LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017449.D
Acq On : 4 Jun 2015 19:33
Operator : TP/IZ
Sample : G2491-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602

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-BG060315.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	2.773	10	14	26	rVB	147046	199792	32.72%	4.789%
2	4.242	259	264	270	rVB2	24572	36236	5.94%	0.869%
3	5.218	425	430	438	rBV	44418	64348	10.54%	1.542%
4	6.828	698	704	715	rVB3	28722	52344	8.57%	1.255%
5	7.162	756	761	769	rBV	84909	133838	21.92%	3.208%
6	7.627	834	840	847	rBV	61461	96399	15.79%	2.311%
7	7.944	888	894	902	rBV2	88426	137338	22.49%	3.292%
8	8.426	971	976	981	rBV3	3933	7230	1.18%	0.173%
9	8.784	1031	1037	1046	rBV	78961	132427	21.69%	3.174%
10	9.313	1122	1127	1132	rBV2	3410	6273	1.03%	0.150%
11	10.417	1308	1315	1323	rVB	84419	136838	22.41%	3.280%
12	11.916	1567	1570	1580	rVB5	3778	7918	1.30%	0.190%
13	12.603	1680	1687	1696	rBV5	11087	24837	4.07%	0.595%
14	12.868	1726	1732	1734	rBV2	47491	71069	11.64%	1.703%
15	12.903	1734	1738	1745	rVB	215356	303392	49.69%	7.272%
16	13.714	1869	1876	1877	rBV5	3887	7322	1.20%	0.176%
17	13.749	1879	1882	1887	rVB2	12665	20386	3.34%	0.489%
18	14.113	1939	1944	1948	rBV3	7999	12967	2.12%	0.311%
19	14.289	1968	1974	1981	rVB	128790	195429	32.01%	4.684%
20	15.024	2095	2099	2104	rBV5	6377	10172	1.67%	0.244%
21	15.288	2139	2144	2148	rBV5	3344	6228	1.02%	0.149%
22	15.782	2223	2228	2237	rBV2	166453	261799	42.88%	6.275%
23	15.923	2248	2252	2256	rVB5	5147	8261	1.35%	0.198%
24	16.017	2263	2268	2275	rVB8	6464	14226	2.33%	0.341%
25	16.316	2311	2319	2322	rBV5	8329	16125	2.64%	0.387%
26	16.804	2398	2402	2406	rBV5	9559	14113	2.31%	0.338%
27	17.039	2436	2442	2449	rVB2	201434	284445	46.59%	6.818%
28	17.204	2469	2470	2476	rVB5	6312	8615	1.41%	0.206%
29	17.280	2479	2483	2487	rVB4	18553	25163	4.12%	0.603%
30	17.433	2505	2509	2514	rBV6	7104	13617	2.23%	0.326%
31	17.544	2525	2528	2533	rVB6	10784	16252	2.66%	0.390%
32	17.879	2582	2585	2591	rVB7	8035	13483	2.21%	0.323%
33	17.950	2591	2597	2604	rBV2	78831	130849	21.43%	3.136%
34	18.056	2613	2615	2621	rVB7	5928	7436	1.22%	0.178%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017449.D
Acq On : 4 Jun 2015 19:33
Operator : TP/IZ
Sample : G2491-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602

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-BG060315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.238	2642	2646	2648	rBV5	8599	10525	1.72%	0.252%
36	18.367	2666	2668	2673	rVB6	4277	6707	1.10%	0.161%
37	18.602	2704	2708	2714	rBV	10858	17923	2.94%	0.430%
38	18.896	2756	2758	2762	rVB5	9575	12056	1.97%	0.289%
39	19.166	2801	2804	2811	rVB9	13750	18339	3.00%	0.440%
40	19.231	2811	2815	2819	rBV4	43854	63301	10.37%	1.517%
41	19.677	2886	2891	2899	rBV2	463301	610539	100.00%	14.634%
42	20.476	3022	3027	3033	rVB	67557	84861	13.90%	2.034%
43	20.523	3033	3035	3038	rBV3	6423	8079	1.32%	0.194%
44	20.594	3043	3047	3052	rBV3	38809	62316	10.21%	1.494%
45	20.952	3104	3108	3114	rBV4	45235	71752	11.75%	1.720%
46	21.228	3150	3155	3162	rVB	284822	356743	58.43%	8.551%
47	21.810	3251	3254	3255	rBV3	12017	12942	2.12%	0.310%
48	23.467	3528	3536	3544	rVB2	182468	345276	56.55%	8.276%
49	27.445	4210	4213	4216	rBV4	7857	13429	2.20%	0.322%

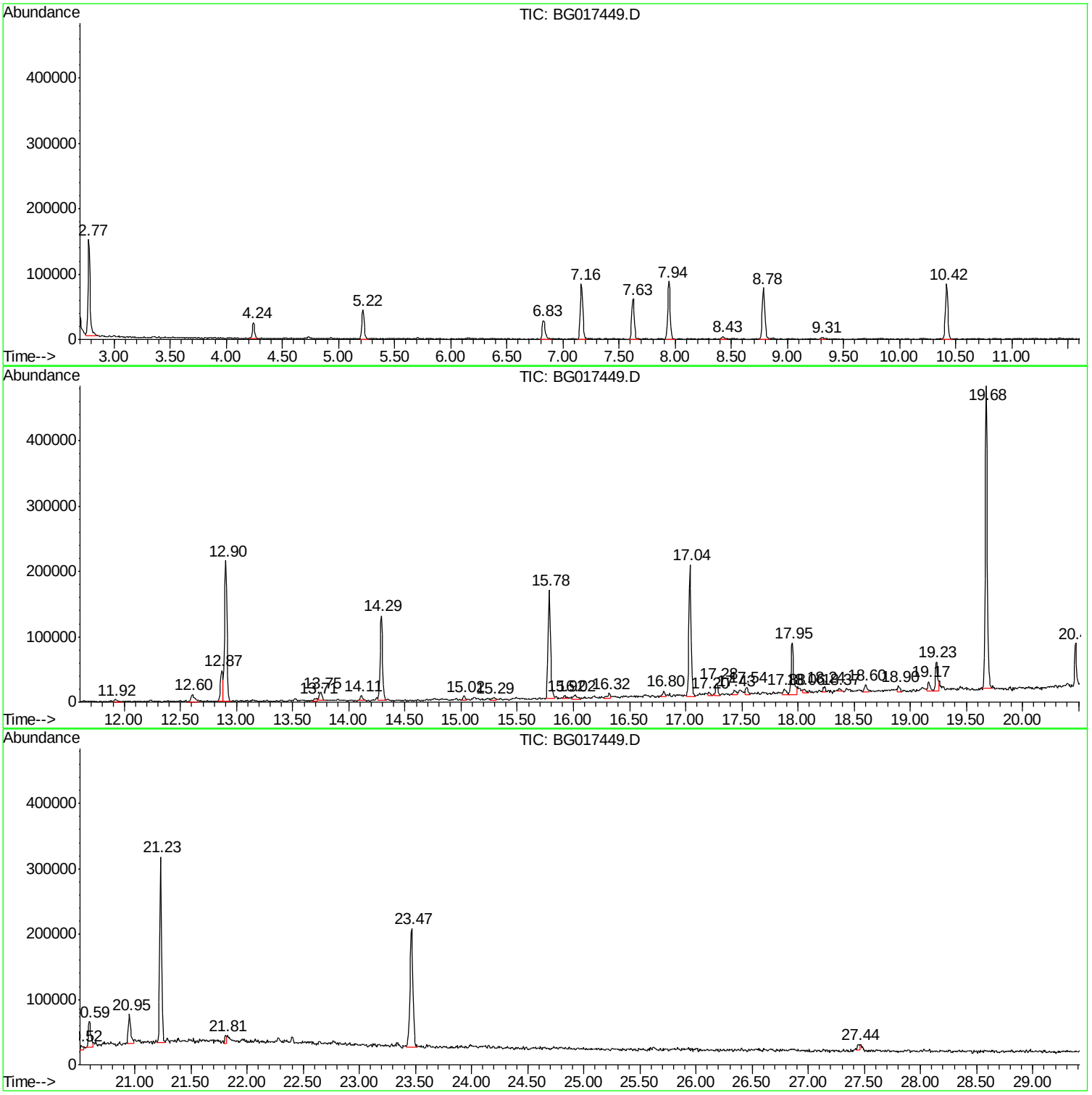
Sum of corrected areas: 4171955

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017449.D
Acq On : 4 Jun 2015 19:33
Operator : TP/IZ
Sample : G2491-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LF016MW001-150602

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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\BG060415\
Data File : BG017449.D
Acq On : 4 Jun 2015 19:33
Operator : TP/IZ
Sample : G2491-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

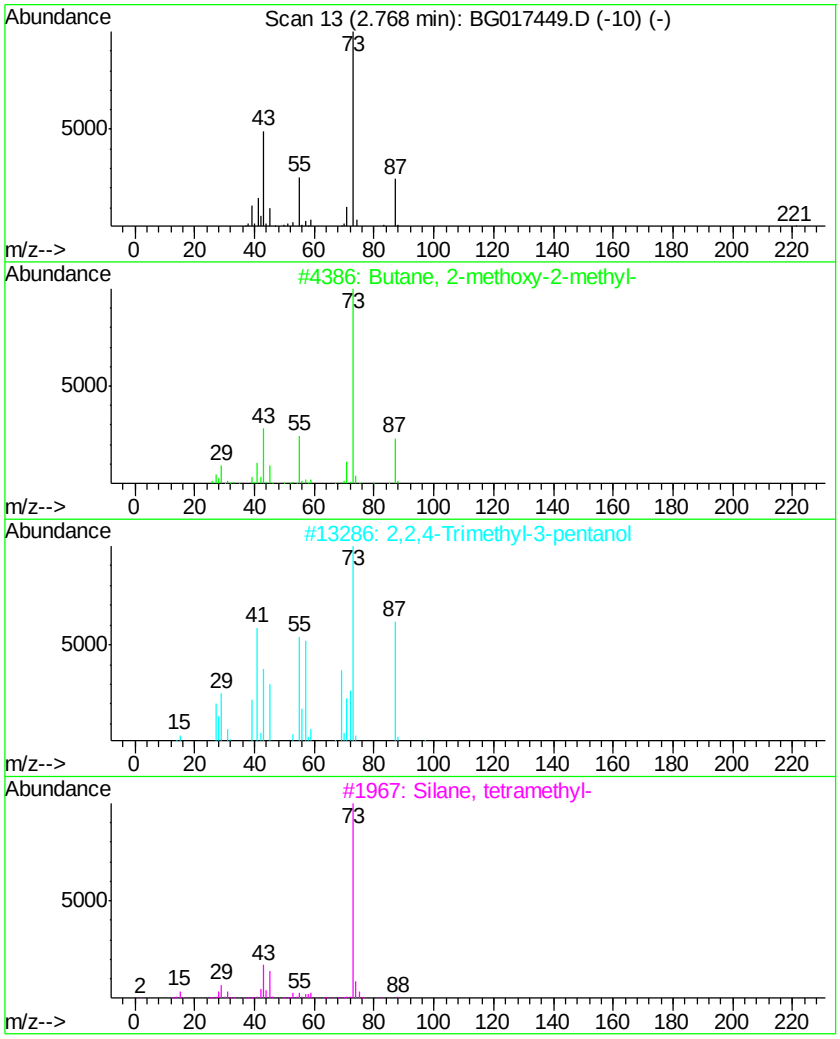
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

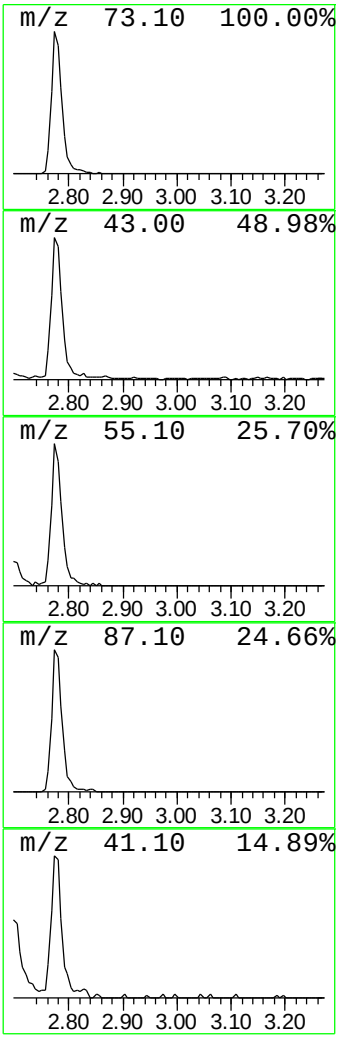
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	41.45 ng	199792	1,4-Dichlorobenzene-d4	7.62

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	64
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017449.D
Acq On : 4 Jun 2015 19:33
Operator : TP/IZ
Sample : G2491-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

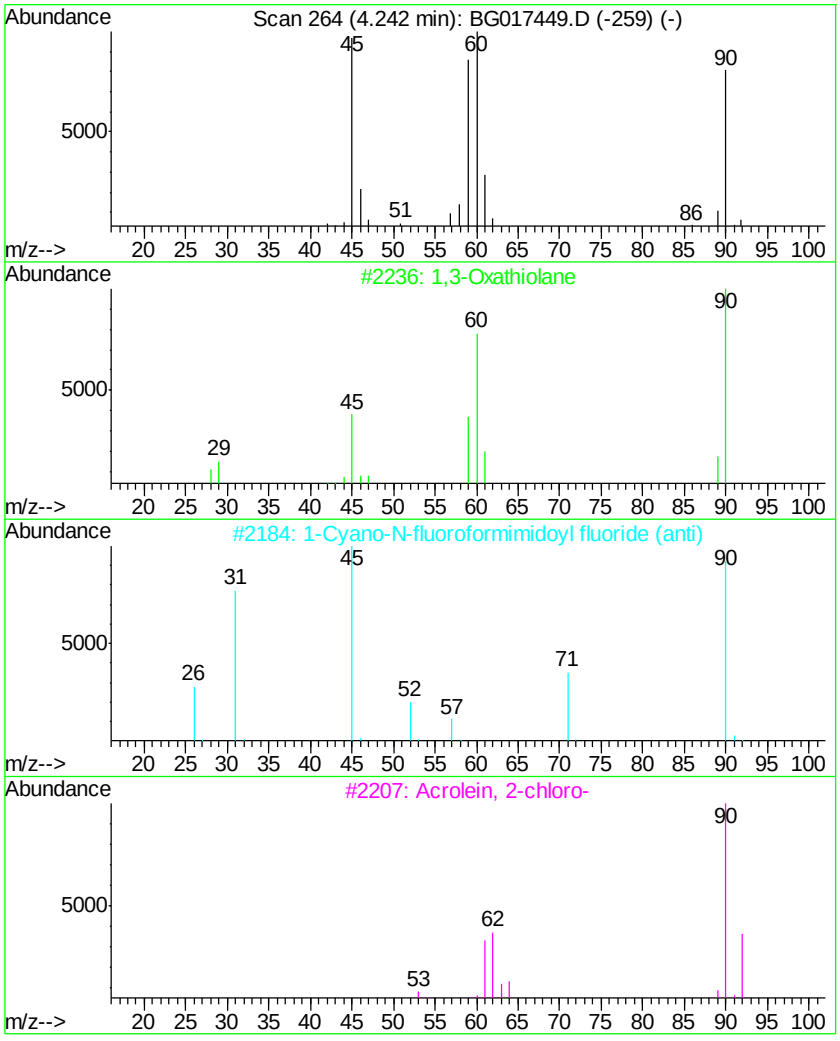
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

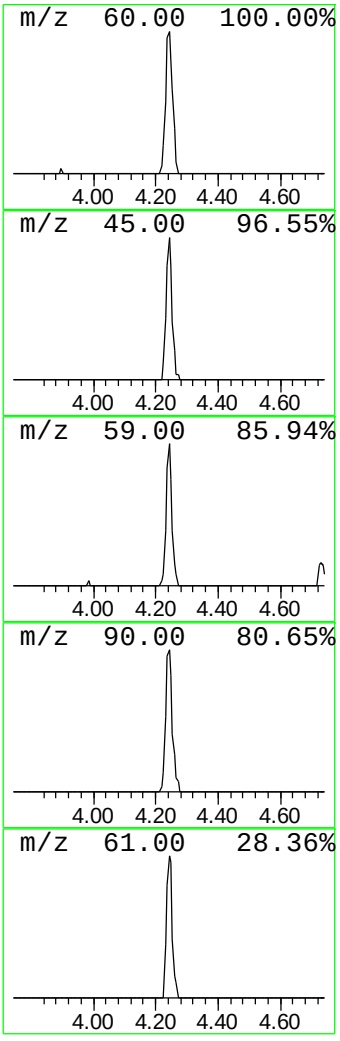
****

Peak Number 2 1,3-Oxathiolane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.24	7.52 ng	36236	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	72
2	1-Cyano-N-fluoroformimidoyl fluo...	90	C2F2N2	014011-05-3	40
3	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	33
4	Thiirane	60	C2H4S	000420-12-2	30
5	3-Thietanol	90	C3H6OS	010304-16-2	28





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017449.D
Acq On : 4 Jun 2015 19:33
Operator : TP/IZ
Sample : G2491-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

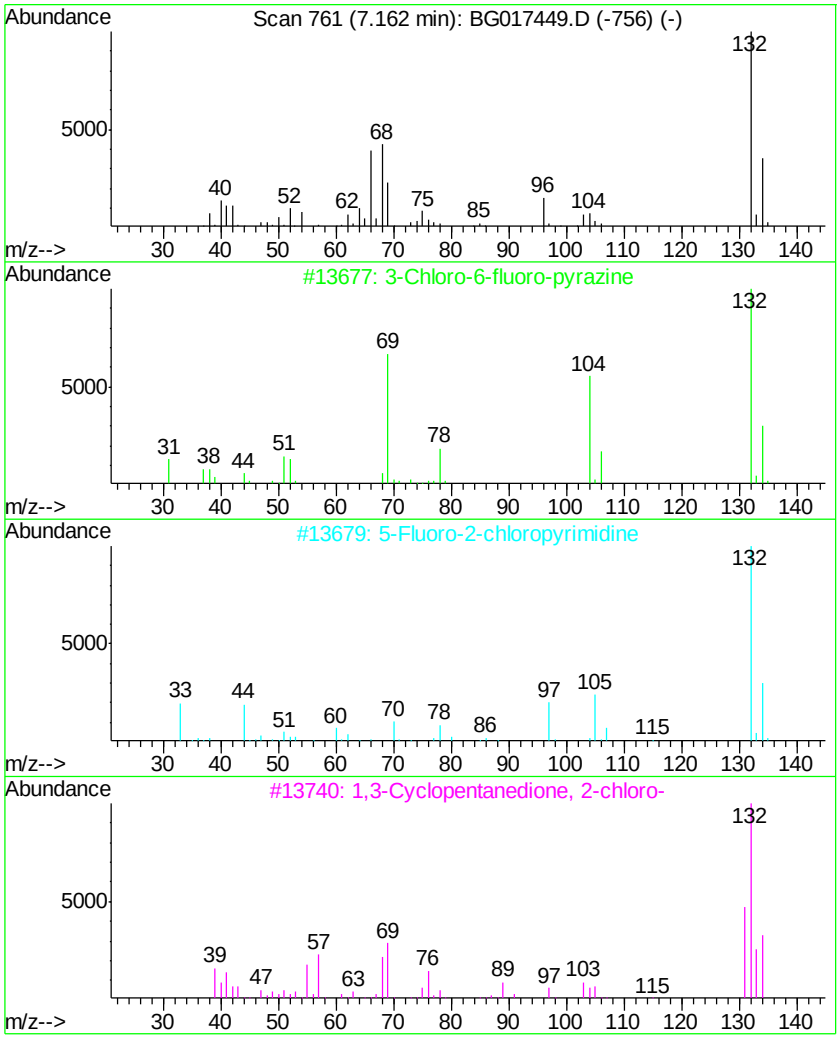
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

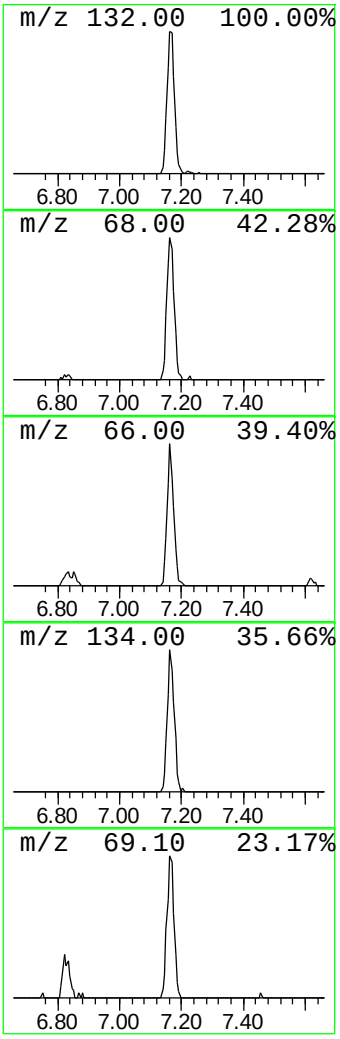
****

Peak Number 3 unknown7.16 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	27.77 ng	133838	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017449.D
Acq On : 4 Jun 2015 19:33
Operator : TP/IZ
Sample : G2491-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

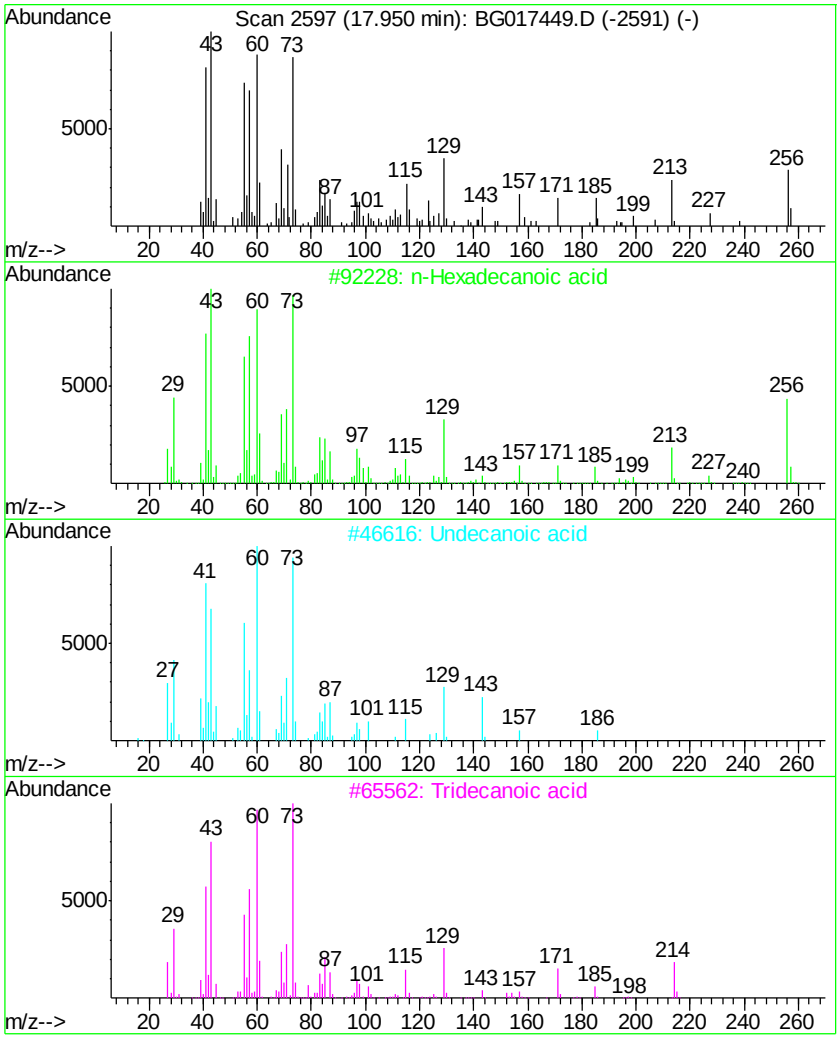
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

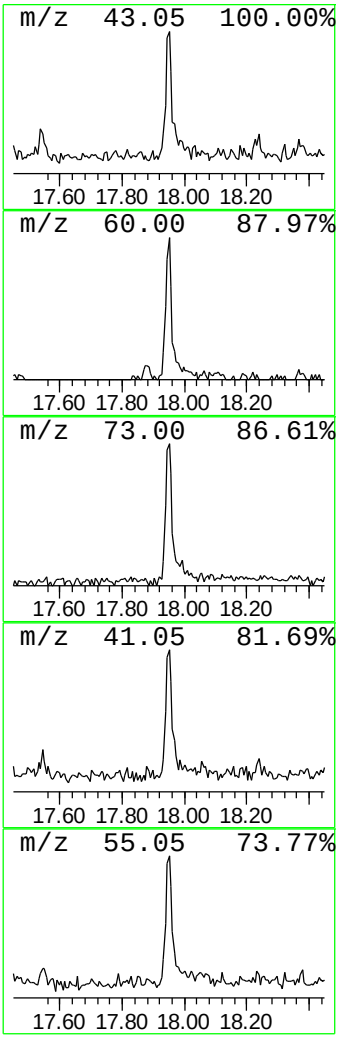
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	9.20 ng	130849	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Undecanoic acid	186	C11H22O2	000112-37-8	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017449.D
Acq On : 4 Jun 2015 19:33
Operator : TP/IZ
Sample : G2491-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

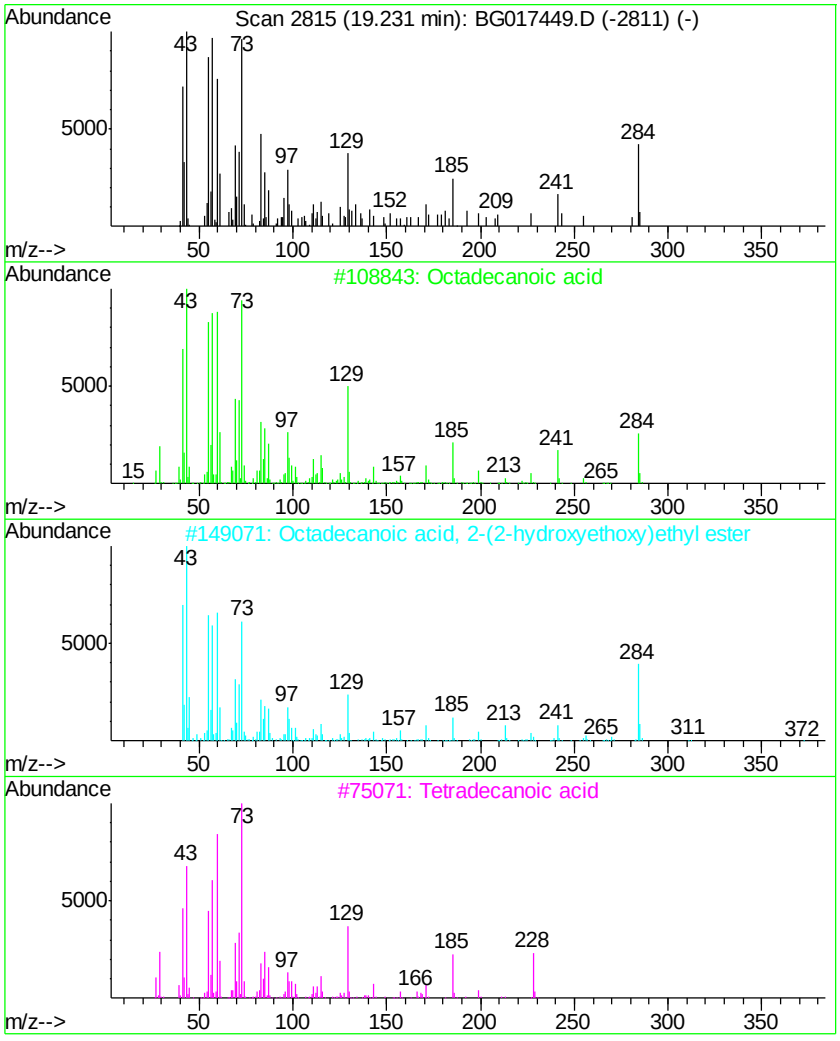
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

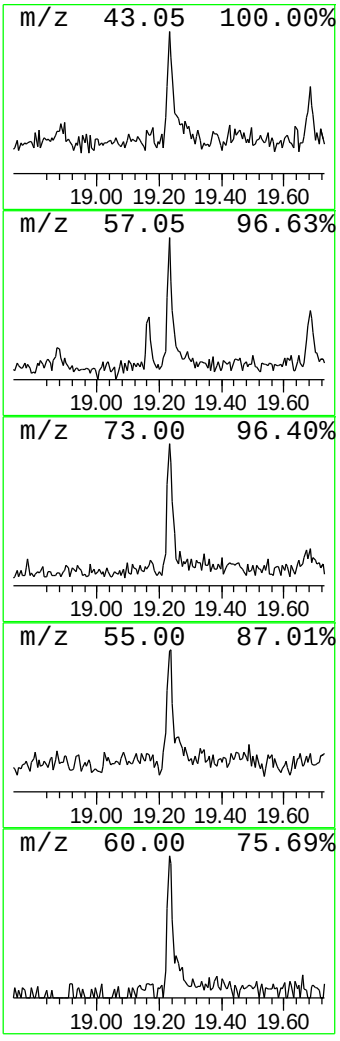
****

Peak Number 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	3.55 ng	63301	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	59
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47
5	n-Decanoic acid	172	C10H20O2	000334-48-5	45





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017449.D
Acq On : 4 Jun 2015 19:33
Operator : TP/IZ
Sample : G2491-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

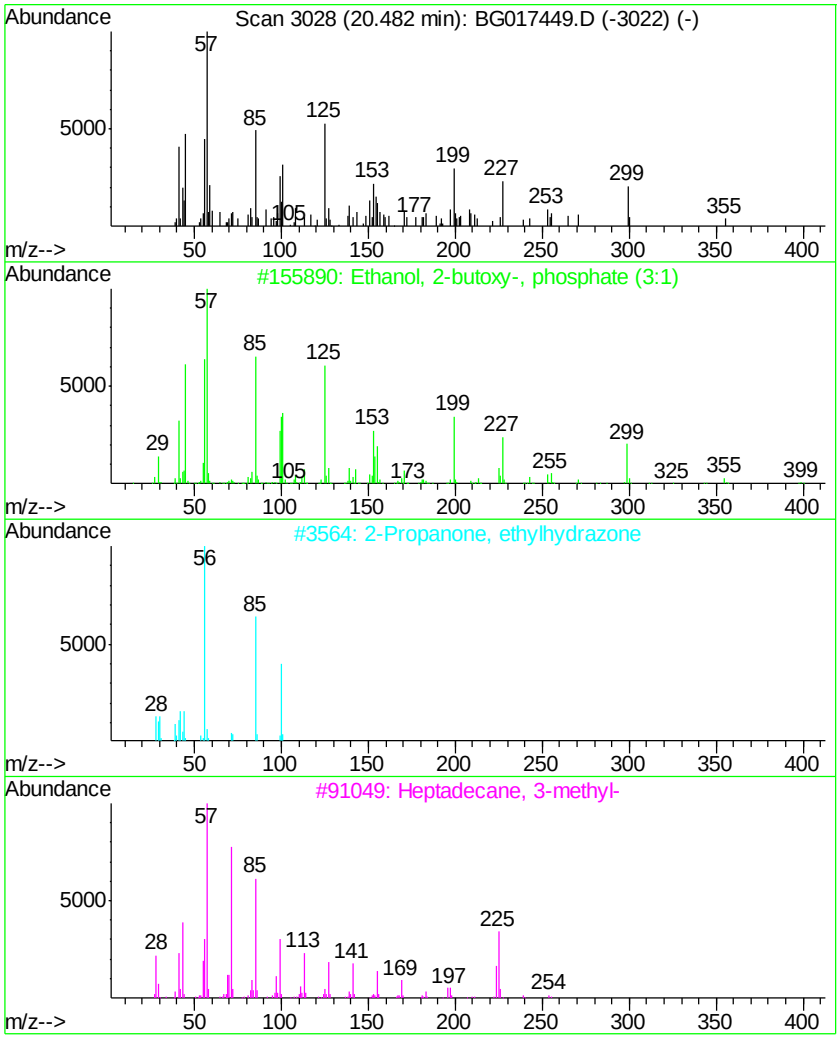
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

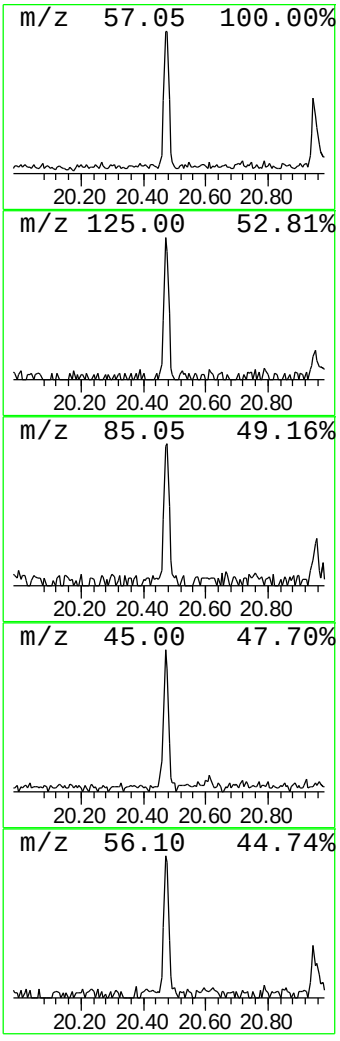
****

Peak Number 8 Ethanol, 2-butoxy-, phospha... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.48	4.76 ng	84861	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	91
2	2-Propanone, ethylhydrazone	100	C5H12N2	007422-99-3	30
3	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	18
4	Dodecanoic acid, 2-butoxyethyl e...	300	C18H36O3	000109-37-5	16
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	14





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017449.D
Acq On : 4 Jun 2015 19:33
Operator : TP/IZ
Sample : G2491-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

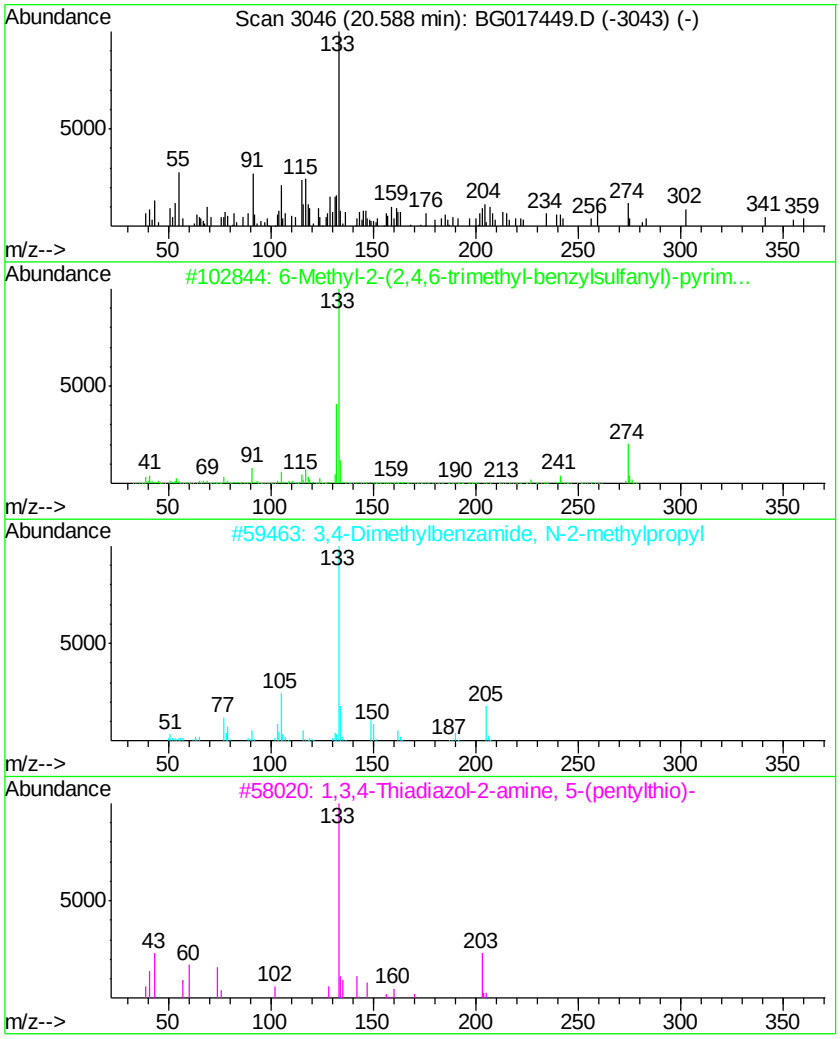
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

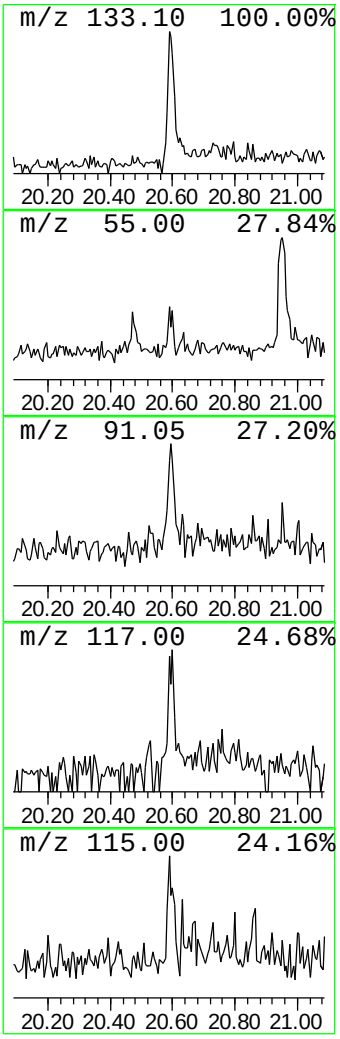
****

Peak Number 9 unknown20.59 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	3.49 ng	62316	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-2-(2,4,6-trimethyl-benz...	274	C15H18N2OS	1000294-32-1	45
2	3,4-Dimethylbenzamide, N-2-methy...	205	C13H19NO	333348-22-4	38
3	1,3,4-Thiadiazol-2-amine, 5-(pen...	203	C7H13N3S2	023574-95-0	38
4	Butanoic acid, 1H-indol-3-yl ester	203	C12H13NO2	004346-15-0	35
5	1-Propanone, 2-chloro-1-(2,5-dim...	210	C12H15ClO	054965-52-5	30





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017449.D
Acq On : 4 Jun 2015 19:33
Operator : TP/IZ
Sample : G2491-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

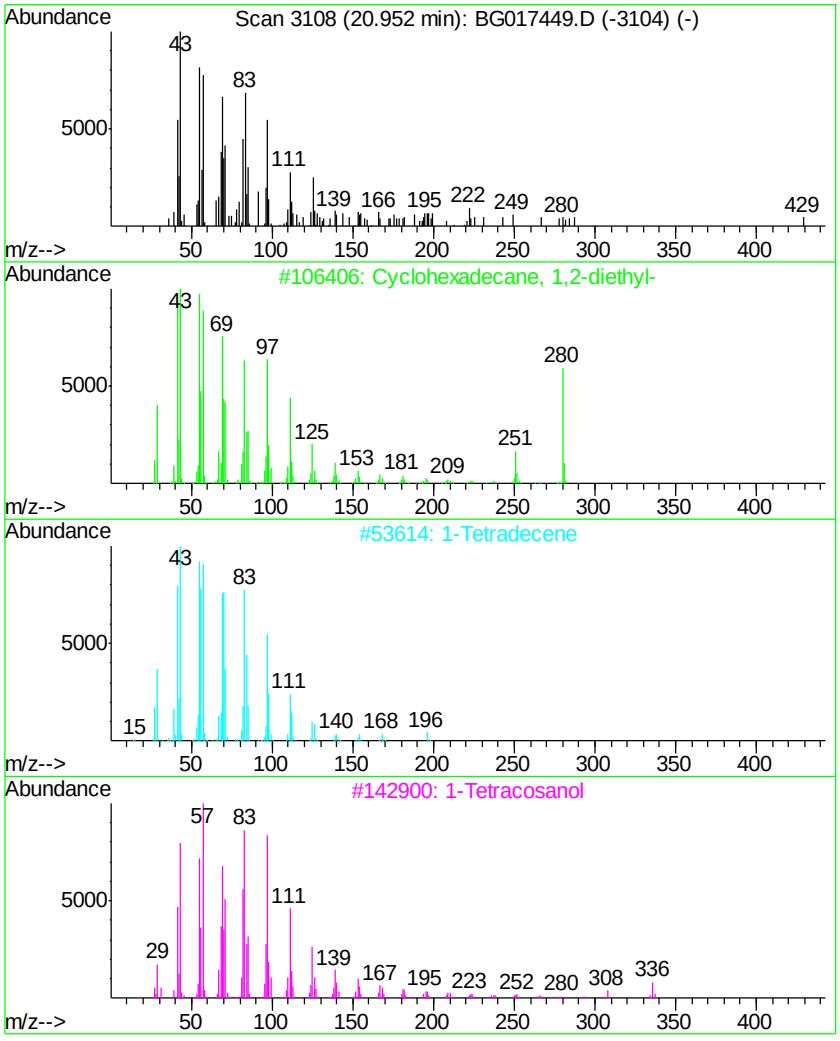
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

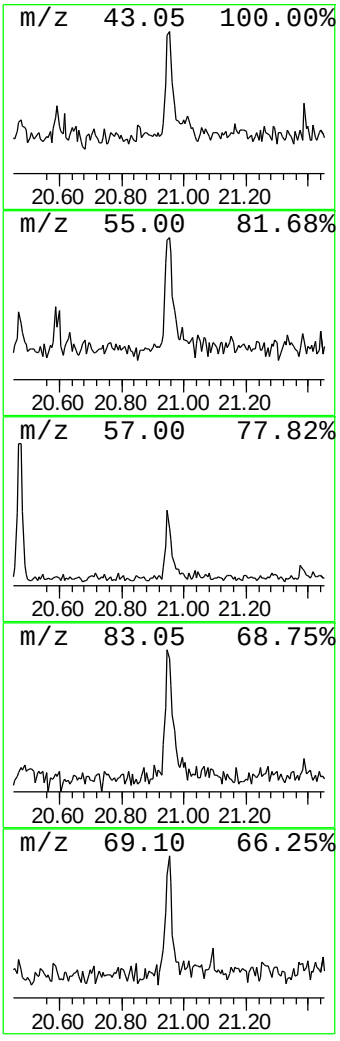
****

Peak Number 10 Cyclohexadecane, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	4.02 ng	71752	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	95
2	1-Tetradecene	196	C14H28	001120-36-1	90
3	1-Tetracosanol	354	C24H50O	000506-51-4	87
4	1-Hexacosanol	382	C26H54O	000506-52-5	87
5	1-Docosanol	326	C22H46O	000661-19-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017449.D
Acq On : 4 Jun 2015 19:33
Operator : TP/IZ
Sample : G2491-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF016MW001-150602

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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...	2.77	41.5	ng	199792	1	7.62	96399	20.0
1,3-Oxathiolane	4.24	7.5	ng	36236	1	7.62	96399	20.0
unknown7.16	7.16	27.8	ng	133838	1	7.62	96399	20.0
n-Hexadecanoic acid	17.95	9.2	ng	130849	4	17.04	284445	20.0
Octadecanoic acid	19.23	3.5	ng	63301	5	21.23	356743	20.0
Ethanol, 2-butoxy...	20.48	4.8	ng	84861	5	21.23	356743	20.0
unknown20.59	20.59	3.5	ng	62316	5	21.23	356743	20.0
Cyclohexadecane, ...	20.95	4.0	ng	71752	5	21.23	356743	20.0