LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
Data File : BG024625.D
Acq On : 2 Nov 2016 12:47
Operator : UM/SJ
Sample : H5491-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-77-16.5-17.0

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-BG102516.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	3.131	44	50	68	rVB	6724854	14823892	100.00%	22.848%
2	5.334	419	425	433	rBV	473214	752224	5.07%	1.159%
3	5.804	497	505	516	rBV	2106045	3659858	24.69%	5.641%
4	7.402	768	777	790	rBV	2238308	4107126	27.71%	6.330%
5	7.796	834	844	853	rBV	2135789	3901763	26.32%	6.014%
6	8.266	916	924	935	rVB2	488695	912267	6.15%	1.406%
7	8.595	971	980	989	rBV	1496209	2741904	18.50%	4.226%
8	9.441	1116	1124	1134	rBV	1390070	2532127	17.08%	3.903%
9	11.098	1396	1406	1415	rVB	629398	1180173	7.96%	1.819%
10	13.507	1807	1816	1824	rBV	3352622	5257956	35.47%	8.104%
11	14.318	1947	1954	1961	rBV	757478	1115301	7.52%	1.719%
12	14.882	2042	2050	2057	rBV	1030688	1699101	11.46%	2.619%
13	16.362	2295	2302	2320	rBV	3044362	4847229	32.70%	7.471%
14	16.538	2328	2332	2343	rVB2	75084	151402	1.02%	0.233%
15	17.625	2510	2517	2530	rVB2	1343573	2141034	14.44%	3.300%
16	19.312	2800	2804	2813	rBV2	283858	487973	3.29%	0.752%
17	20.205	2950	2956	2964	rBV	6254018	8427809	56.85%	12.990%
18	21.497	3171	3176	3182	rBV4	163615	301262	2.03%	0.464%
19	21.915	3237	3247	3255	rBV	1559898	2852424	19.24%	4.396%
20	23.648	3533	3542	3548	rBV3	79317	180178	1.22%	0.278%
21	25.346	3820	3831	3845	rVB2	879710	2806639	18.93%	4.326%

Sum of corrected areas: 64879642

LSC Report - Integrated Chromatogram

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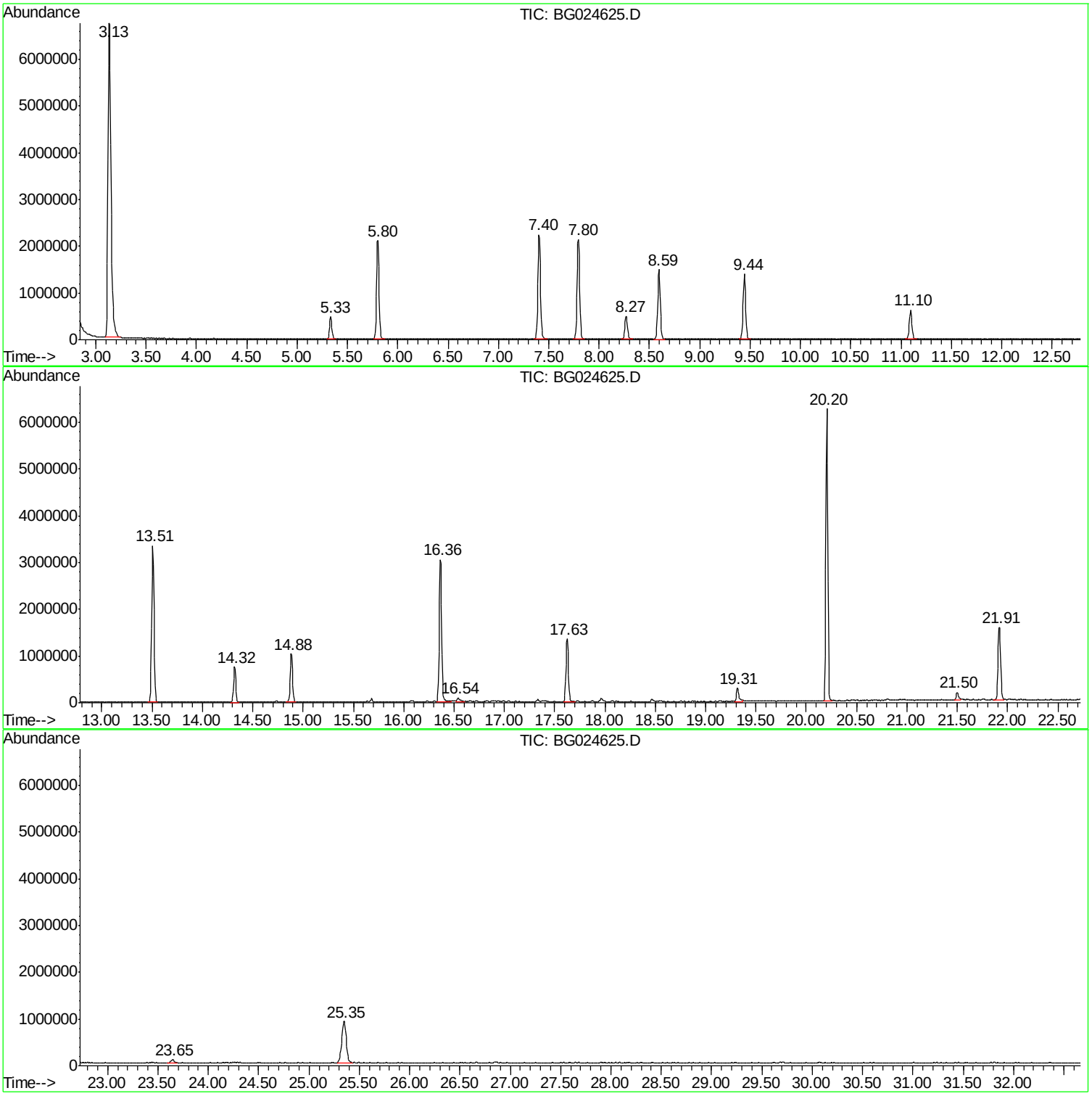
Instrument : BNA_G
ClientSampleId : SB-77-16.5-17.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Data File : BG024625.D
Acq On : 2 Nov 2016 12:47
Operator : UM/SJ
Sample : H5491-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-77-16.5-17.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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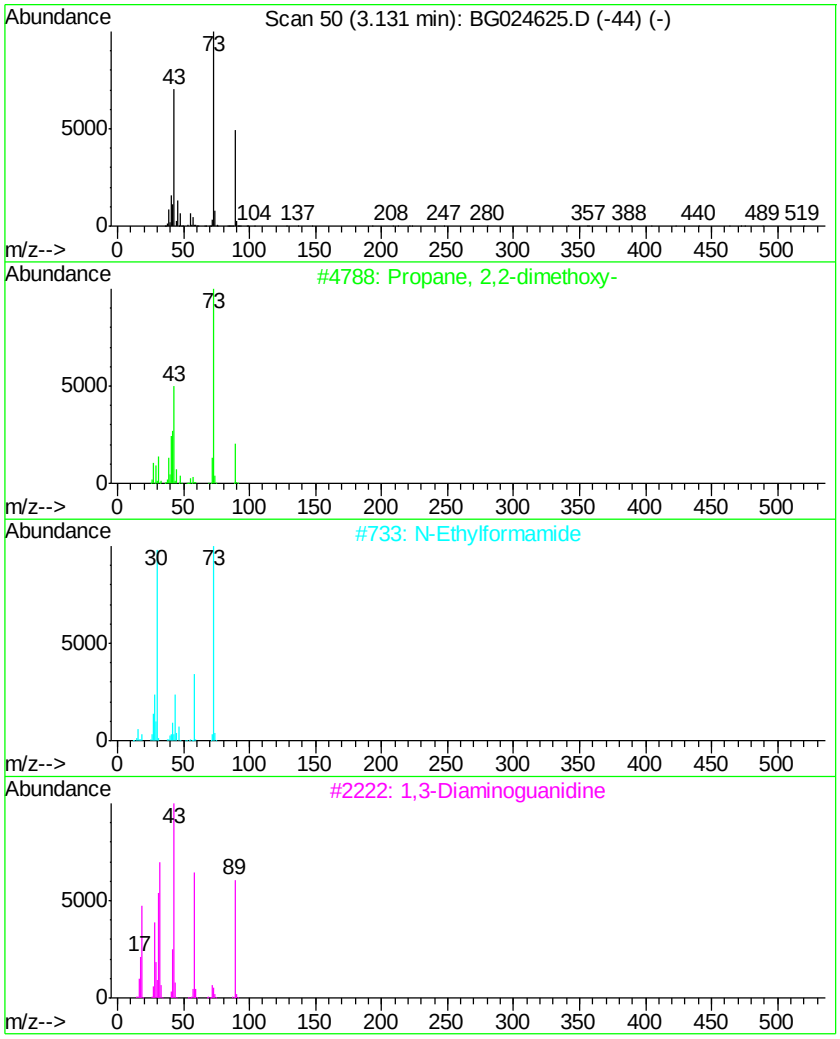
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

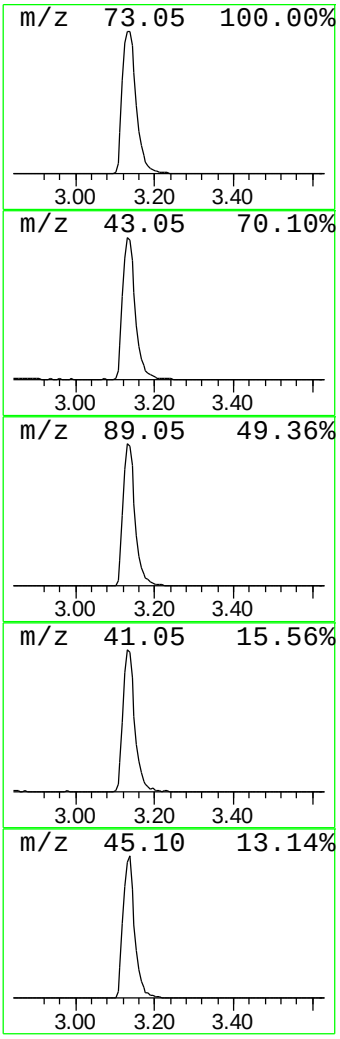
****

Peak Number 1 unknown3.13 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	324.99 ng	14823900	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	28
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
Data File : BG024625.D
Acq On : 2 Nov 2016 12:47
Operator : UM/SJ
Sample : H5491-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-77-16.5-17.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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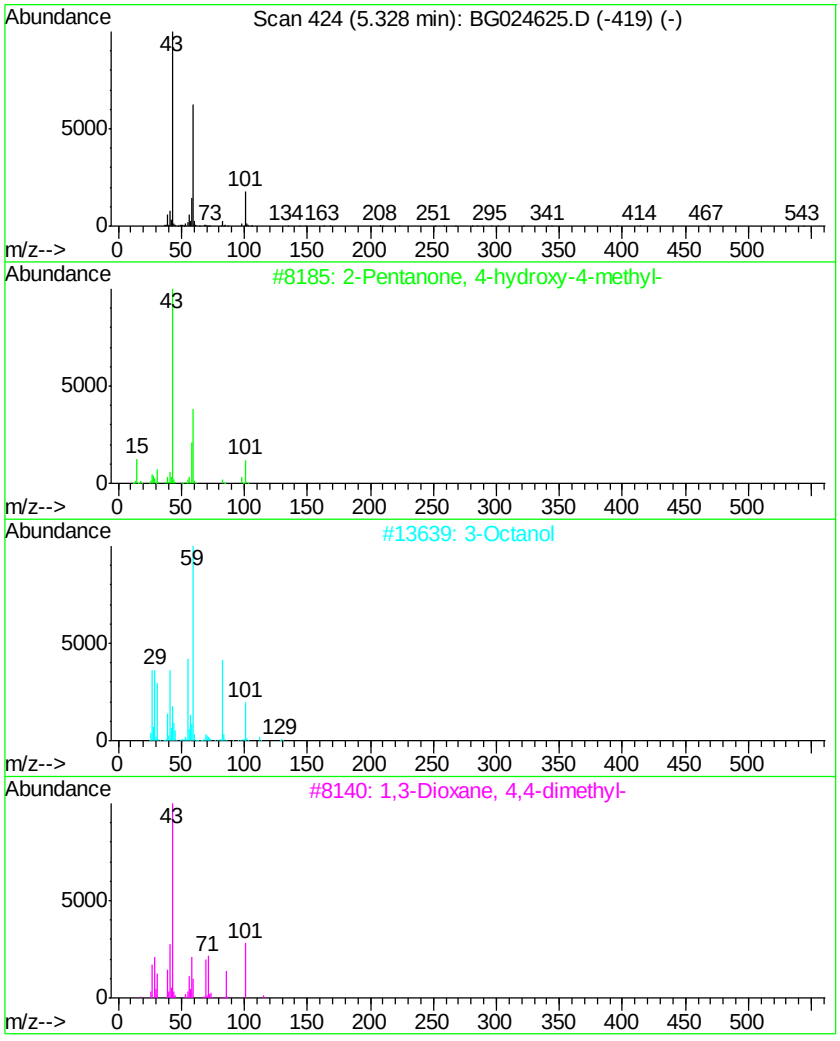
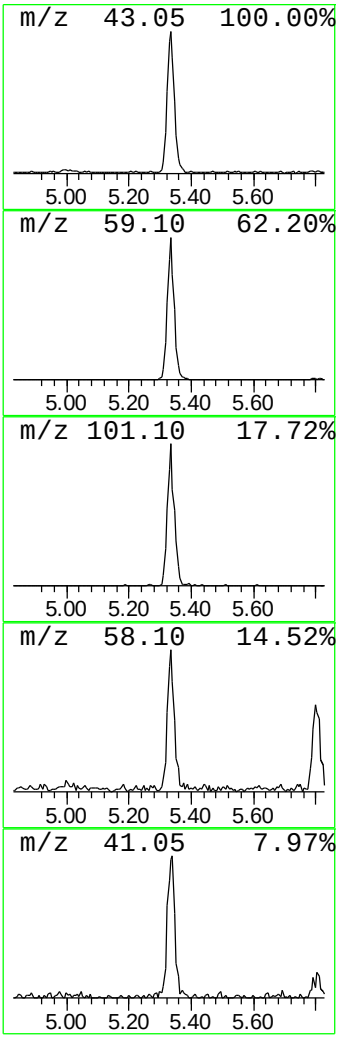
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	16.49 ng	752224	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Octanol	130	C8H18O	000589-98-0	33
3	1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	25
4	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	12
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
Data File : BG024625.D
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Operator : UM/SJ
Sample : H5491-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-77-16.5-17.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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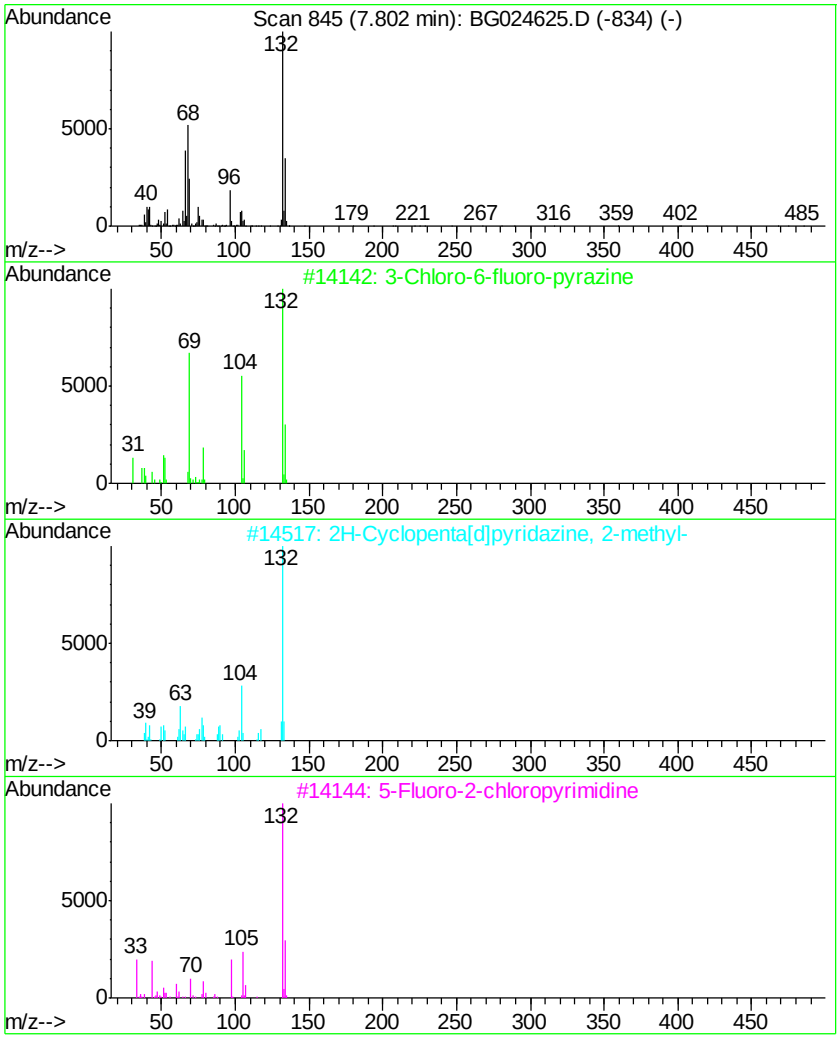
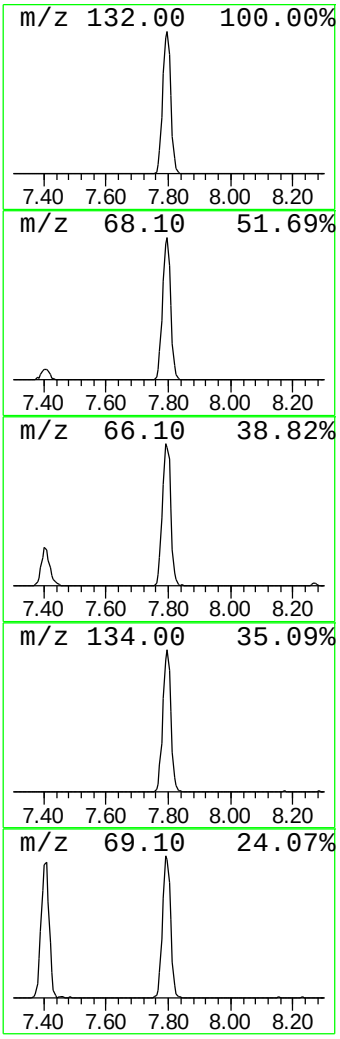
Peak Number 3 unknown7.80 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	85.54 ng	3901760	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	22





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Acq On : 2 Nov 2016 12:47
Operator : UM/SJ
Sample : H5491-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-77-16.5-17.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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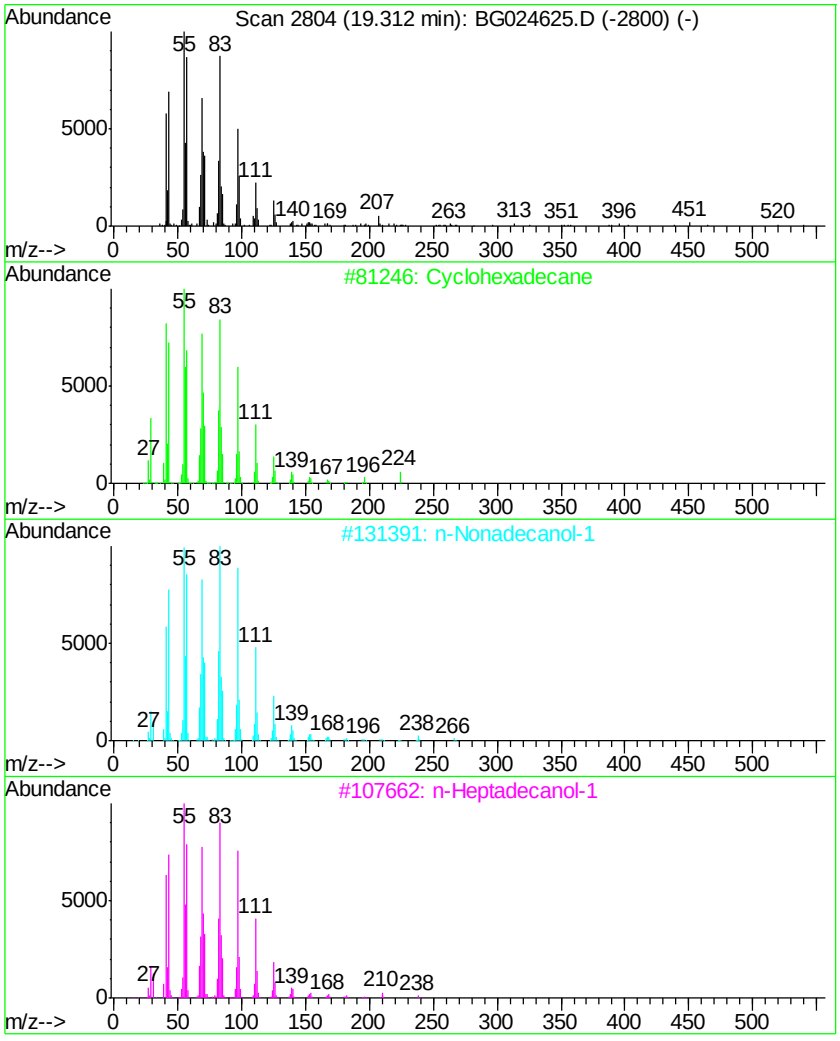
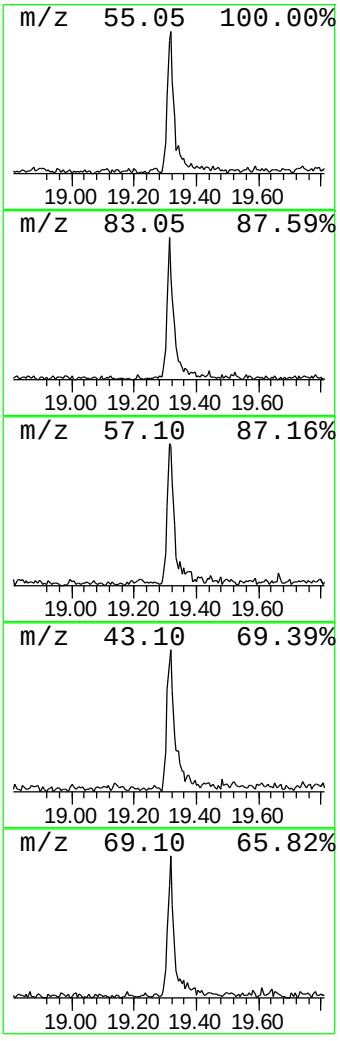
Peak Number 5 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	4.56 ng	487973	Phenanthrene-d10	17.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	90
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	90
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	87
5	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	76





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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-77-16.5-17.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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TIC Integration Parameters: LSCINT.P

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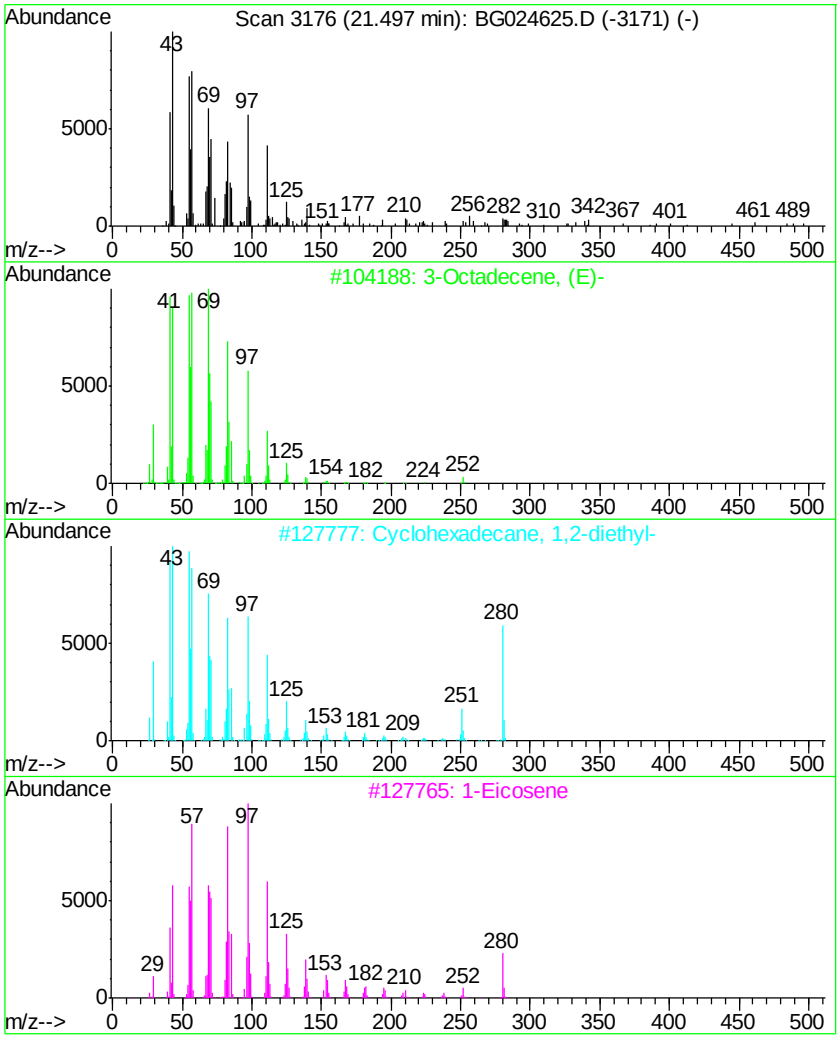
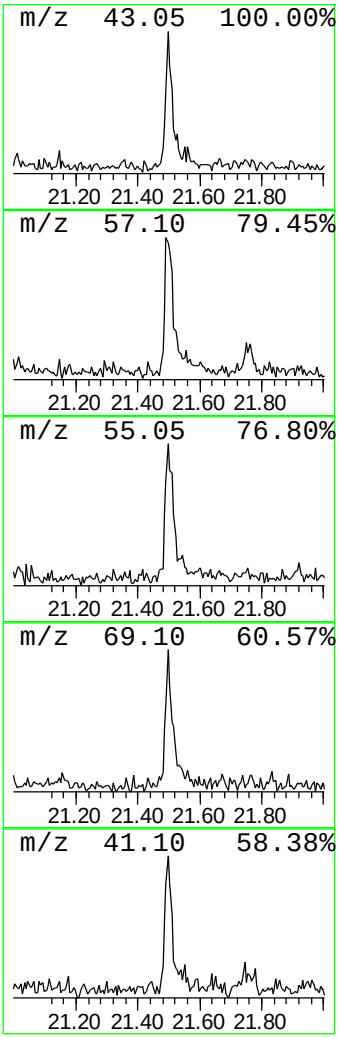
Peak Number 6 3-Octadecene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	2.11 ng	301262	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	92
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	92
3	1-Eicosene	280	C20H40	003452-07-1	90
4	1-Pentadecene	210	C15H30	013360-61-7	90
5	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	86





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.13	3.13	325.0	ng	14823900	1	8.27	912267	20.0
2-Pentanone, 4-hy...	5.33	16.5	ng	752224	1	8.27	912267	20.0
unknown7.80	7.80	85.5	ng	3901760	1	8.27	912267	20.0
Cyclohexadecane	19.31	4.6	ng	487973	4	17.63	2141030	20.0
3-Octadecene, (E)-	21.50	2.1	ng	301262	5	21.91	2852420	20.0