LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019163.D
Acq On : 12 Oct 2015 15:34
Operator : UM/NP
Sample : G3989-06
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C8-GW

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_G\METHODS\8270-BG101015.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	3.144	46	52	60	rBV2	46440	83420	4.58%	0.865%
2	3.214	60	64	77	rVB	187112	262809	14.42%	2.727%
3	5.141	385	392	399	rBV	83859	123790	6.79%	1.284%
4	5.611	465	472	481	rVB	198630	312848	17.17%	3.246%
5	7.198	735	742	750	rBV	141513	238566	13.09%	2.475%
6	7.568	798	805	813	rVB	356726	604741	33.19%	6.274%
7	8.032	877	884	891	rBV	75130	124640	6.84%	1.293%
8	8.355	930	939	947	rBV	304139	520438	28.56%	5.399%
9	9.195	1075	1082	1092	rVB	298331	533652	29.28%	5.537%
10	10.235	1253	1259	1266	rVB3	14110	23251	1.28%	0.241%
11	10.840	1352	1362	1369	rBV	111692	203197	11.15%	2.108%
12	13.285	1771	1778	1784	rBV	816210	1281241	70.31%	13.293%
13	14.107	1913	1918	1923	rBV	33002	46251	2.54%	0.480%
14	14.659	2006	2012	2019	rBV3	193341	311221	17.08%	3.229%
15	15.611	2168	2174	2178	rBV9	8727	19478	1.07%	0.202%
16	15.917	2222	2226	2231	rBV7	16294	30190	1.66%	0.313%
17	16.040	2241	2247	2255	rBV	185171	350615	19.24%	3.638%
18	16.152	2259	2266	2280	rVB	745068	1188982	65.25%	12.335%
19	17.157	2434	2437	2443	rBV6	16851	23136	1.27%	0.240%
20	17.409	2474	2480	2488	rBV2	252689	397405	21.81%	4.123%
21	18.302	2628	2632	2638	rBV2	63709	97139	5.33%	1.008%
22	19.571	2845	2848	2853	rBV6	15655	22378	1.23%	0.232%
23	20.024	2919	2925	2930	rVB	1351619	1822274	100.00%	18.906%
24	21.322	3142	3146	3154	rBV	40450	66768	3.66%	0.693%
25	21.681	3201	3207	3214	rVB	289900	467546	25.66%	4.851%
26	24.906	3746	3756	3772	rVB	161570	461110	25.30%	4.784%
27	25.758	3898	3901	3910	rVB10	9120	21706	1.19%	0.225%

Sum of corrected areas: 9638792

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
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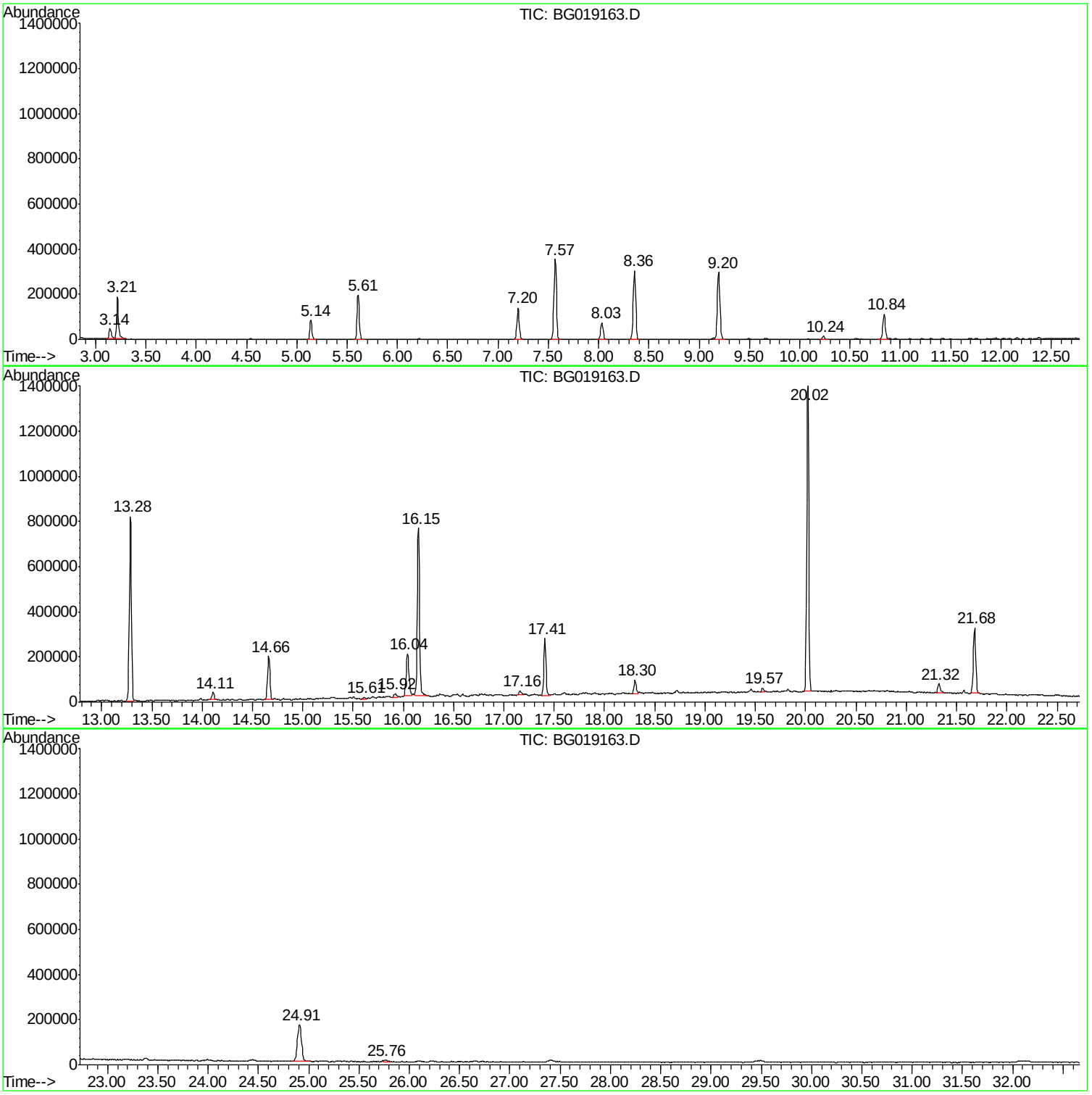
Operator : UM/NP
Sample : G3989-06
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C8-GW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.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_G\DATA\BG101215\
Data File : BG019163.D
Acq On : 12 Oct 2015 15:34
Operator : UM/NP
Sample : G3989-06
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C8-GW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.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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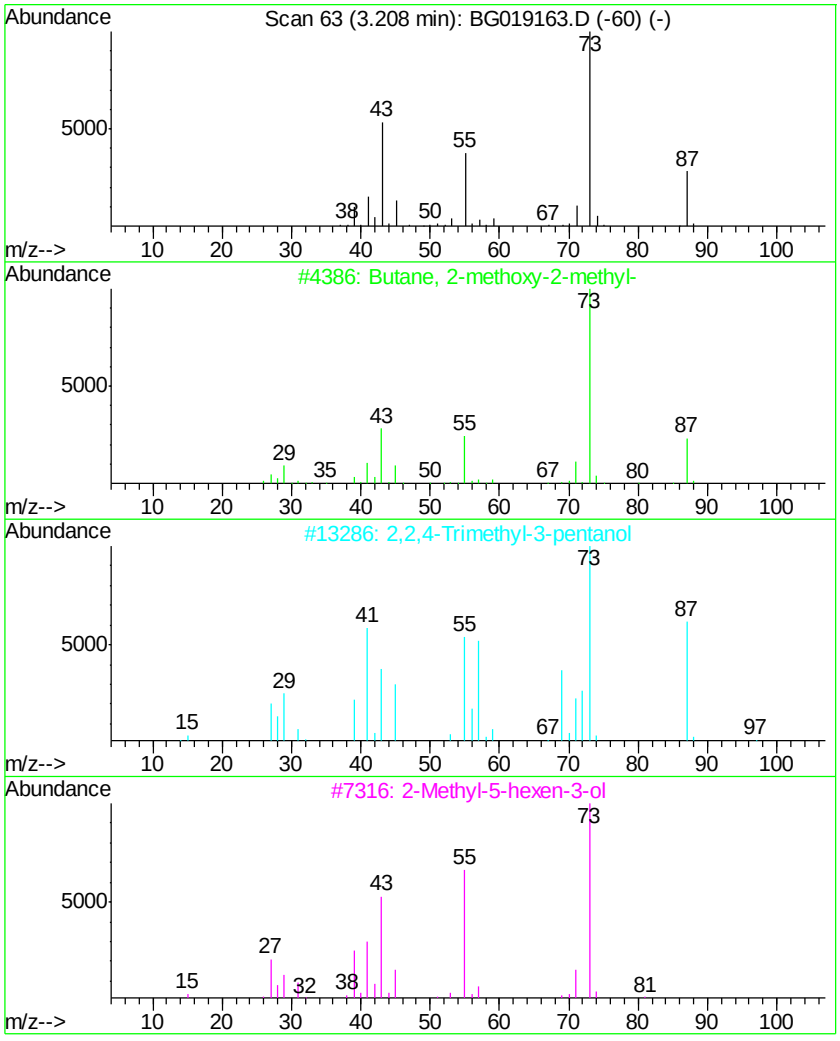
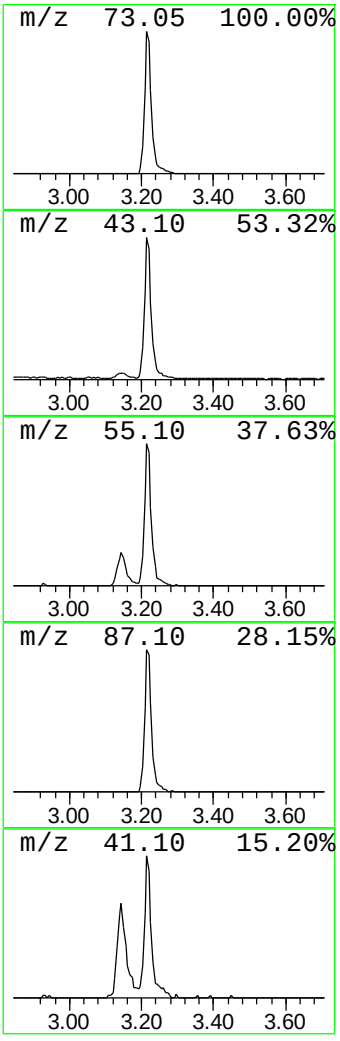
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	42.17 ng	262809	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019163.D
Acq On : 12 Oct 2015 15:34
Operator : UM/NP
Sample : G3989-06
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C8-GW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.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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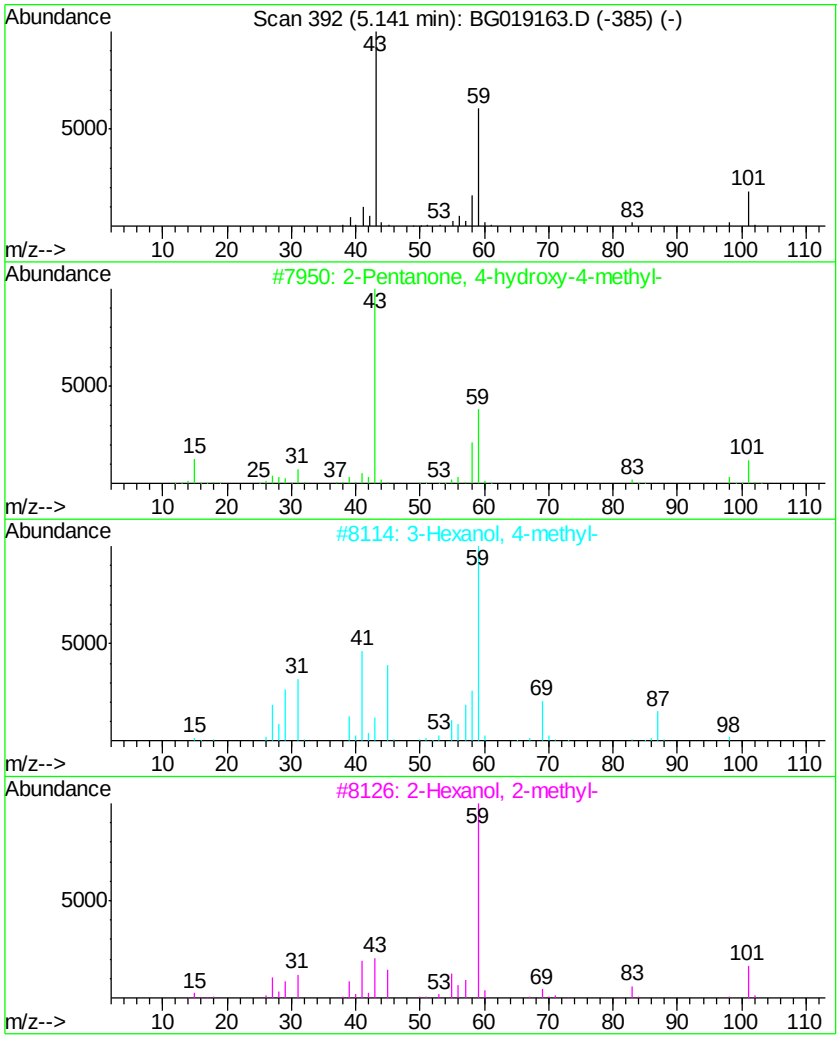
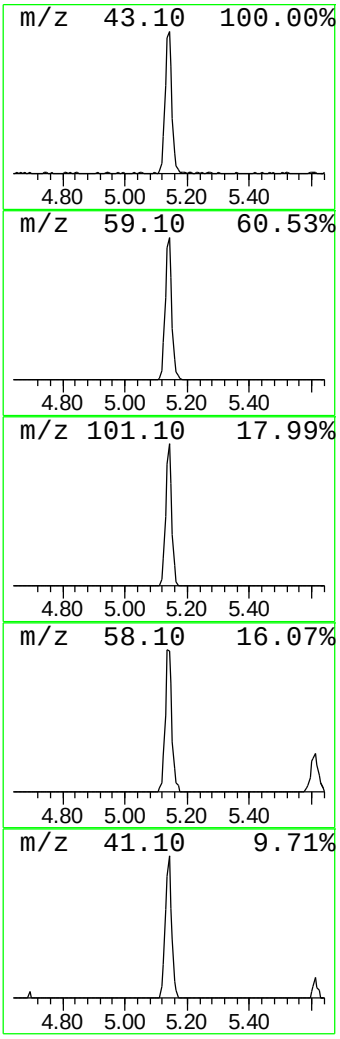
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	19.86 ng	123790	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Acetone	58	C3H6O	000067-64-1	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019163.D
Acq On : 12 Oct 2015 15:34
Operator : UM/NP
Sample : G3989-06
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C8-GW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.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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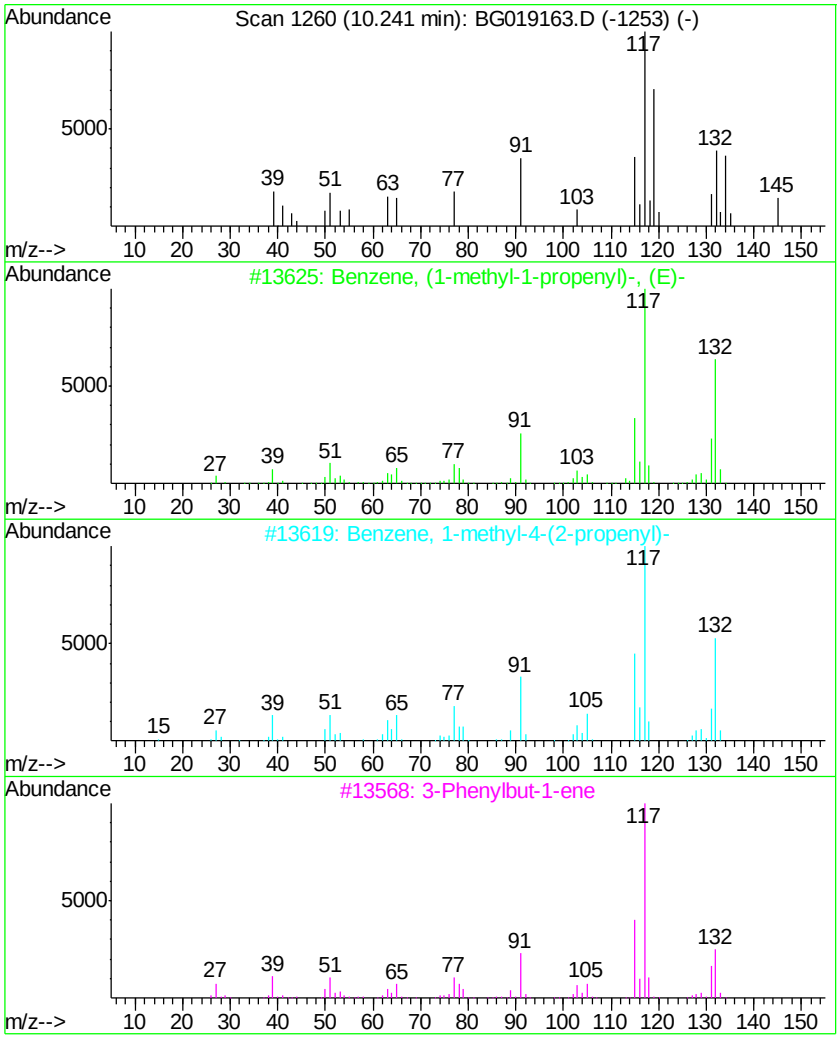
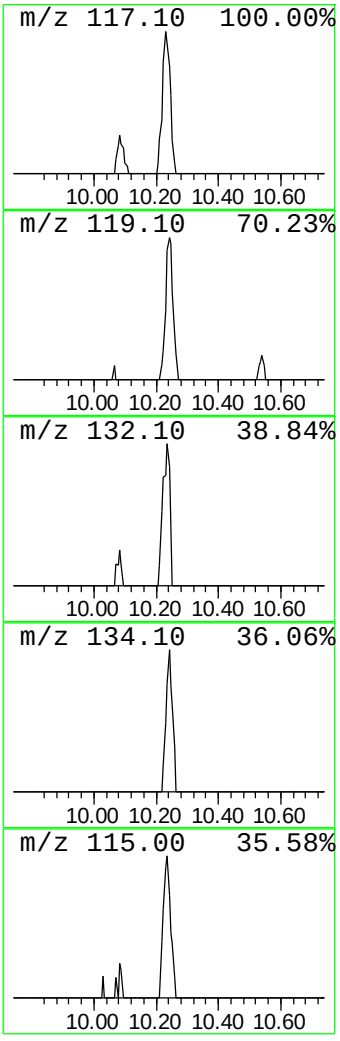
Peak Number 6 Benzene, (1-methyl-1-propen... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	2.29 ng	23251	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	62
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	58
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
Data File : BG019163.D
Acq On : 12 Oct 2015 15:34
Operator : UM/NP
Sample : G3989-06
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C8-GW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.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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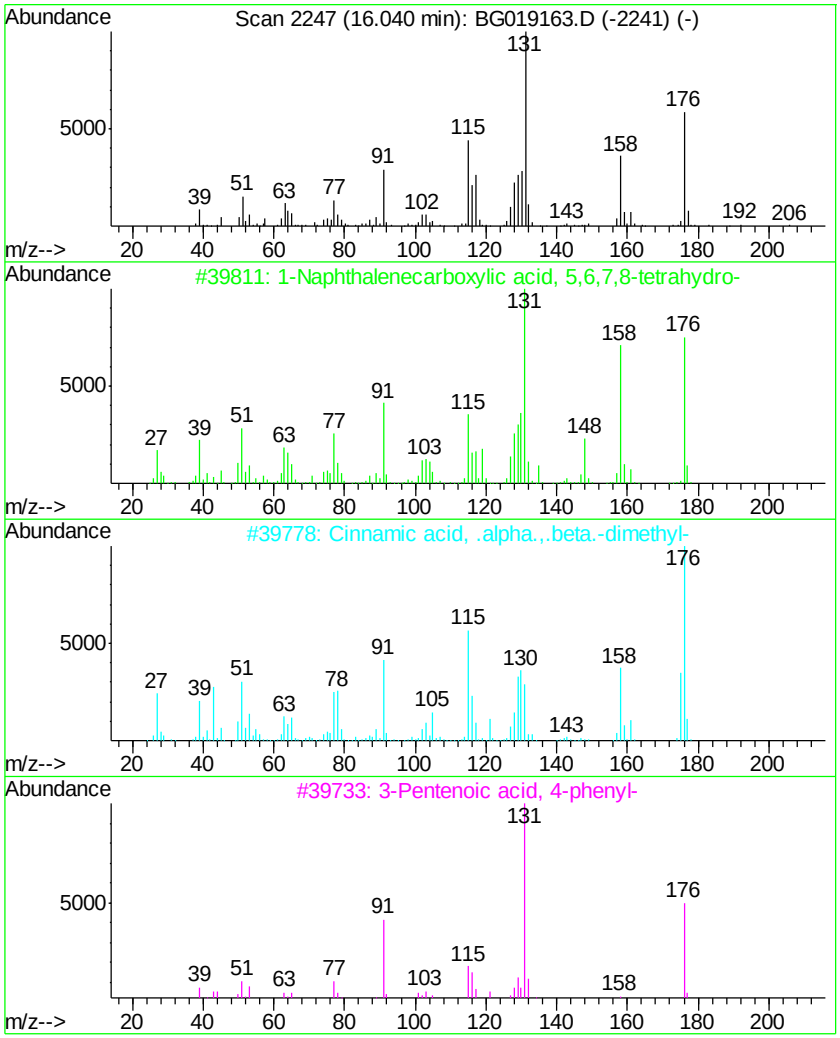
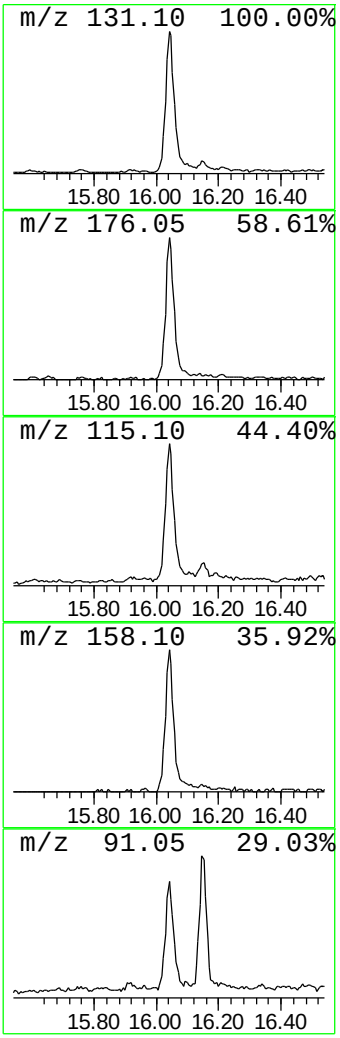
Peak Number 7 1-Naphthalenecarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	17.65 ng	350615	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	90
2	Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	55
3	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	47
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	47
5	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101215\
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Acq On : 12 Oct 2015 15:34
Operator : UM/NP
Sample : G3989-06
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C8-GW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

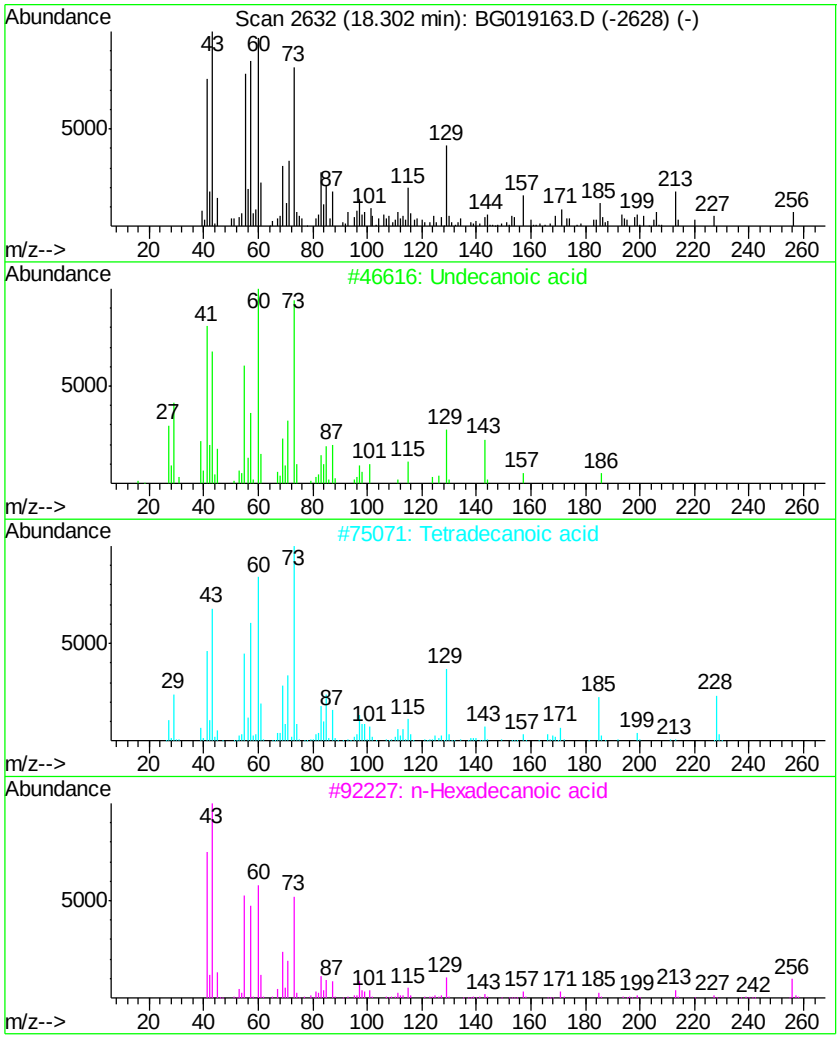
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

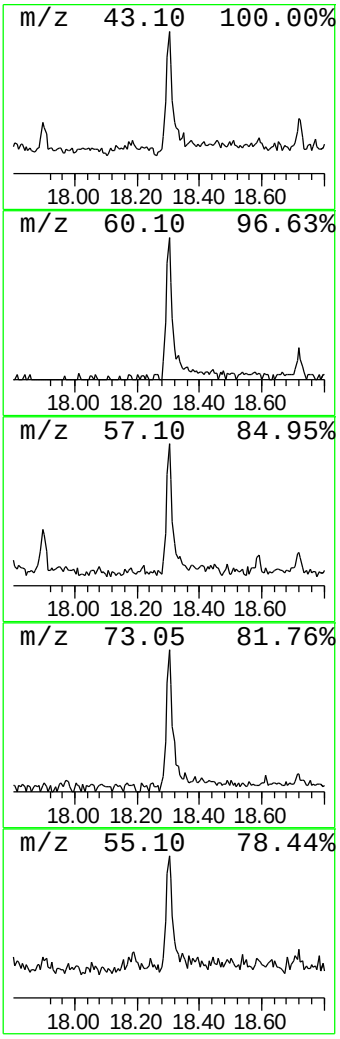
****

Peak Number 8 Undecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	4.89 ng	97139	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	86
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	47
5	1-(p-Toluidino)-1-deoxy-.beta.-d...	269	C13H19NO5	1000226-06-4	43





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Sample : G3989-06
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C8-GW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.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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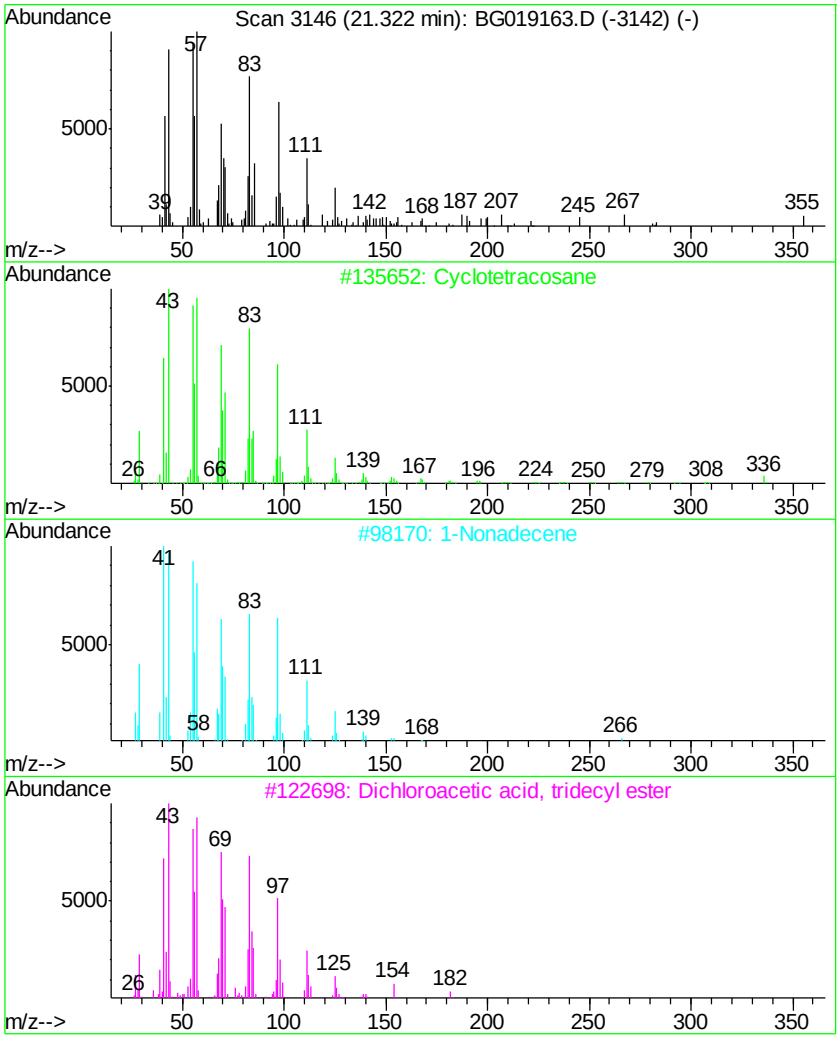
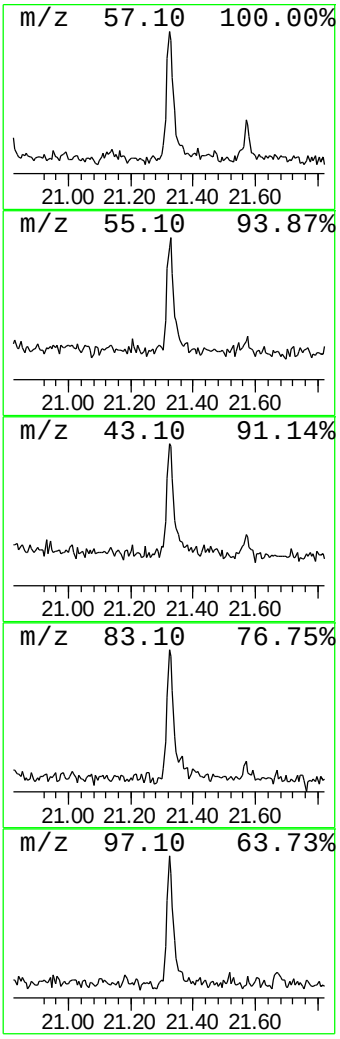
Peak Number 9 Cyclotetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	2.86 ng	66768	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	90
2	1-Nonadecene	266	C19H38	018435-45-5	90
3	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	87
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87
5	1-Docosene	308	C22H44	001599-67-3	86





Tentatively Identified Compound (LSC) summary

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Data File : BG019163.D
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Operator : UM/NP
Sample : G3989-06
Misc :
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Instrument : BNA_G
ClientSampleId : OW1-C8-GW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.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
Butane, 2-methoxy...	3.21	42.2	ng	262809	1	8.03	124640	20.0
2-Pentanone, 4-hy...	5.14	19.9	ng	123790	1	8.03	124640	20.0
Benzene, (1-methy...	10.24	2.3	ng	23251	2	10.84	203197	20.0
1-Naphthalenecarb...	16.04	17.6	ng	350615	4	17.41	397405	20.0
Undecanoic acid	18.30	4.9	ng	97139	4	17.41	397405	20.0
Cyclotetracosane	21.32	2.9	ng	66768	5	21.68	467546	20.0