LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081023.D
Acq On : 18 Aug 2015 1:39
Operator : UM/IZ
Sample : G3252-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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	rBB	55095	85206	3.46%	0.352%
2	4.764	239	243	252	rBV	1014767	2089285	84.93%	8.636%
3	5.210	279	282	284	rBV	2110179	2361452	95.99%	9.761%
4	5.621	316	318	321	rBV	85755	74332	3.02%	0.307%
5	6.273	372	375	378	rVB	1867161	2193378	89.16%	9.066%
6	6.399	383	386	388	rBV	1969027	2460044	100.00%	10.168%
7	6.627	403	406	408	rBV	519619	460605	18.72%	1.904%
8	6.787	417	420	422	rVB	1459302	1703016	69.23%	7.039%
9	7.199	453	456	458	rBV	1545743	1674607	68.07%	6.922%
10	7.907	516	518	521	rBV	583807	558125	22.69%	2.307%
11	8.993	610	613	615	rBV	2267069	2111042	85.81%	8.726%
12	9.393	645	648	650	rBV	356916	391606	15.92%	1.619%
13	9.656	669	671	673	rBV	673714	601906	24.47%	2.488%
14	10.113	705	711	712	rBV	41707	52611	2.14%	0.217%
15	10.330	727	730	731	rBV	18723	24830	1.01%	0.103%
16	10.445	737	740	742	rVB	1429968	1471047	59.80%	6.080%
17	10.582	750	752	756	rBV	61018	79020	3.21%	0.327%
18	11.028	788	791	792	rBV	51938	49309	2.00%	0.204%
19	11.131	797	800	801	rBV	731654	638447	25.95%	2.639%
20	11.153	801	802	804	rVB	68013	48261	1.96%	0.199%
21	11.451	826	828	831	rVB	35953	33250	1.35%	0.137%
22	11.679	847	848	852	rBV	42229	57612	2.34%	0.238%
23	11.736	852	853	859	rVB4	22189	28946	1.18%	0.120%
24	11.851	859	863	868	rVB5	13182	33886	1.38%	0.140%
25	11.931	868	870	875	rBV3	19424	32854	1.34%	0.136%
26	12.331	903	905	907	rBV	163801	138914	5.65%	0.574%
27	12.559	920	925	926	rBV	156167	198843	8.08%	0.822%
28	12.628	926	931	933	rVB4	9989	28277	1.15%	0.117%
29	12.719	936	939	941	rVV	1895812	1852557	75.31%	7.657%
30	12.959	958	960	961	rBV2	17686	30137	1.23%	0.125%
31	13.188	979	980	982	rVB	22984	31427	1.28%	0.130%
32	13.256	984	986	988	rBV2	35905	47900	1.95%	0.198%
33	13.302	988	990	994	rVB2	23117	44573	1.81%	0.184%
34	13.634	1017	1019	1024	rBV2	89061	147420	5.99%	0.609%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081023.D
Acq On : 18 Aug 2015 1:39
Operator : UM/IZ
Sample : G3252-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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	13.748	1026	1029	1035	rVB2	526487	635946	25.85%	2.629%
36	13.954	1045	1047	1052	rVB2	17767	41992	1.71%	0.174%
37	14.217	1067	1070	1072	rBV2	112556	127751	5.19%	0.528%
38	14.274	1072	1075	1077	rBV3	35666	78784	3.20%	0.326%
39	14.548	1097	1099	1100	rVB	27153	25363	1.03%	0.105%
40	14.731	1113	1115	1120	rBV	60016	134378	5.46%	0.555%
41	14.879	1126	1128	1133	rBV6	19432	60976	2.48%	0.252%
42	14.994	1136	1138	1140	rVB	54977	63285	2.57%	0.262%
43	15.039	1140	1142	1145	rBV	44926	66632	2.71%	0.275%
44	15.097	1145	1147	1150	rBV	295012	423558	17.22%	1.751%
45	15.234	1157	1159	1163	rBV5	22412	44913	1.83%	0.186%
46	15.531	1182	1185	1186	rBV	25115	51016	2.07%	0.211%
47	15.702	1198	1200	1208	rVB6	57789	150087	6.10%	0.620%
48	16.068	1229	1232	1238	rVB	48337	114056	4.64%	0.471%
49	16.320	1252	1254	1259	rVB2	25190	57945	2.36%	0.240%
50	16.480	1266	1268	1271	rBV3	23313	39471	1.60%	0.163%
51	16.548	1271	1274	1277	rVV4	22822	41513	1.69%	0.172%
52	16.685	1284	1286	1291	rBV	16175	35352	1.44%	0.146%
53	16.971	1309	1311	1319	rVB7	16533	54883	2.23%	0.227%
54	18.548	1444	1449	1458	rVB5	34354	110445	4.49%	0.457%

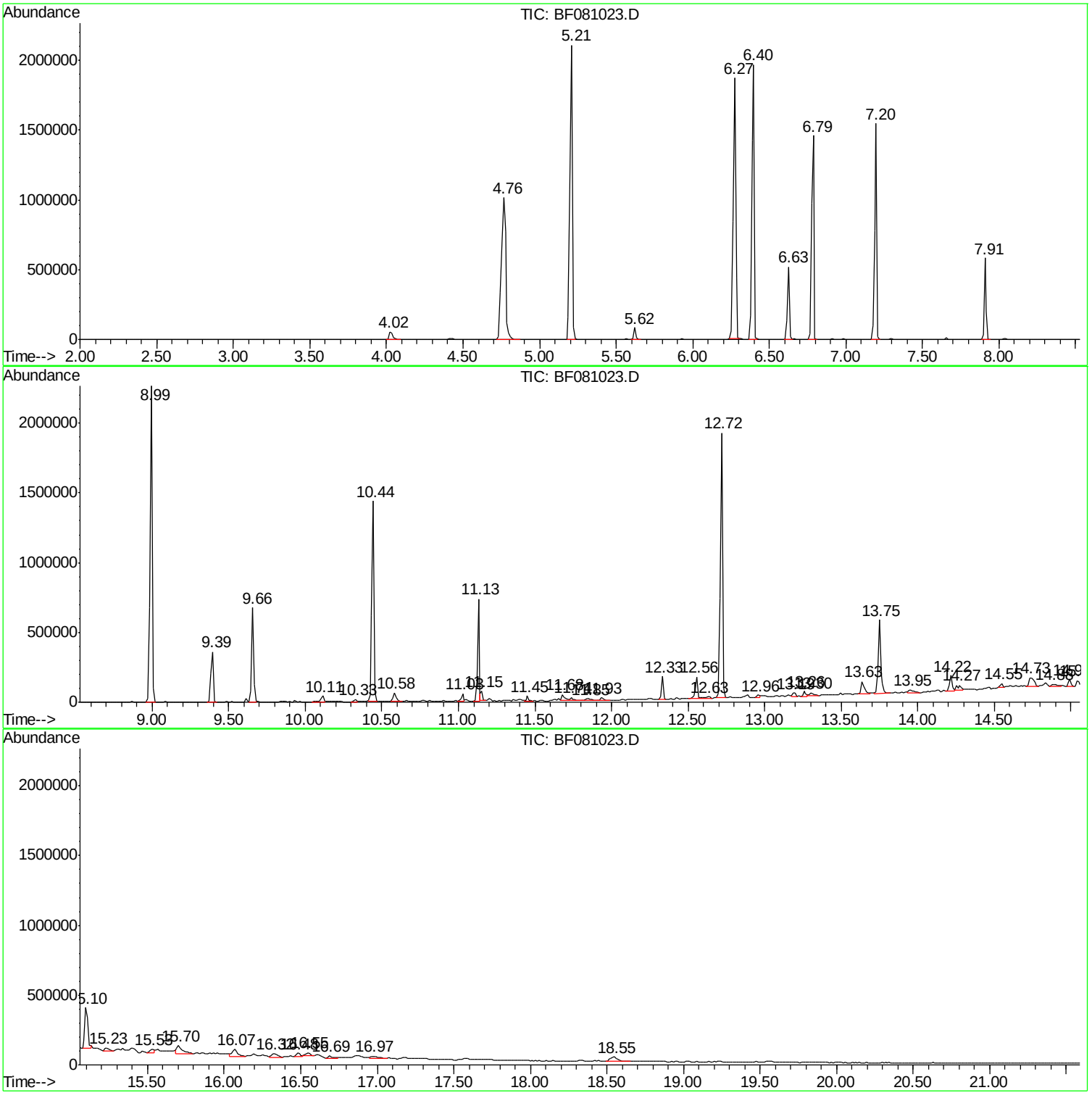
Sum of corrected areas: 24193071

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081023.D
Acq On : 18 Aug 2015 1:39
Operator : UM/IZ
Sample : G3252-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081023.D
Acq On : 18 Aug 2015 1:39
Operator : UM/IZ
Sample : G3252-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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

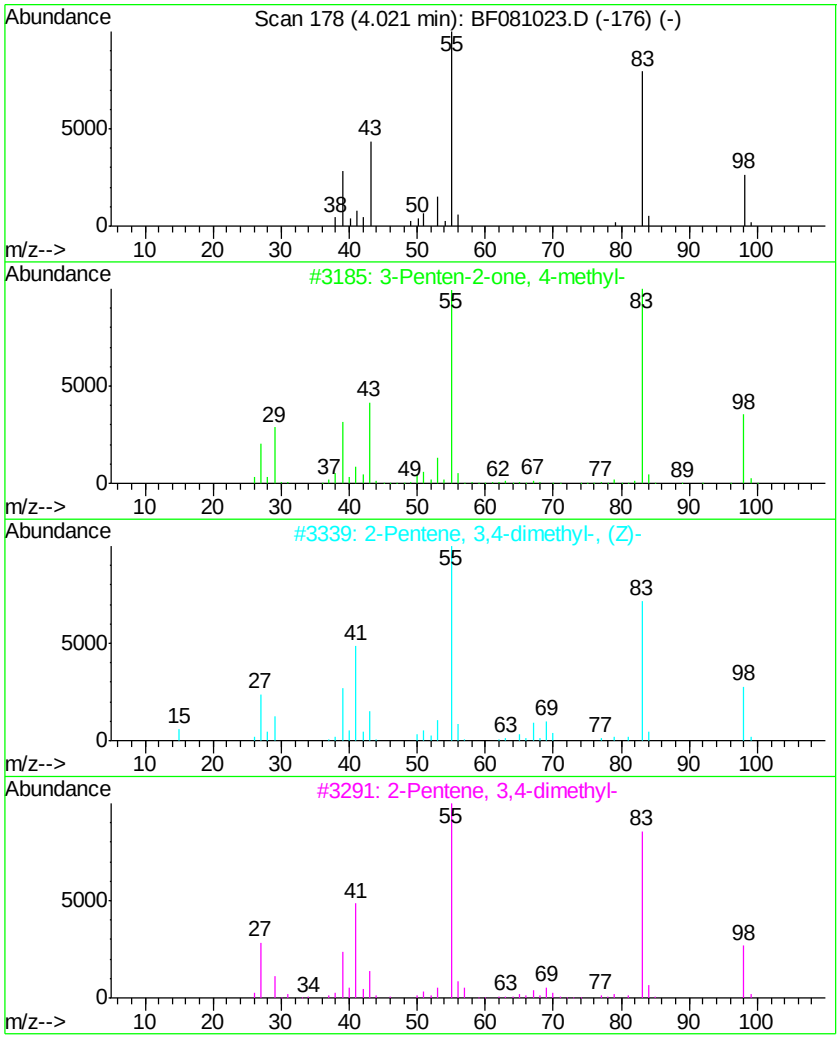
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

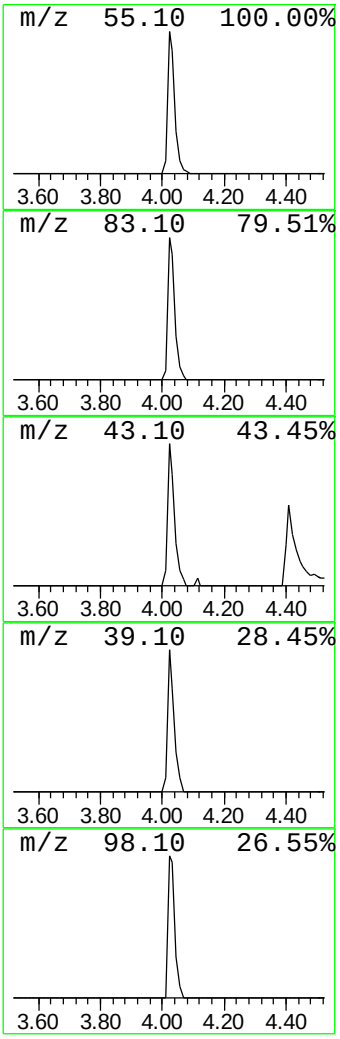
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	3.70 ng	85206	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	91
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
3	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	86
4	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081023.D
Acq On : 18 Aug 2015 1:39
Operator : UM/IZ
Sample : G3252-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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

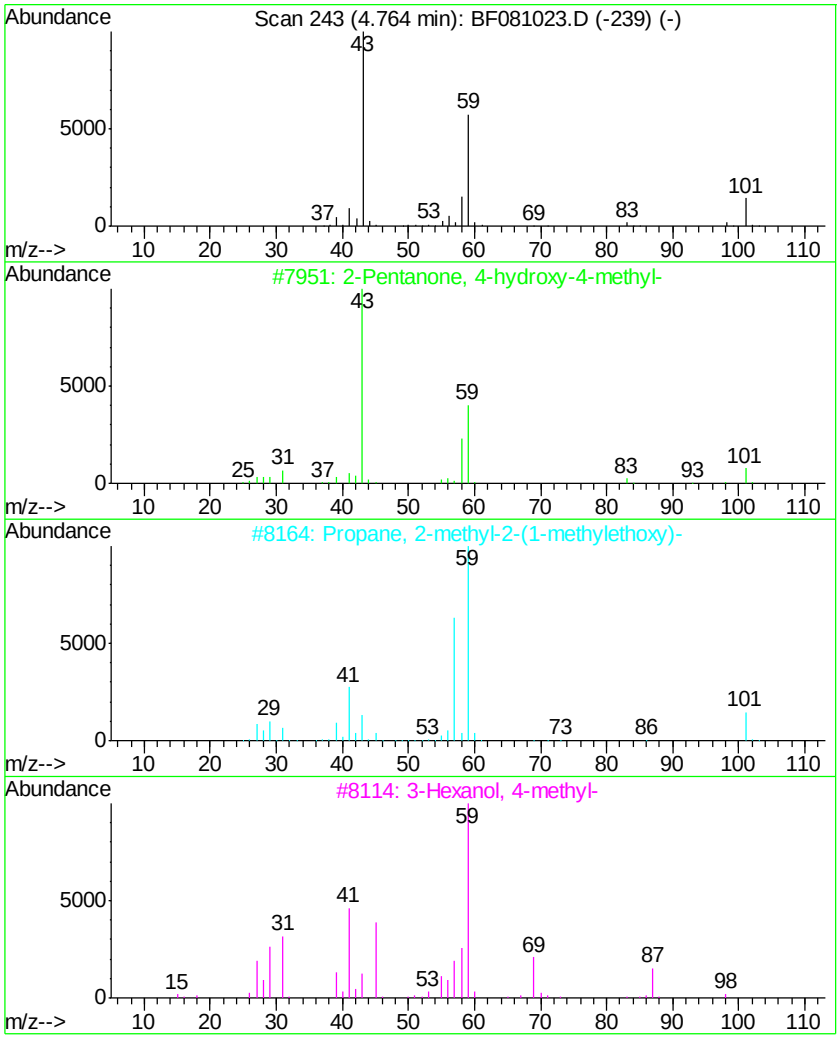
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

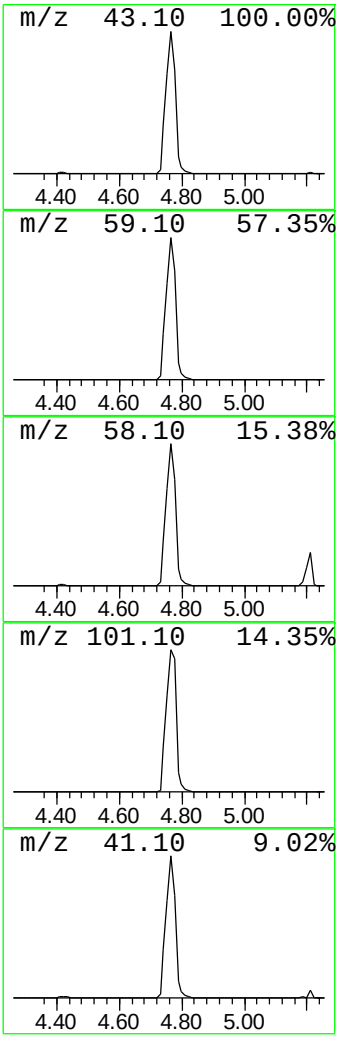
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	90.72 ng	2089290	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	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081023.D
Acq On : 18 Aug 2015 1:39
Operator : UM/IZ
Sample : G3252-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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

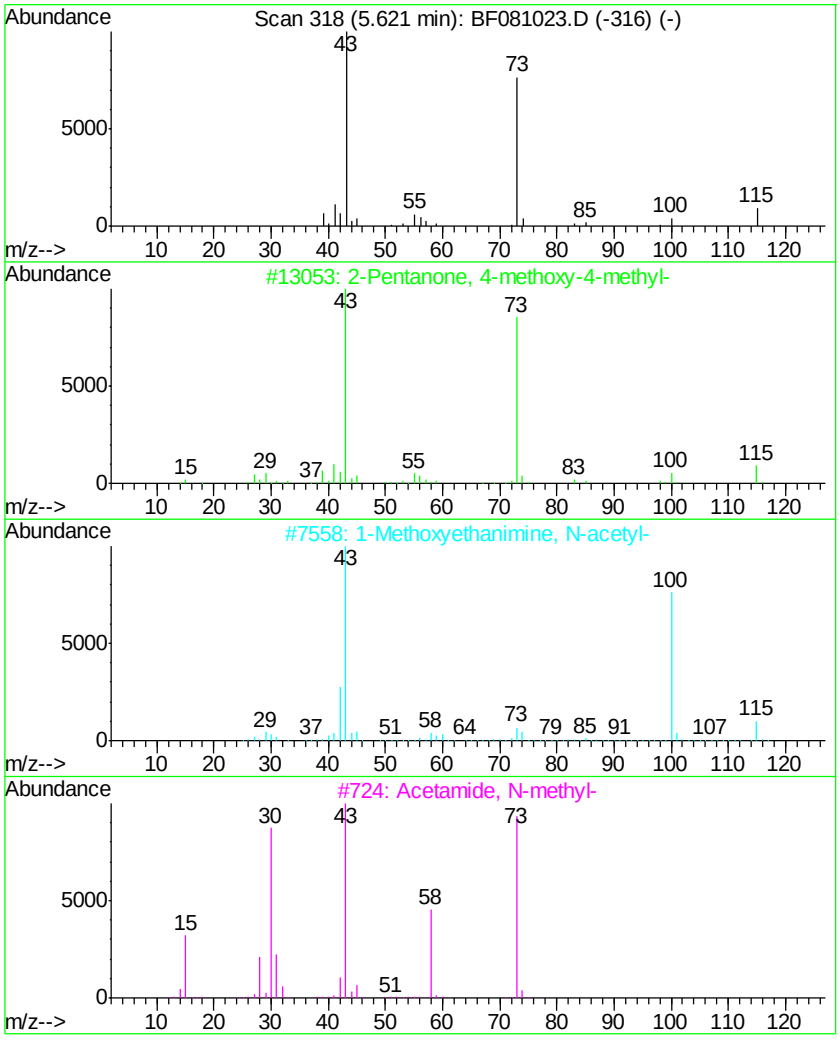
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

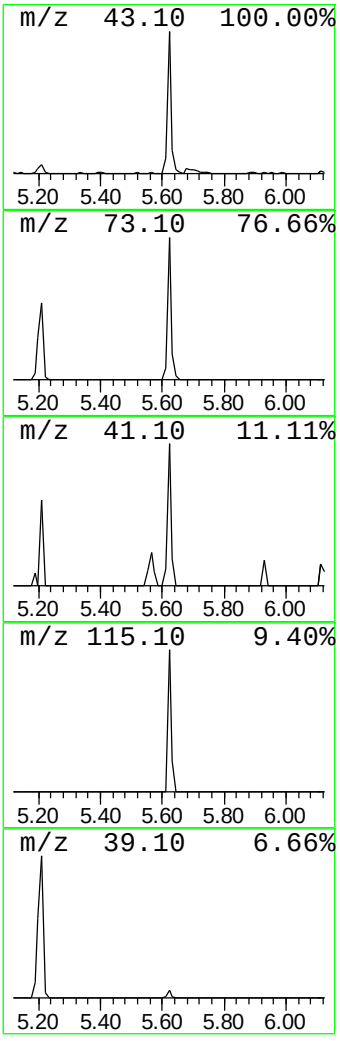
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	3.23 ng	74332	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	78
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	23
5	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081023.D
Acq On : 18 Aug 2015 1:39
Operator : UM/IZ
Sample : G3252-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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

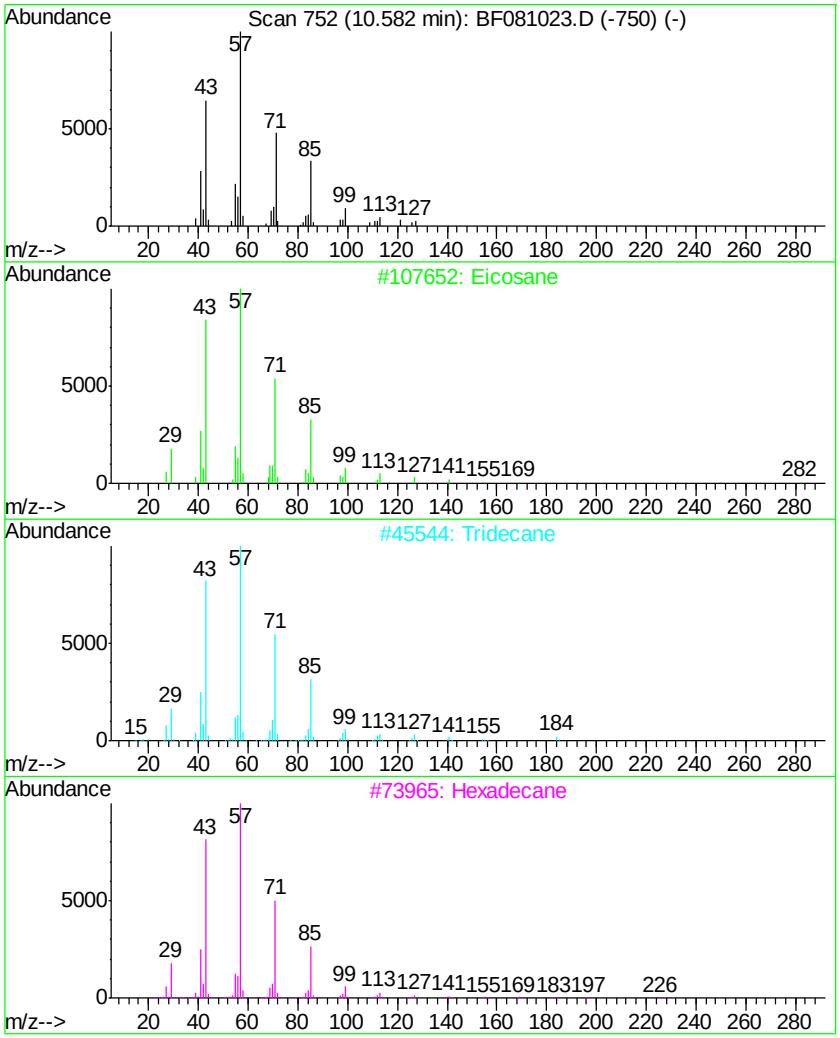
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

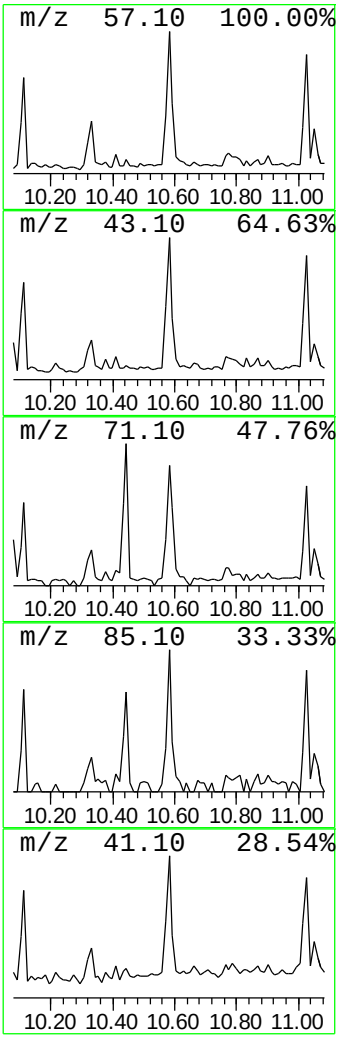
****

Peak Number 6 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	2.48 ng	79020	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
5	Nonadecane	268	C19H40	000629-92-5	86





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Data File : BF081023.D
Acq On : 18 Aug 2015 1:39
Operator : UM/IZ
Sample : G3252-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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

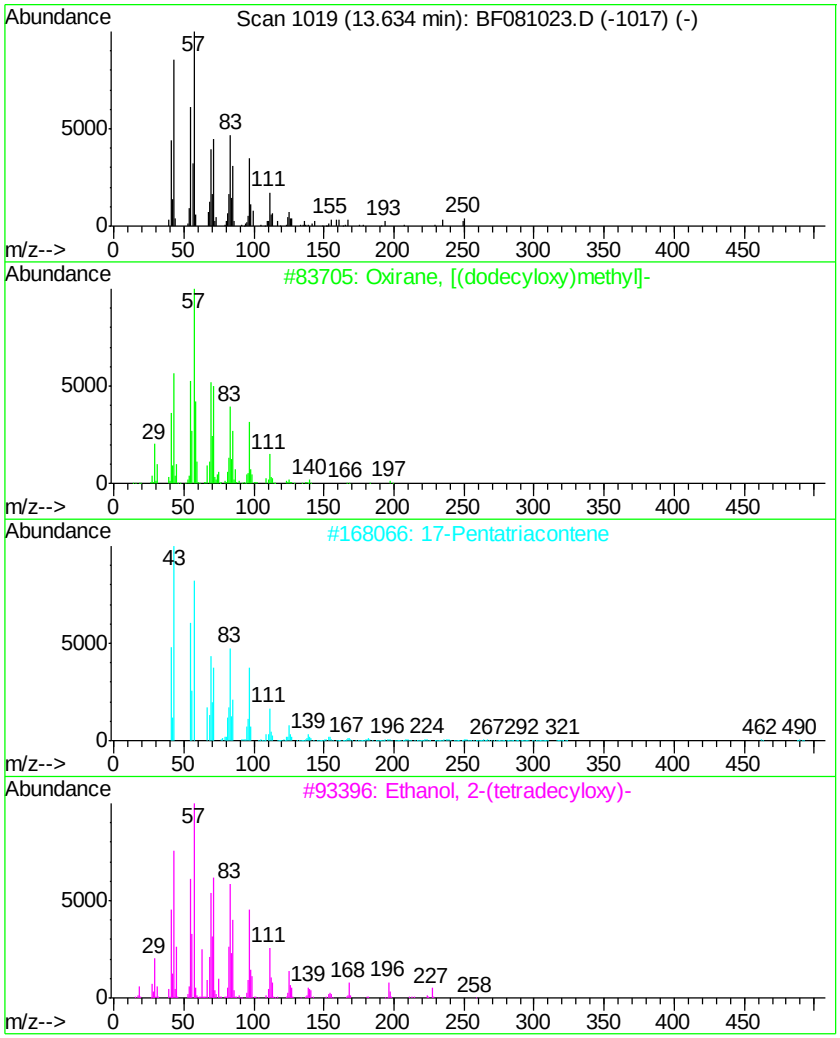
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

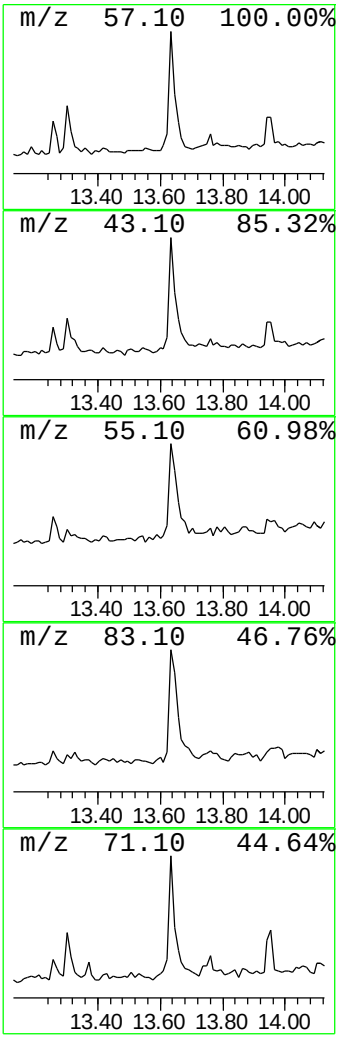
****

Peak Number 7 Oxirane, [(dodecyloxy)methyl]- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	4.64 ng	147420	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	87
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	68
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	58
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	58





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Operator : UM/IZ
Sample : G3252-01
Misc :
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Instrument : BNA_F
ClientSampleId : FK-GF-01-017-A

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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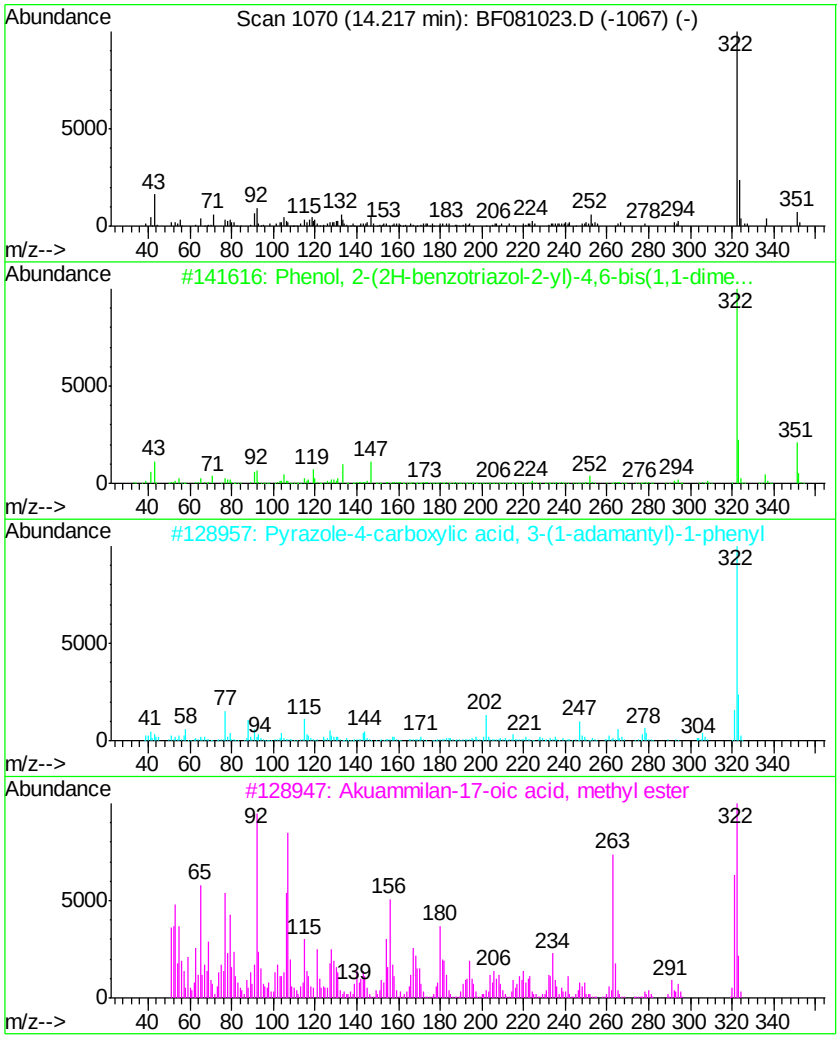
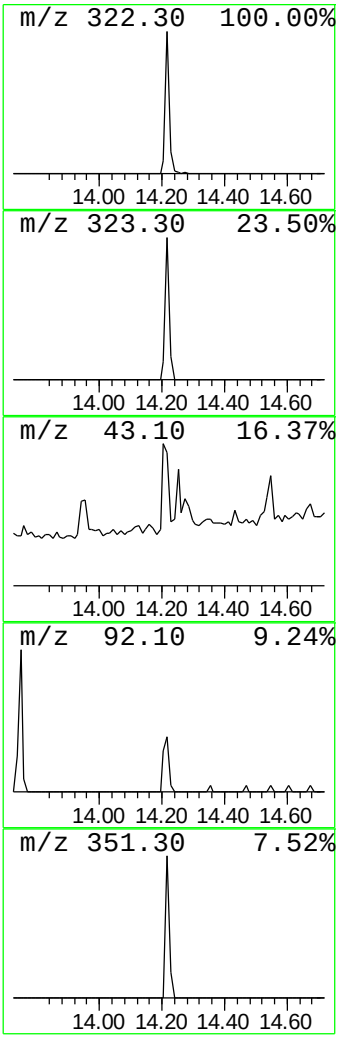
Peak Number 8 Phenol, 2-(2H-benzotriazol-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	4.02 ng	127751	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(2H-benzotriazol-2-yl)...	351	C22H29N3O	025973-55-1	72
2	Pyrazole-4-carboxylic acid, 3-(1...	322	C20H22N2O2	1000272-86-5	59
3	Akuammilan-17-oic acid, methyl e...	322	C20H22N2O2	006475-05-4	53
4	p-Bis(m-methoxyphenoxy)benzene	322	C20H18O4	005024-84-0	50
5	(2E)-3-(2-Fluoroanilino)-3-(2-(3...	322	C17H11FN4S	1000298-10-1	45





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Data File : BF081023.D
Acq On : 18 Aug 2015 1:39
Operator : UM/IZ
Sample : G3252-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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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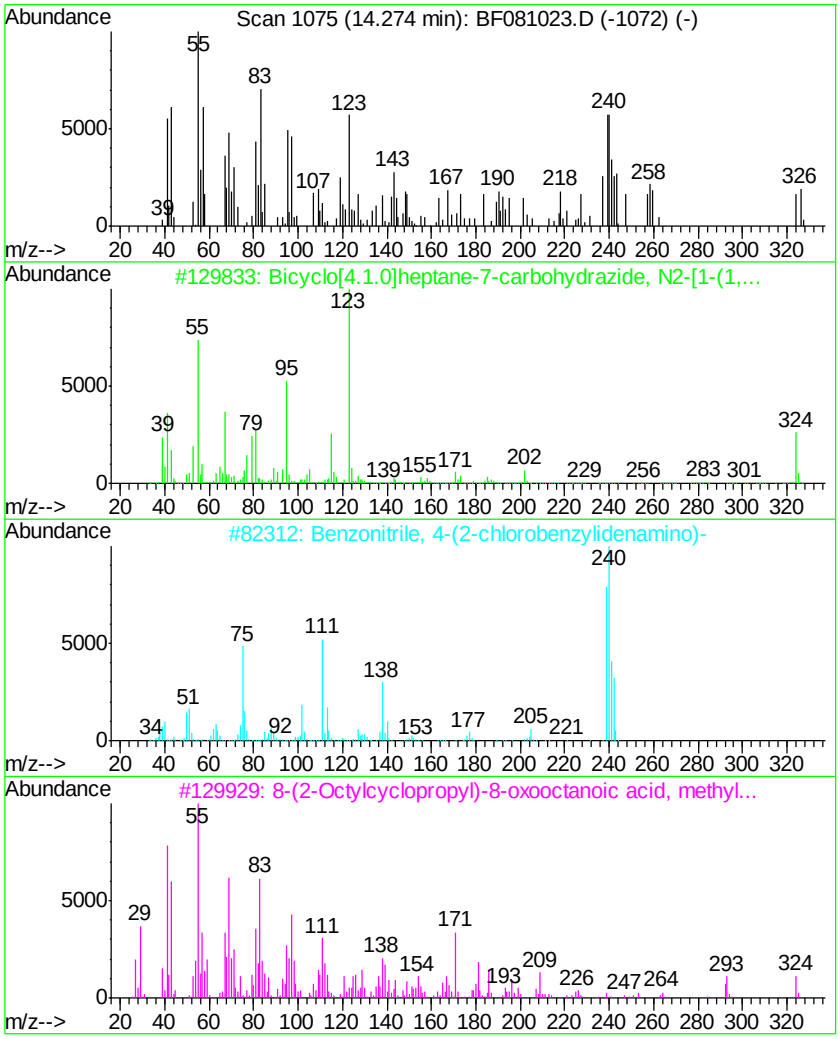
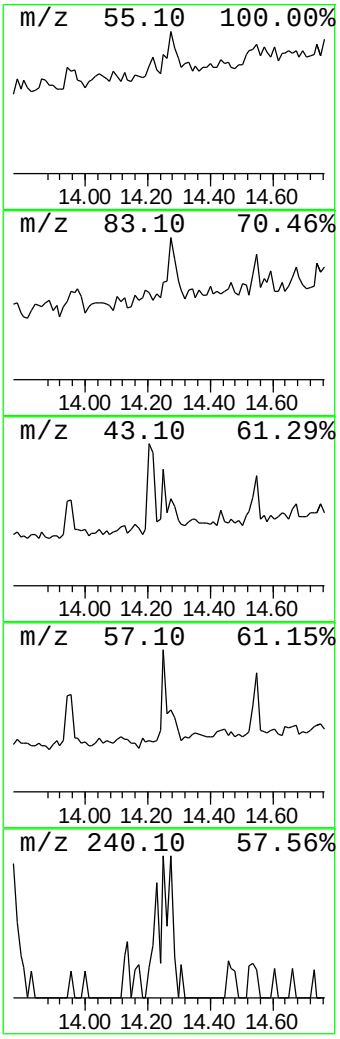
Peak Number 9 unknown14.27 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	2.48 ng	78784	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane-7-carbohyd...	324	C19H20N2O3	322729-72-6	14
2	Benzonitrile, 4-(2-chlorobenzyli...	240	C14H9ClN2	303214-71-3	10
3	8-(2-Octylcyclopropyl)-8-oxoocta...	324	C20H36O3	1000191-57-8	10
4	Aspidofractinin-6-one, 17-methoxy-	324	C20H24N2O2	054965-82-1	10
5	o-(p-(Dimethylamino)benzylidenea...	240	C15H16N2O	023837-35-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081023.D
Acq On : 18 Aug 2015 1:39
Operator : UM/IZ
Sample : G3252-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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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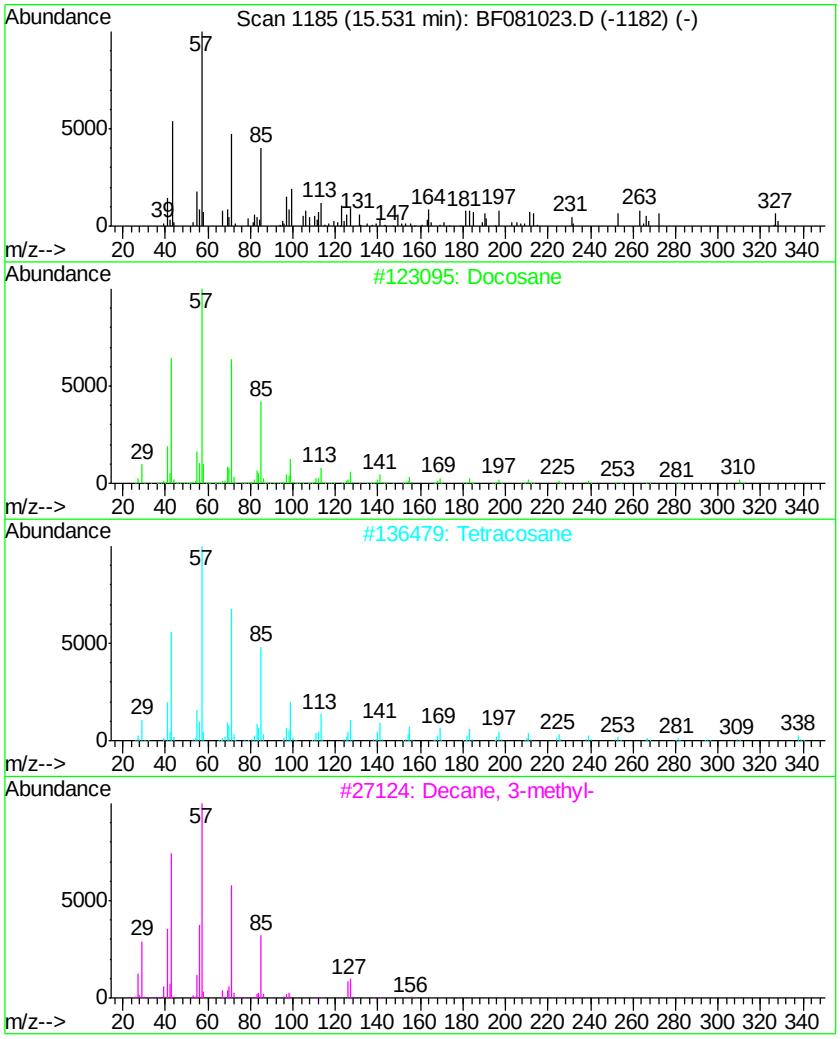
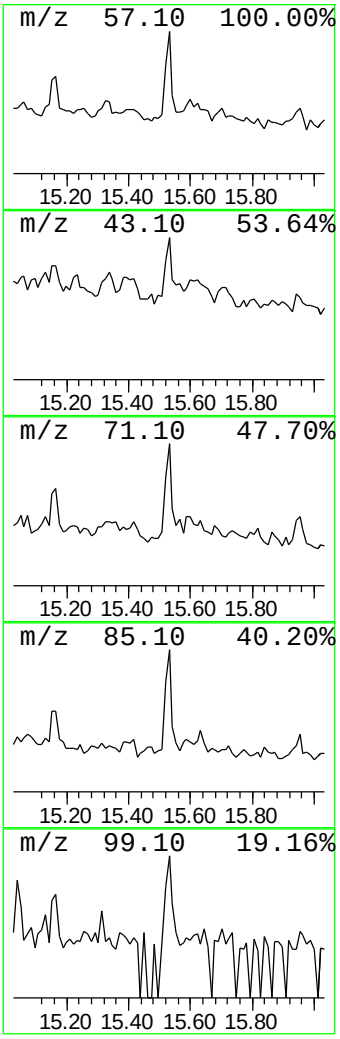
Peak Number 12 Docosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	2.41 ng	51016	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	64
2	Tetracosane	338	C24H50	000646-31-1	64
3	Decane, 3-methyl-	156	C11H24	013151-34-3	47
4	Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	47
5	Octadecane	254	C18H38	000593-45-3	45





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081023.D
Acq On : 18 Aug 2015 1:39
Operator : UM/IZ
Sample : G3252-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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

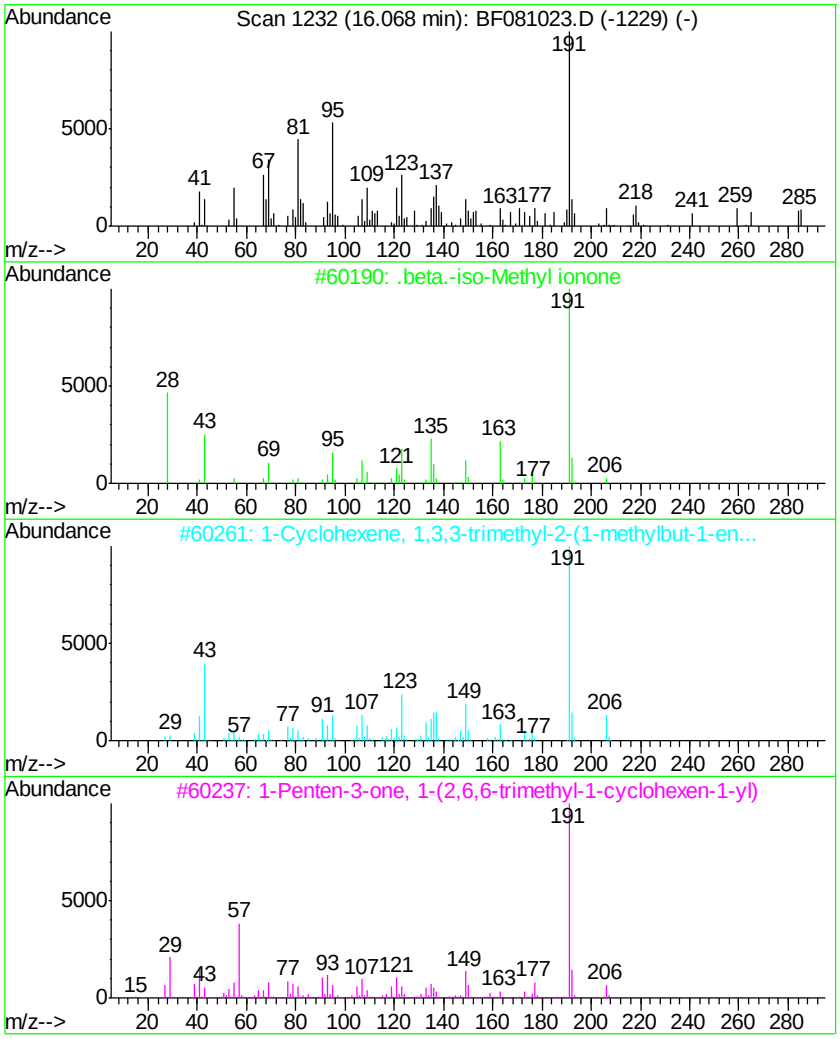
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

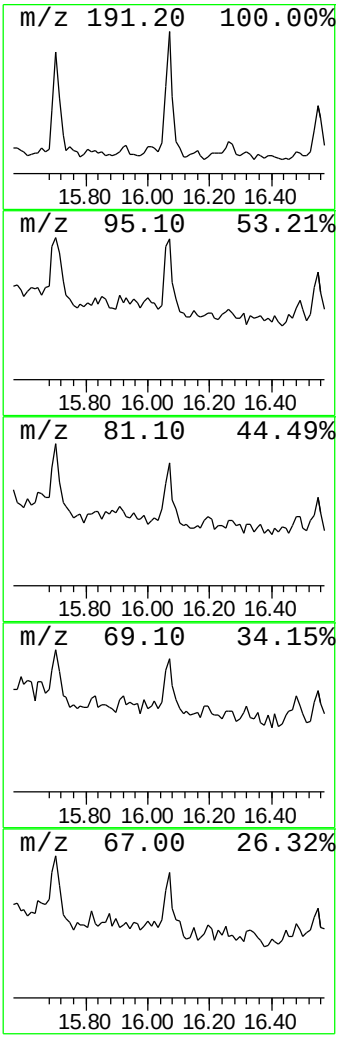
****

Peak Number 14 .beta.-iso-Methyl ionone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	5.39 ng	114056	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	64
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	55
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	50
4	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	43
5	3-Buten-2-one, 4-(2,5,6,6-tetram...	206	C14H22O	000079-70-9	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081023.D
Acq On : 18 Aug 2015 1:39
Operator : UM/IZ
Sample : G3252-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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	3.7	ng	85206	1	6.63	460605	20.0
2-Pentanone, 4-hy...	4.76	90.7	ng	2089290	1	6.63	460605	20.0
2-Pentanone, 4-me...	5.62	3.2	ng	74332	1	6.63	460605	20.0
Eicosane	10.58	2.5	ng	79020	4	11.13	638447	20.0
Oxirane, [(dodecy...	13.63	4.6	ng	147420	5	13.75	635946	20.0
Phenol, 2-(2H-ben...	14.22	4.0	ng	127751	5	13.75	635946	20.0
unknown14.27	14.27	2.5	ng	78784	5	13.75	635946	20.0
Docosane	15.53	2.4	ng	51016	6	15.10	423558	20.0
.beta.-iso-Methyl...	16.07	5.4	ng	114056	6	15.10	423558	20.0