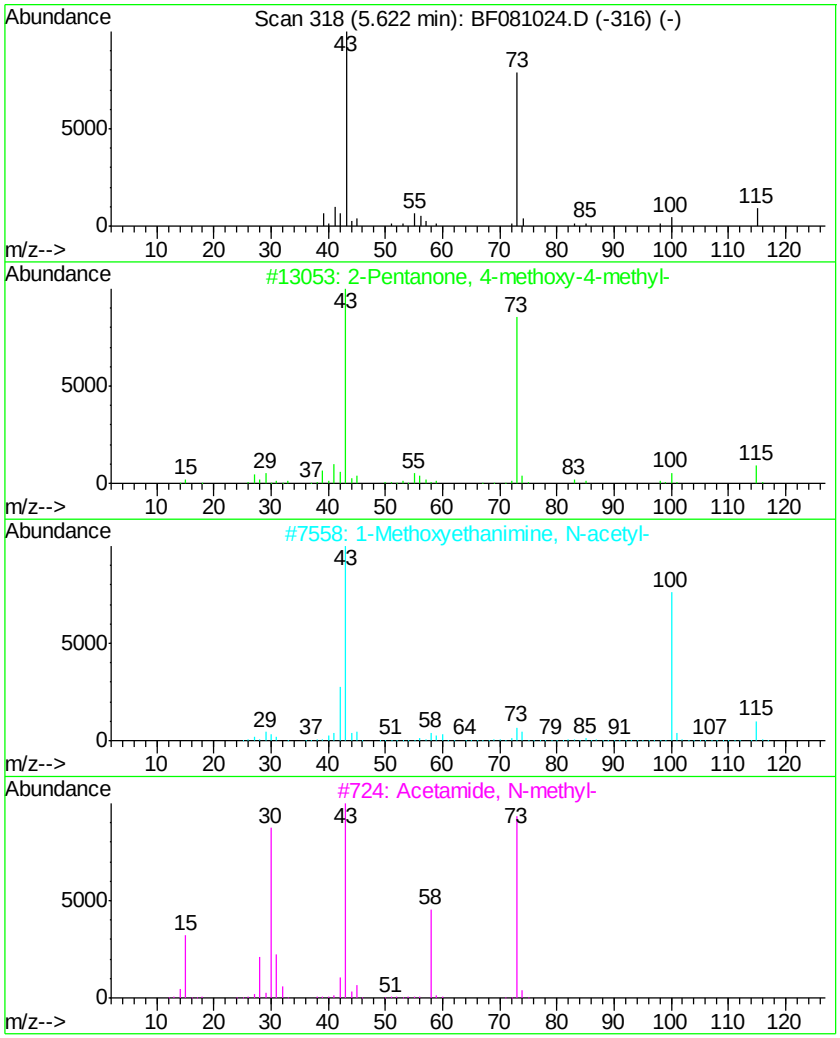
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

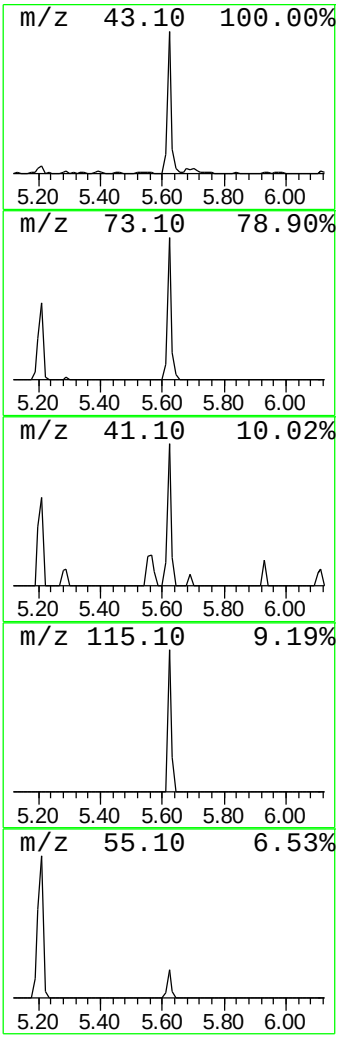
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	3.23 ng	80058	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	47
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	32
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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Acq On : 18 Aug 2015 2:10
Operator : UM/IZ
Sample : G3252-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-017-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

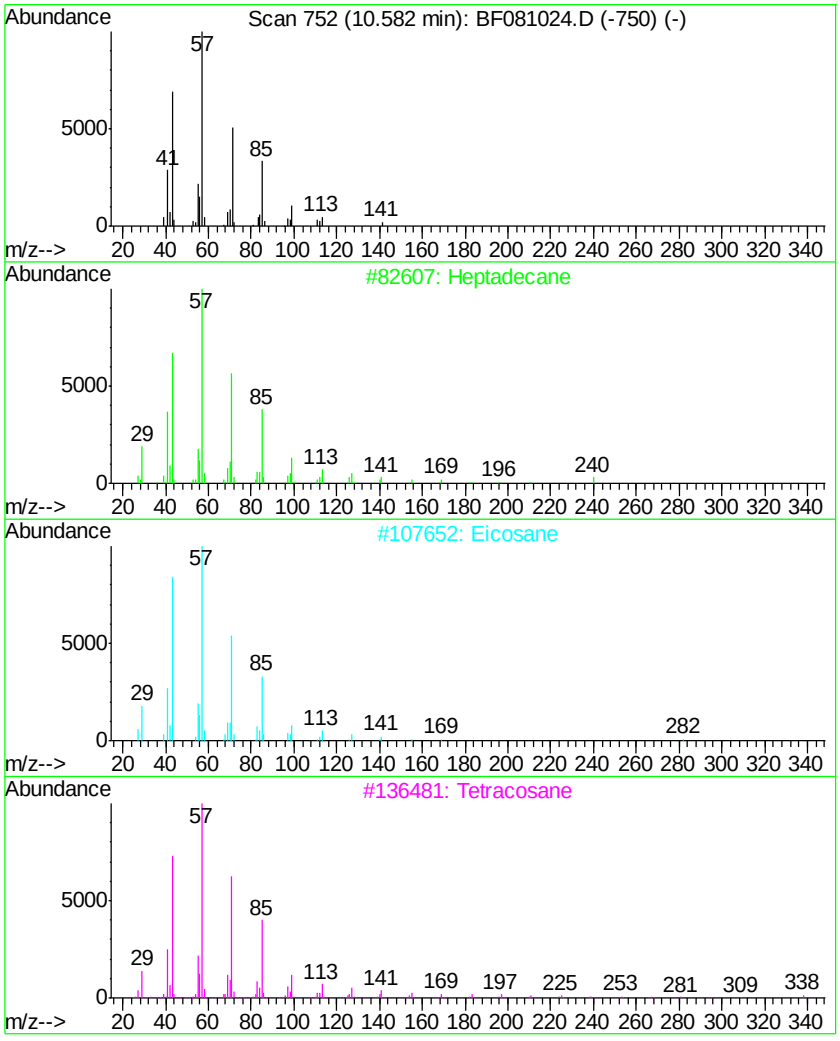
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

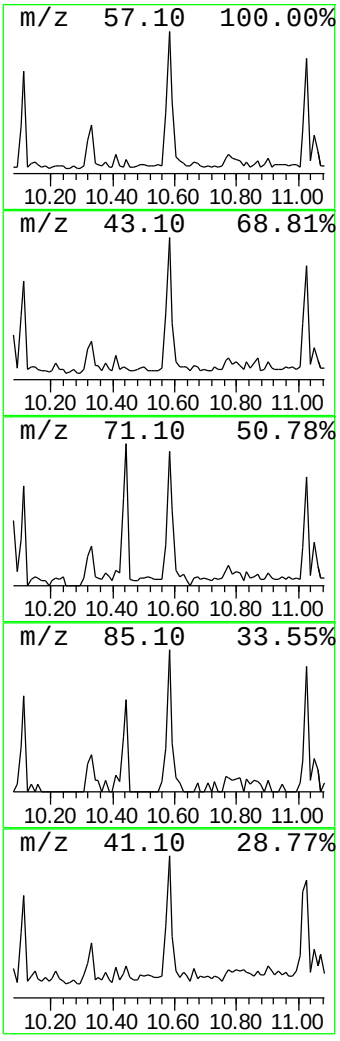
****

Peak Number 6 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	2.34 ng	75708	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Tetracosane	338	C24H50	000646-31-1	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tetradecane	198	C14H30	000629-59-4	80





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Operator : UM/IZ
Sample : G3252-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-017-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

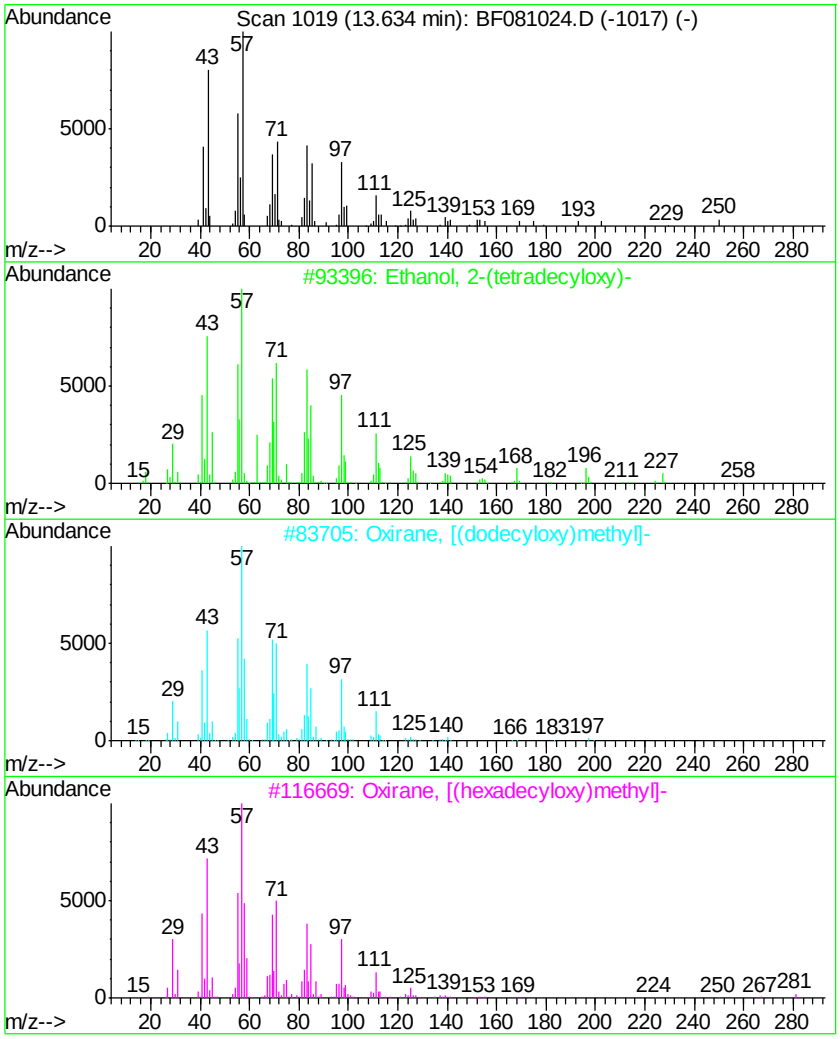
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

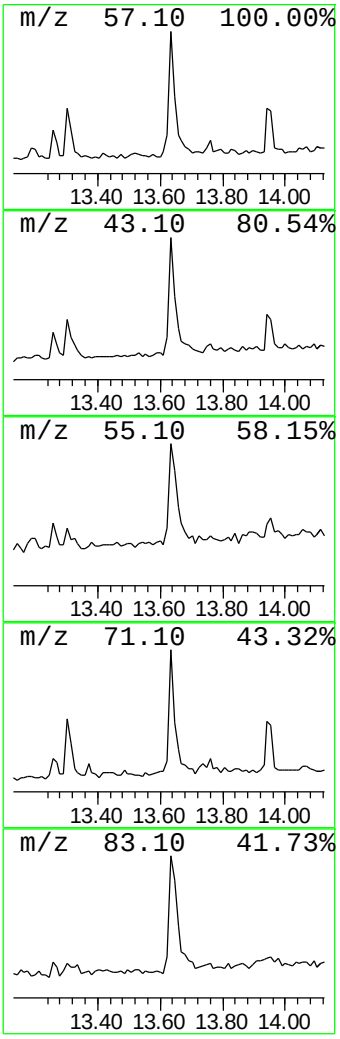
****

Peak Number 7 Ethanol, 2-(tetradecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	5.33 ng	162621	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	90
3	Oxirane, [(hexadecyloxy)methyl]-	298	C19H38O2	015965-99-8	90
4	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	74
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	64





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Sample : G3252-03
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Instrument : BNA_F
ClientSampleId : FK-GF-01-017-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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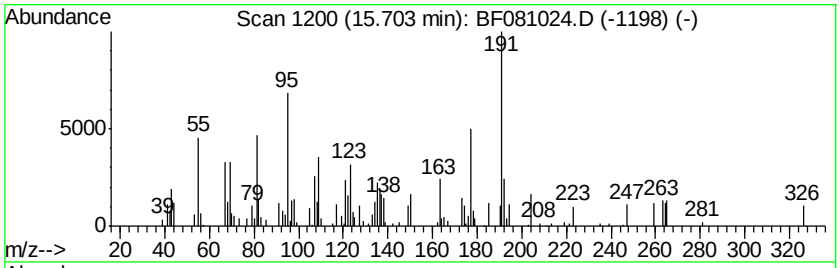
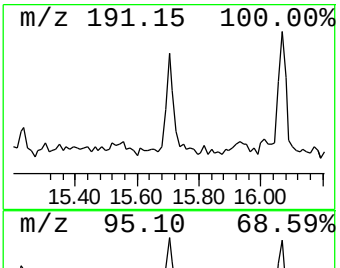
Peak Number 10 unknown15.70 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	4.04 ng	88259	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	43
2	Anthracene, 9-(4-methoxybutyl)-	264	C19H20O	144000-76-0	27
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	27
4	(1,3-Diphenylprop-2-ynyl)diethyl...	263	C19H21N	1000188-31-2	27
5	1,3,4-Thiadiazol-2-amino, 5-(p-t...	191	C9H9N3S	026907-54-0	25





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Data File : BF081024.D
Acq On : 18 Aug 2015 2:10
Operator : UM/IZ
Sample : G3252-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-017-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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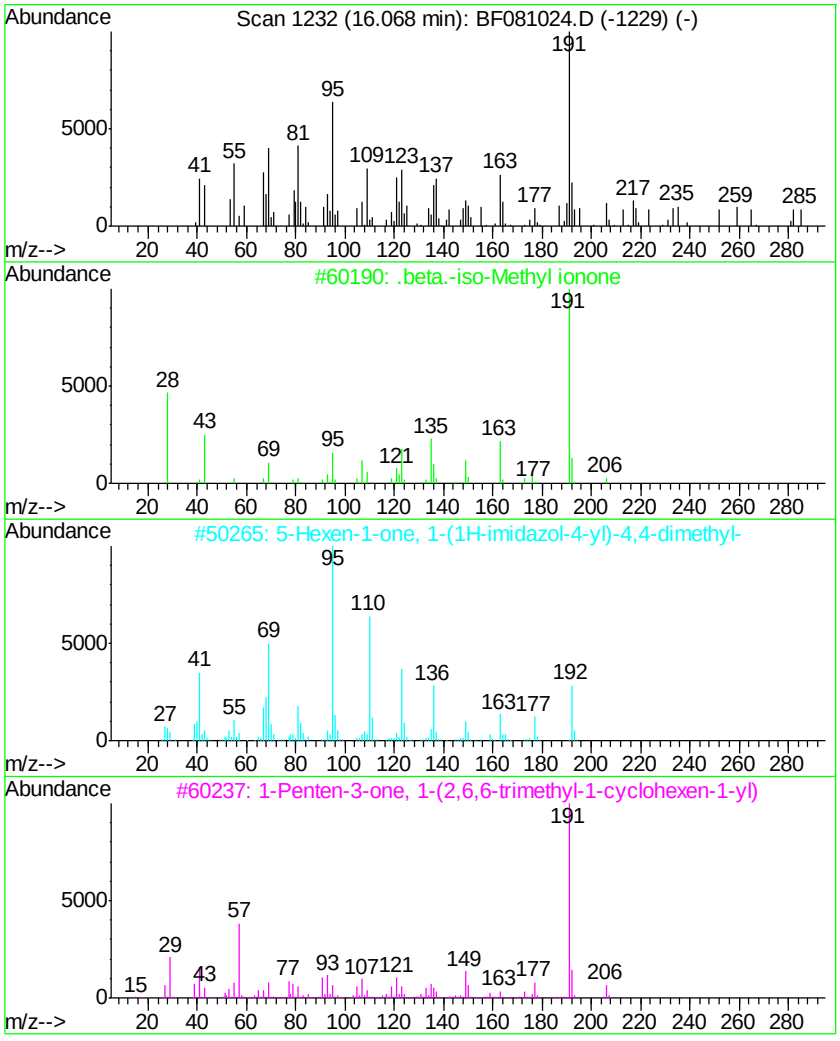
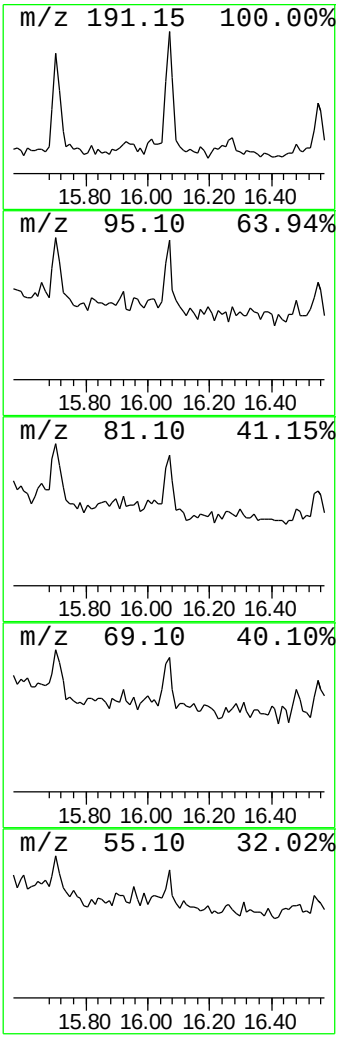
Peak Number 11 .beta.-iso-Methyl ionone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	4.16 ng	90986	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	50
2	5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	42
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	41
4	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	35
5	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081024.D
Acq On : 18 Aug 2015 2:10
Operator : UM/IZ
Sample : G3252-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-017-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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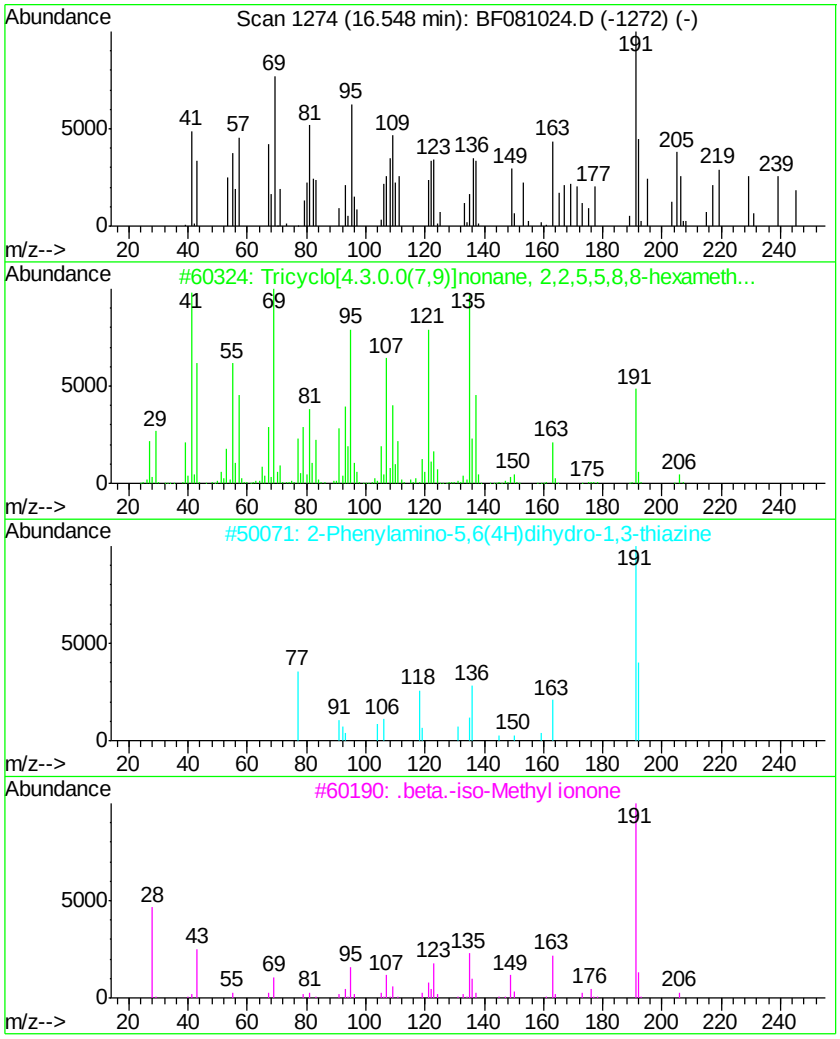
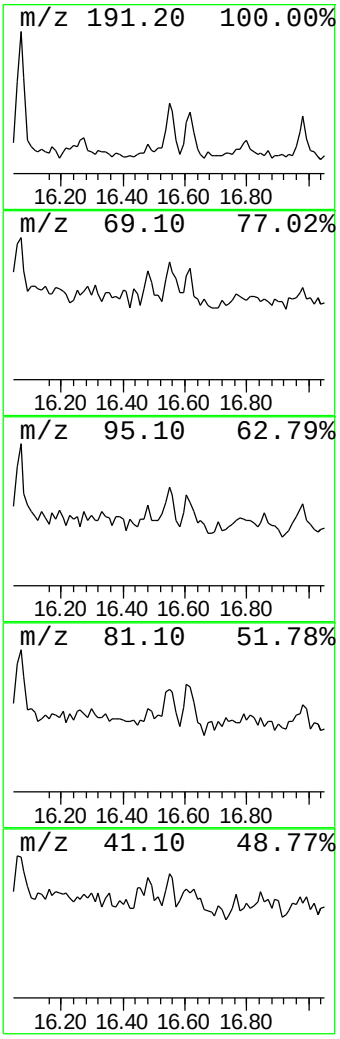
Peak Number 12 unknown16.55 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	2.00 ng	43740	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.3.0.0(7,9)]nonane, 2,...	206	C15H26	054832-82-5	37
2	2-Phenylamino-5,6(4H)dihydro-1,3...	192	C10H12N2S	1000147-35-4	27
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	25
4	2-Fluoro-4-(trifluoromethyl)benz...	192	C8H4F4O	089763-93-9	25
5	2-Fluoro-6-(trifluoromethyl)benz...	192	C8H4F4O	060611-24-7	16





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Data File : BF081024.D
Acq On : 18 Aug 2015 2:10
Operator : UM/IZ
Sample : G3252-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-017-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

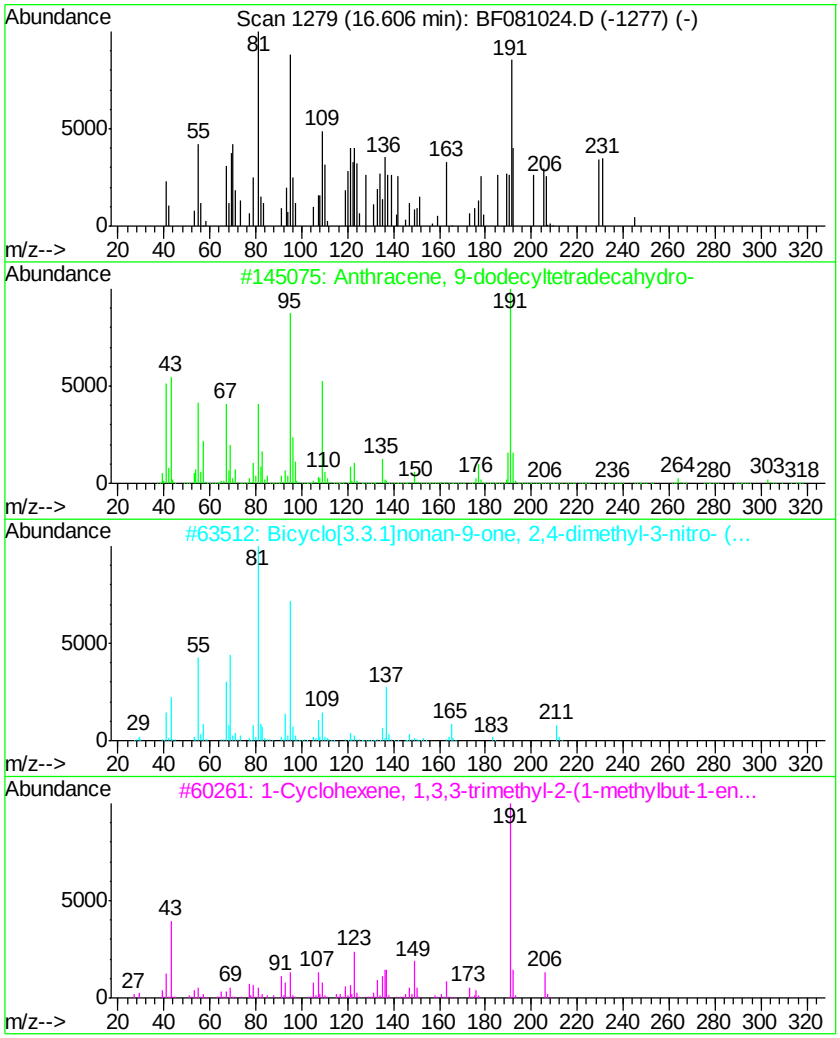
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

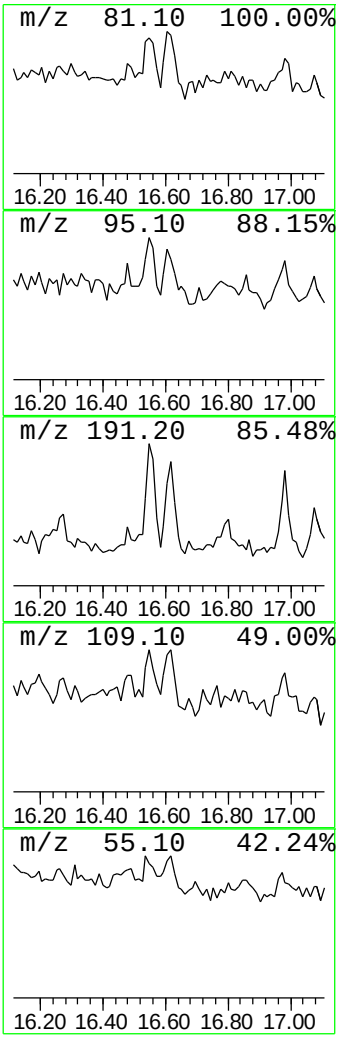
****

Peak Number 13 unknown16.61 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	3.26 ng	71144	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	43
2	Bicyclo[3.3.1]nonan-9-one, 2,4-d...	211	C11H17NO3	129967-64-2	22
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	15
4	Vinyltris(cyclopropyl)silane	178	C11H18Si	1000109-97-3	14
5	9H-Purine, 6-methyl-9-(trimethyl...	206	C9H14N4Si	032865-79-5	14





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081024.D
Acq On : 18 Aug 2015 2:10
Operator : UM/IZ
Sample : G3252-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-017-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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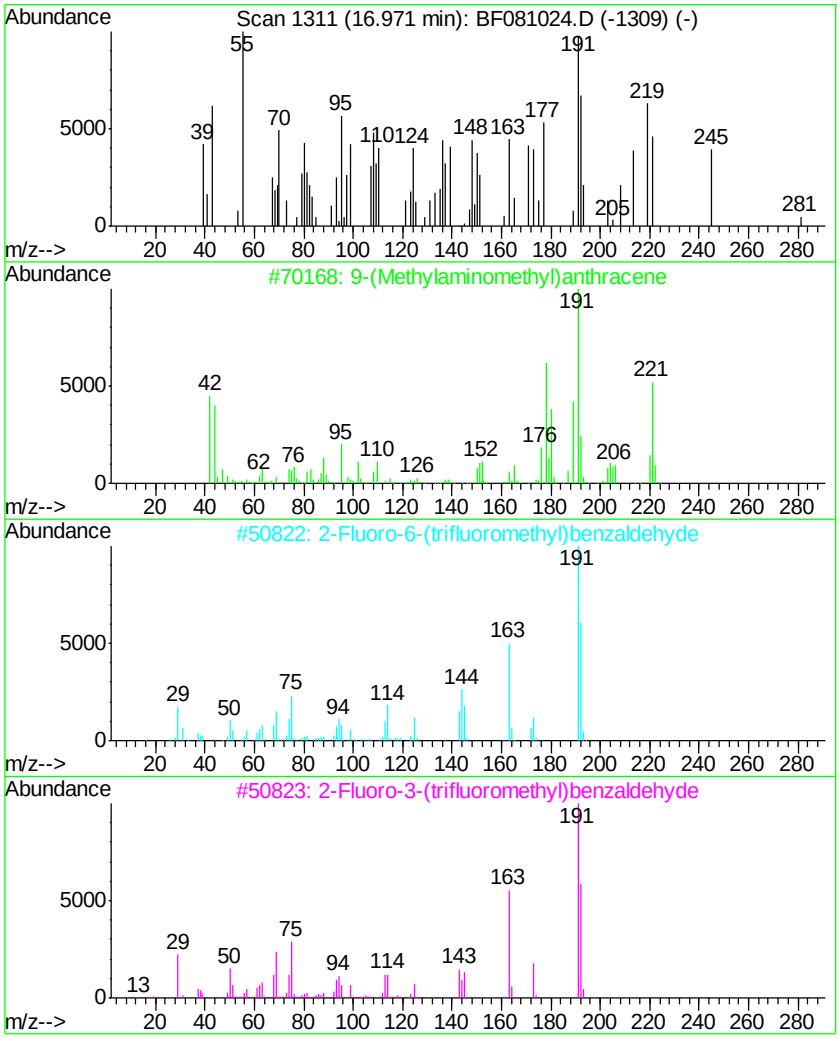
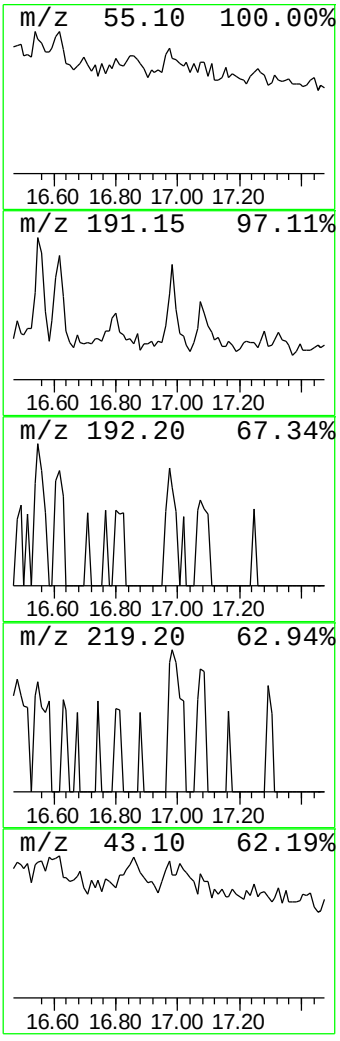
Peak Number 14 unknown2.41 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	2.41 ng	52674	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-(Methylaminomethyl)anthracene	221	C16H15N	073356-19-1	25
2	2-Fluoro-6-(trifluoromethyl)benz...	192	C8H4F4O	060611-24-7	14
3	2-Fluoro-3-(trifluoromethyl)benz...	192	C8H4F4O	112641-20-0	14
4	2,6-Lutidine 3,5-dichloro-4-ethoxy-	219	C9H11Cl2NO	1000253-53-6	12
5	Propenamide, 3-(3-methoxyphenyl)...	191	C11H13NO2	1000259-85-9	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081024.D
Acq On : 18 Aug 2015 2:10
Operator : UM/IZ
Sample : G3252-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-017-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.02	3.9	ng	96075	1	6.63	496189	20.0
2-Pentanone, 4-hy...	4.76	86.6	ng	2148080	1	6.63	496189	20.0
2-Pentanone, 4-me...	5.62	3.2	ng	80058	1	6.63	496189	20.0
Heptadecane	10.58	2.3	ng	75708	4	11.13	647040	20.0
Ethanol, 2-(tetra...	13.63	5.3	ng	162621	5	13.75	609968	20.0
unknown15.70	15.70	4.0	ng	88259	6	15.11	436934	20.0
.beta.-iso-Methyl...	16.07	4.2	ng	90986	6	15.11	436934	20.0
unknown16.55	16.55	2.0	ng	43740	6	15.11	436934	20.0
unknown16.61	16.61	3.3	ng	71144	6	15.11	436934	20.0
unknown2.41	16.97	2.4	ng	52674	6	15.11	436934	20.0