LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022926.D
Acq On : 8 Jul 2016 11:24
Operator : UM/SJ
Sample : H3876-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2-B-LOCATION-2-15-20FT

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	2.904	7	11	25	rVB	224514	491272	18.15%	2.430%
2	3.040	31	34	42	rVB	58189	74985	2.77%	0.371%
3	3.186	54	59	71	rBV2	172958	340901	12.59%	1.686%
4	5.225	402	406	413	rVB3	21099	42146	1.56%	0.209%
5	5.695	480	486	495	rBV	325307	531262	19.62%	2.628%
6	7.299	753	759	770	rBV	392563	735162	27.15%	3.637%
7	7.681	812	824	832	rBV2	348493	641482	23.69%	3.174%
8	8.151	896	904	912	rBV	377536	655374	24.21%	3.242%
9	8.474	952	959	966	rBV	194070	342978	12.67%	1.697%
10	9.326	1095	1104	1111	rBV	234638	449528	16.60%	2.224%
11	10.977	1376	1385	1392	rBV	544250	1022067	37.75%	5.056%
12	13.416	1791	1800	1806	rBV	638951	997368	36.84%	4.934%
13	14.238	1934	1940	1947	rBV	481741	720413	26.61%	3.564%
14	14.661	2007	2012	2018	rVB3	28626	46829	1.73%	0.232%
15	14.796	2028	2035	2043	rVB2	1036933	1699863	62.79%	8.410%
16	15.619	2170	2175	2178	rBV2	47976	62117	2.29%	0.307%
17	16.289	2283	2289	2297	rBV	623916	991385	36.62%	4.905%
18	16.483	2316	2322	2329	rVB4	59257	101823	3.76%	0.504%
19	17.276	2454	2457	2461	rBV2	76663	98216	3.63%	0.486%
20	17.552	2496	2504	2509	rBV2	1466015	2275032	84.03%	11.255%
21	17.593	2509	2511	2518	rVB	89339	142336	5.26%	0.704%
22	17.822	2545	2550	2556	rBV9	21876	37102	1.37%	0.184%
23	18.022	2580	2584	2590	rVB5	49611	76052	2.81%	0.376%
24	18.422	2645	2652	2657	rBV2	179761	261683	9.67%	1.295%
25	18.633	2680	2688	2690	rBV9	15125	37449	1.38%	0.185%
26	19.597	2847	2852	2857	rVB	90589	140563	5.19%	0.695%
27	19.679	2863	2866	2872	rBV6	43815	63883	2.36%	0.316%
28	19.832	2889	2892	2895	rVB4	27601	28646	1.06%	0.142%
29	19.961	2910	2914	2919	rVB2	67481	103492	3.82%	0.512%
30	20.149	2941	2946	2953	rVB	1244112	1618892	59.80%	8.009%
31	20.866	3065	3068	3071	rVB5	35889	34859	1.29%	0.172%
32	21.447	3163	3167	3175	rBV6	115390	187273	6.92%	0.926%
33	21.841	3227	3234	3242	rBV2	1525188	2707313	100.00%	13.394%
34	25.196	3795	3805	3815	rBV2	830980	2453791	90.64%	12.139%

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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 20213537

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
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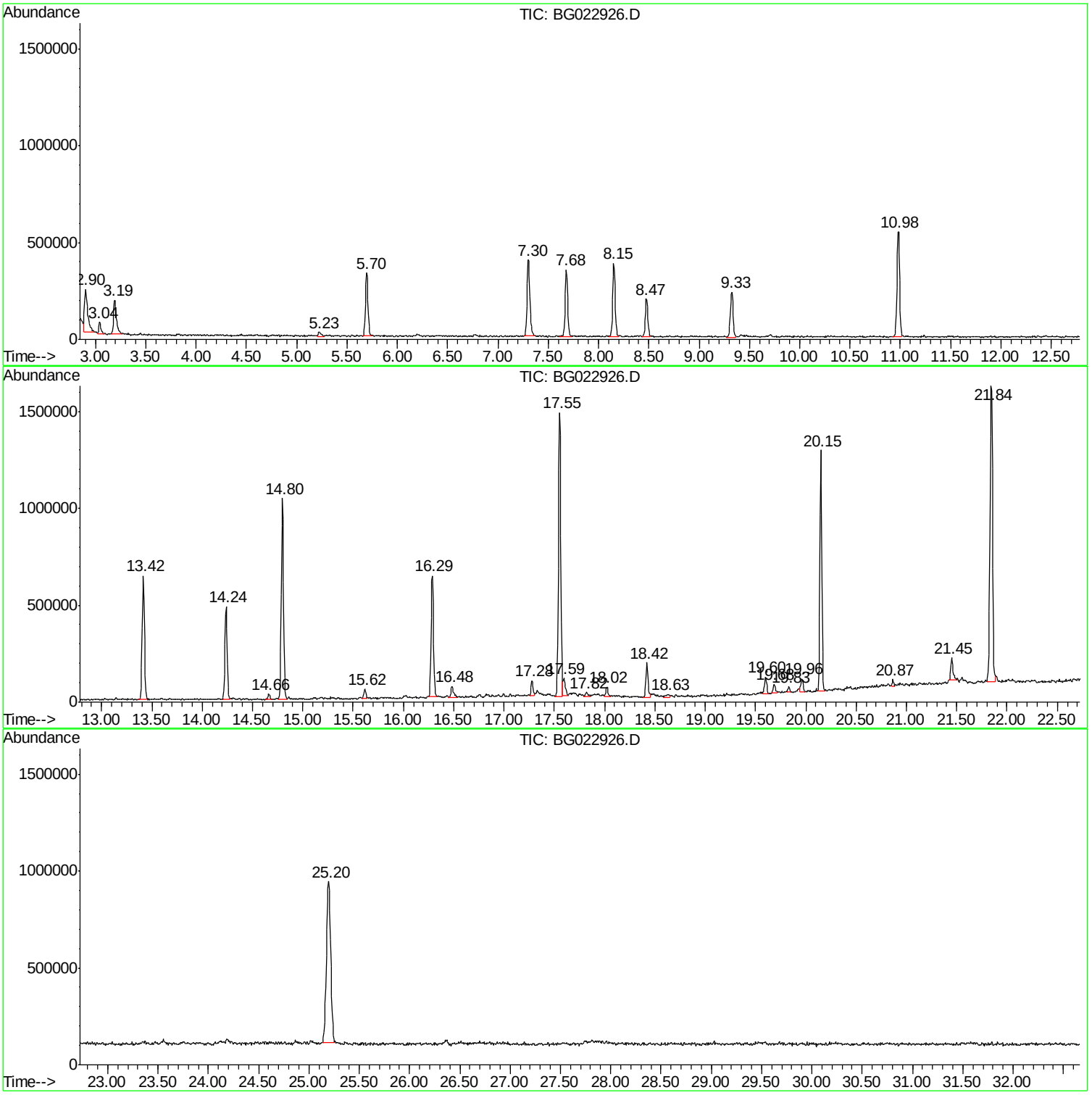
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2-B-LOCATION-2-15-20FT

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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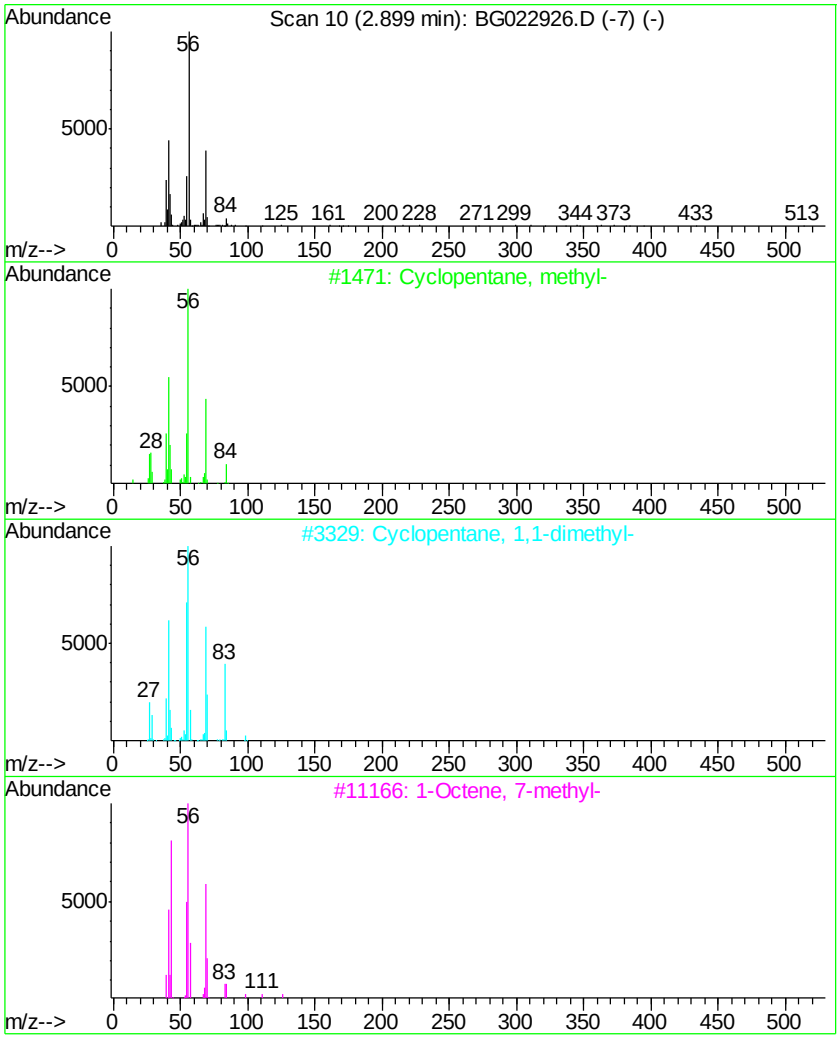
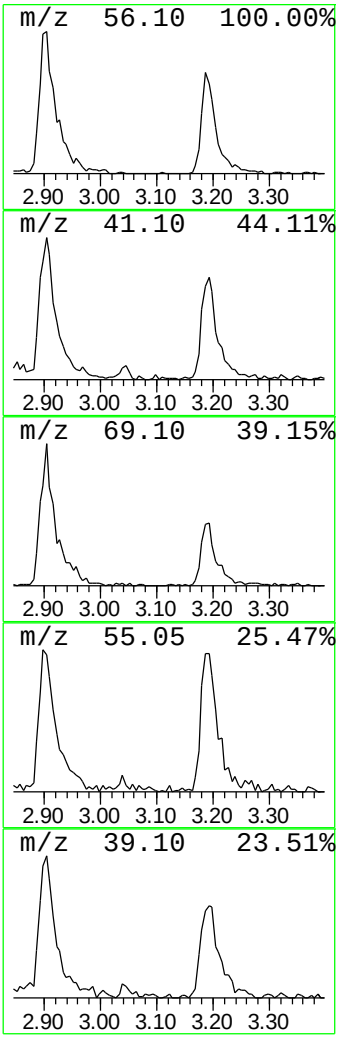
Peak Number 1 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	14.99 ng	491272	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	56
3	1-Octene, 7-methyl-	126	C9H18	013151-06-9	40
4	Heptane, 4-methylene-	112	C8H16	015918-08-8	40
5	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	40





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
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Sample : H3876-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2-B-LOCATION-2-15-20FT

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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TIC Library : C:\DATABASE\NIST02.L
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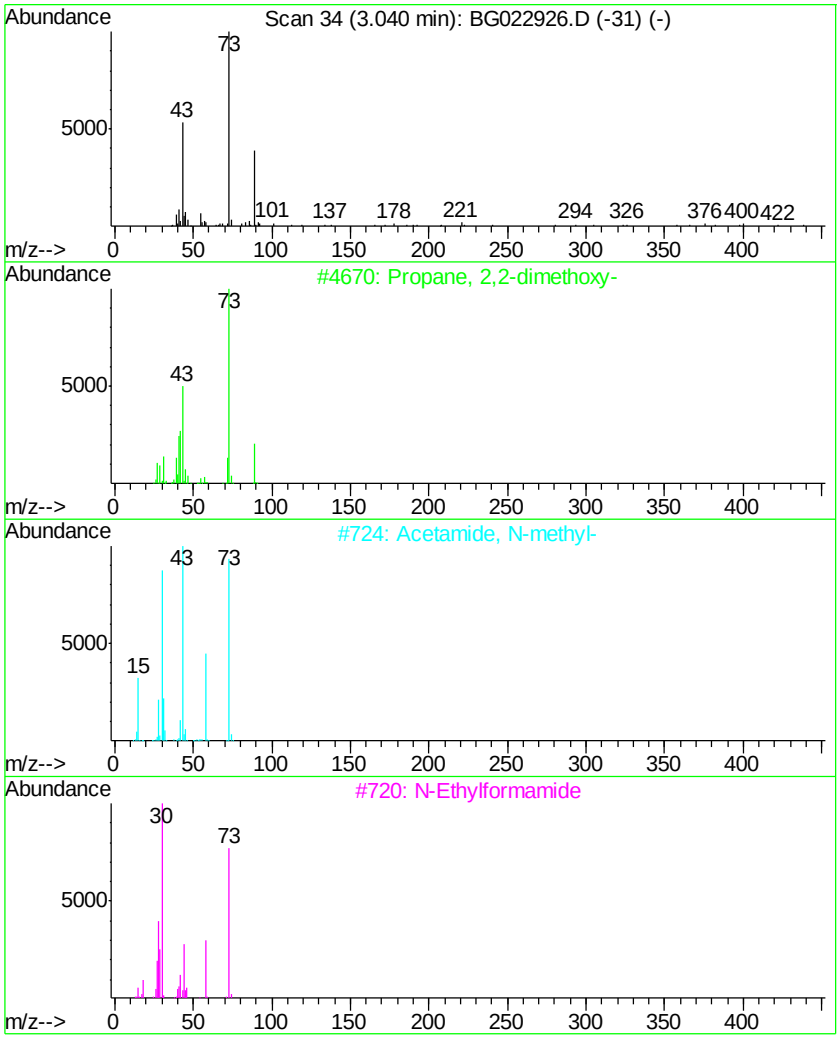
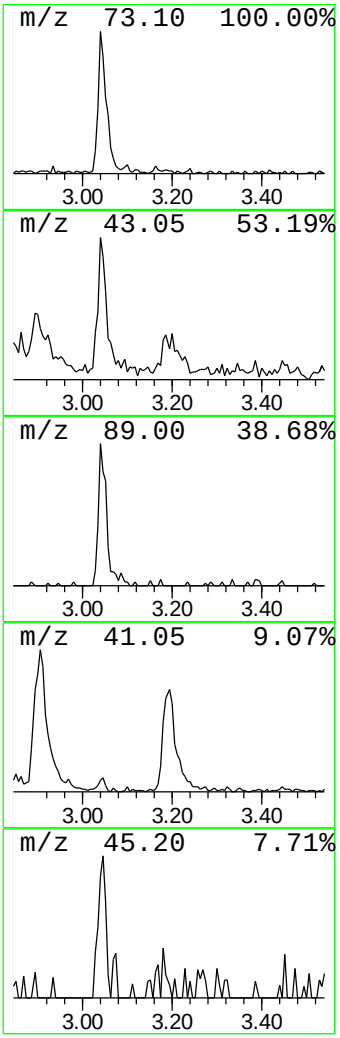
****

Peak Number 2 unknown3.04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	2.29 ng	74985	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	12
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	7
3	N-Ethylformamide	73	C3H7NO	000627-45-2	5
4	Guanidine, methyl-	73	C2H7N3	000471-29-4	5
5	Pentanoic acid, 2-(methoxyimino)...	231	C10H21NO3Si	055494-02-5	4





Library Search Compound Report

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ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2-B-LOCATION-2-15-20FT

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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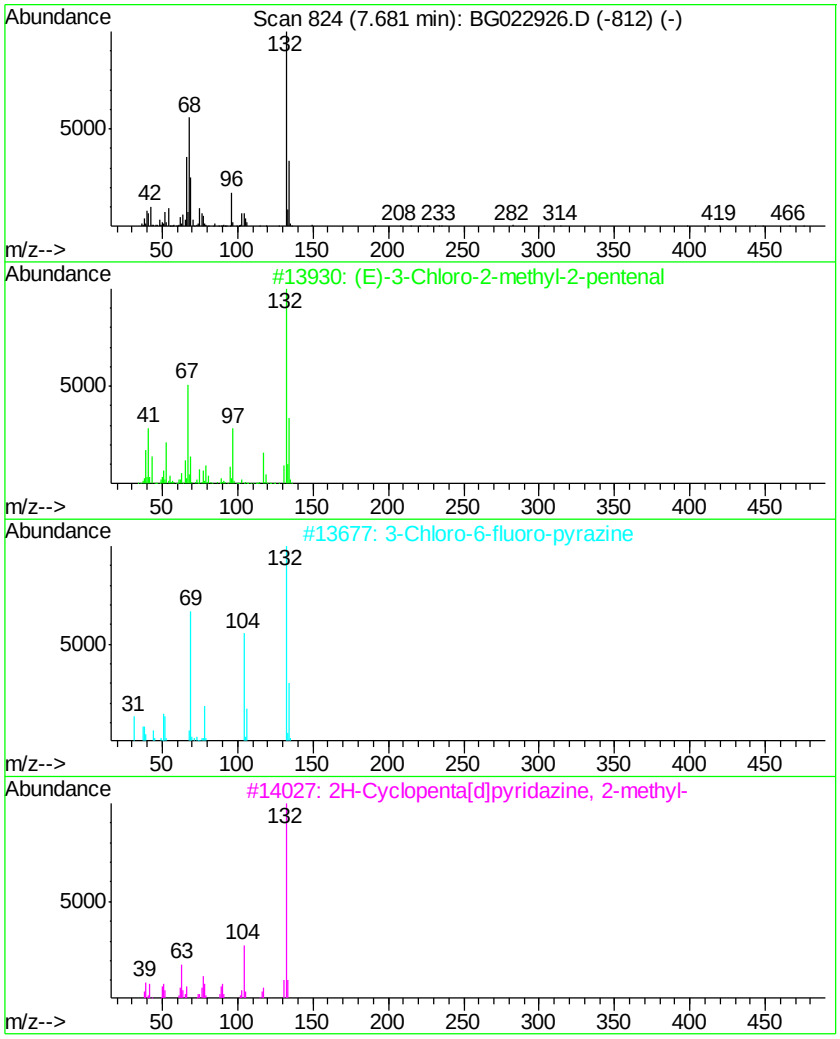
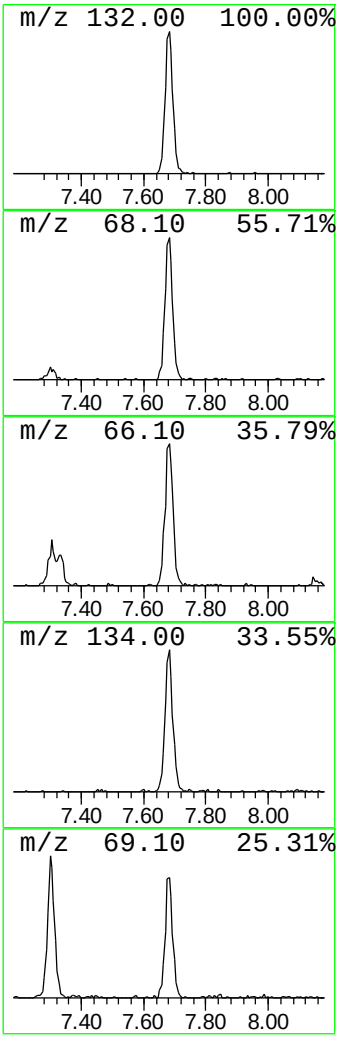
Peak Number 4 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	19.58 ng	641482	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
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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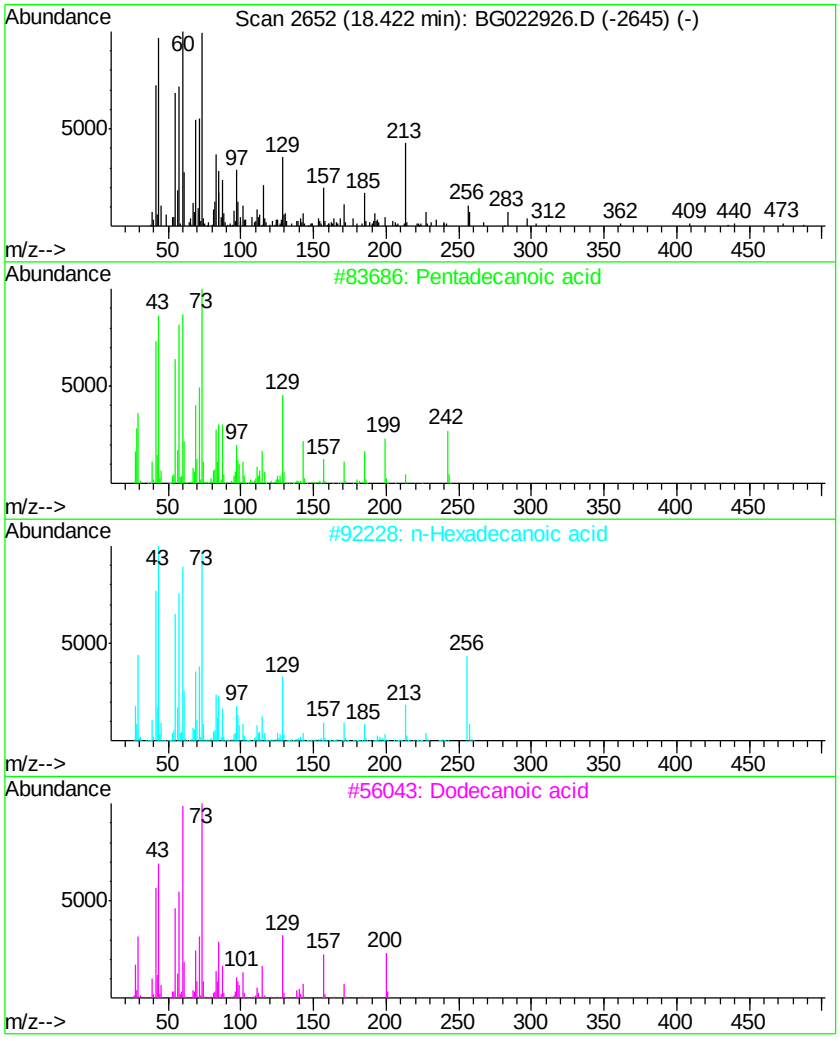
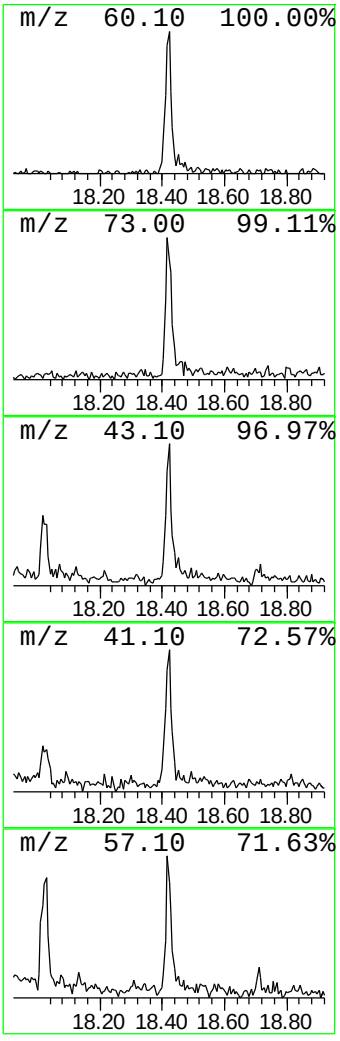
Peak Number 6 Pentadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.30 ng	261683	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
3	Dodecanoic acid	200	C12H24O2	000143-07-7	50
4	Undecanoic acid	186	C11H22O2	000112-37-8	50
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





Tentatively Identified Compound (LSC) summary

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ClientSampleId : 2-B-LOCATION-2-15-20FT

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentane, met...	2.90	15.0	ng	491272	1	8.15	655374	20.0
unknown3.04	3.04	2.3	ng	74985	1	8.15	655374	20.0
unknown7.68	7.68	19.6	ng	641482	1	8.15	655374	20.0
Pentadecanoic acid	18.42	2.3	ng	261683	4	17.55	2275030	20.0