LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080788.D
Acq On : 1 Aug 2015 19:01
Operator : TP/UM
Sample : G3119-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BB-026CS-1(0-16FTBGS)

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-BF073015.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	2.213	7	11	15	rBV	10245	35285	1.10%	0.124%
2	4.384	199	201	205	rBV	58266	87403	2.72%	0.307%
3	5.047	255	259	261	rBV	1627294	2374961	74.01%	8.329%
4	5.459	292	295	297	rBV	2515102	3208876	100.00%	11.253%
5	5.859	328	330	333	rBV	53539	53809	1.68%	0.189%
6	6.476	381	384	387	rBV	2410931	2716231	84.65%	9.525%
7	6.613	394	396	399	rBV	2145477	2903817	90.49%	10.183%
8	6.853	414	417	419	rBV	728495	622866	19.41%	2.184%
9	7.013	428	431	433	rBV	1825729	2222149	69.25%	7.793%
10	7.413	463	466	468	rBV	2139992	1972047	61.46%	6.916%
11	8.133	526	529	531	rBV	816686	740478	23.08%	2.597%
12	9.208	621	623	626	rBV	2737463	2475277	77.14%	8.680%
13	9.608	656	658	660	rVV	337507	422019	13.15%	1.480%
14	9.882	680	682	684	rVB	708604	637808	19.88%	2.237%
15	10.168	704	707	711	rBV2	21551	35504	1.11%	0.125%
16	10.316	717	720	723	rBV3	20548	47554	1.48%	0.167%
17	10.545	733	740	741	rBV2	31882	54475	1.70%	0.191%
18	10.671	748	751	753	rBV	1586202	1585858	49.42%	5.561%
19	10.785	760	761	767	rVB2	110800	165628	5.16%	0.581%
20	11.208	796	798	800	rBV2	20214	38357	1.20%	0.135%
21	11.242	800	801	802	rVV	59872	47214	1.47%	0.166%
22	11.265	802	803	806	rVV	30289	41155	1.28%	0.144%
23	11.368	809	812	813	rVV	504983	590920	18.42%	2.072%
24	11.436	815	818	820	rVB	38555	55578	1.73%	0.195%
25	11.665	836	838	839	rBV	50641	44716	1.39%	0.157%
26	11.825	850	852	854	rBV2	17523	39958	1.25%	0.140%
27	11.894	856	858	860	rVV	160585	177383	5.53%	0.622%
28	11.974	863	865	870	rVV4	43479	93079	2.90%	0.326%
29	12.076	872	874	876	rVV2	26003	48132	1.50%	0.169%
30	12.156	879	881	884	rVB4	22719	41972	1.31%	0.147%
31	12.568	915	917	919	rBV	165232	154207	4.81%	0.541%
32	12.614	919	921	924	rVV4	21684	41077	1.28%	0.144%
33	12.682	925	927	929	rVV2	36964	55810	1.74%	0.196%
34	12.797	933	937	939	rVV2	172046	247181	7.70%	0.867%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080788.D
Acq On : 1 Aug 2015 19:01
Operator : TP/UM
Sample : G3119-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BB-026CS-1(0-16FTBGS)

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-BF073015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.854	939	942	944	rVB3	31034	53039	1.65%	0.186%
36	12.945	948	950	953	rBV	1834501	1614757	50.32%	5.663%
37	13.128	964	966	969	rVB2	28069	33635	1.05%	0.118%
38	13.185	969	971	973	rBV2	35487	44451	1.39%	0.156%
39	13.231	973	975	979	rVV2	29275	45041	1.40%	0.158%
40	13.425	990	992	995	rBV5	17699	37207	1.16%	0.130%
41	13.482	995	997	998	rBV	43995	43499	1.36%	0.153%
42	13.985	1039	1041	1043	rBV2	435758	641054	19.98%	2.248%
43	14.168	1056	1057	1059	rVB2	41899	41267	1.29%	0.145%
44	14.751	1106	1108	1109	rBV	66642	81005	2.52%	0.284%
45	14.842	1114	1116	1119	rVB2	51007	75239	2.34%	0.264%
46	15.002	1128	1130	1134	rBV	121596	239414	7.46%	0.840%
47	15.288	1153	1155	1158	rBV	93650	109994	3.43%	0.386%
48	15.345	1158	1160	1163	rVV	110727	146334	4.56%	0.513%
49	15.414	1163	1166	1171	rVB	605083	825977	25.74%	2.897%
50	16.088	1223	1225	1229	rVB2	67389	140337	4.37%	0.492%
51	16.500	1259	1261	1267	rVB2	64874	130756	4.07%	0.459%
52	16.785	1283	1286	1291	rVB2	59021	133933	4.17%	0.470%

Sum of corrected areas: 28515723

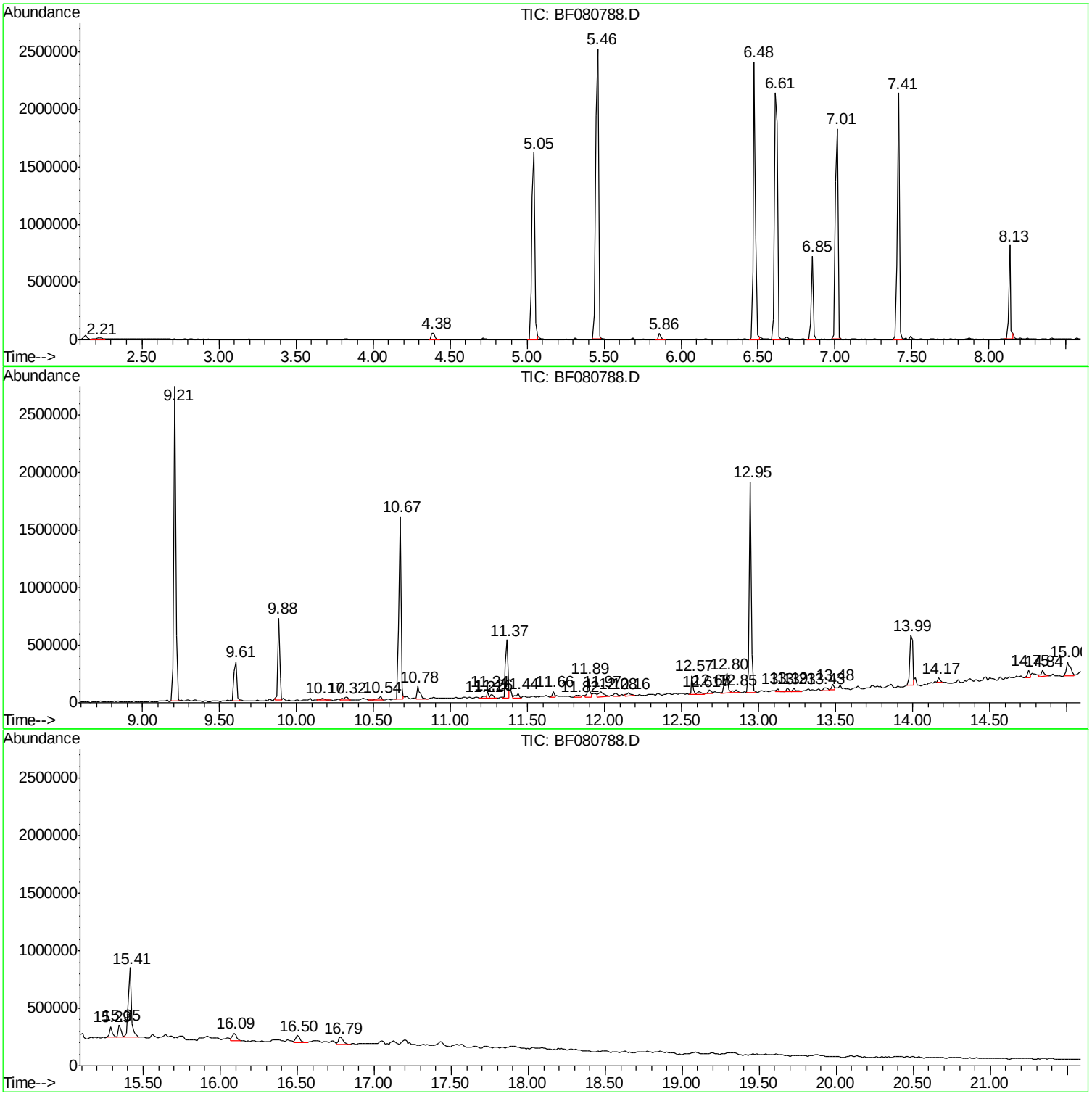
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080788.D
Acq On : 1 Aug 2015 19:01
Operator : TP/UM
Sample : G3119-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BB-026CS-1(0-16FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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\BF080115\
Data File : BF080788.D
Acq On : 1 Aug 2015 19:01
Operator : TP/UM
Sample : G3119-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BB-026CS-1(0-16FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

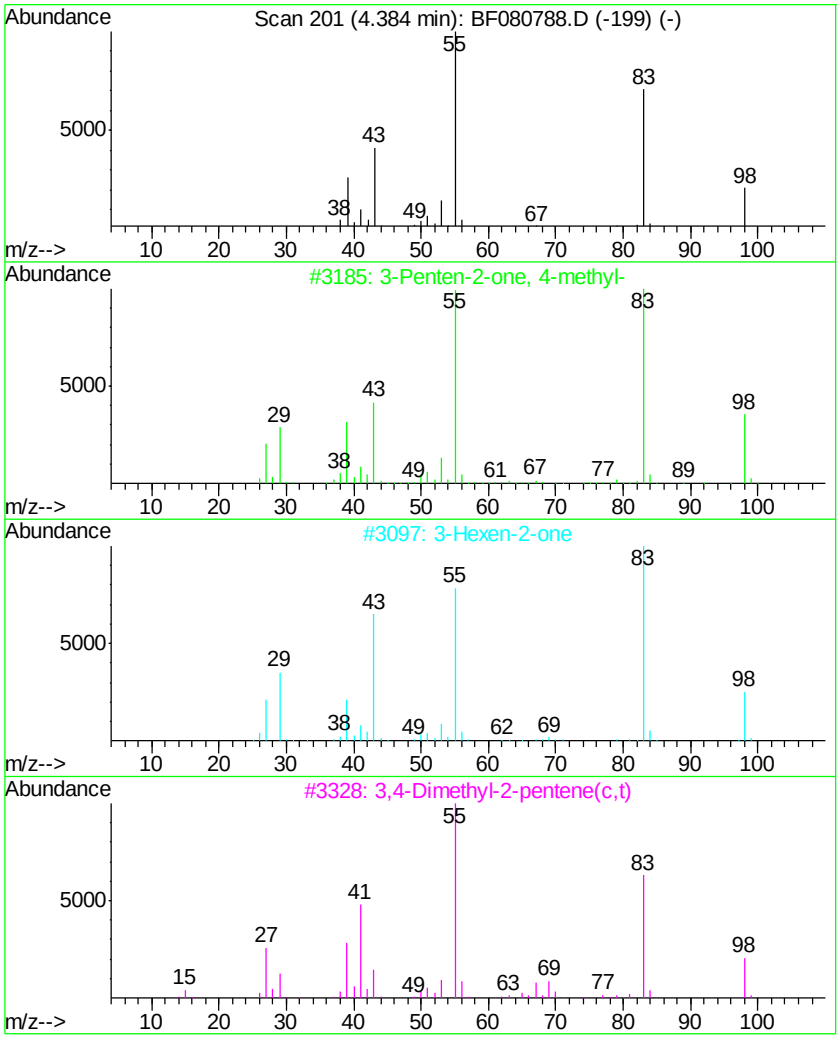
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

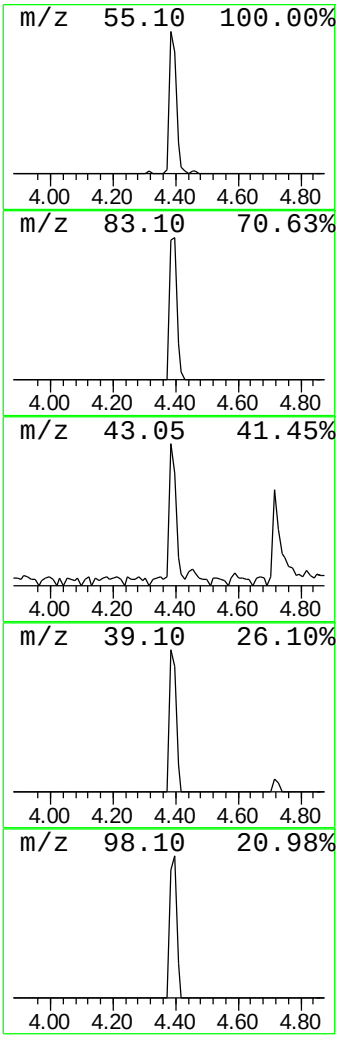
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	2.81 ng	87403	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	80
2	3-Hexen-2-one	98	C6H10O	000763-93-9	72
3	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	72
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	53
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080788.D
Acq On : 1 Aug 2015 19:01
Operator : TP/UM
Sample : G3119-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BB-026CS-1(0-16FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

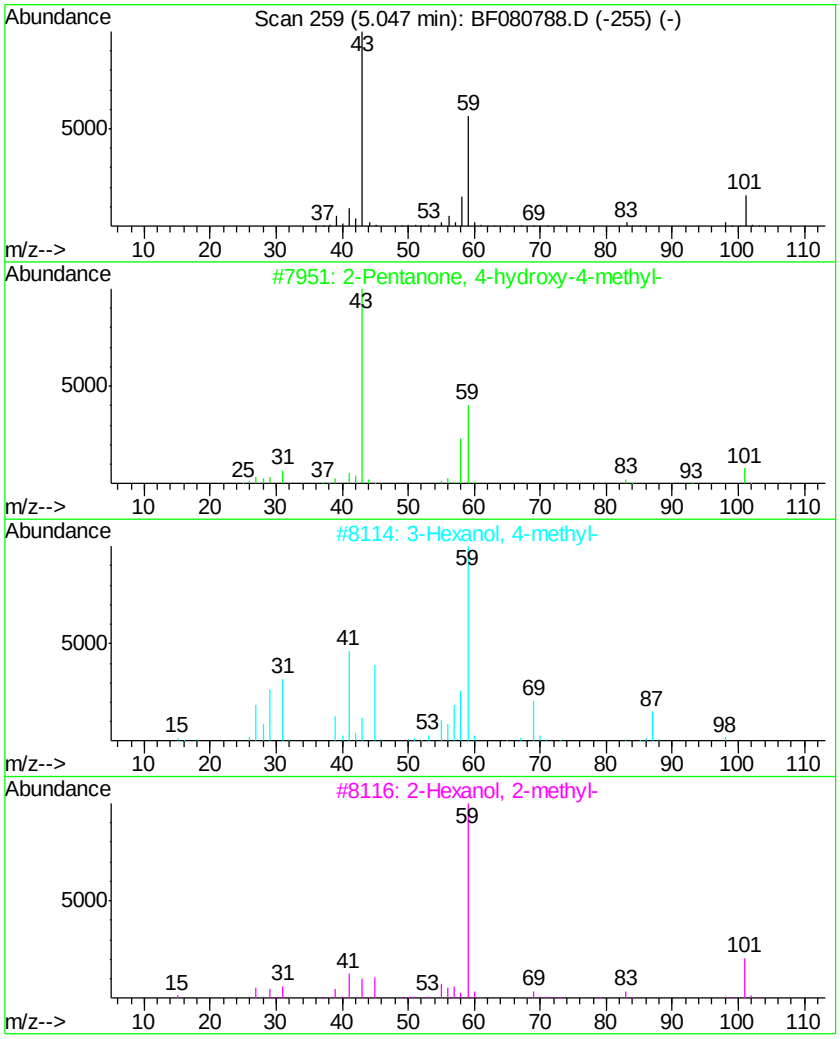
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

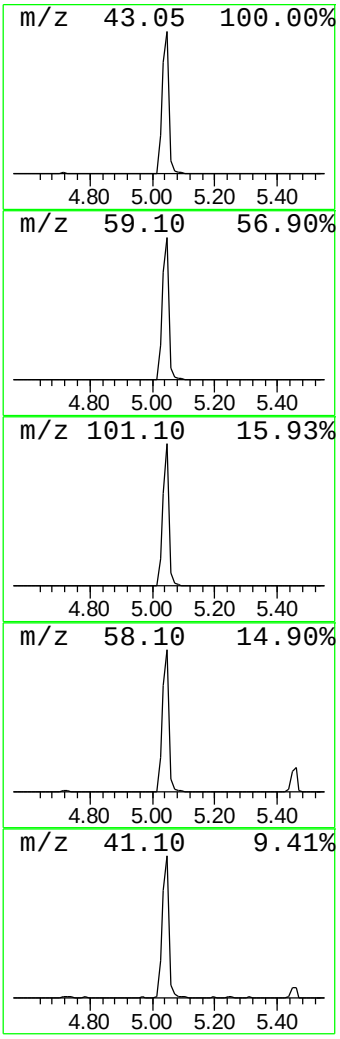
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	76.26 ng	2374960	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080788.D
Acq On : 1 Aug 2015 19:01
Operator : TP/UM
Sample : G3119-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BB-026CS-1(0-16FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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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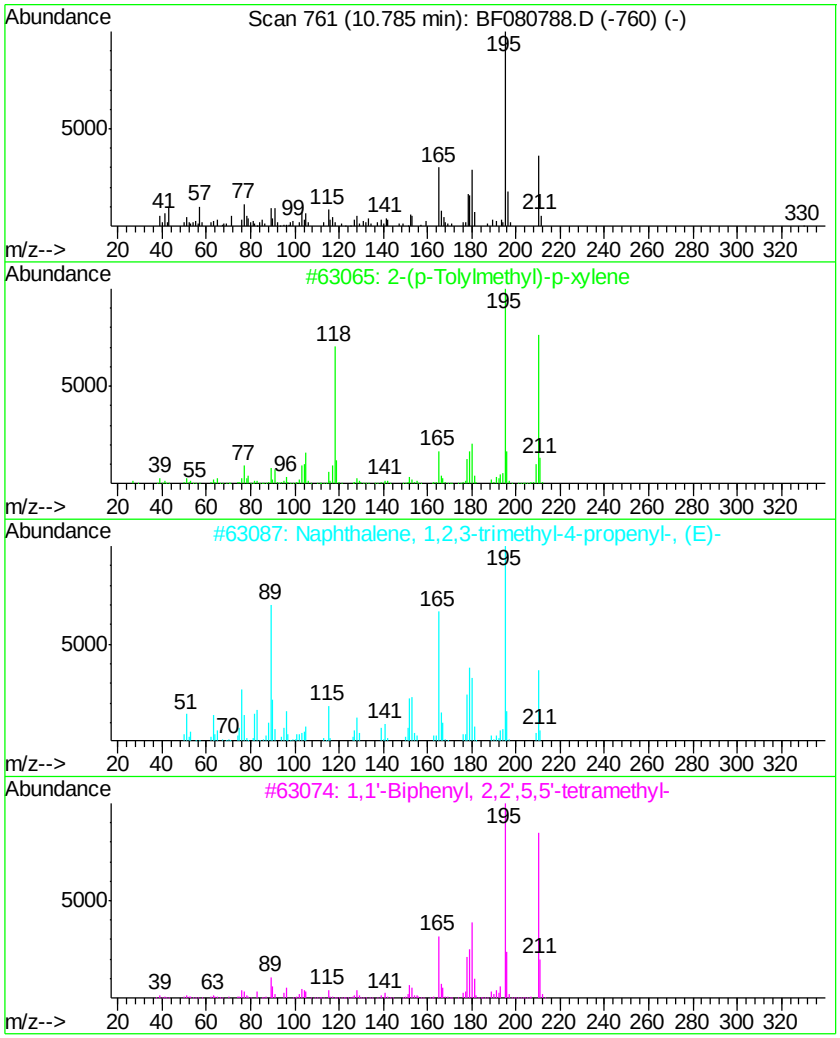
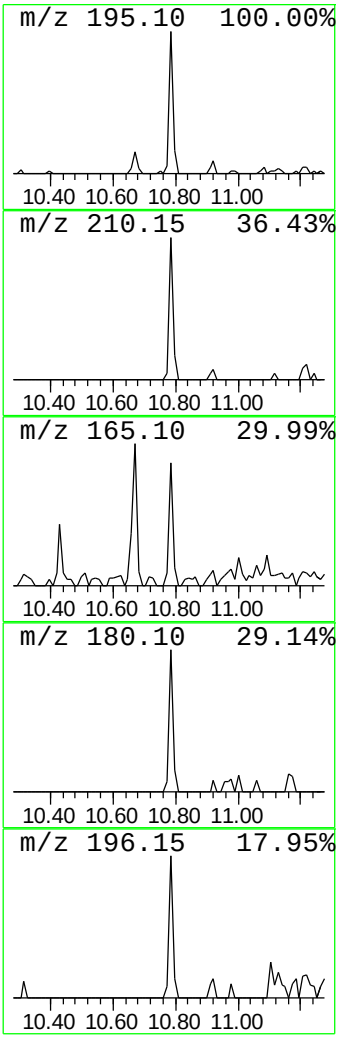
Peak Number 5 2-(p-Tolylmethyl)-p-xylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	5.61 ng	165628	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(p-Tolylmethyl)-p-xylene	210	C16H18	000721-45-9	80
2	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	70
3	1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	70
4	Benzenamine, 3-(2-phenylethenyl)...	195	C14H13N	014064-82-5	62
5	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	59





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Data File : BF080788.D
Acq On : 1 Aug 2015 19:01
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Sample : G3119-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BB-026CS-1(0-16FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

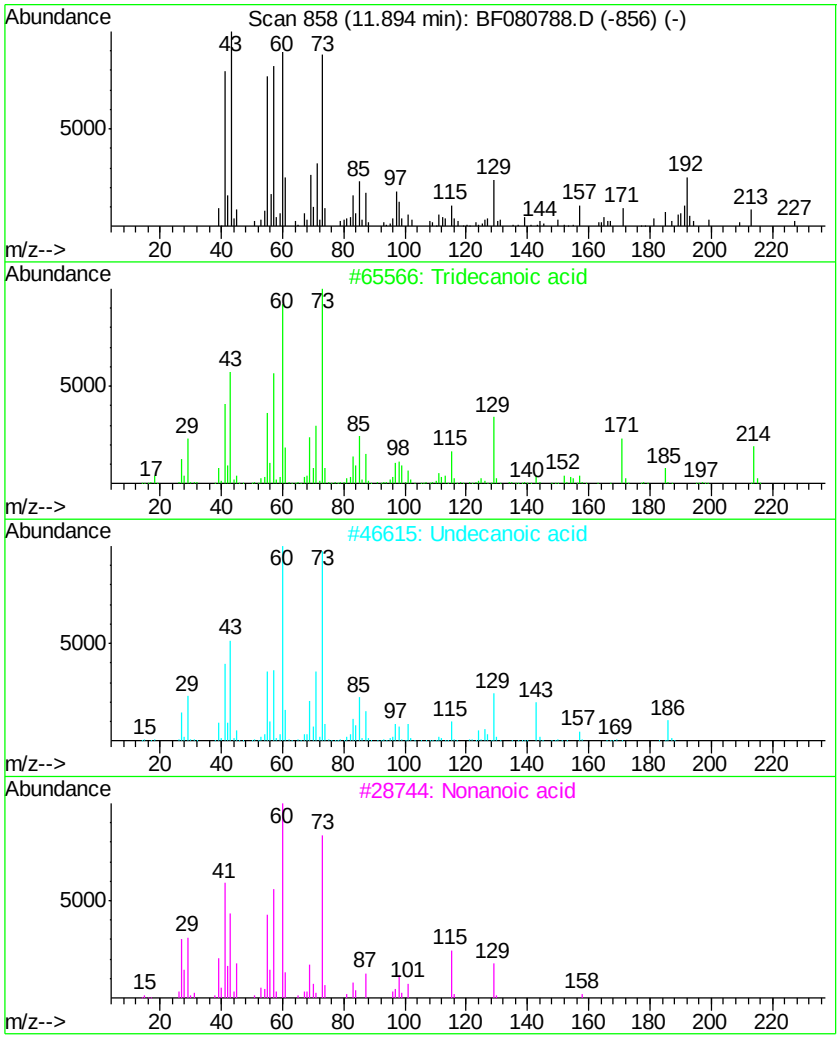
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

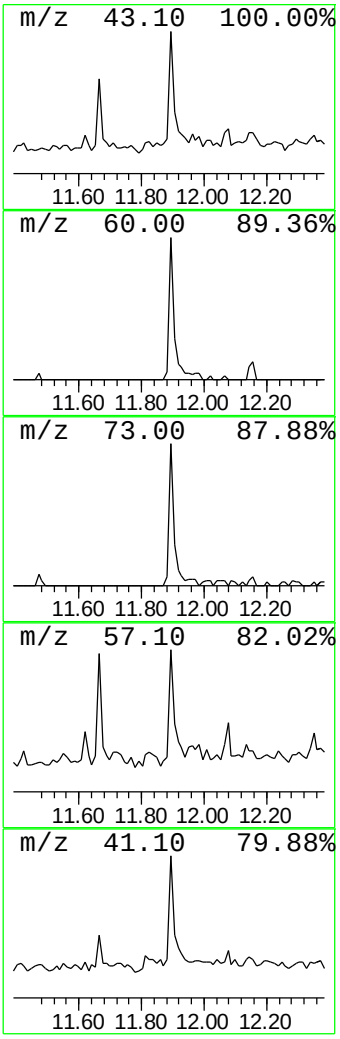
****

Peak Number 6 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	6.00 ng	177383	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	64
2	Undecanoic acid	186	C11H22O2	000112-37-8	45
3	Nonanoic acid	158	C9H18O2	000112-05-0	43
4	Dodecanoic acid	200	C12H24O2	000143-07-7	42
5	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	38





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Acq On : 1 Aug 2015 19:01
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Sample : G3119-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BB-026CS-1(0-16FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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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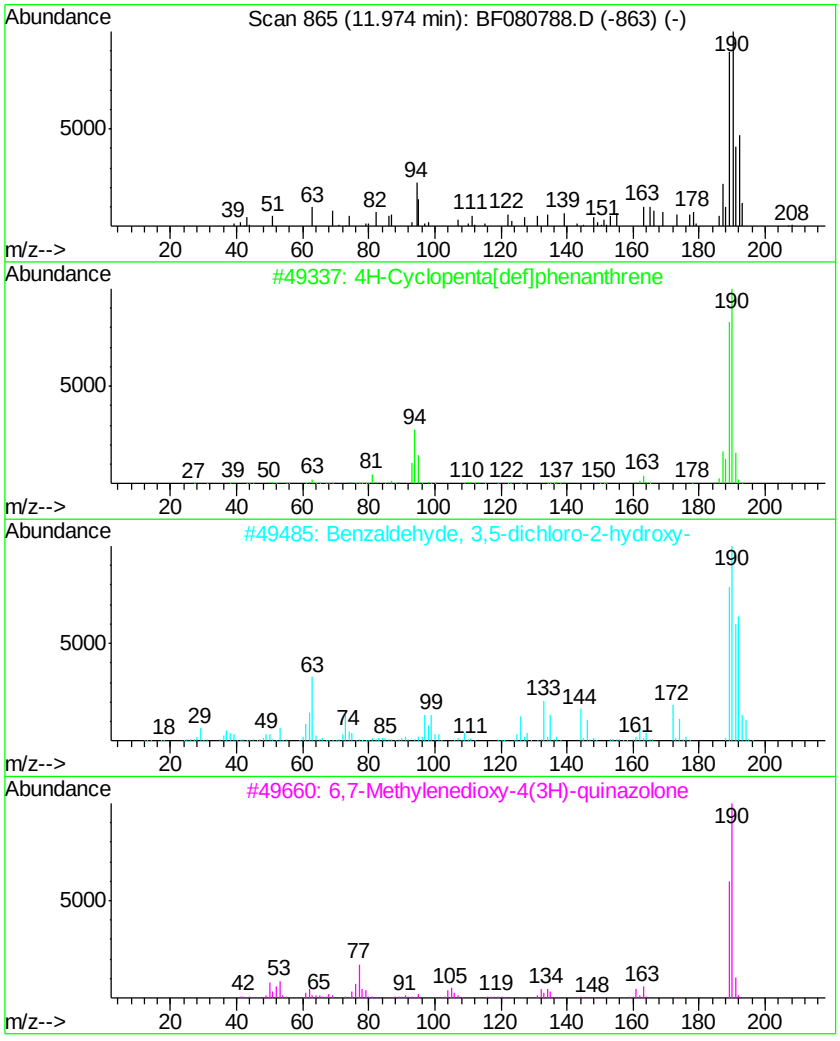
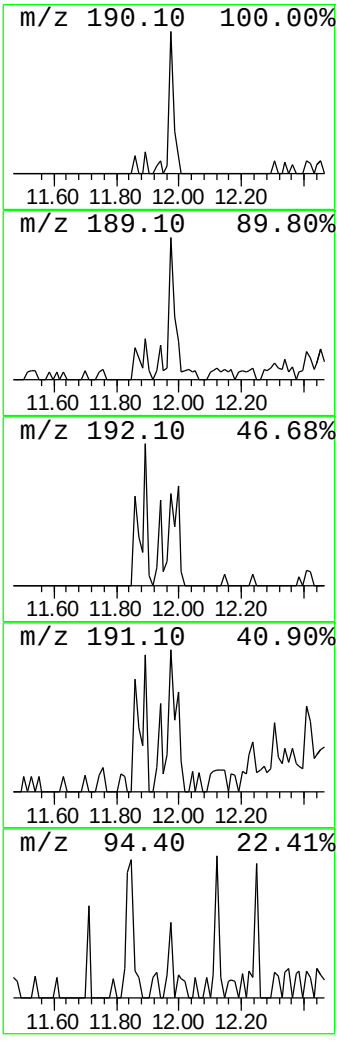
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	3.15 ng	93079	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	37
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	32
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





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Data File : BF080788.D
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Sample : G3119-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BB-026CS-1(0-16FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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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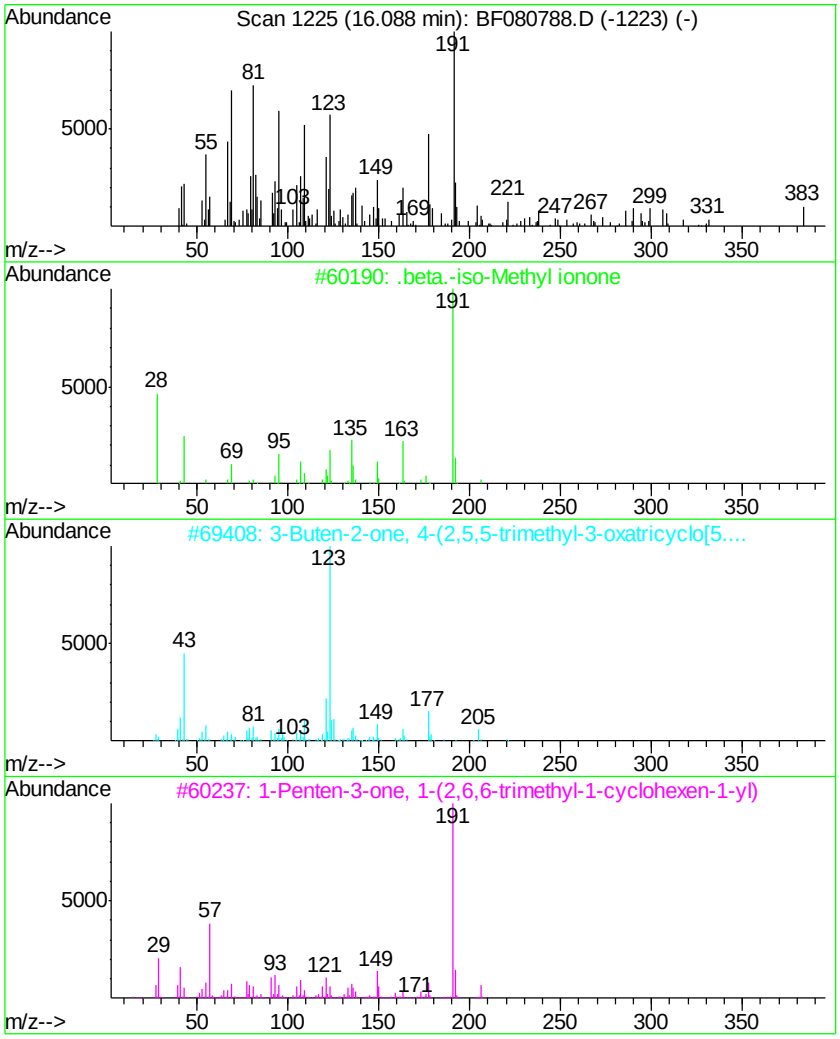
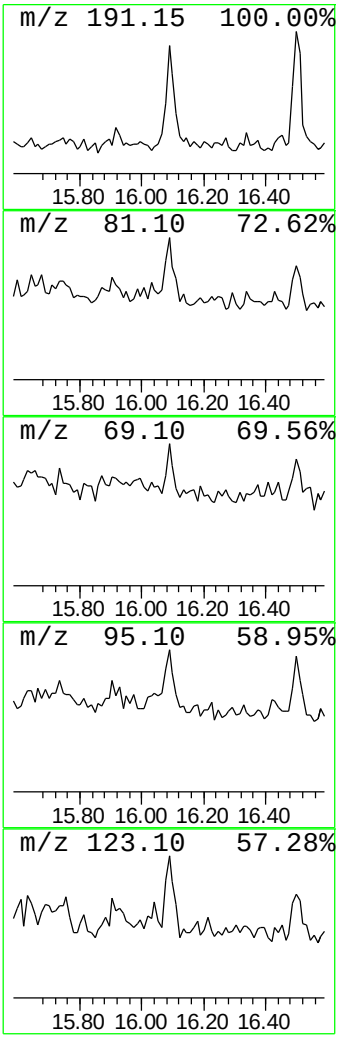
Peak Number 9 unknown16.09 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	3.40 ng	140337	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	47
2	3-Buten-2-one, 4-(2,5,5-trimethy...	220	C14H20O2	090054-46-9	25
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	22
4	Pyrido[2,3-d]pyrimidine-2,4(1H,3...	191	C9H9N3O2	024410-21-7	22
5	Amiphenazole	191	C9H9N3S	000490-55-1	22





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Acq On : 1 Aug 2015 19:01
Operator : TP/UM
Sample : G3119-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BB-026CS-1(0-16FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

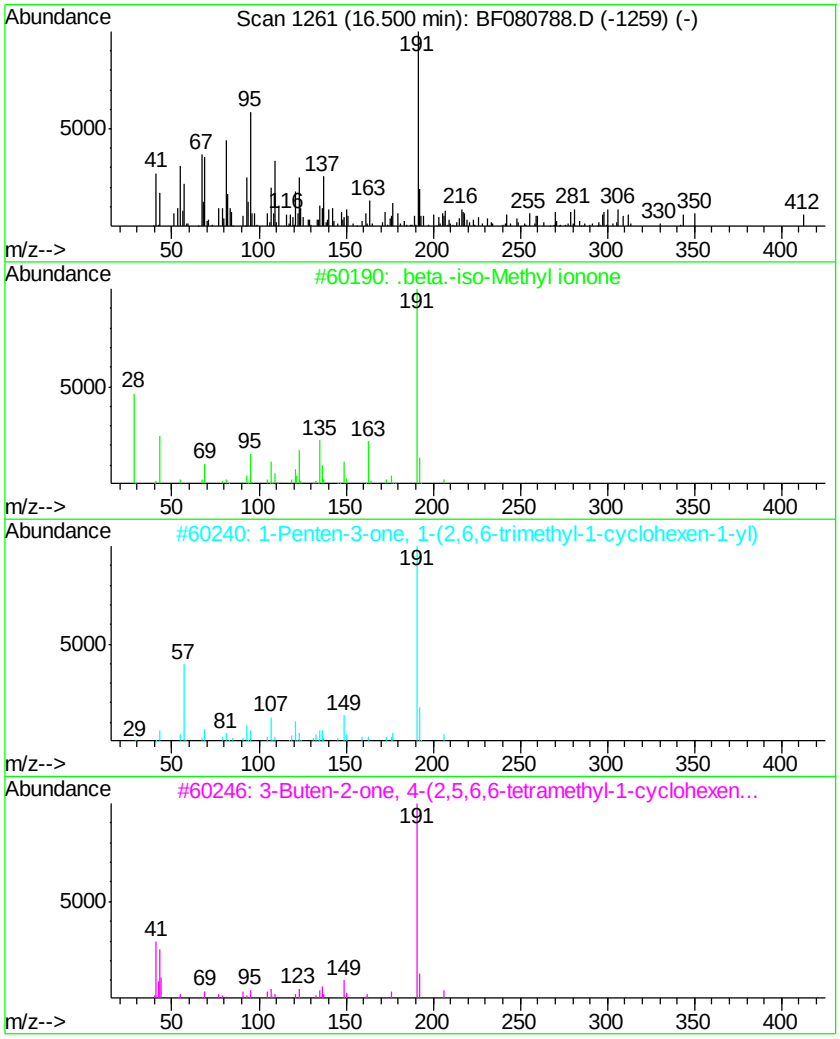
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

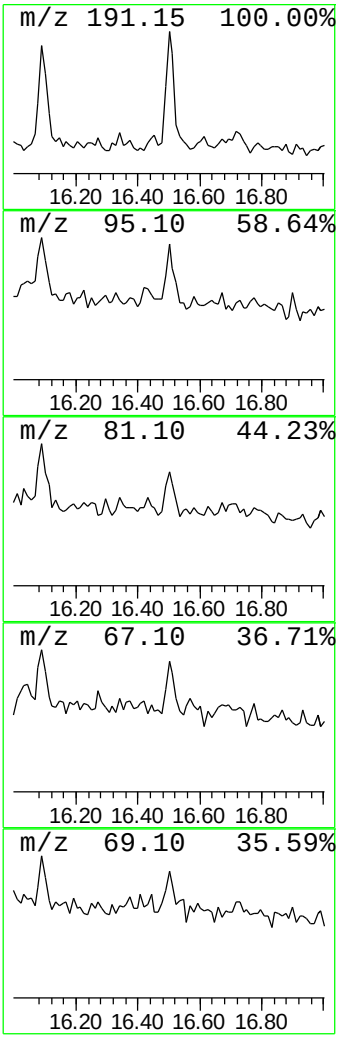
****

Peak Number 10 .beta.-iso-Methyl ionone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	3.17 ng	130756	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	62
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	43
3	3-Buten-2-one, 4-(2,5,6,6-tetram...	206	C14H22O	000079-70-9	38
4	2-(2-((2-Chloro-6-fluorobenzyl)s...	334	C17H16ClFN2S	1000298-18-2	38
5	Pyrido[3,4-d]pyridazin-1(2H)-one...	191	C8H9N5O	1000263-69-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080788.D
Acq On : 1 Aug 2015 19:01
Operator : TP/UM
Sample : G3119-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BB-026CS-1(0-16FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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...	4.38	2.8	ng	87403	1	6.85	622866	20.0
2-Pentanone, 4-hy...	5.05	76.3	ng	2374960	1	6.85	622866	20.0
2-(p-Tolylmethyl)...	10.78	5.6	ng	165628	4	11.37	590920	20.0
Tridecanoic acid	11.89	6.0	ng	177383	4	11.37	590920	20.0
4H-Cyclopenta[def...	11.97	3.1	ng	93079	4	11.37	590920	20.0
unknown16.09	16.09	3.4	ng	140337	6	15.41	825977	20.0
.beta.-iso-Methyl...	16.50	3.2	ng	130756	6	15.41	825977	20.0