LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022920.D
Acq On : 8 Jul 2016 7:25
Operator : UM/SJ
Sample : H3900-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2

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	3.037	31	34	42	rBV	126673	206757	2.04%	0.360%
2	5.223	400	406	414	rBV	288347	466524	4.60%	0.811%
3	5.699	479	487	498	rBV	2388230	3794890	37.39%	6.601%
4	7.309	750	761	770	rBV	2651707	4589077	45.21%	7.982%
5	7.685	817	825	837	rVB	2491046	4255698	41.93%	7.402%
6	8.155	896	905	913	rBV	454326	790682	7.79%	1.375%
7	8.478	950	960	970	rVB	1799094	3141442	30.95%	5.464%
8	9.324	1096	1104	1113	rBV	1610254	2983155	29.39%	5.189%
9	10.981	1378	1386	1393	rVB	662091	1164507	11.47%	2.026%
10	13.419	1792	1801	1808	rBV	4437366	6884368	67.83%	11.975%
11	14.236	1934	1940	1946	rBV	521088	767269	7.56%	1.335%
12	14.800	2029	2036	2043	rBV2	1114762	1856475	18.29%	3.229%
13	16.292	2283	2290	2299	rBV	4093690	6459263	63.64%	11.235%
14	16.480	2317	2322	2330	rBV2	115573	199217	1.96%	0.347%
15	17.280	2454	2458	2462	rVB2	110290	119097	1.17%	0.207%
16	17.556	2497	2505	2512	rBV2	1613828	2490273	24.53%	4.332%
17	17.908	2559	2565	2570	rBV4	69196	110990	1.09%	0.193%
18	18.419	2648	2652	2660	rBV3	174287	264315	2.60%	0.460%
19	19.688	2863	2868	2873	rBV4	85956	141539	1.39%	0.246%
20	20.153	2941	2947	2958	rVB	7231286	10150038	100.00%	17.655%
21	20.928	3076	3079	3083	rBV2	106388	129108	1.27%	0.225%
22	21.451	3163	3168	3180	rBV3	251672	461001	4.54%	0.802%
23	21.845	3228	3235	3241	rVB	1530812	2545017	25.07%	4.427%
24	23.349	3485	3491	3498	rVB2	391681	759676	7.48%	1.321%
25	23.566	3522	3528	3535	rBV3	95100	176742	1.74%	0.307%
26	25.194	3795	3805	3817	rVB2	882967	2584021	25.46%	4.495%

Sum of corrected areas: 57491141

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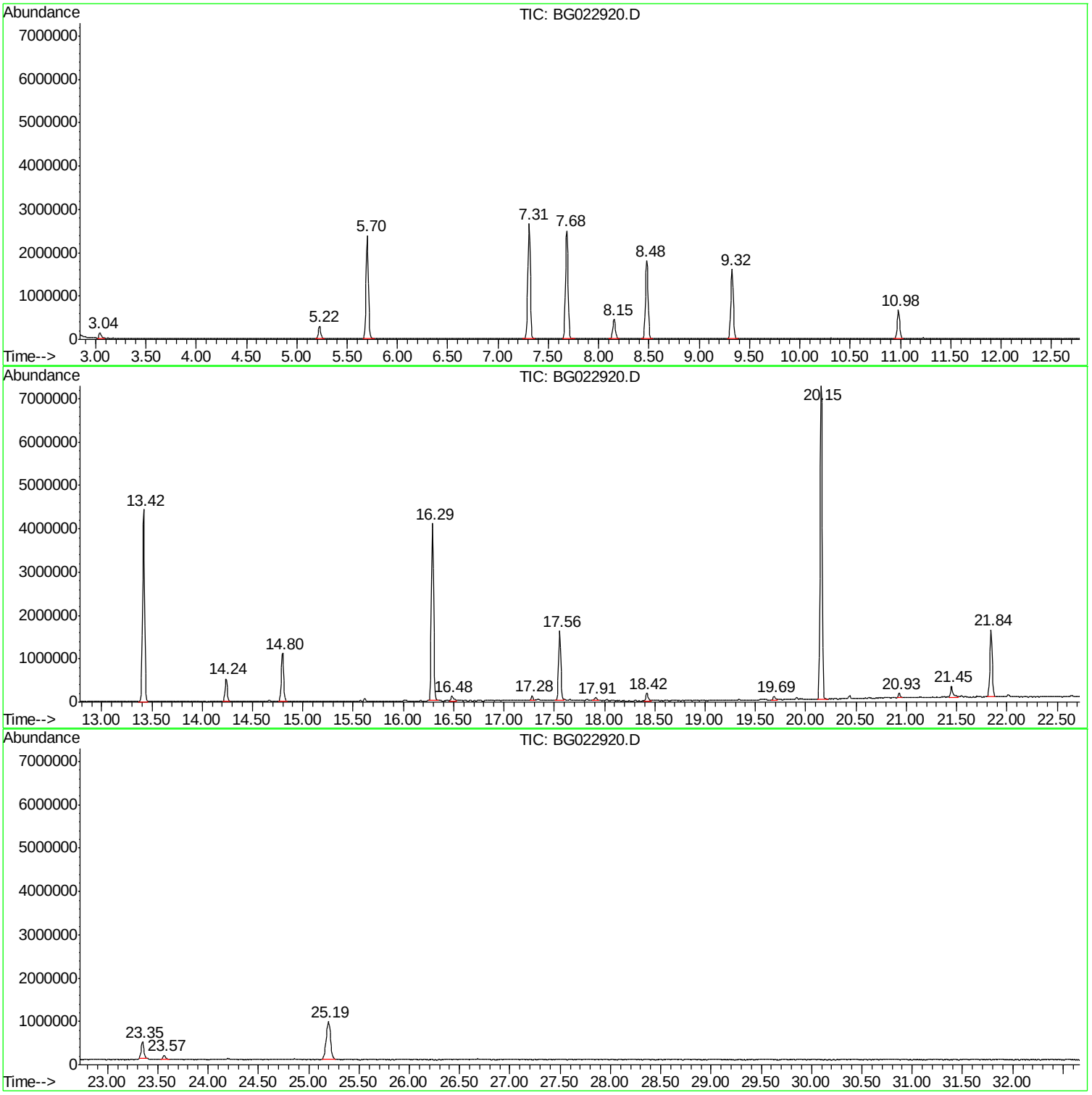
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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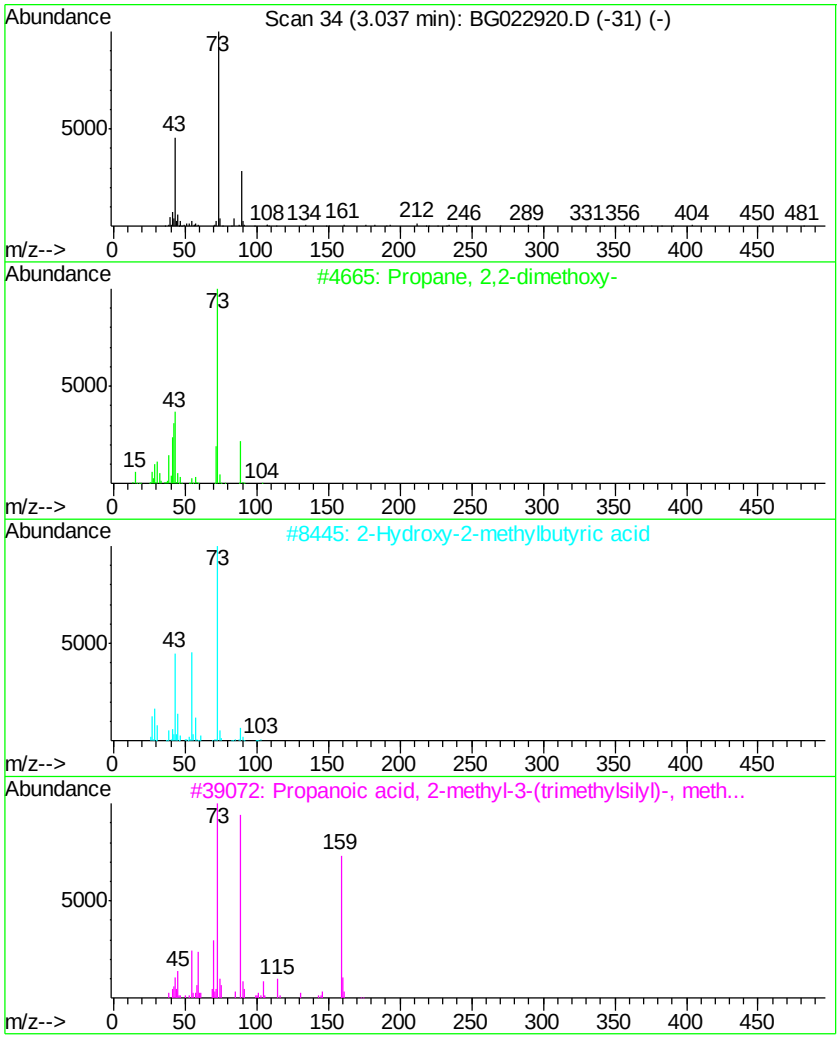
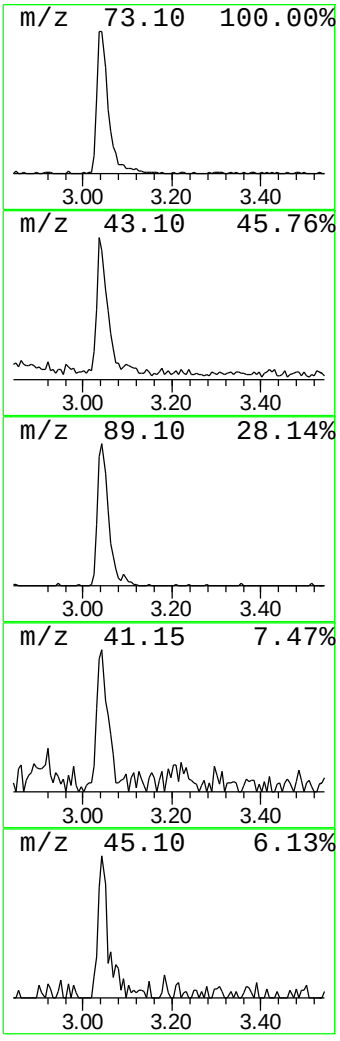
Peak Number 1 unknown3.04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	5.23 ng	206757	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	33
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	12
3	Propanoic acid, 2-methyl-3-(trim...	174	C8H18O2Si	018388-42-6	9
4	Butanoic acid, 2-(methoxyimino)-...	217	C9H19NO3Si	055493-95-3	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





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Instrument : BNA_G
ClientSampleId : B-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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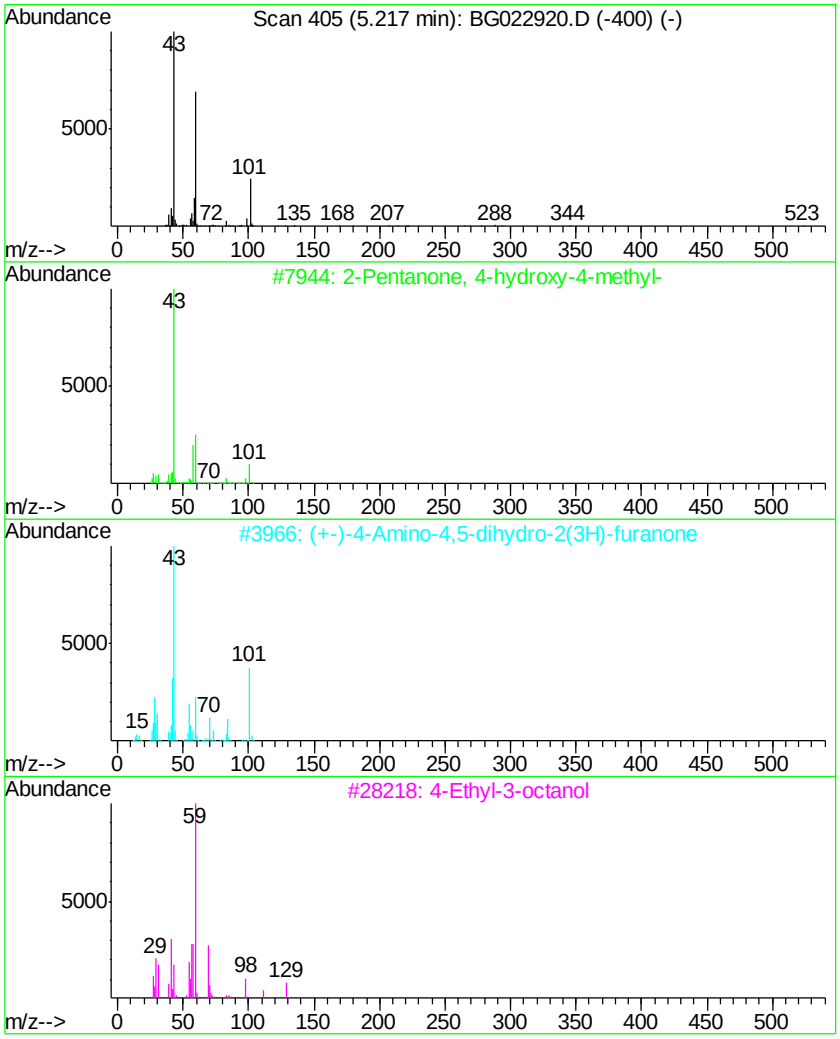
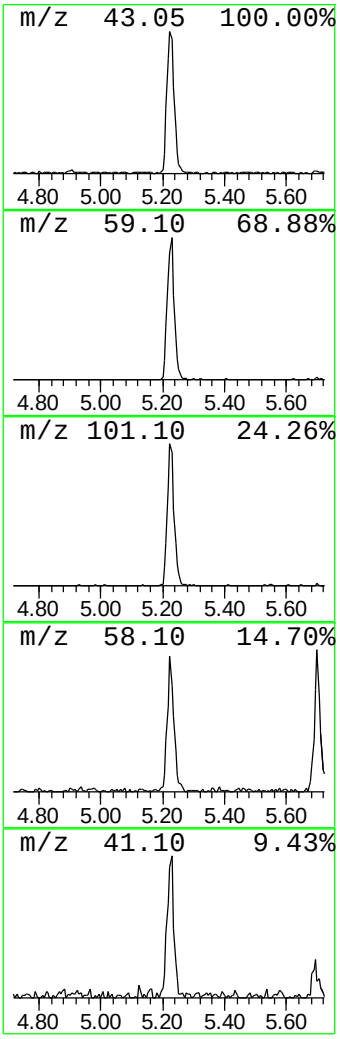
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	11.80 ng	466524	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	40
3	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	25
4	Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	23
5	Butanoic acid, 3-oxo-, 2-propeny...	142	C7H10O3	001118-84-9	9





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Sample : H3900-02
Misc :
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Instrument : BNA_G
ClientSampleId : B-2

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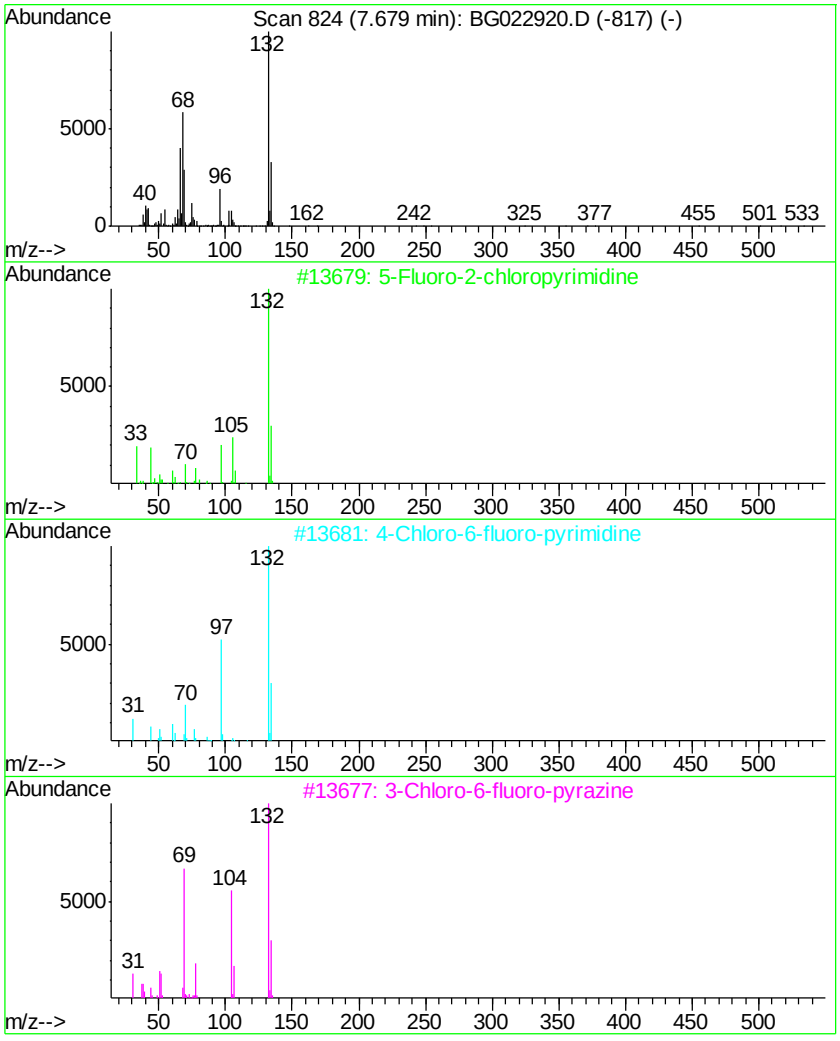
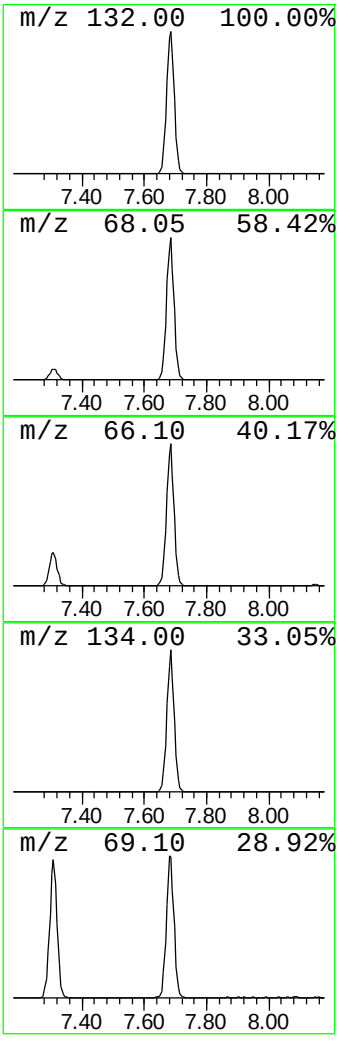
Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	107.65 ng	4255700	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





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Instrument : BNA_G
ClientSampleId : B-2

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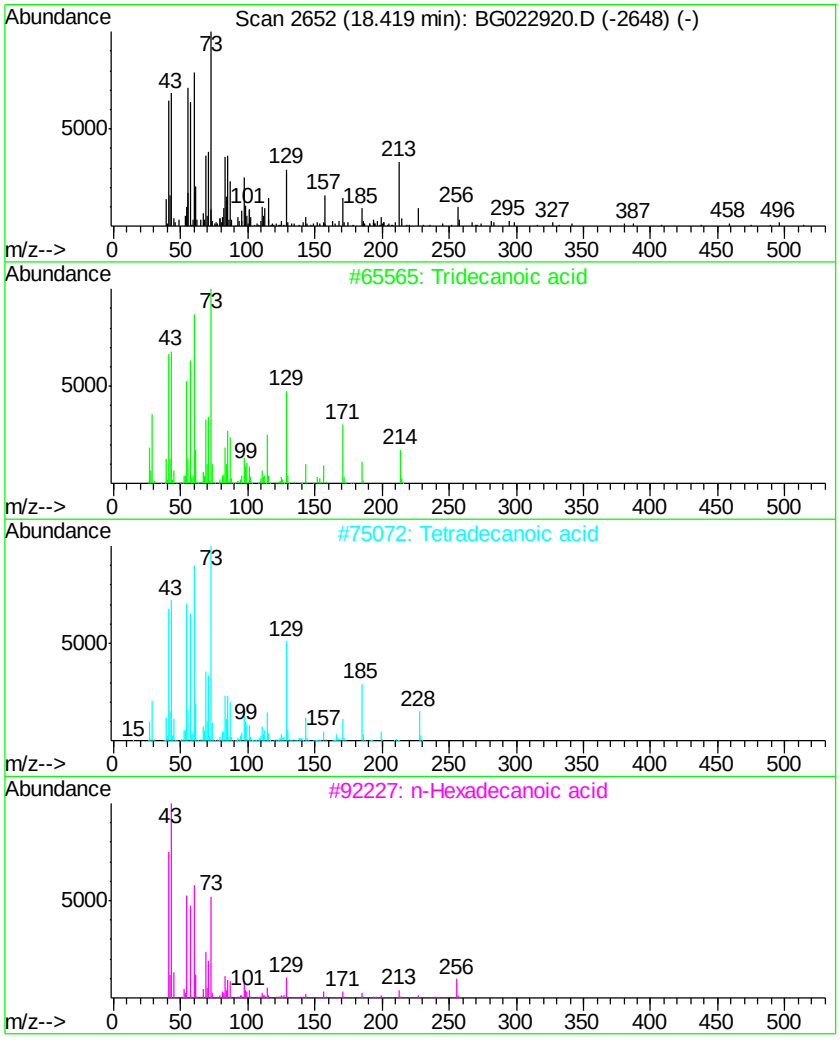
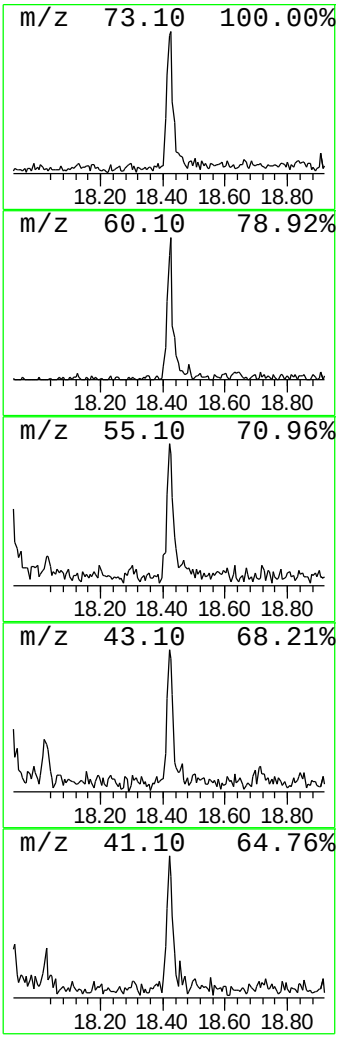
Peak Number 5 Tridecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.12 ng	264315	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	72
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
4	Undecanoic acid	186	C11H22O2	000112-37-8	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	50





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Instrument : BNA_G
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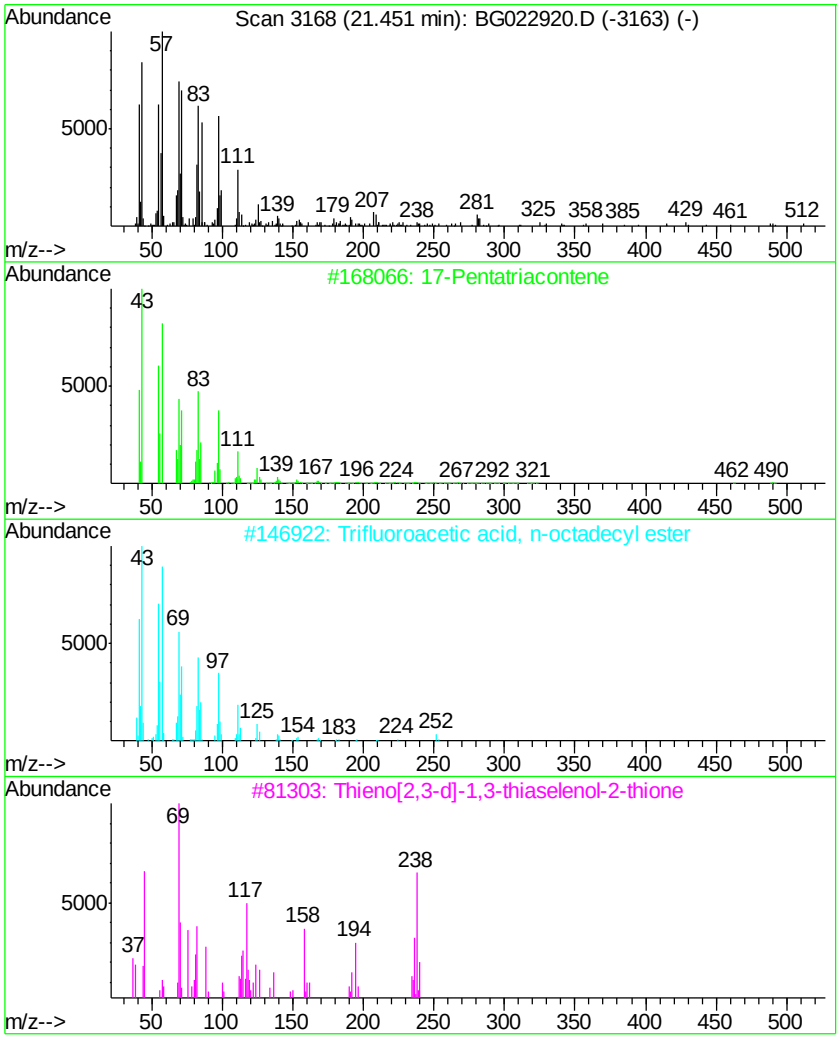
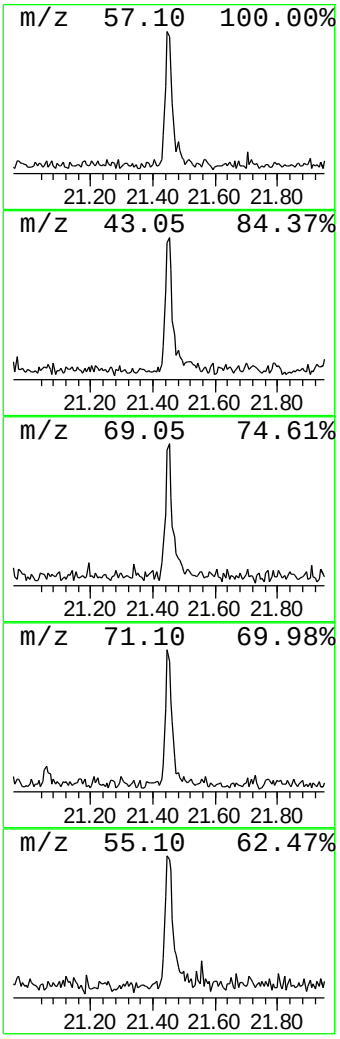
Peak Number 6 17-Pentatriacontene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	3.62 ng	461001	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	93
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	83
3	Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	64
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	53
5	1-Heptacosanol	396	C27H56O	002004-39-9	53





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Instrument : BNA_G
ClientSampleId : B-2

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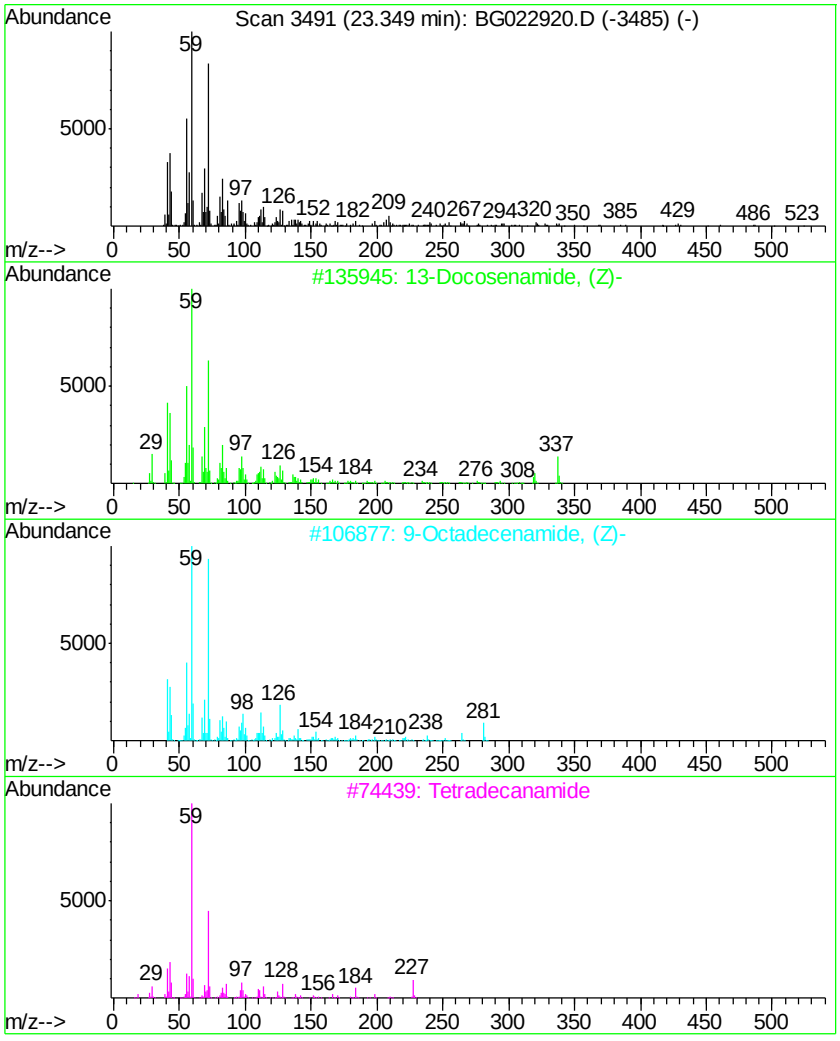
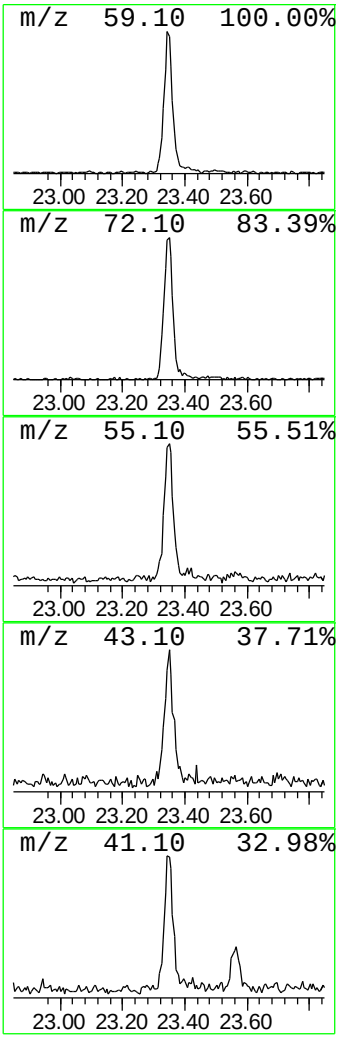
Peak Number 7 13-Docosenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.35	5.97 ng	759676	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	72
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	59
3	Tetradecanamide	227	C14H29NO	000638-58-4	52
4	Dodecanamide	199	C12H25NO	001120-16-7	43
5	Nonanamide	157	C9H19NO	001120-07-6	38





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
unknown3.04	3.04	5.2	ng	206757	1	8.15	790682	20.0
2-Pentanone, 4-hy...	5.22	11.8	ng	466524	1	8.15	790682	20.0
unknown7.68	7.68	107.7	ng	4255700	1	8.15	790682	20.0
Tridecanoic acid	18.42	2.1	ng	264315	4	17.56	2490270	20.0
17-Pentatriacontene	21.45	3.6	ng	461001	5	21.84	2545020	20.0
13-Docosenamide, ...	23.35	6.0	ng	759676	5	21.84	2545020	20.0