LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
Data File : BG016480.D
Acq On : 17 Apr 2015 7:24
Operator : TP/IZ
Sample : G1891-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-71D

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-BG040615.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	2.748	6	10	20	rVV	109584	205876	9.13%	1.227%
2	2.831	20	24	30	rVV	94398	120271	5.34%	0.717%
3	4.775	350	355	363	rVB	102631	144589	6.41%	0.862%
4	5.251	430	436	443	rBV	763705	1081343	47.97%	6.444%
5	6.850	700	708	721	rBV	782028	1170077	51.90%	6.973%
6	7.196	760	767	777	rBV	793085	1211578	53.74%	7.221%
7	7.660	839	846	852	rBV	244019	379949	16.85%	2.264%
8	7.978	893	900	907	rBV	561577	866576	38.44%	5.164%
9	8.818	1035	1043	1056	rBV	423088	686294	30.44%	4.090%
10	10.445	1311	1320	1326	rBV	359923	581315	25.79%	3.464%
11	12.114	1598	1604	1610	rBV	18674	29270	1.30%	0.174%
12	12.331	1636	1641	1649	rVB	19642	30293	1.34%	0.181%
13	12.919	1734	1741	1750	rBV	1012940	1538074	68.23%	9.166%
14	13.759	1879	1884	1892	rBV	79138	113906	5.05%	0.679%
15	14.305	1968	1977	1983	rBV2	522410	799306	35.46%	4.764%
16	15.792	2224	2230	2237	rBV	779473	1091491	48.42%	6.505%
17	16.015	2265	2268	2276	rVB	15402	26762	1.19%	0.159%
18	16.808	2399	2403	2407	rBV	18201	23450	1.04%	0.140%
19	17.043	2437	2443	2448	rBV2	738323	1004796	44.57%	5.988%
20	17.085	2448	2450	2456	rVB	82348	95705	4.25%	0.570%
21	17.173	2462	2465	2471	rVB2	26128	37448	1.66%	0.223%
22	17.431	2504	2509	2518	rBV9	21623	43931	1.95%	0.262%
23	17.543	2524	2528	2535	rBV	22938	30190	1.34%	0.180%
24	17.942	2593	2596	2610	rVB4	69060	148327	6.58%	0.884%
25	18.148	2628	2631	2639	rVB	44756	66298	2.94%	0.395%
26	18.236	2642	2646	2651	rBV2	19614	26497	1.18%	0.158%
27	18.665	2715	2719	2724	rVB2	33111	43618	1.93%	0.260%
28	19.106	2789	2794	2799	rBV	87541	119163	5.29%	0.710%
29	19.159	2799	2803	2807	rVV	65254	81864	3.63%	0.488%
30	19.229	2812	2815	2818	rBV4	24337	34208	1.52%	0.204%
31	19.464	2851	2855	2865	rVB	78388	123210	5.47%	0.734%
32	19.676	2885	2891	2898	rBV	1836442	2254366	100.00%	13.435%
33	19.887	2923	2927	2930	rBV	32564	39468	1.75%	0.235%
34	20.939	3102	3106	3112	rBV	210703	305525	13.55%	1.821%

LSC Area Percent Report

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.227	3150	3155	3159	rBV	924900	1129026	50.08%	6.729%
36	23.454	3528	3534	3541	rBV2	603965	1095470	48.59%	6.529%

Sum of corrected areas: 16779530

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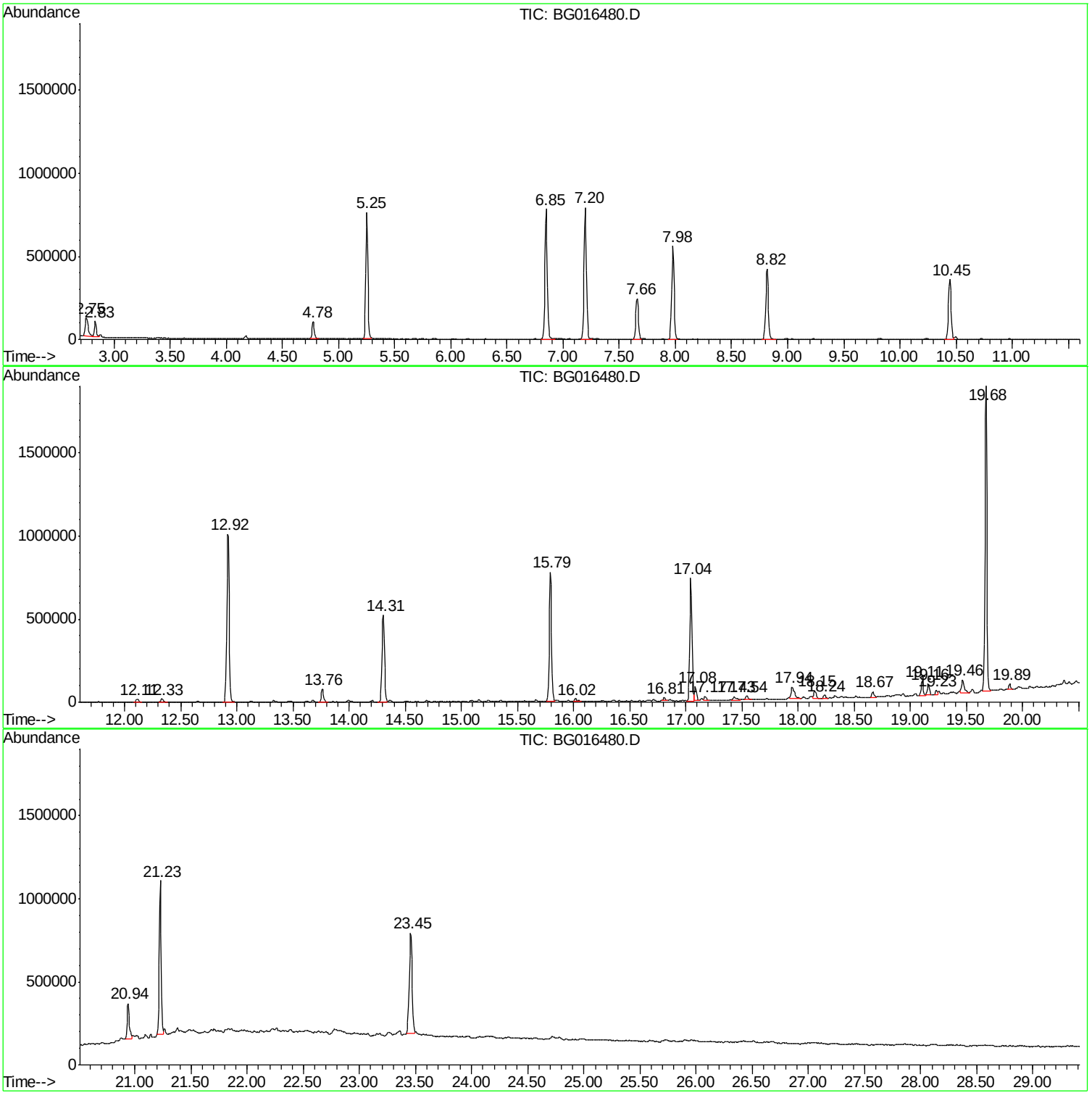
Instrument :
BNA_G
ClientSampleId :
SB-71D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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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TIC Library : C:\DATABASE\NIST02.L
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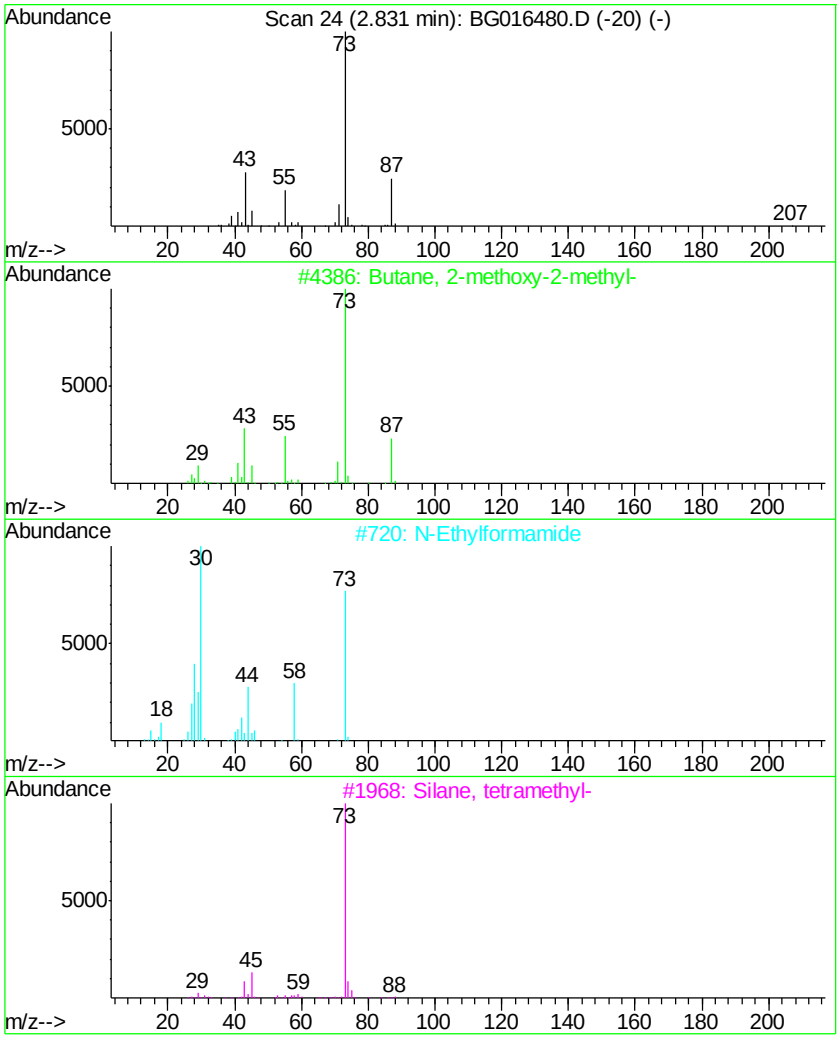
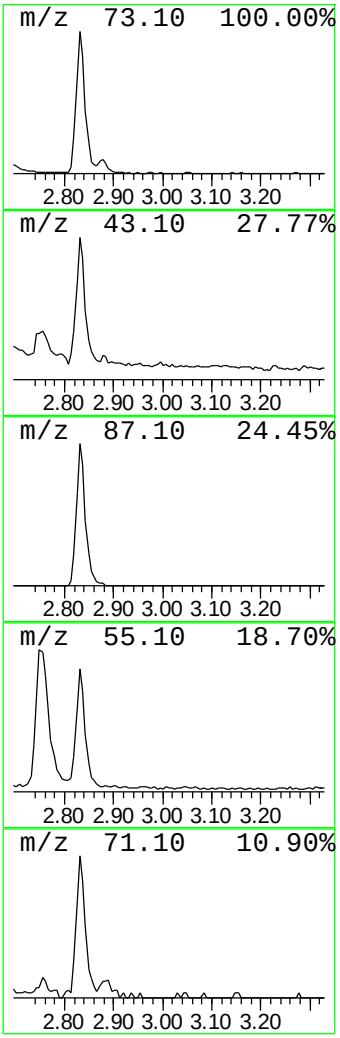
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.83	6.33 ng	120271	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





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Sample : G1891-08
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Instrument : BNA_G
ClientSampleId : SB-71D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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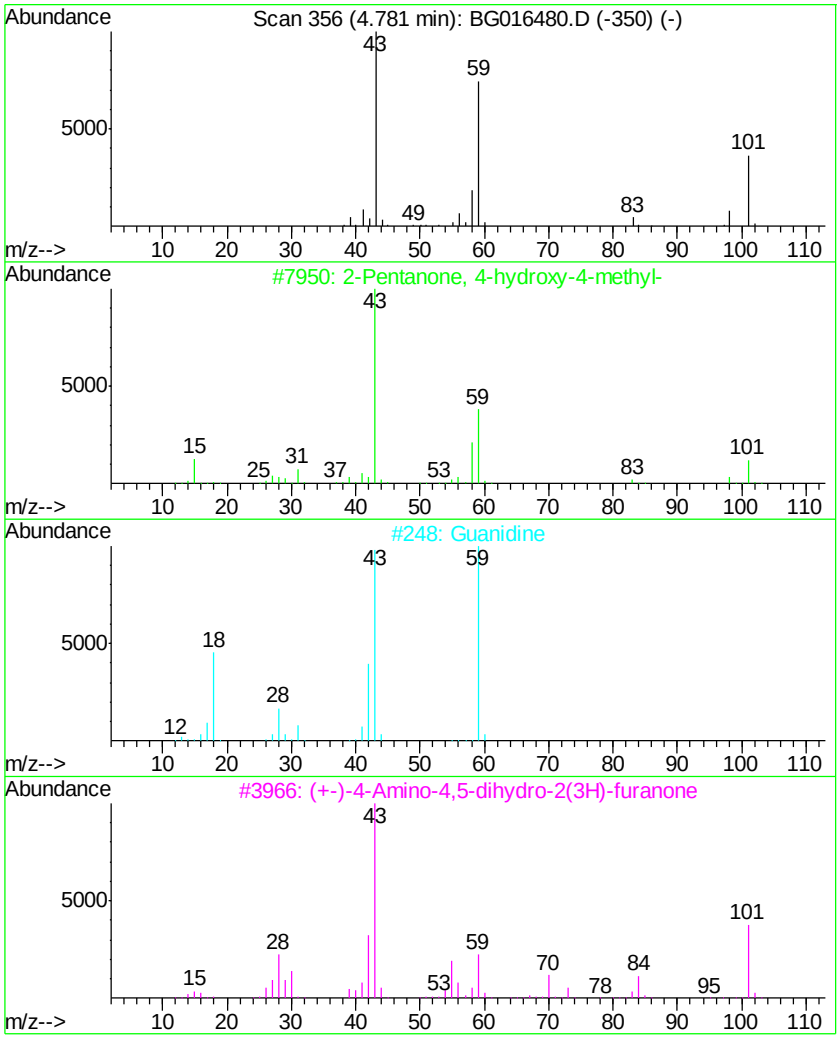
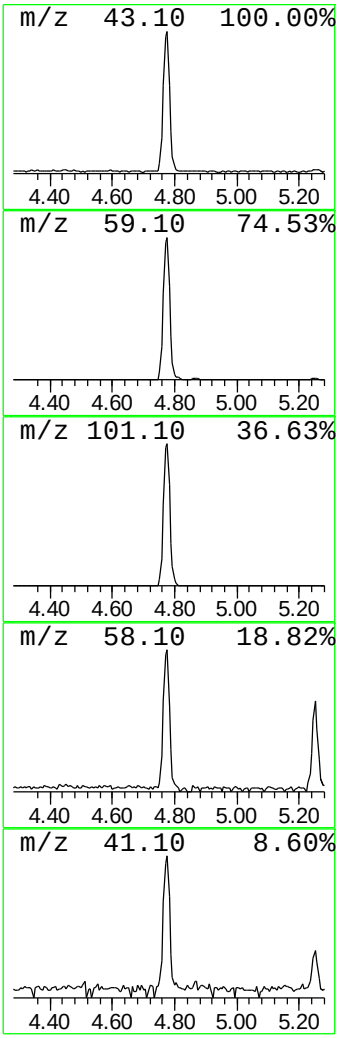
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	7.61 ng	144589	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Guanidine	59	CH5N3	000113-00-8	38
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	17
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	16





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Sample : G1891-08
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Instrument : BNA_G
ClientSampleId : SB-71D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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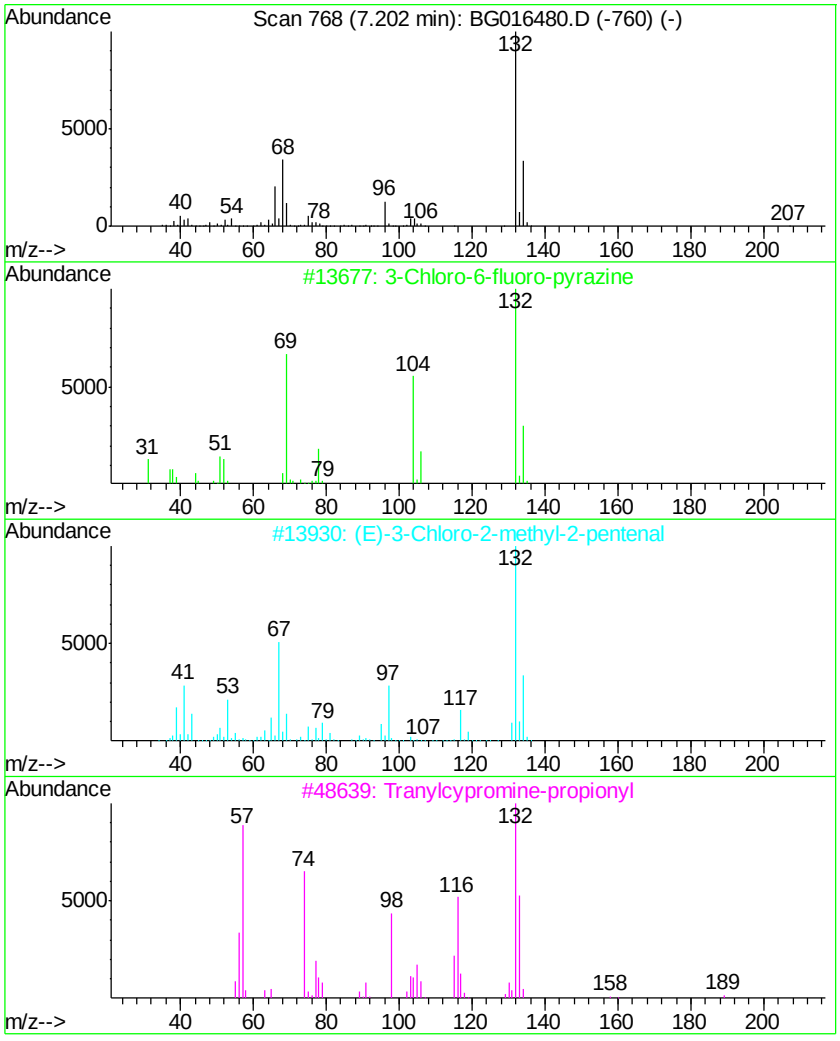
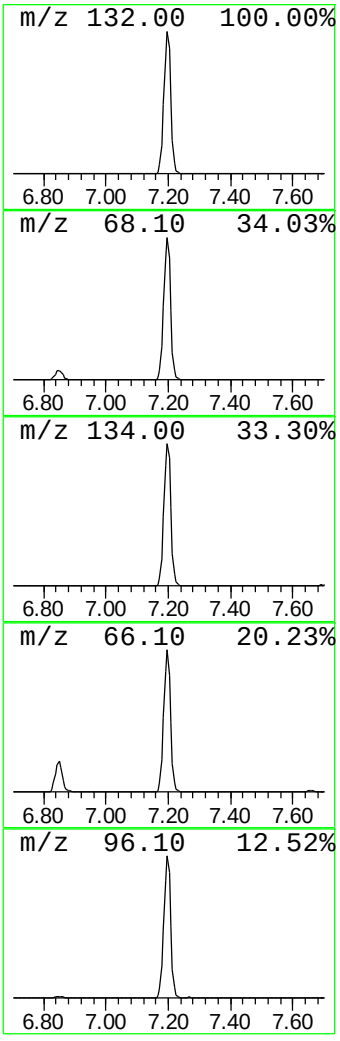
Peak Number 4 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	63.78 ng	1211580	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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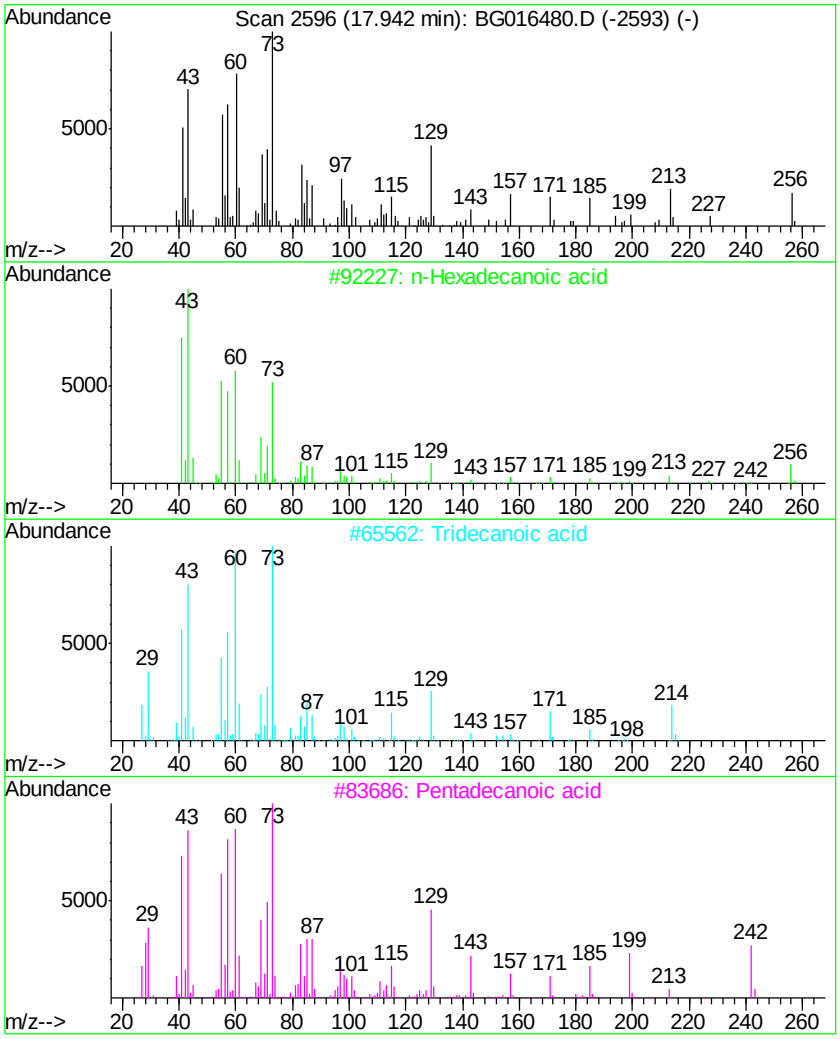
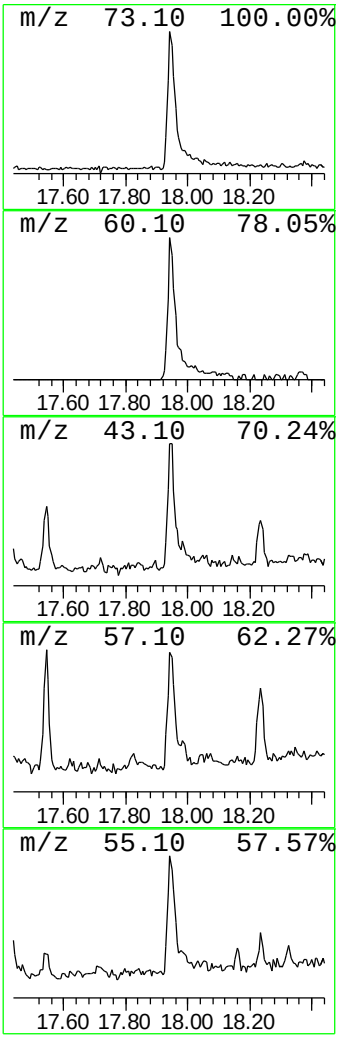
Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.95 ng	148327	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	25





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ClientSampleId : SB-71D

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TIC Library : C:\DATABASE\NIST02.L
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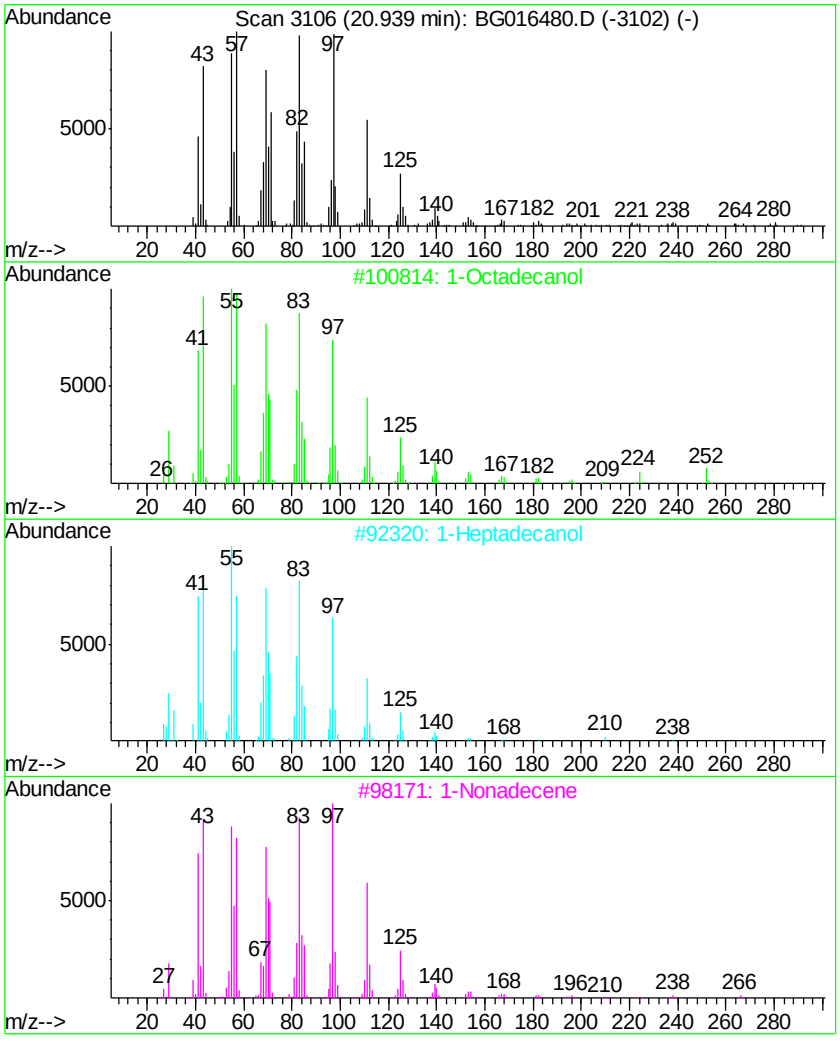
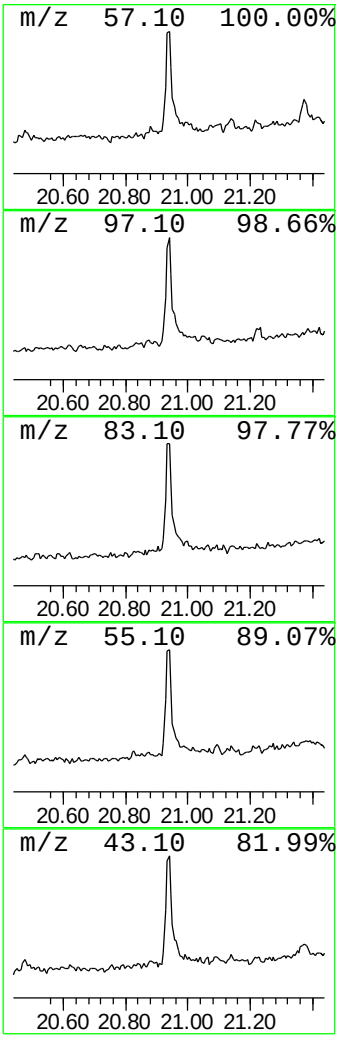
****

Peak Number 9 1-Octadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	5.41 ng	305525	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	91
2	1-Heptadecanol	256	C17H36O	001454-85-9	90
3	1-Nonadecene	266	C19H38	018435-45-5	87
4	1-Tetracosanol	354	C24H50O	000506-51-4	87
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	87





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...	2.83	6.3	ng	120271	1	7.66	379949	20.0
2-Pentanone, 4-hy...	4.78	7.6	ng	144589	1	7.66	379949	20.0
unknown7.20	7.20	63.8	ng	1211580	1	7.66	379949	20.0
n-Hexadecanoic acid	17.94	3.0	ng	148327	4	17.04	1004800	20.0
1-Octadecanol	20.94	5.4	ng	305525	5	21.23	1129030	20.0