LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017941.D
Acq On : 18 Jul 2015 00:28
Operator : TP/UM
Sample : G2966-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PO-011

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-BG071715.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	2.787	13	17	25	rVV3	68905	116257	1.86%	0.382%
2	2.863	25	30	46	rVB	1326367	1706146	27.33%	5.609%
3	4.732	342	348	354	rVB2	60954	89382	1.43%	0.294%
4	5.190	420	426	434	rBV	718705	1013771	16.24%	3.333%
5	6.765	687	694	702	rBV	457983	716960	11.49%	2.357%
6	7.117	747	754	764	rBV	1324395	2115896	33.90%	6.956%
7	7.581	827	833	840	rVB	326328	512750	8.21%	1.686%
8	7.905	880	888	896	rBV	1162196	1907570	30.56%	6.271%
9	8.739	1022	1030	1041	rBV	970949	1612716	25.84%	5.301%
10	10.361	1297	1306	1316	rBV	482174	812801	13.02%	2.672%
11	12.858	1723	1731	1744	rBV	2857697	4185354	67.05%	13.759%
12	13.704	1869	1875	1882	rBV	192967	267230	4.28%	0.878%
13	14.244	1960	1967	1975	rVB2	735184	1142269	18.30%	3.755%
14	15.613	2195	2200	2207	rVB	66846	87597	1.40%	0.288%
15	15.737	2215	2221	2236	rBV	2064424	2983532	47.80%	9.808%
16	16.024	2264	2270	2277	rVB	139802	208002	3.33%	0.684%
17	16.994	2428	2435	2446	rVB2	968507	1367839	21.91%	4.497%
18	17.911	2587	2591	2599	rBV	70152	127109	2.04%	0.418%
19	19.203	2807	2811	2818	rBV6	42902	77570	1.24%	0.255%
20	19.644	2880	2886	2897	rBV	4862210	6242113	100.00%	20.520%
21	20.925	3100	3104	3112	rBV	131819	196387	3.15%	0.646%
22	21.195	3145	3150	3158	rBV	1154224	1447270	23.19%	4.758%
23	23.410	3520	3527	3542	rVB2	780823	1483486	23.77%	4.877%

Sum of corrected areas: 30420007

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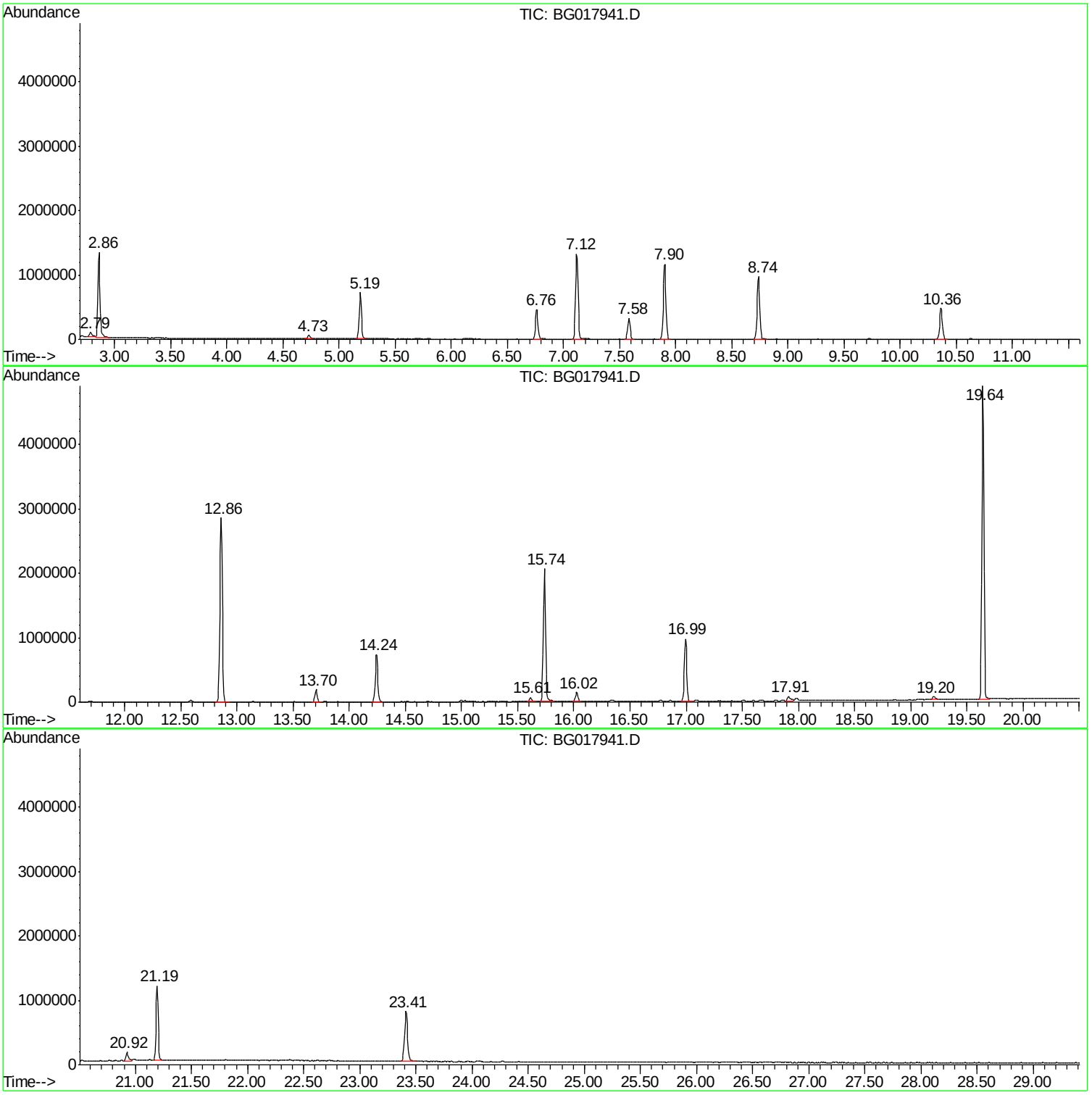
BNA_G
ClientSampleId :
PO-011

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.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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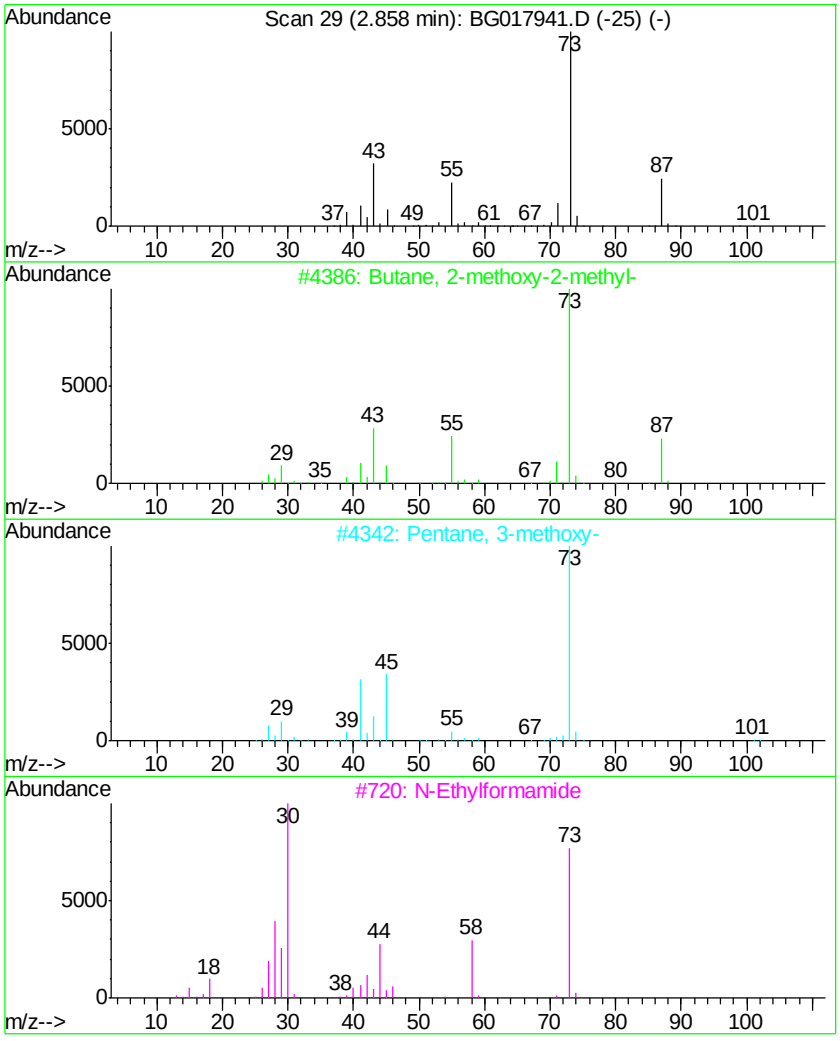
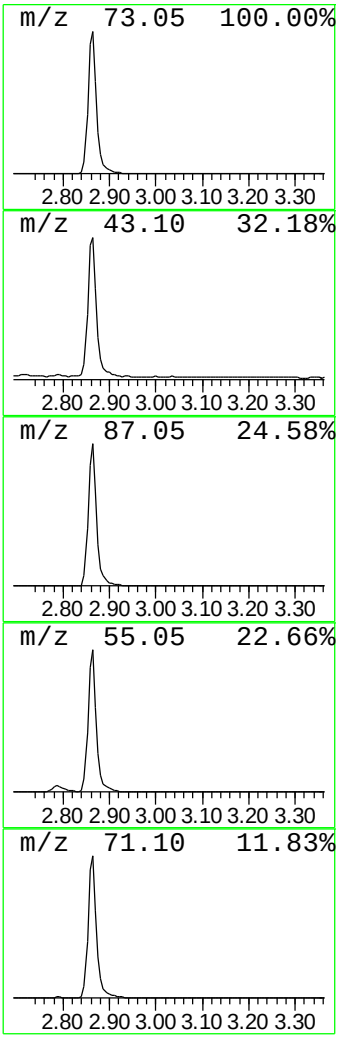
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.86	66.55 ng	1706150	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Acq On : 18 Jul 2015 00:28
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Sample : G2966-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PO-011

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
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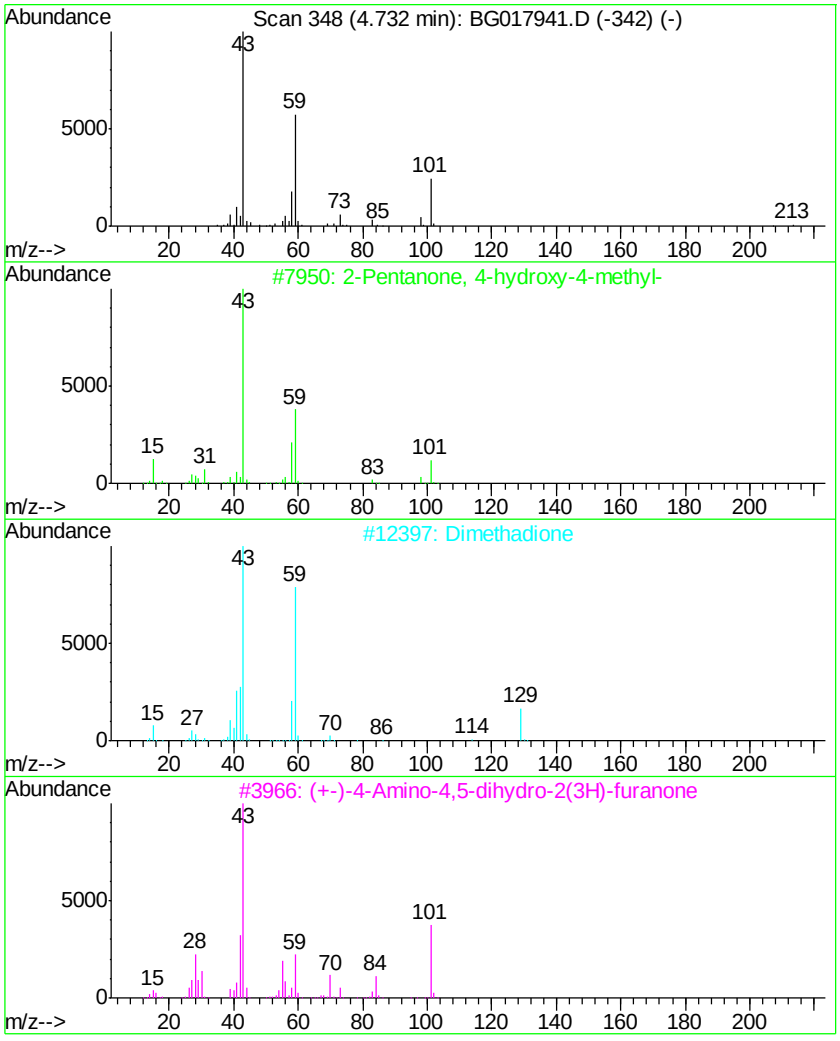
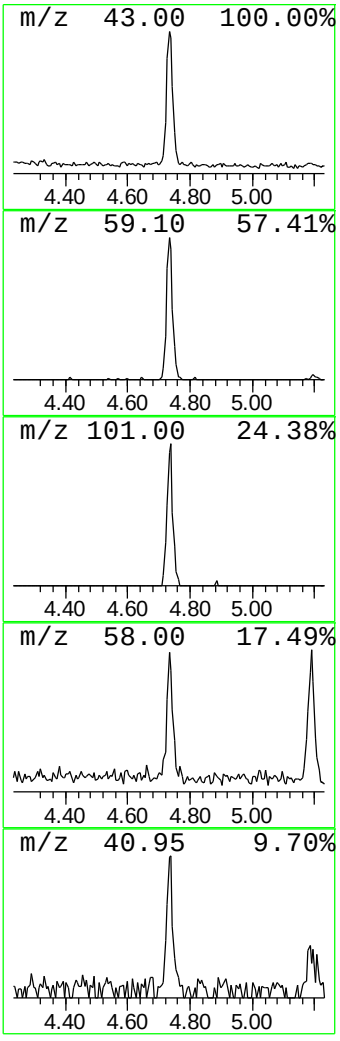
Peak Number 3 unknown4.73 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	3.49 ng	89382	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	Dimethadione	129	C5H7NO3	000695-53-4	40
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	35
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





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Misc :
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Instrument : BNA_G
ClientSampleId : PO-011

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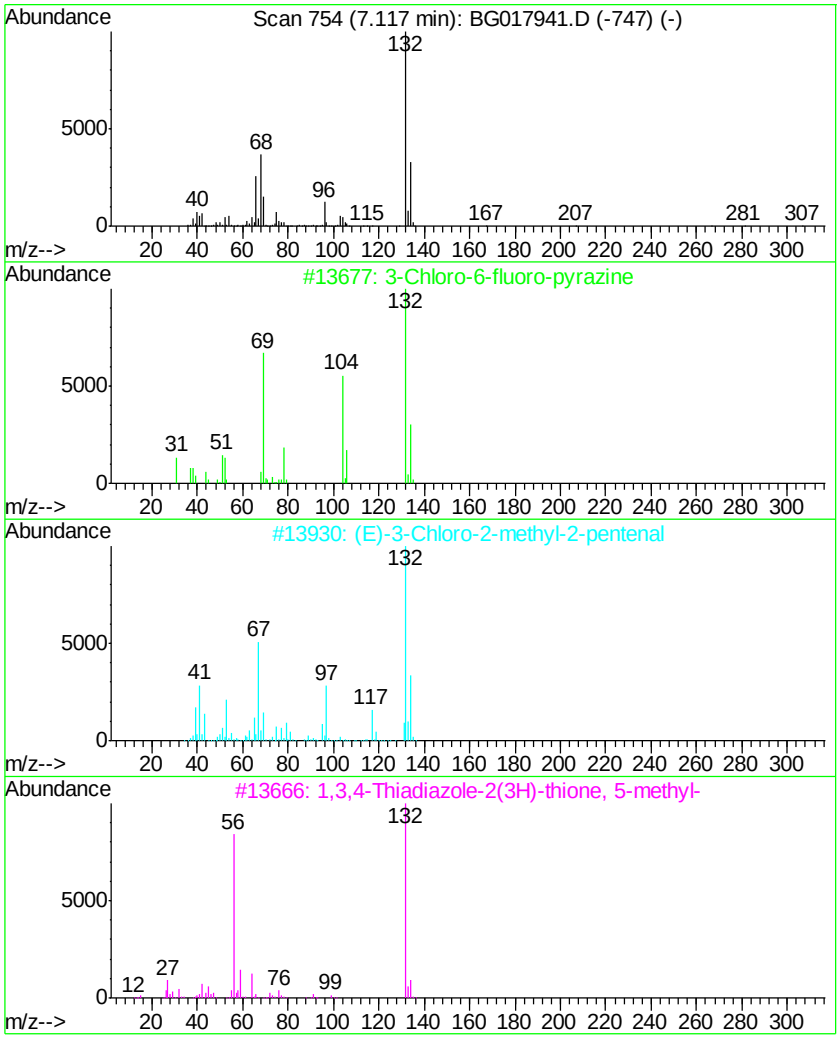
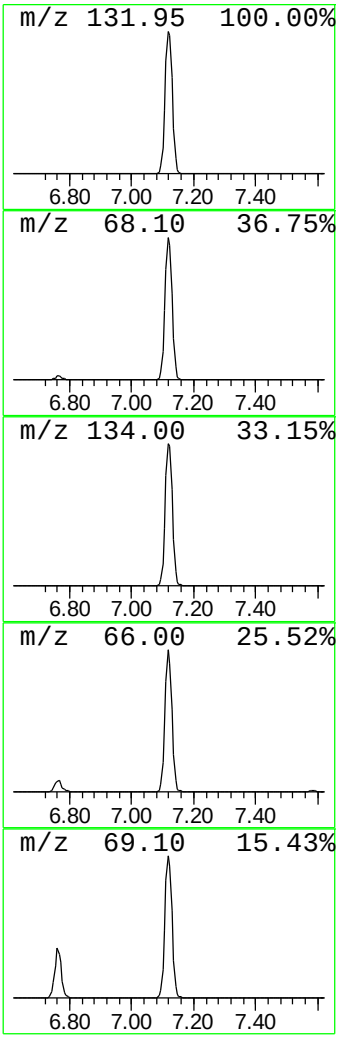
Peak Number 4 unknown7.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	82.53 ng	2115900	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PO-011

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
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TIC Library : C:\DATABASE\NIST02.L
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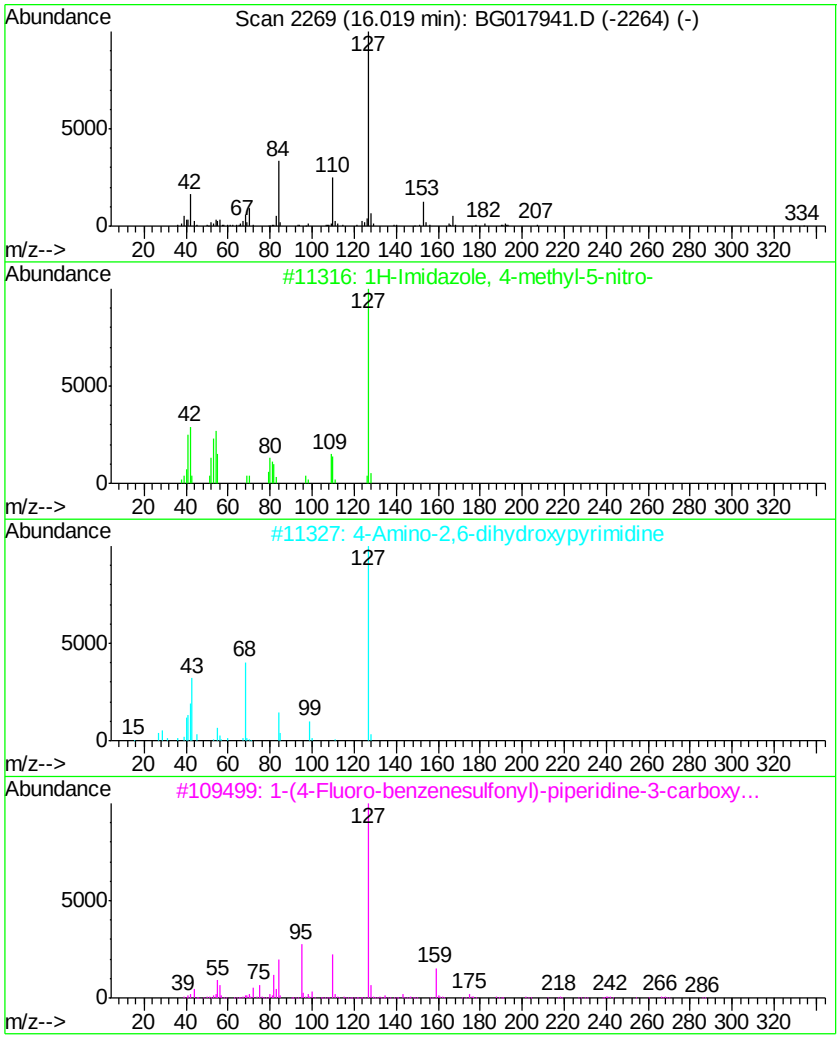
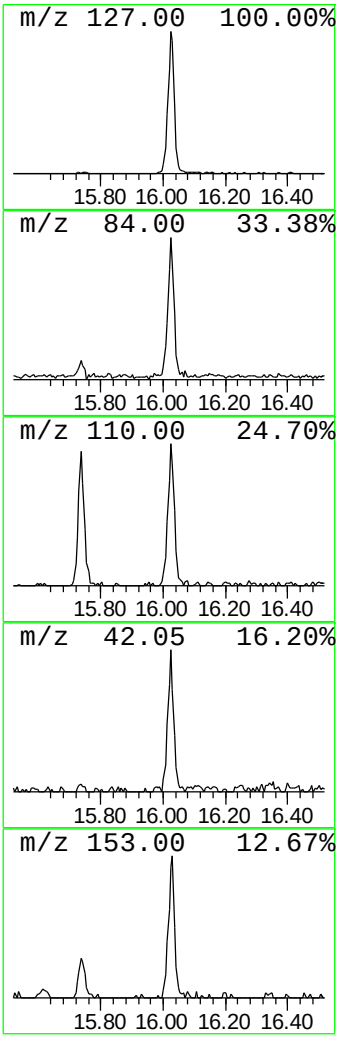
Peak Number 6 1H-Imidazole, 4-methyl-5-ni... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	3.04 ng	208002	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 4-methyl-5-nitro-	127	C4H5N3O2	014003-66-8	52
2	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	50
3	1-(4-Fluoro-benzenesulfonyl)-pip...	286	C12H15FN2O3S	1000295-13-0	45
4	2,5-Pyrrolidinedione, 3-ethyl-1,...	155	C8H13NO2	013861-99-9	40
5	1-Ethylhexyl propylphosphonofluo...	238	C11H24FO2P	1000298-40-8	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017941.D
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Sample : G2966-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PO-011

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
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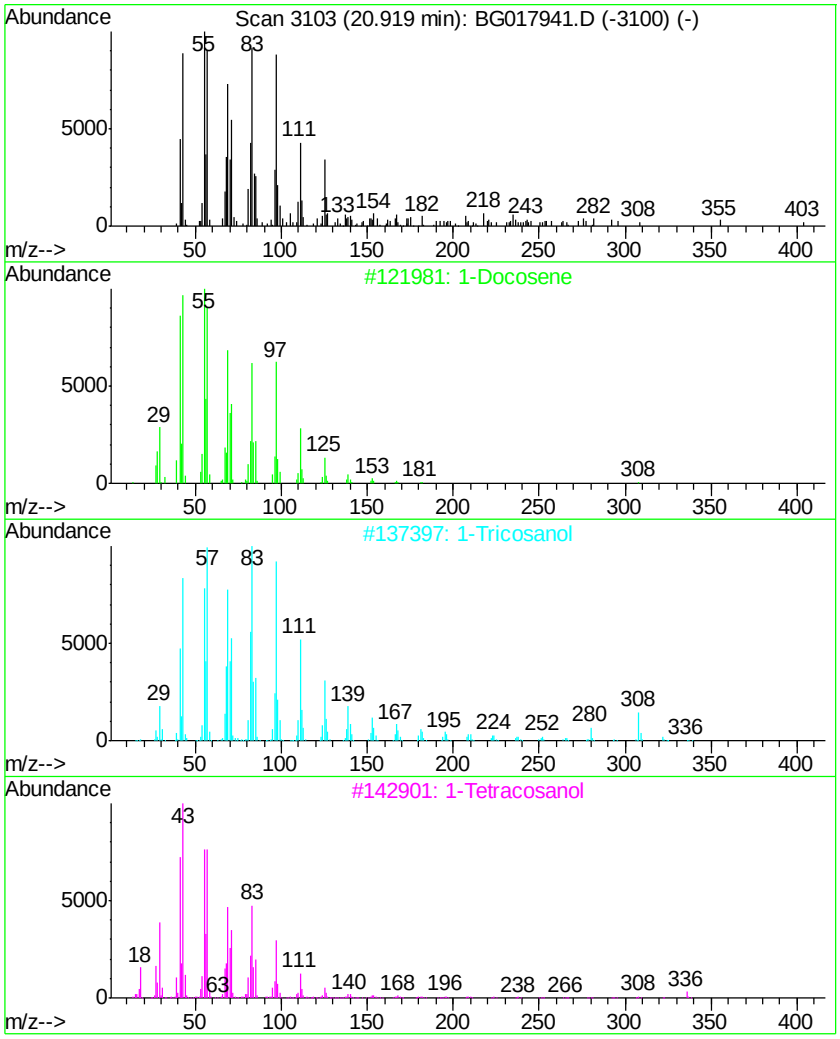
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

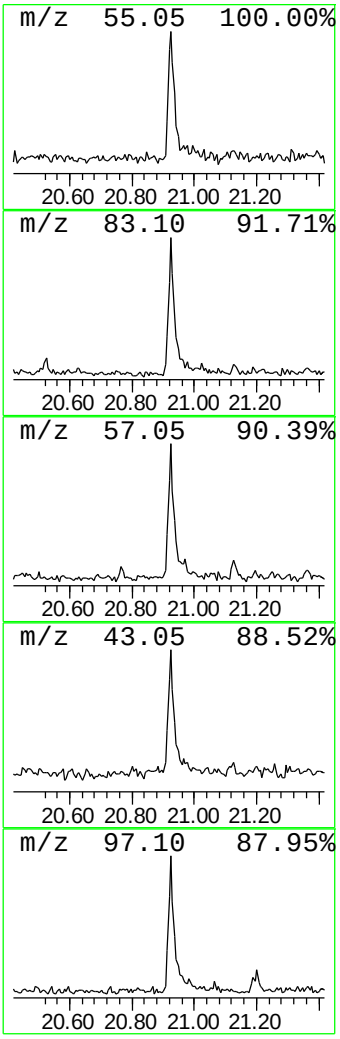
****

Peak Number 7 1-Docosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.71 ng	196387	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	1-Tricosanol	340	C23H48O	003133-01-5	91
3	1-Tetracosanol	354	C24H50O	000506-51-4	83
4	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	80
5	1-Hexacosanol	382	C26H54O	000506-52-5	80





Tentatively Identified Compound (LSC) summary

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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...	2.86	66.5	ng	1706150	1	7.59	512750	20.0
unknown4.73	4.73	3.5	ng	89382	1	7.59	512750	20.0
unknown7.12	7.12	82.5	ng	2115900	1	7.59	512750	20.0
1H-Imidazole, 4-m...	16.02	3.0	ng	208002	4	16.99	1367840	20.0
1-Docosene	20.92	2.7	ng	196387	5	21.19	1447270	20.0