LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016752.D
Acq On : 28 Apr 2015 4:35
Operator : TP/IZ
Sample : G1992-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC01

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-BG042315.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	2.720	3	5	10	rVB	104103	106232	4.49%	0.566%
2	4.682	332	339	348	rBV	113744	159947	6.76%	0.851%
3	5.164	415	421	433	rBV	741090	1047052	44.23%	5.574%
4	6.774	687	695	716	rBV	754822	1173276	49.56%	6.246%
5	7.109	746	752	762	rBV	813057	1236035	52.21%	6.580%
6	7.573	824	831	839	rVB	216578	331991	14.02%	1.767%
7	7.890	878	885	892	rBV	627972	962007	40.63%	5.121%
8	8.730	1021	1028	1038	rBV	450316	711065	30.03%	3.785%
9	10.358	1297	1305	1313	rBV	311342	517251	21.85%	2.754%
10	12.843	1721	1728	1739	rBV	1349930	1858238	78.49%	9.892%
11	13.689	1866	1872	1879	rBV	85337	124192	5.25%	0.661%
12	14.224	1955	1963	1970	rBV2	494547	736281	31.10%	3.920%
13	15.082	2105	2109	2116	rVB4	17413	24114	1.02%	0.128%
14	15.276	2137	2142	2152	rVB4	14117	29261	1.24%	0.156%
15	15.722	2210	2218	2226	rBV	880609	1181295	49.90%	6.289%
16	15.945	2250	2256	2263	rBV2	28973	49394	2.09%	0.263%
17	16.280	2306	2313	2318	rBV9	11648	23729	1.00%	0.126%
18	16.733	2386	2390	2393	rBV	23372	28962	1.22%	0.154%
19	16.974	2424	2431	2435	rBV	595961	836148	35.32%	4.451%
20	17.015	2435	2438	2442	rVB	117455	149133	6.30%	0.794%
21	17.103	2450	2453	2458	rVB	21563	25573	1.08%	0.136%
22	17.473	2512	2516	2521	rVV2	24787	32345	1.37%	0.172%
23	17.843	2575	2579	2581	rBV	36303	43286	1.83%	0.230%
24	17.878	2581	2585	2595	rVB2	122181	236334	9.98%	1.258%
25	18.037	2607	2612	2615	rBV2	49826	85134	3.60%	0.453%
26	18.072	2616	2618	2626	rVB	35598	51928	2.19%	0.276%
27	18.161	2629	2633	2637	rBV	23114	35054	1.48%	0.187%
28	18.349	2661	2665	2669	rBV2	19478	30529	1.29%	0.163%
29	18.772	2732	2737	2740	rBV	44204	63776	2.69%	0.340%
30	18.913	2757	2761	2769	rBV3	28296	62992	2.66%	0.335%
31	19.036	2775	2782	2788	rBV	246232	358494	15.14%	1.908%
32	19.165	2800	2804	2806	rBV3	31294	43403	1.83%	0.231%
33	19.306	2824	2828	2834	rVB	171041	194557	8.22%	1.036%
34	19.394	2834	2843	2852	rBV	245921	459688	19.42%	2.447%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016752.D
Acq On : 28 Apr 2015 4:35
Operator : TP/IZ
Sample : G1992-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC01

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-BG042315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.477	2853	2857	2862	rVB3	21223	36191	1.53%	0.193%
36	19.606	2873	2879	2891	rVB	2004458	2367507	100.00%	12.603%
37	19.718	2895	2898	2900	rBV4	23474	30376	1.28%	0.162%
38	19.894	2920	2928	2935	rVB3	52049	132218	5.58%	0.704%
39	19.994	2942	2945	2949	rBV	35164	44252	1.87%	0.236%
40	20.052	2951	2955	2960	rVB2	42761	59089	2.50%	0.315%
41	20.193	2975	2979	2983	rBV2	37898	51400	2.17%	0.274%
42	20.240	2983	2987	2990	rVV	33469	44835	1.89%	0.239%
43	20.352	3002	3006	3011	rVB	118300	139111	5.88%	0.741%
44	20.411	3013	3016	3019	rBV2	37329	43956	1.86%	0.234%
45	20.452	3020	3023	3026	rVB4	24754	27807	1.17%	0.148%
46	20.875	3091	3095	3101	rVV3	173674	251631	10.63%	1.340%
47	21.157	3136	3143	3147	rBV2	749406	1092854	46.16%	5.818%
48	21.192	3147	3149	3156	rVB	136341	174452	7.37%	0.929%
49	21.310	3166	3169	3175	rVB2	58617	69050	2.92%	0.368%
50	21.733	3238	3241	3242	rBV	46289	48736	2.06%	0.259%
51	22.403	3353	3355	3360	rVB2	58349	61413	2.59%	0.327%
52	23.166	3480	3485	3490	rBV	75920	133386	5.63%	0.710%
53	23.255	3498	3500	3507	rVB	89166	140908	5.95%	0.750%
54	23.354	3511	3517	3523	rBV2	449917	826905	34.93%	4.402%

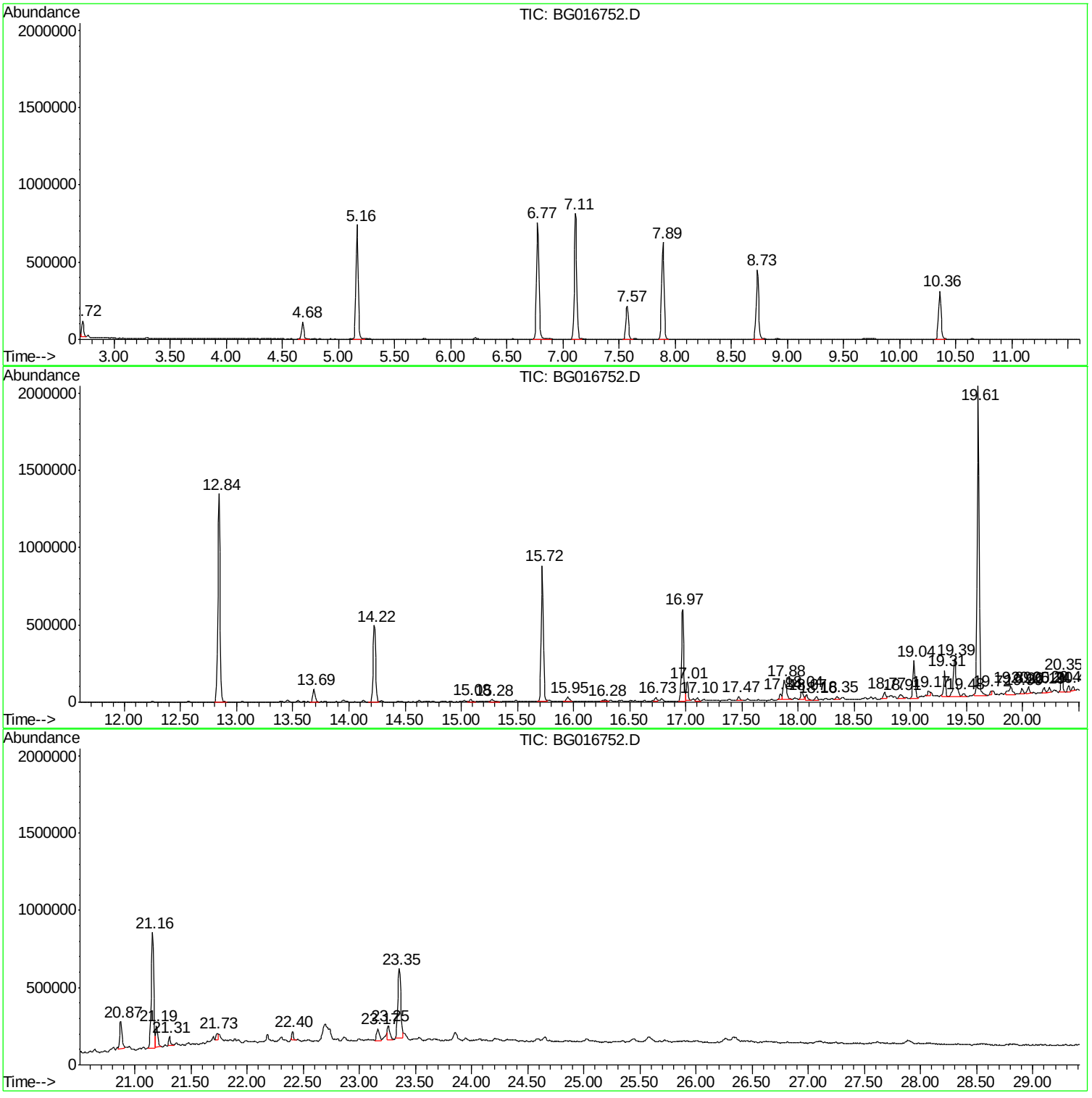
Sum of corrected areas: 18784773

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016752.D
Acq On : 28 Apr 2015 4:35
Operator : TP/IZ
Sample : G1992-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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 G\DATA\BG042715\
Data File : BG016752.D
Acq On : 28 Apr 2015 4:35
Operator : TP/IZ
Sample : G1992-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

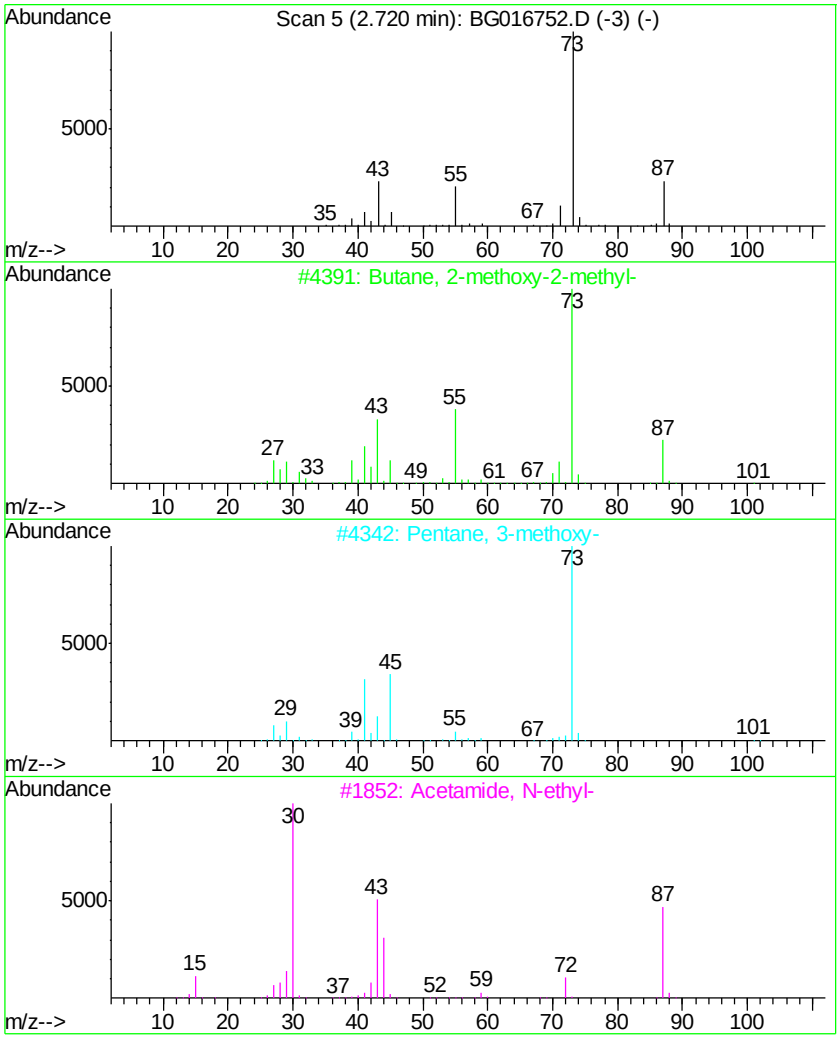
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

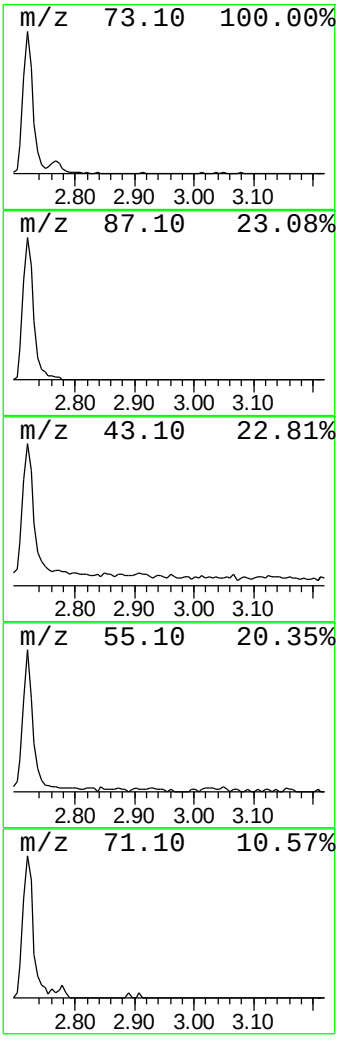
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	6.40 ng	106232	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016752.D
Acq On : 28 Apr 2015 4:35
Operator : TP/IZ
Sample : G1992-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

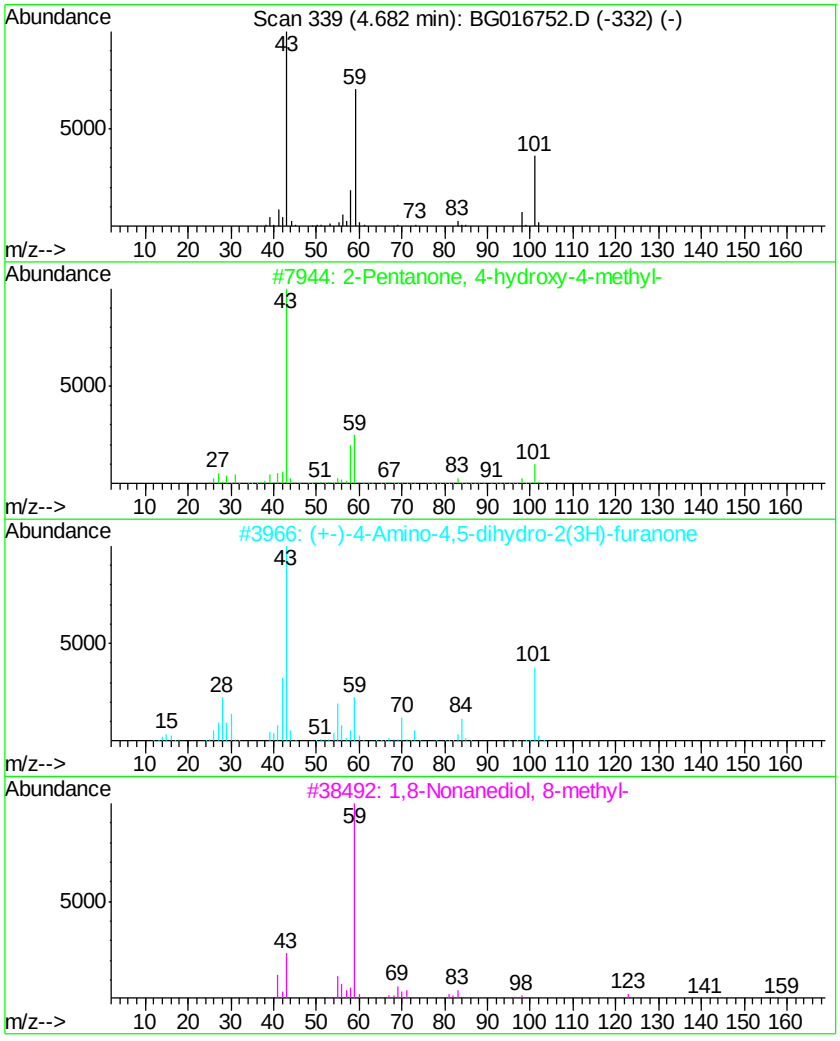
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

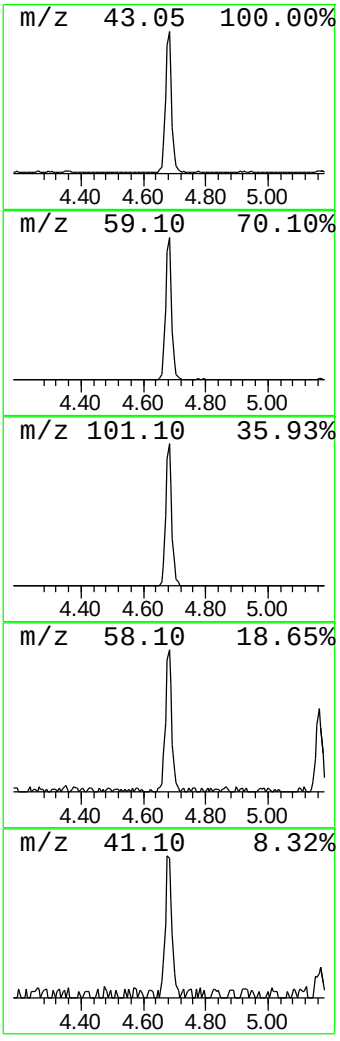
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	9.64 ng	159947	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Guanidine	59	CH5N3	000113-00-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016752.D
Acq On : 28 Apr 2015 4:35
Operator : TP/IZ
Sample : G1992-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

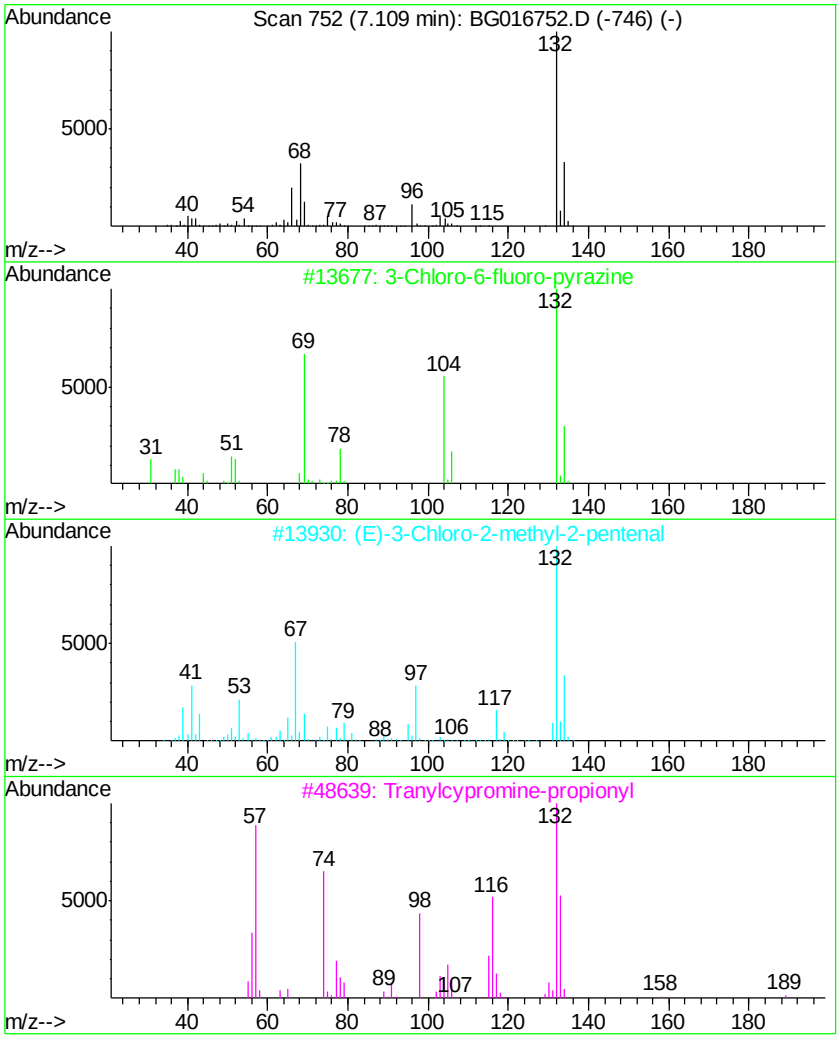
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

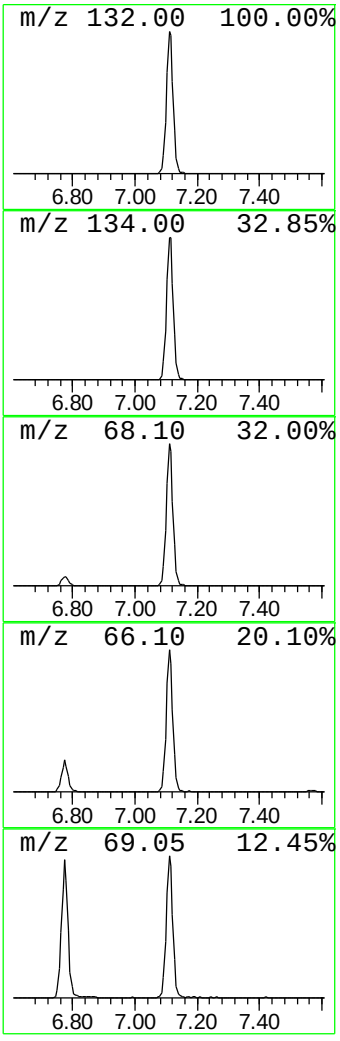
****

Peak Number 3 unknown7.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	74.46 ng	1236040	1,4-Dichlorobenzene-d4	7.57

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016752.D
Acq On : 28 Apr 2015 4:35
Operator : TP/IZ
Sample : G1992-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

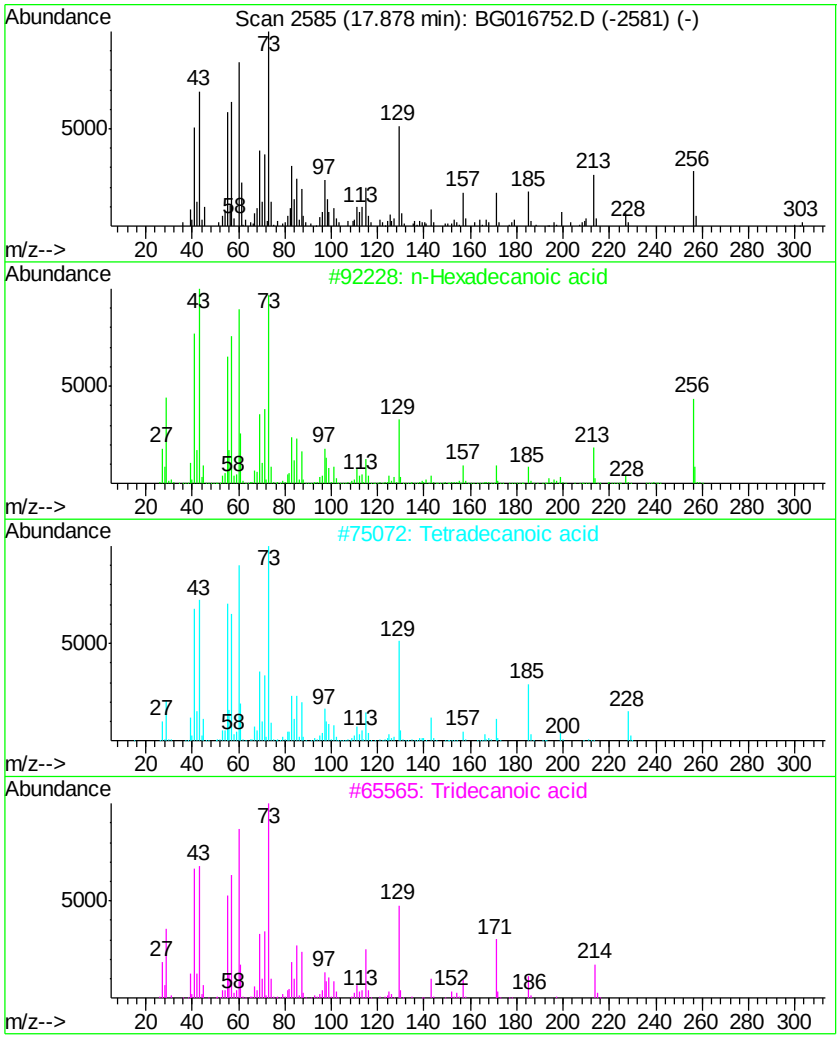
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

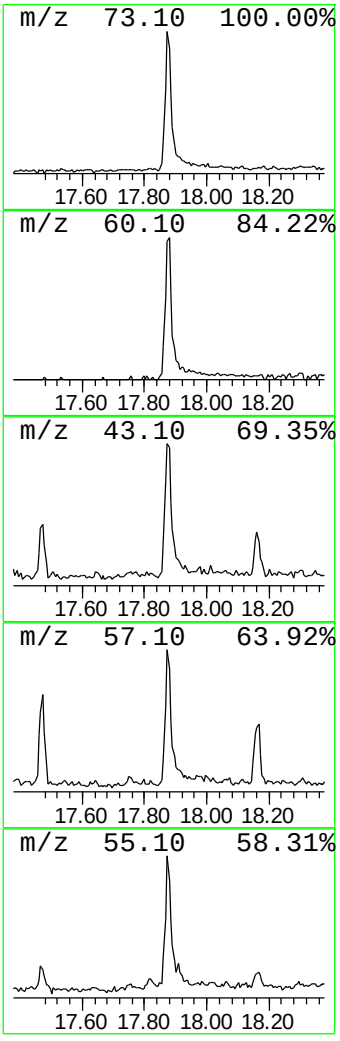
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	5.65 ng	236334	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Undecanoic acid	186	C11H22O2	000112-37-8	50
5	.alpha.-d-6,3-Furanose, methyl-....	192	C7H12O6	1000149-62-6	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016752.D
Acq On : 28 Apr 2015 4:35
Operator : TP/IZ
Sample : G1992-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

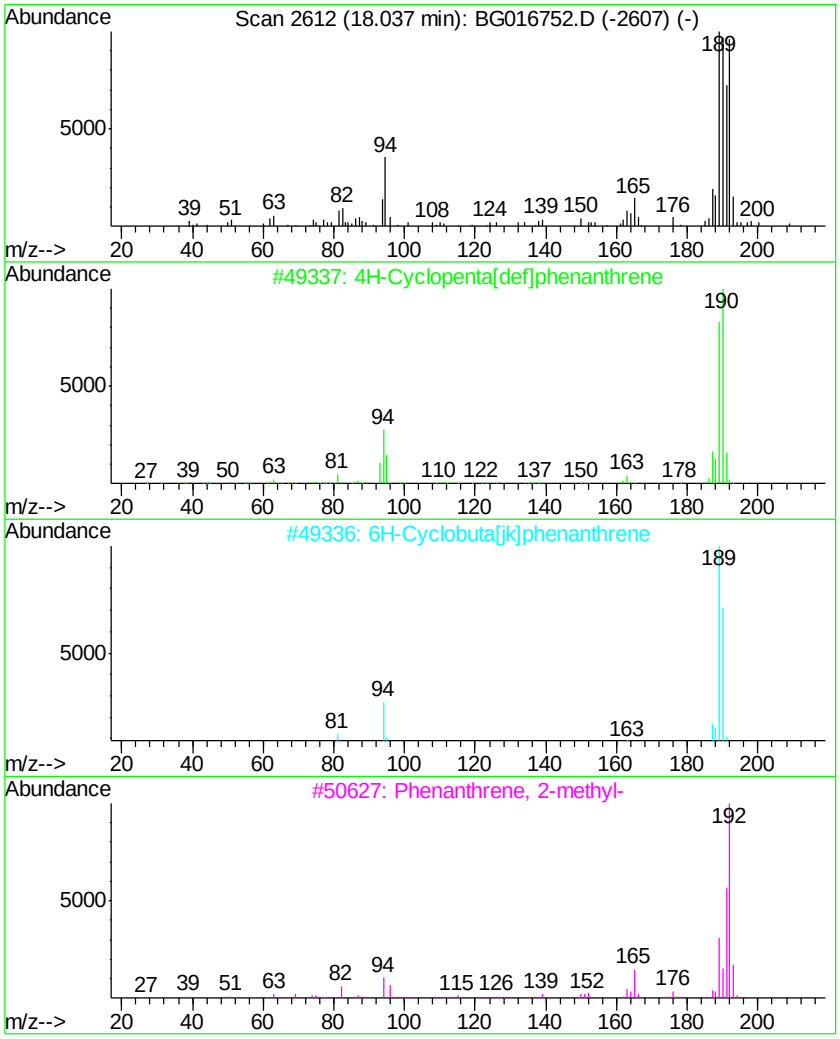
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

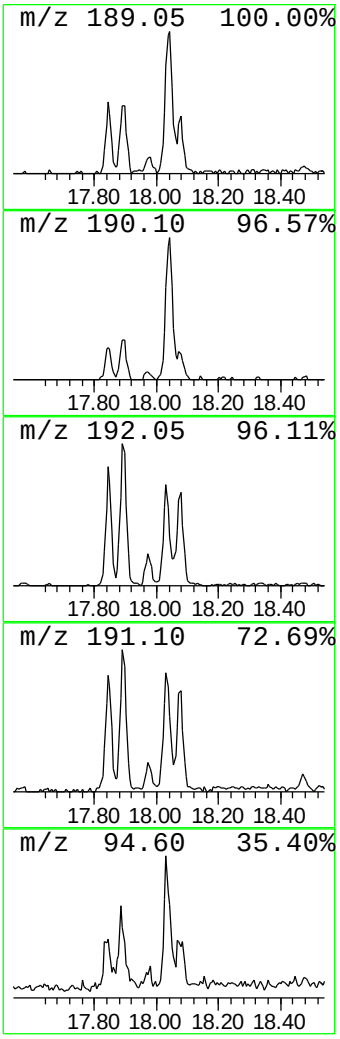
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.04 ng	85134	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	41
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	41
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016752.D
Acq On : 28 Apr 2015 4:35
Operator : TP/IZ
Sample : G1992-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

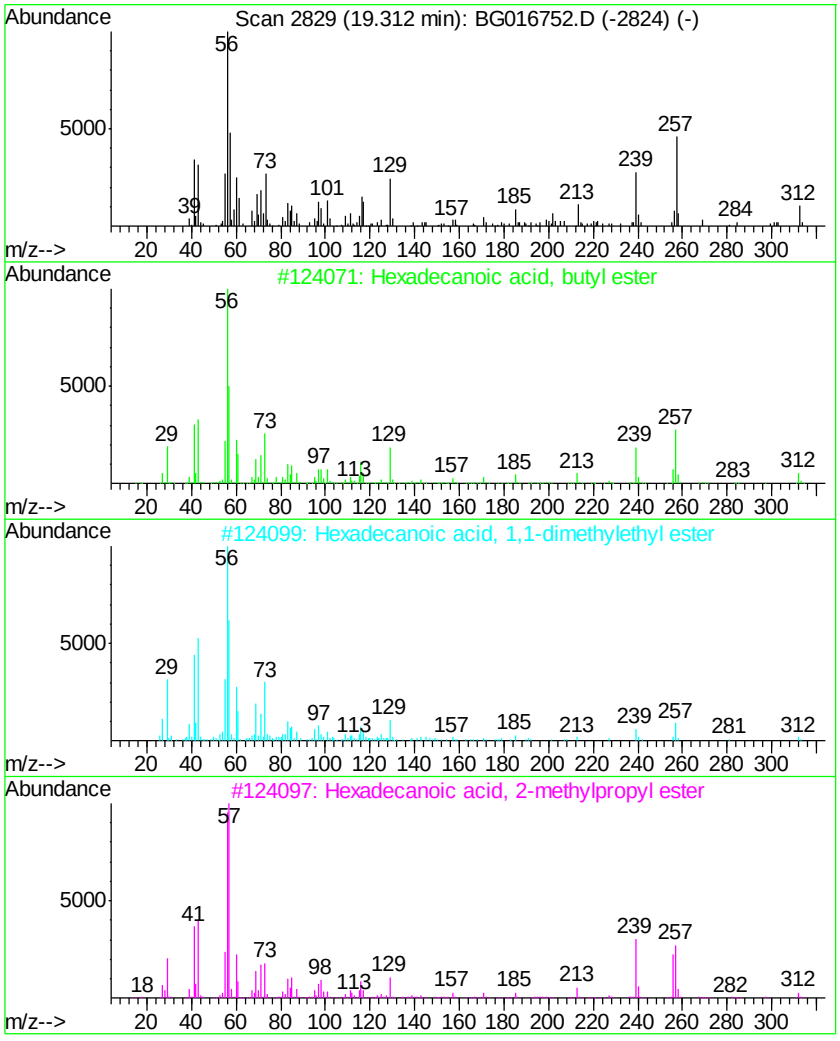
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

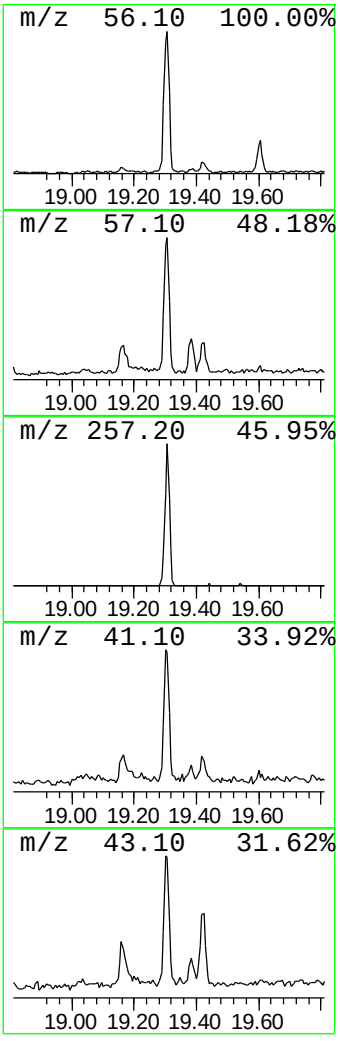
****

Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	3.56 ng	194557	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	99
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	91
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	81
4	Nipecotic acid	129	C6H11NO2	000498-95-3	38
5	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016752.D
Acq On : 28 Apr 2015 4:35
Operator : TP/IZ
Sample : G1992-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

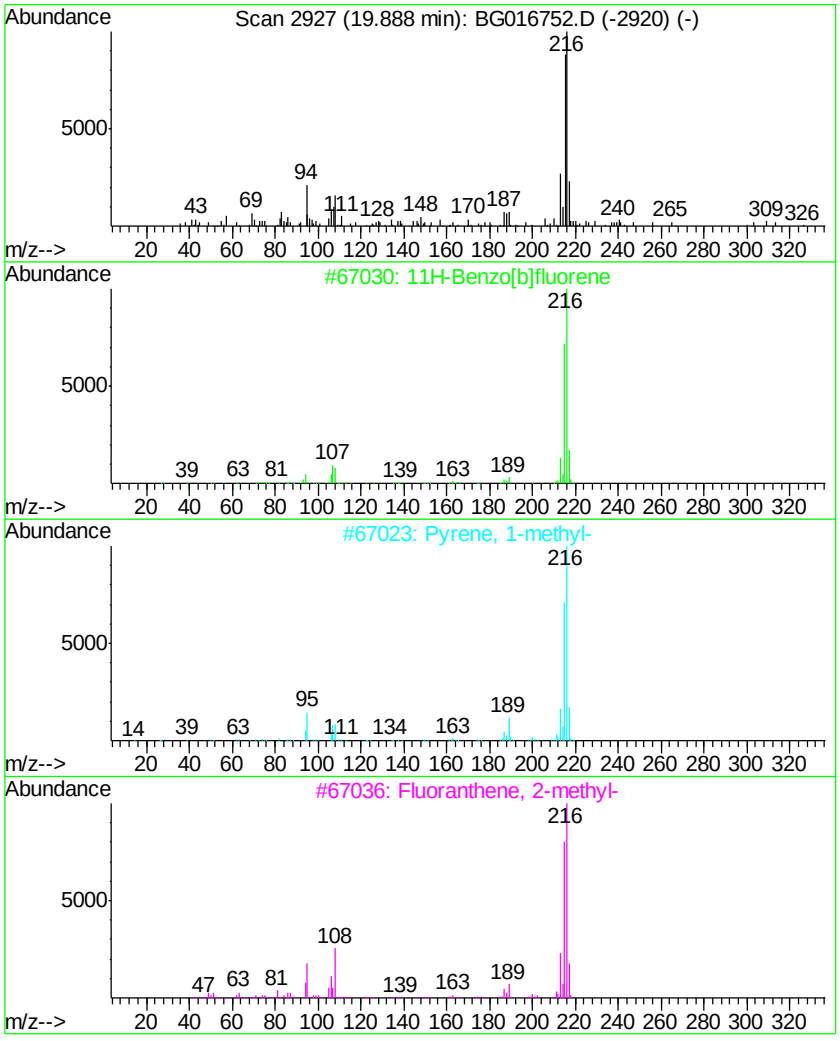
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

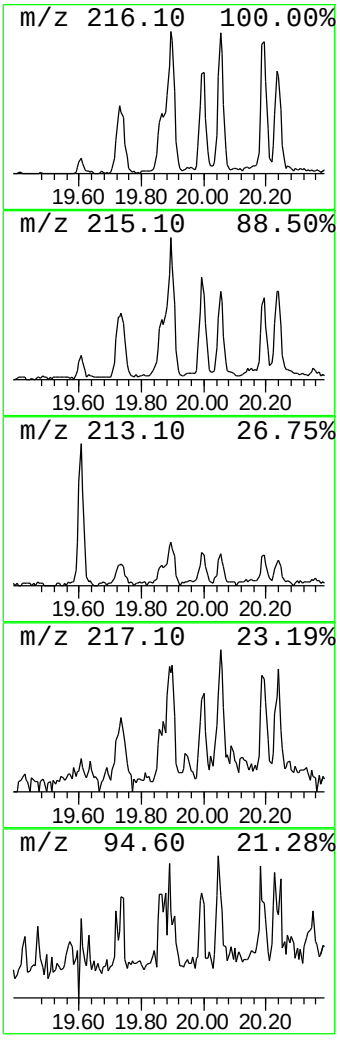
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	2.42 ng	132218	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016752.D
Acq On : 28 Apr 2015 4:35
Operator : TP/IZ
Sample : G1992-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

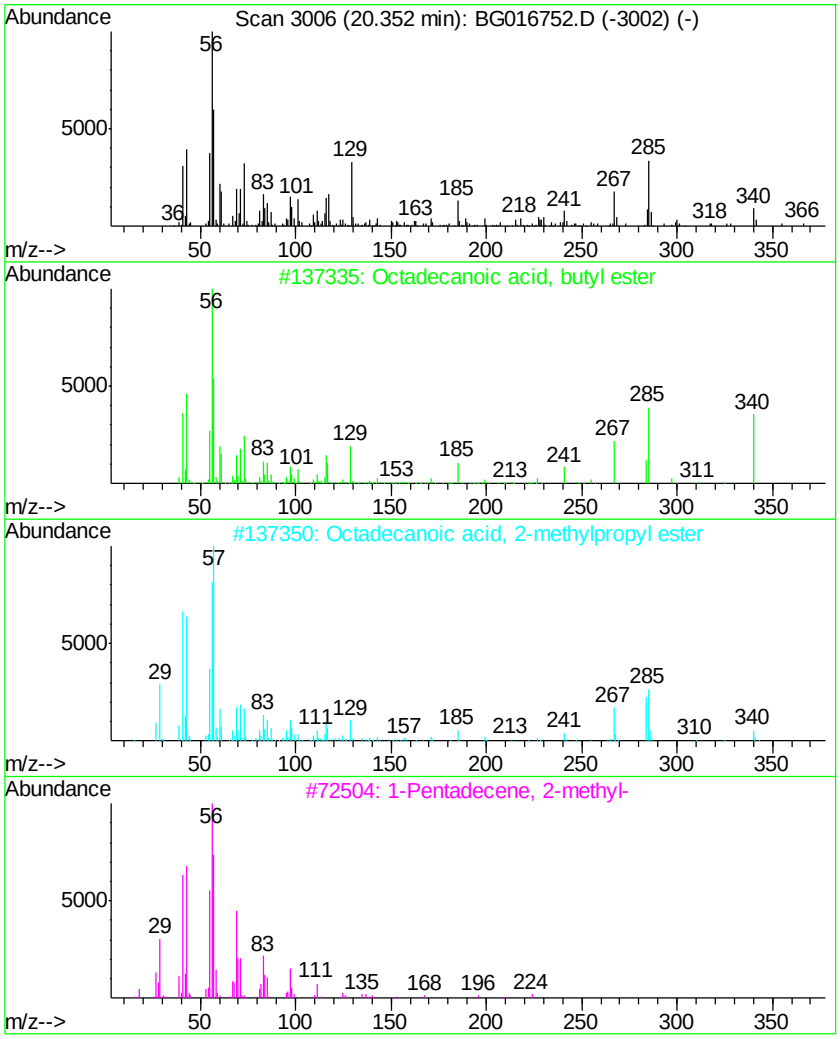
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

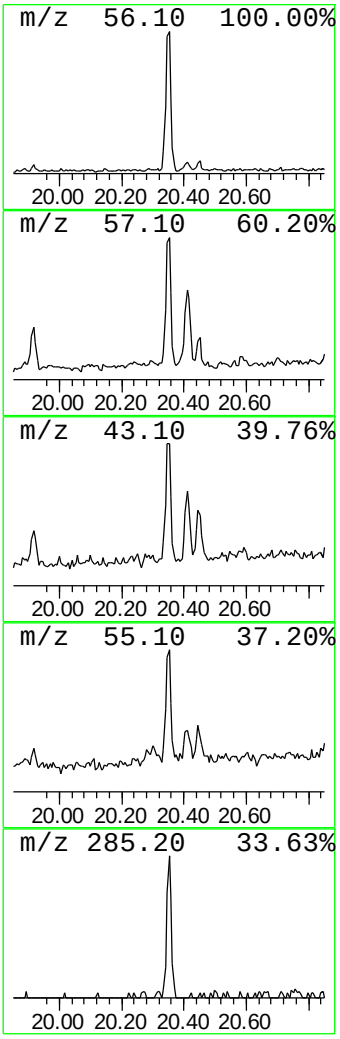
****

Peak Number 9 Octadecanoic acid, butyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.35	2.55 ng	139111	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	95
2	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	93
3	1-Pentadecene, 2-methyl-	224	C16H32	029833-69-0	56
4	n-Butyl myristate	284	C18H36O2	000110-36-1	50
5	Nipecotic acid	129	C6H11NO2	000498-95-3	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016752.D
Acq On : 28 Apr 2015 4:35
Operator : TP/IZ
Sample : G1992-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

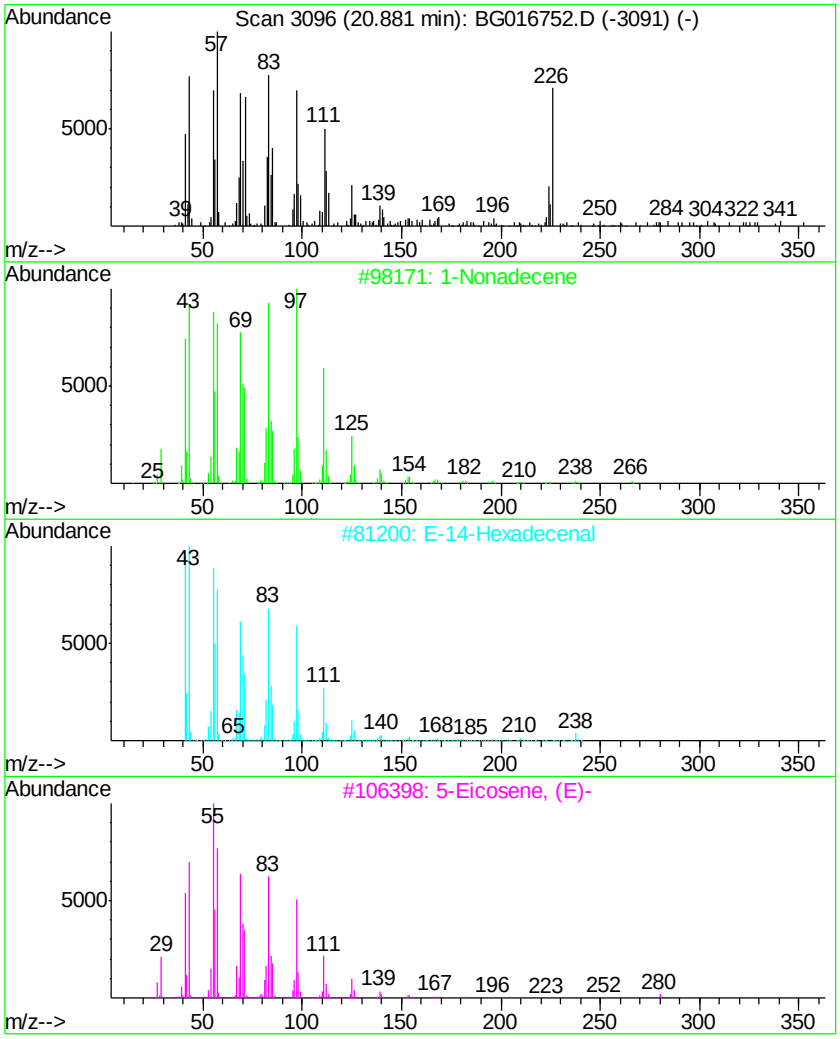
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

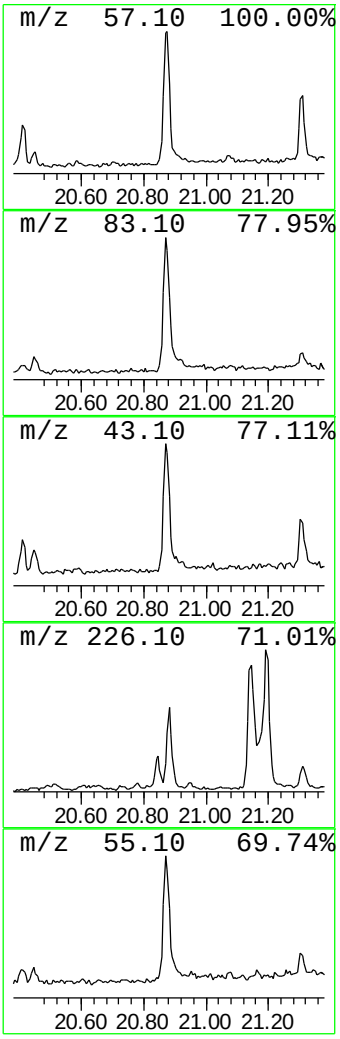
****

Peak Number 10 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	4.61 ng	251631	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	93
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	93
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042715\
Data File : BG016752.D
Acq On : 28 Apr 2015 4:35
Operator : TP/IZ
Sample : G1992-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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...	2.72	6.4	ng	106232	1	7.57	331991	20.0
2-Pentanone, 4-hy...	4.68	9.6	ng	159947	1	7.57	331991	20.0
unknown7.11	7.11	74.5	ng	1236040	1	7.57	331991	20.0
n-Hexadecanoic acid	17.88	5.7	ng	236334	4	16.97	836148	20.0
4H-Cyclopenta[def...	18.04	2.0	ng	85134	4	16.97	836148	20.0
Hexadecanoic acid...	19.31	3.6	ng	194557	5	21.16	1092850	20.0
11H-Benzo[b]fluorene	19.89	2.4	ng	132218	5	21.16	1092850	20.0
Octadecanoic acid...	20.35	2.5	ng	139111	5	21.16	1092850	20.0
1-Nonadecene	20.88	4.6	ng	251631	5	21.16	1092850	20.0