LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022925.D
Acq On : 8 Jul 2016 10:44
Operator : UM/SJ
Sample : H3876-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1-B-LOCATION-1-15-20FT

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-BG070816.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	2.897	6	10	24	rVB2	108252	244478	2.99%	0.545%
2	3.038	30	34	42	rBV	211208	288044	3.52%	0.643%
3	3.191	52	60	66	rBV	92137	174601	2.13%	0.389%
4	5.224	401	406	412	rBV2	92429	155480	1.90%	0.347%
5	5.700	477	487	502	rBV	1587085	2677323	32.73%	5.973%
6	7.304	751	760	771	rBV	1818694	3307371	40.44%	7.378%
7	7.680	816	824	833	rBV	1692677	2971205	36.33%	6.628%
8	8.150	897	904	912	rBV	372101	673895	8.24%	1.503%
9	8.479	952	960	967	rBV	1186821	2044208	24.99%	4.560%
10	9.325	1096	1104	1112	rBV	1141348	2046014	25.01%	4.564%
11	10.982	1378	1386	1392	rBV	587255	1038721	12.70%	2.317%
12	13.414	1792	1800	1810	rBV	3115900	4934870	60.33%	11.009%
13	14.237	1934	1940	1946	rBV	434055	635648	7.77%	1.418%
14	14.795	2028	2035	2043	rVB2	1101257	1780969	21.77%	3.973%
15	16.287	2281	2289	2297	rBV	3301120	4952783	60.55%	11.049%
16	16.475	2318	2321	2329	rBV2	54278	93286	1.14%	0.208%
17	17.274	2450	2457	2461	rBV2	79772	108623	1.33%	0.242%
18	17.550	2496	2504	2511	rBV2	1546222	2401539	29.36%	5.357%
19	18.414	2646	2651	2658	rBV2	186639	263975	3.23%	0.589%
20	20.147	2940	2946	2953	rBV	5955556	8179325	100.00%	18.246%
21	21.440	3162	3166	3177	rBV	314405	504314	6.17%	1.125%
22	21.839	3227	3234	3242	rVB2	1594966	2732428	33.41%	6.095%
23	25.189	3793	3804	3816	rVB2	865858	2617904	32.01%	5.840%

Sum of corrected areas: 44827004

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BNA_G
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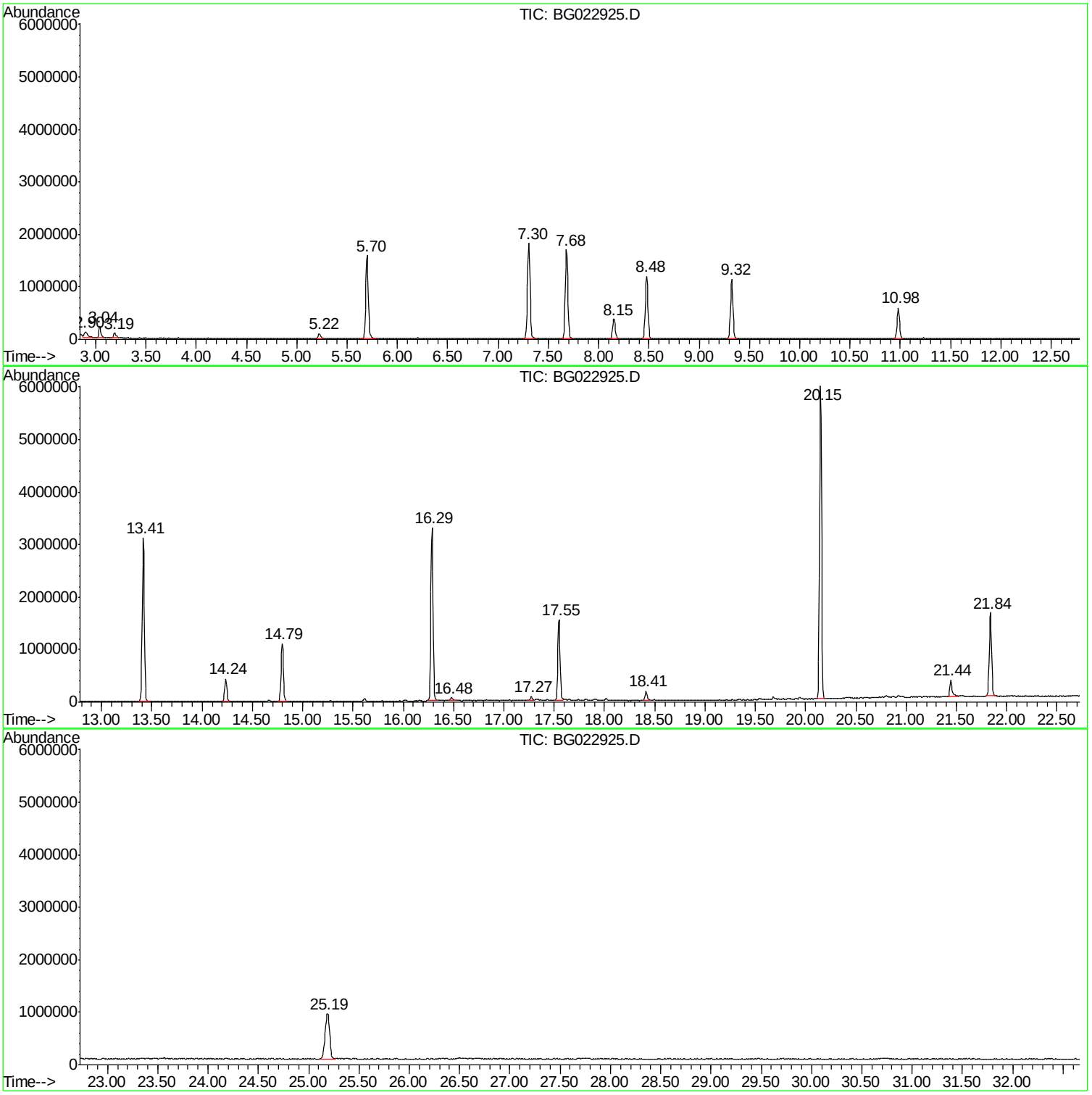
1-B-LOCATION-1-15-20FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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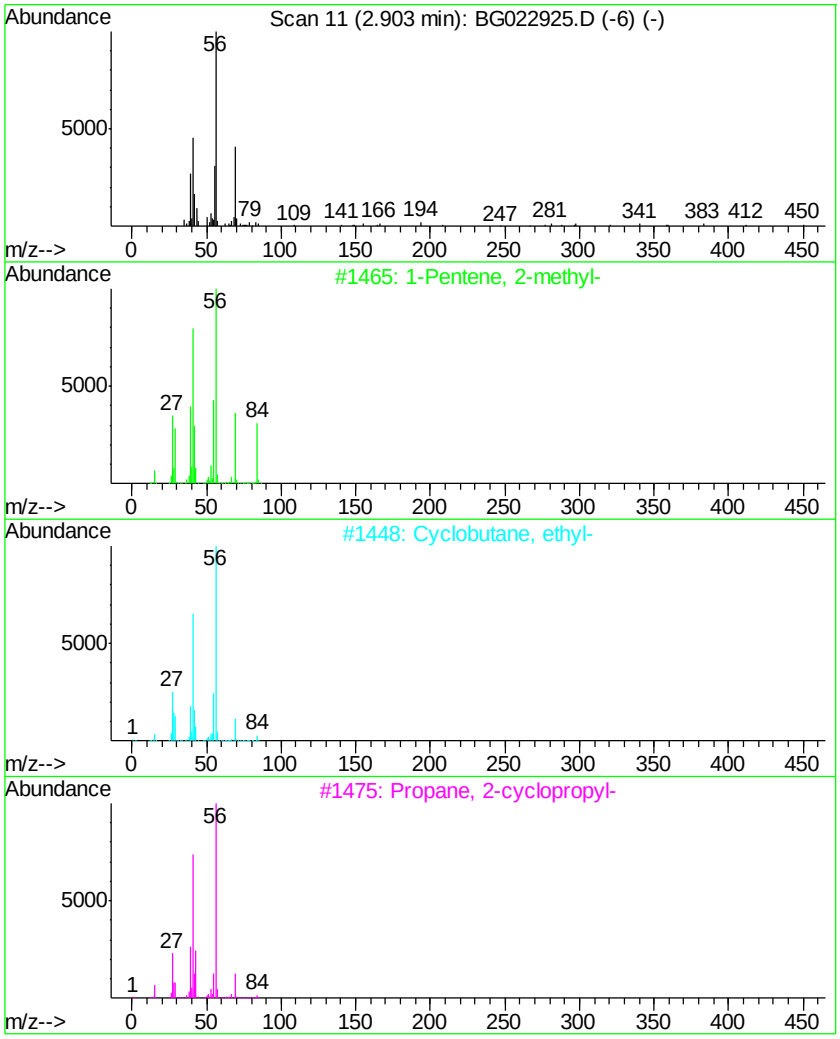
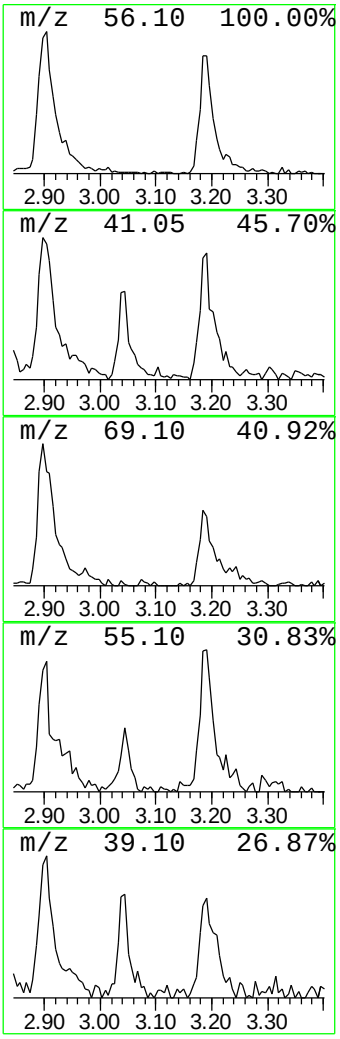
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	7.26 ng	244478	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	59
3	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	59
4	Cyclobutane	56	C4H8	000287-23-0	50
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50





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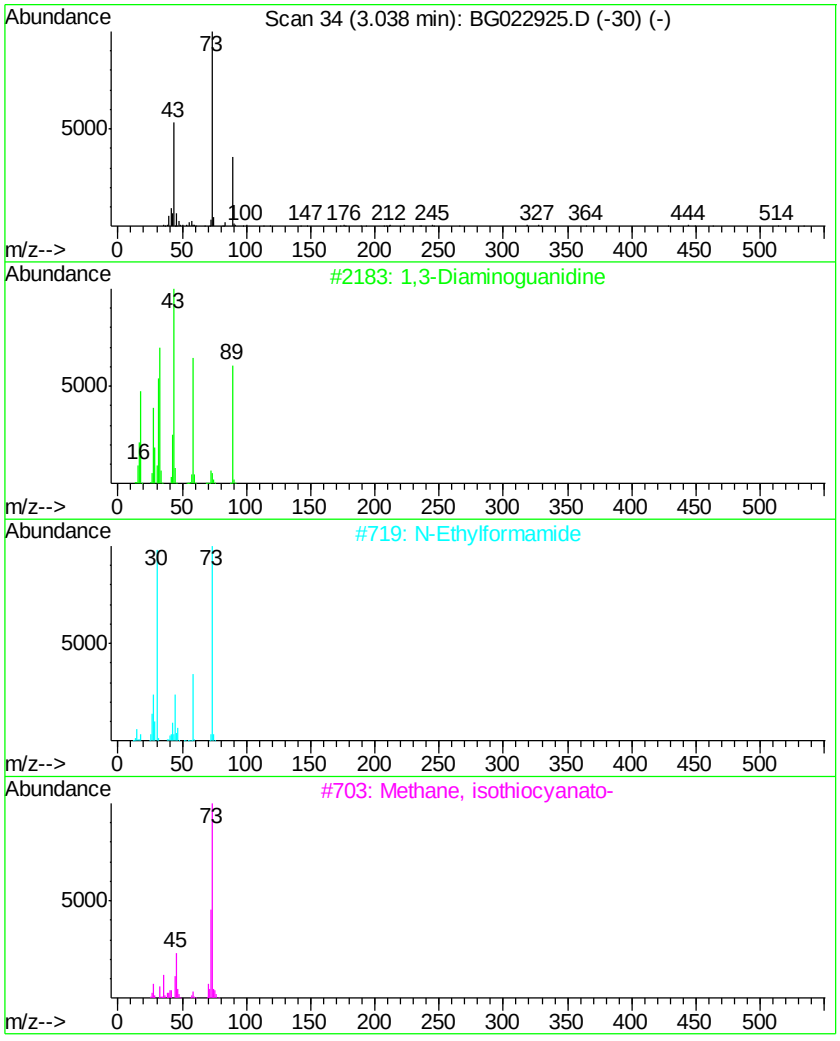
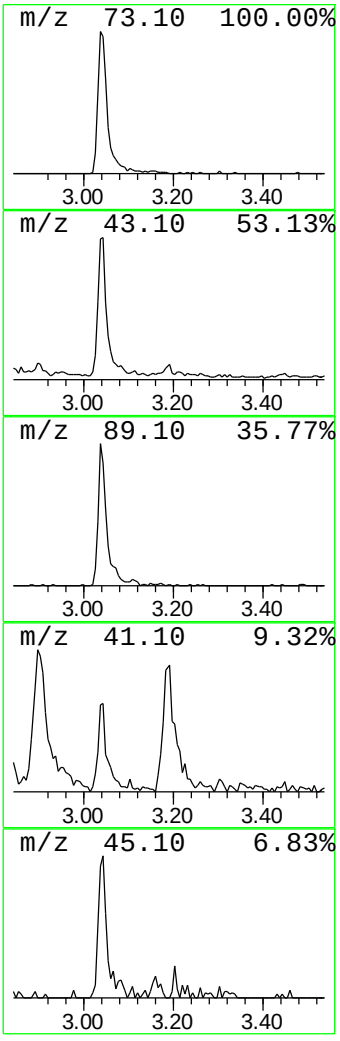
Peak Number 2 unknown3.04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	8.55 ng	288044	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	16
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
4	1-Butanamine, N-methyl-N-nitro-	132	C5H12N2O2	052330-07-1	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





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Misc :
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Instrument : BNA_G
ClientSampleId : 1-B-LOCATION-1-15-20FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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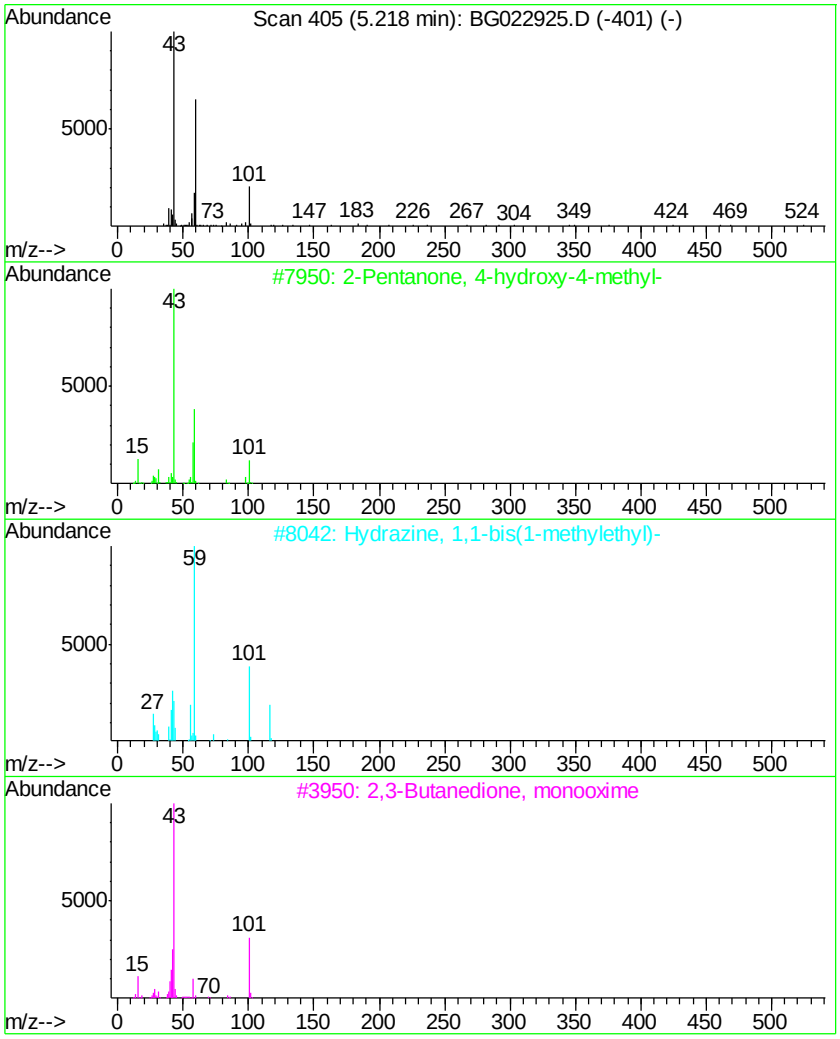
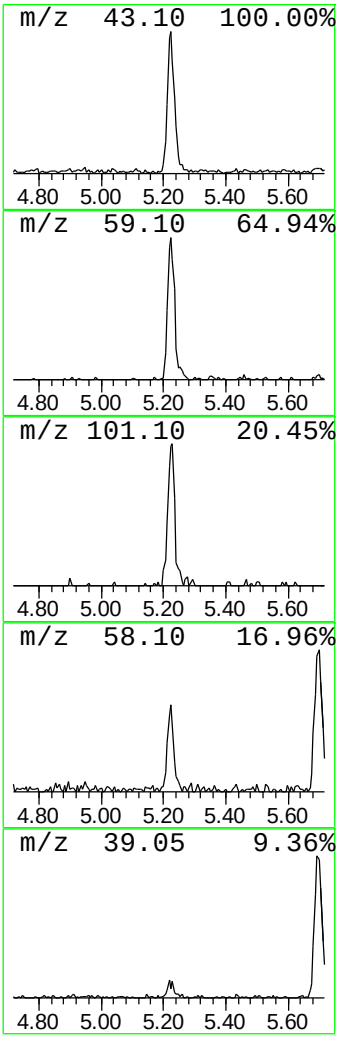
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	4.61 ng	155480	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	23
5	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	17





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Instrument : BNA_G
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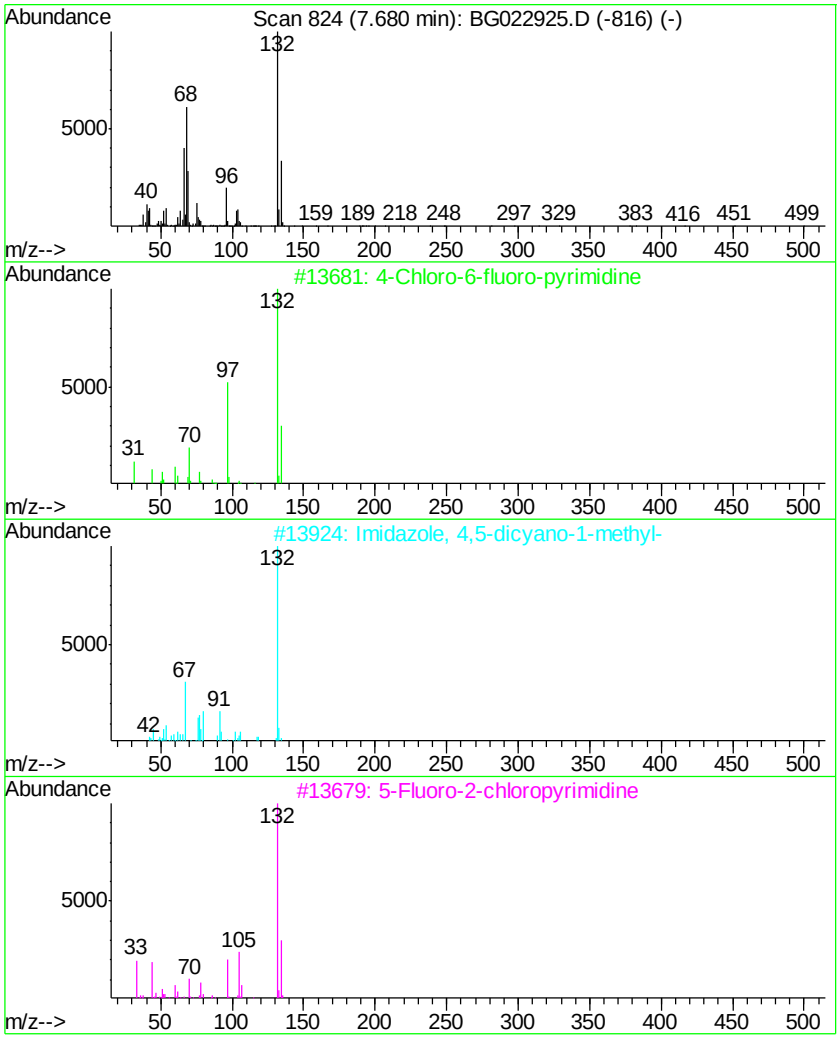
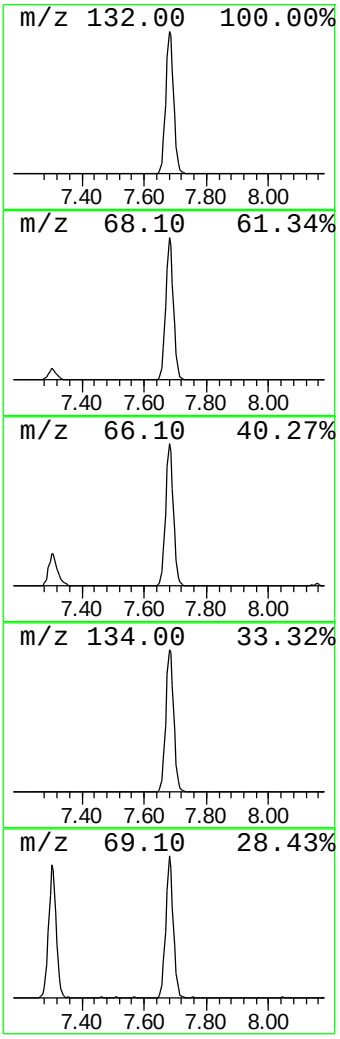
Peak Number 5 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	88.18 ng	2971210	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	10
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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ClientSampleId : 1-B-LOCATION-1-15-20FT

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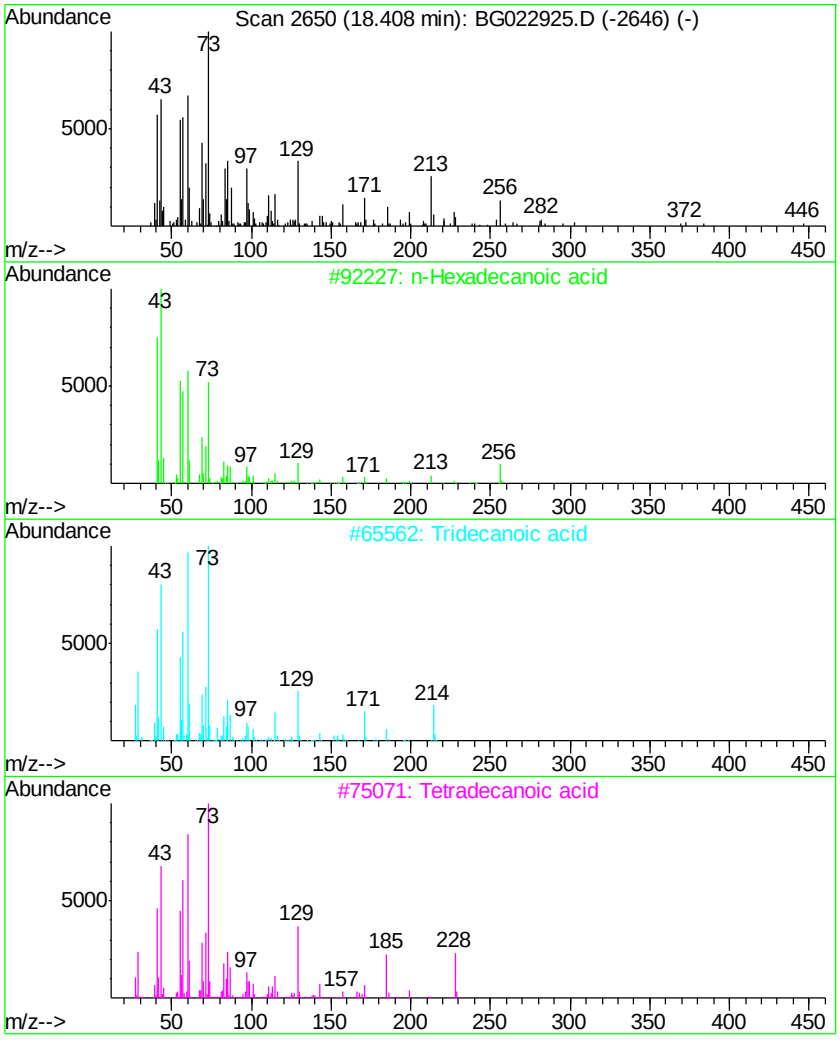
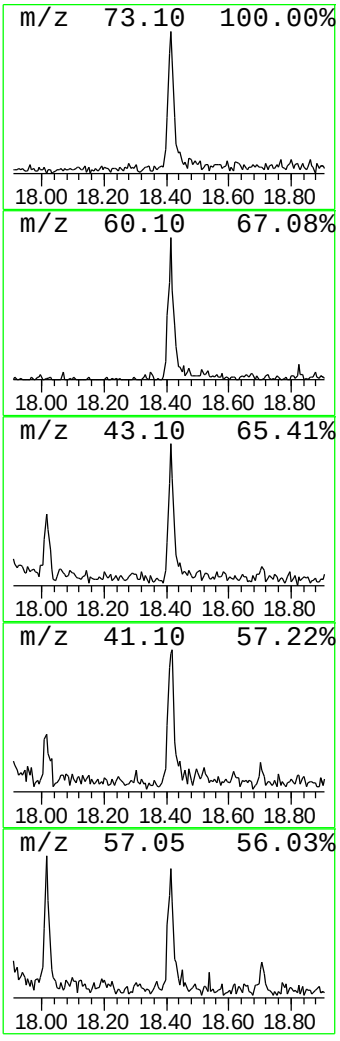
Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.20 ng	263975	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	Dodecanoic acid	200	C12H24O2	000143-07-7	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





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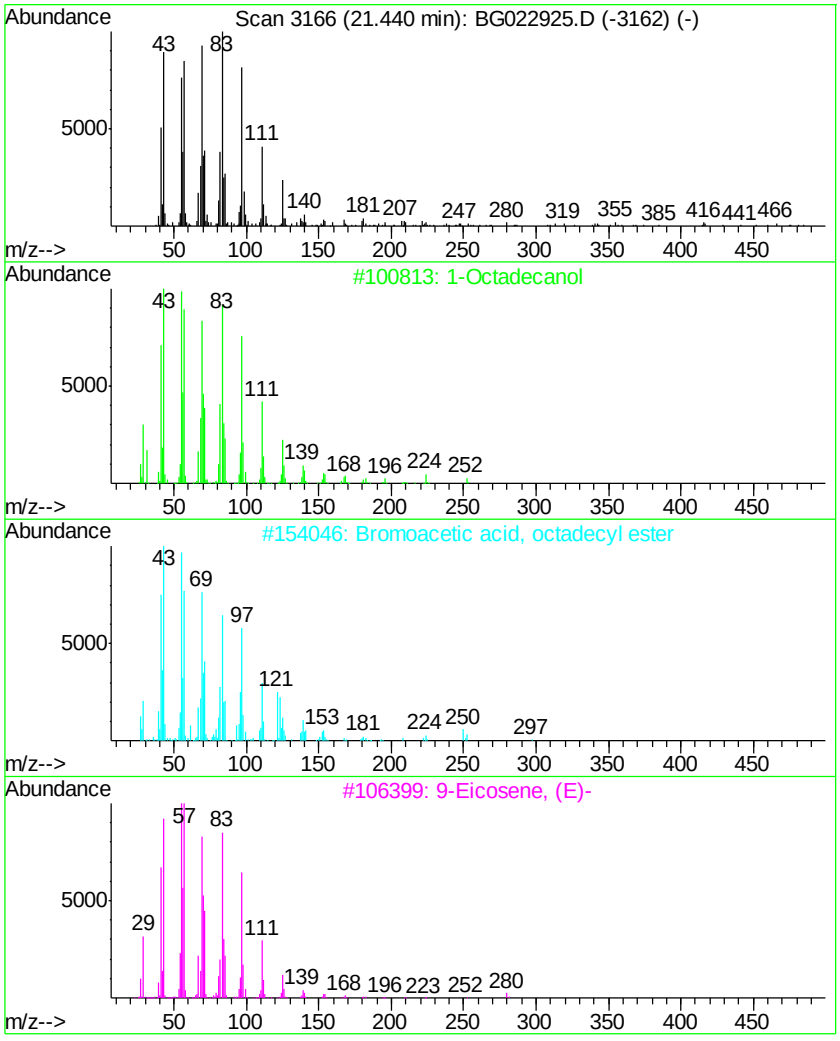
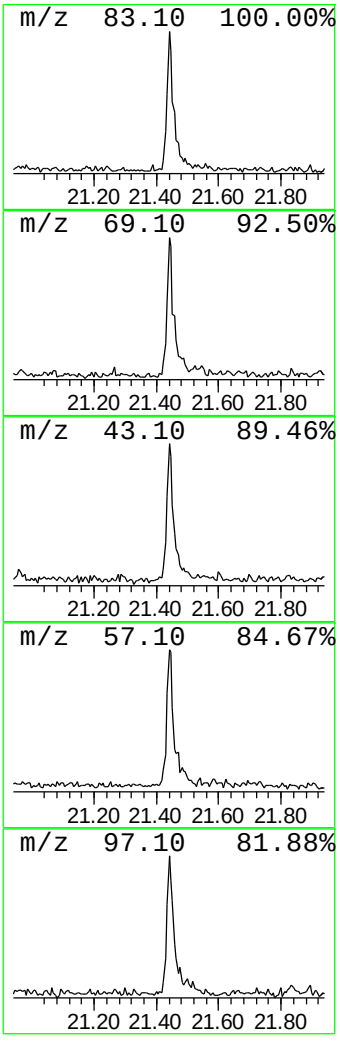
Peak Number 8 1-Octadecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	3.69 ng	504314	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	91
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	86
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	86
4	1-Docosanethiol	342	C22H46S	007773-83-3	86
5	1-Eicosanol	298	C20H42O	000629-96-9	81





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	2.90	7.3	ng	244478	1	8.16	673895	20.0
unknown3.04	3.04	8.6	ng	288044	1	8.16	673895	20.0
2-Pentanone, 4-hy...	5.22	4.6	ng	155480	1	8.16	673895	20.0
unknown7.68	7.68	88.2	ng	2971210	1	8.16	673895	20.0
n-Hexadecanoic acid	18.41	2.2	ng	263975	4	17.55	2401540	20.0
1-Octadecanol	21.44	3.7	ng	504314	5	21.84	2732430	20.0