LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020076.D
Acq On : 10 Dec 2015 15:20
Operator : UM/SJ
Sample : G4683-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-14.5

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-BG120215.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	2.990	21	26	35	rBV	98478	133817	9.31%	1.143%
2	3.167	53	56	63	rVB2	10296	15365	1.07%	0.131%
3	5.182	393	399	406	rBV	109254	163509	11.38%	1.396%
4	5.658	472	480	488	rBV	216614	348746	24.27%	2.978%
5	7.256	745	752	763	rBV	290162	512055	35.63%	4.373%
6	7.638	810	817	826	rBV	268401	456659	31.78%	3.900%
7	8.108	891	897	903	rBV	67573	110445	7.69%	0.943%
8	8.431	946	952	960	rVB	229444	398842	27.76%	3.406%
9	9.277	1088	1096	1103	rBV	210219	374193	26.04%	3.195%
10	10.928	1370	1377	1383	rVB	96908	167204	11.64%	1.428%
11	13.361	1783	1791	1800	rBV	567178	892625	62.12%	7.623%
12	14.183	1924	1931	1938	rBV	127880	183252	12.75%	1.565%
13	14.618	2001	2005	2010	rVB	12537	16037	1.12%	0.137%
14	14.735	2017	2025	2032	rBV3	161902	263409	18.33%	2.249%
15	14.800	2032	2036	2044	rVB	16918	25023	1.74%	0.214%
16	15.135	2087	2093	2097	rVB3	11225	18414	1.28%	0.157%
17	15.564	2161	2166	2171	rVB	23513	33289	2.32%	0.284%
18	15.781	2197	2203	2210	rVB2	17721	30387	2.11%	0.259%
19	16.216	2269	2277	2285	rBV	234609	369425	25.71%	3.155%
20	16.428	2308	2313	2316	rBV	24908	37305	2.60%	0.319%
21	16.780	2364	2373	2379	rBV9	8394	20864	1.45%	0.178%
22	17.003	2406	2411	2416	rBV5	8818	15866	1.10%	0.135%
23	17.133	2428	2433	2439	rVB4	10884	17295	1.20%	0.148%
24	17.221	2441	2448	2453	rBV4	21708	39251	2.73%	0.335%
25	17.297	2459	2461	2469	rVB2	9545	15968	1.11%	0.136%
26	17.479	2484	2492	2496	rBV	218118	344304	23.96%	2.940%
27	17.520	2496	2499	2507	rVV	197356	280881	19.55%	2.399%
28	17.609	2509	2514	2520	rVB	36803	54930	3.82%	0.469%
29	17.879	2556	2560	2564	rBV	13525	18618	1.30%	0.159%
30	18.355	2635	2641	2645	rBV	36238	55599	3.87%	0.475%
31	18.402	2645	2649	2657	rVB	43804	66991	4.66%	0.572%
32	18.478	2657	2662	2667	rBV	16416	25201	1.75%	0.215%
33	18.555	2667	2675	2677	rBV2	38275	77866	5.42%	0.665%
34	18.578	2677	2679	2686	rVB2	20219	28680	2.00%	0.245%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020076.D
Acq On : 10 Dec 2015 15:20
Operator : UM/SJ
Sample : G4683-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-14.5

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-BG120215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.643	2686	2690	2695	rBV3	9434	15119	1.05%	0.129%
36	18.848	2720	2725	2728	rBV2	22994	35241	2.45%	0.301%
37	18.884	2728	2731	2739	rVB4	18798	29343	2.04%	0.251%
38	19.142	2769	2775	2779	rVV3	8194	19855	1.38%	0.170%
39	19.207	2783	2786	2790	rVV2	13921	14593	1.02%	0.125%
40	19.265	2791	2796	2801	rVB3	19232	35502	2.47%	0.303%
41	19.401	2815	2819	2825	rBV3	18402	30904	2.15%	0.264%
42	19.524	2834	2840	2846	rBV	341697	466622	32.47%	3.985%
43	19.759	2875	2880	2885	rBV3	13238	28420	1.98%	0.243%
44	19.853	2891	2896	2897	rBV	63965	83352	5.80%	0.712%
45	19.888	2897	2902	2908	rVV	278475	425888	29.64%	3.637%
46	19.953	2908	2913	2920	rVB2	21624	39191	2.73%	0.335%
47	20.082	2927	2935	2946	rVB	1065606	1436961	100.00%	12.271%
48	20.206	2950	2956	2963	rBV4	28585	73799	5.14%	0.630%
49	20.341	2973	2979	2980	rBV3	19896	32624	2.27%	0.279%
50	20.376	2981	2985	2990	rVB	49898	71011	4.94%	0.606%
51	20.476	2994	3002	3005	rBV	28284	48509	3.38%	0.414%
52	20.529	3006	3011	3015	rVB2	26241	42229	2.94%	0.361%
53	20.670	3031	3035	3039	rVV	19431	29477	2.05%	0.252%
54	20.717	3039	3043	3046	rVV2	20074	29036	2.02%	0.248%
55	20.752	3046	3049	3053	rVB2	14999	20212	1.41%	0.173%
56	20.834	3056	3063	3067	rBV4	19258	34585	2.41%	0.295%
57	20.969	3082	3086	3089	rBV4	15164	23250	1.62%	0.199%
58	21.016	3092	3094	3098	rVB2	16271	19411	1.35%	0.166%
59	21.093	3103	3107	3110	rBV5	11554	18627	1.30%	0.159%
60	21.134	3110	3114	3121	rVB	32029	50178	3.49%	0.428%
61	21.328	3138	3147	3151	rBV3	28293	68618	4.78%	0.586%
62	21.375	3151	3155	3159	rVV2	59267	100700	7.01%	0.860%
63	21.422	3159	3163	3167	rVV2	31980	61637	4.29%	0.526%
64	21.475	3167	3172	3179	rVV3	34430	70971	4.94%	0.606%
65	21.528	3179	3181	3186	rVV3	14443	17007	1.18%	0.145%
66	21.604	3190	3194	3204	rVB9	15820	43409	3.02%	0.371%
67	21.751	3210	3219	3224	rBV2	311716	765364	53.26%	6.536%
68	21.798	3224	3227	3236	rVB	133457	219316	15.26%	1.873%
69	21.951	3250	3253	3260	rVB	17940	29632	2.06%	0.253%
70	22.086	3271	3276	3282	rVB5	13645	33886	2.36%	0.289%
71	22.168	3284	3290	3297	rBV5	20921	48804	3.40%	0.417%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020076.D
Acq On : 10 Dec 2015 15:20
Operator : UM/SJ
Sample : G4683-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-14.5

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-BG120215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	22.491	3339	3345	3350	rVV2	21782	45312	3.15%	0.387%
73	22.562	3353	3357	3364	rVB2	19061	38323	2.67%	0.327%
74	22.703	3377	3381	3387	rVB5	8432	17746	1.23%	0.152%
75	22.767	3387	3392	3397	rVV4	15621	29660	2.06%	0.253%
76	22.814	3397	3400	3409	rVB7	12356	24236	1.69%	0.207%
77	22.914	3415	3417	3427	rVB9	8942	17708	1.23%	0.151%
78	23.989	3587	3600	3607	rBV2	89171	312028	21.71%	2.665%
79	24.248	3638	3644	3651	rVB	15576	34170	2.38%	0.292%
80	24.724	3716	3725	3736	rVB	52288	147888	10.29%	1.263%
81	24.871	3740	3750	3760	rBV2	71131	198581	13.82%	1.696%
82	25.035	3764	3778	3785	rBV	136201	408642	28.44%	3.490%
83	28.760	4402	4412	4428	rBV3	23018	105530	7.34%	0.901%
84	29.929	4597	4611	4625	rBV5	19797	104920	7.30%	0.896%

Sum of corrected areas: 11710342

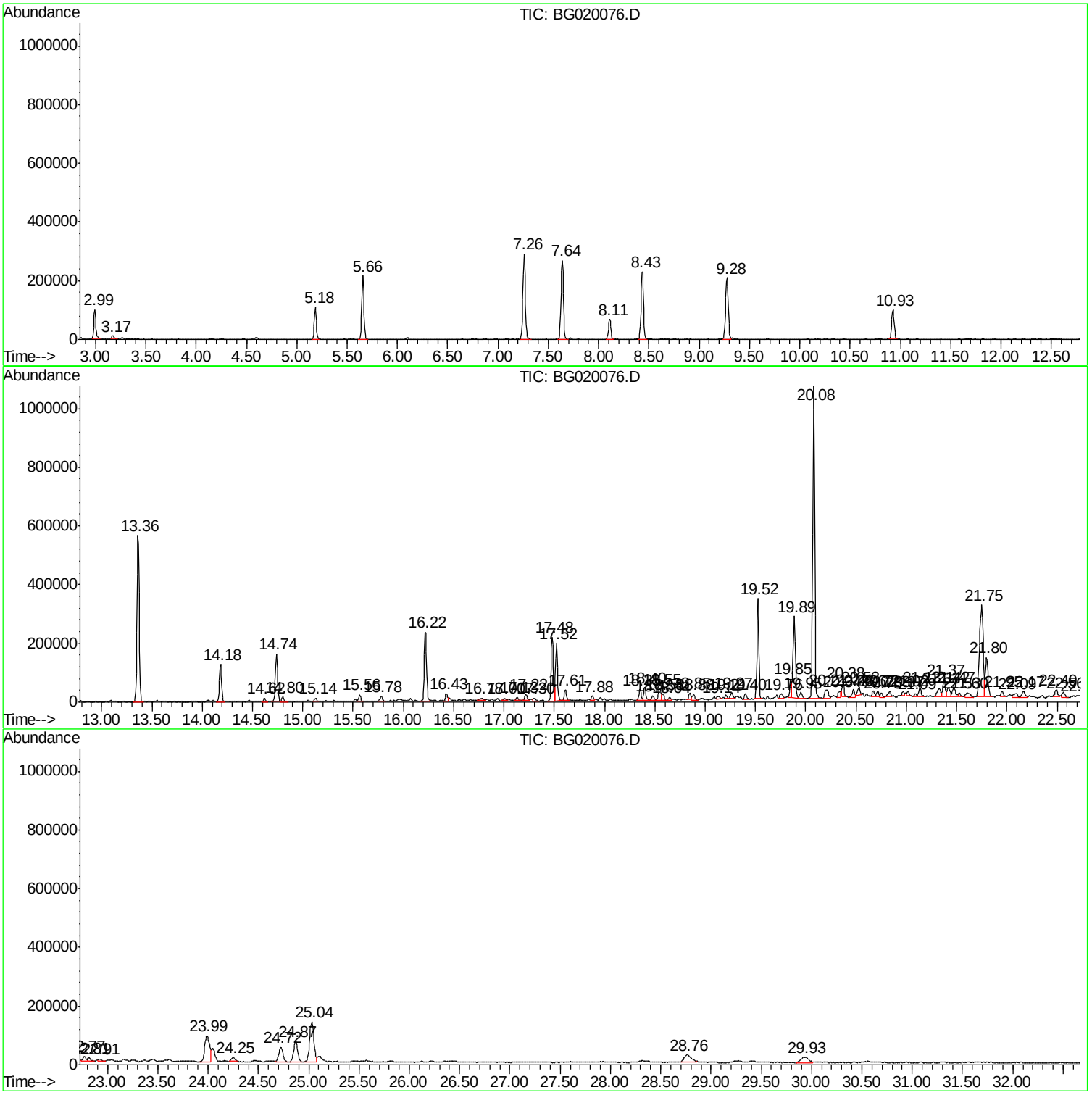
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020076.D
Acq On : 10 Dec 2015 15:20
Operator : UM/SJ
Sample : G4683-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-14.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020076.D
Acq On : 10 Dec 2015 15:20
Operator : UM/SJ
Sample : G4683-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-14.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

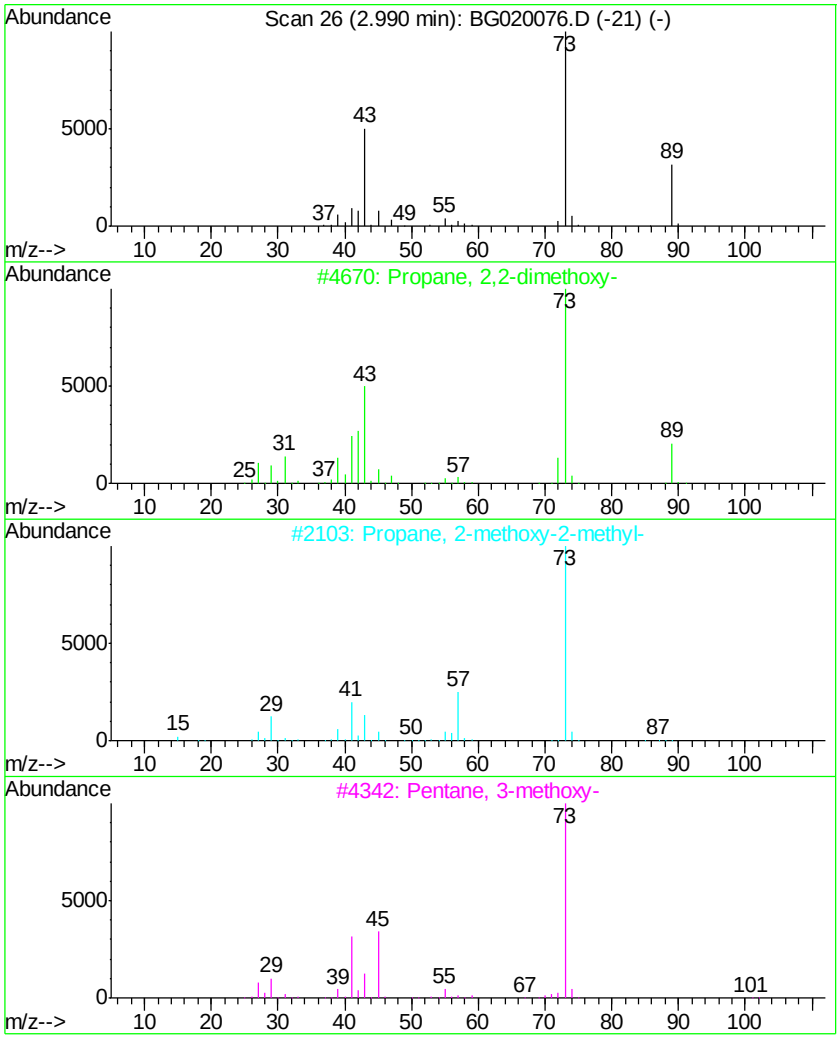
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

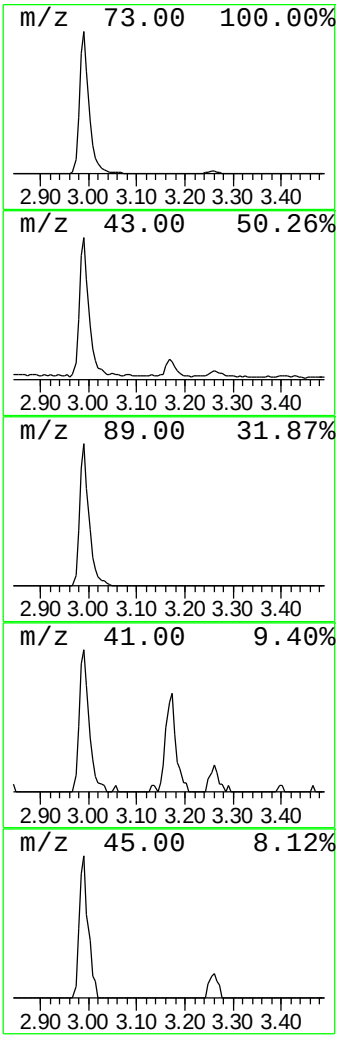
****

Peak Number 1 unknown2.99 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	24.23 ng	133817	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	39
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	17
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020076.D
Acq On : 10 Dec 2015 15:20
Operator : UM/SJ
Sample : G4683-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-14.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

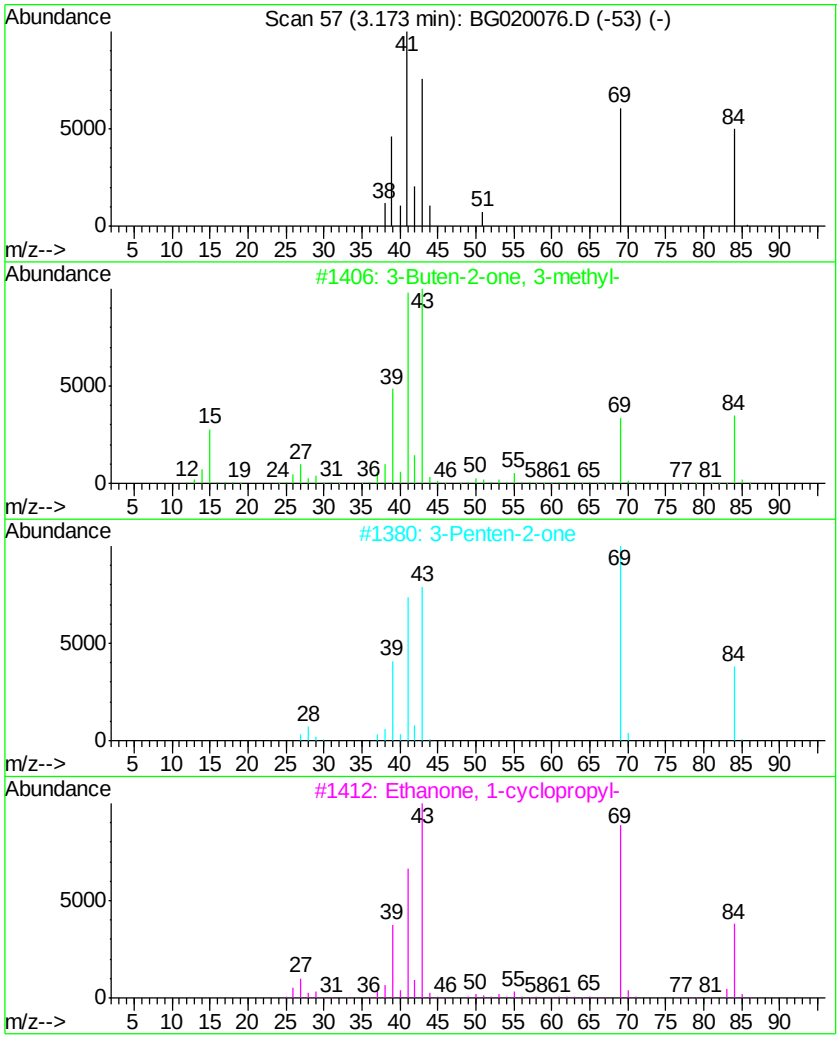
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

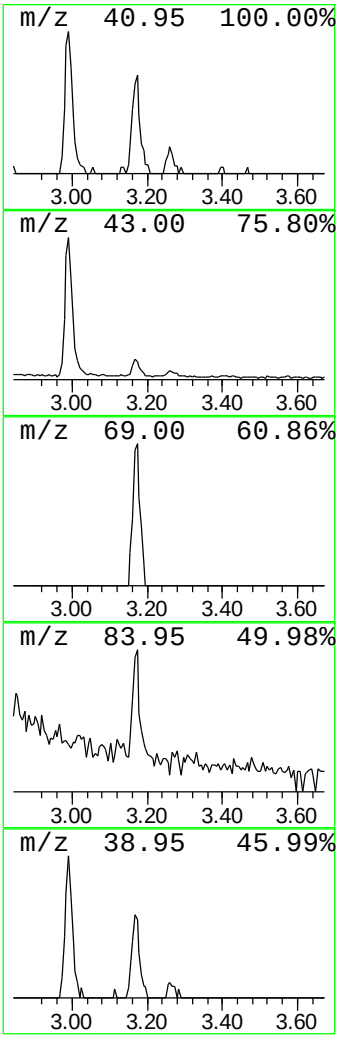
****

Peak Number 2 3-Buten-2-one, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	2.78 ng	15365	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	86
2	3-Penten-2-one	84	C5H8O	000625-33-2	78
3	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	9
4	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	9
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020076.D
Acq On : 10 Dec 2015 15:20
Operator : UM/SJ
Sample : G4683-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-14.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

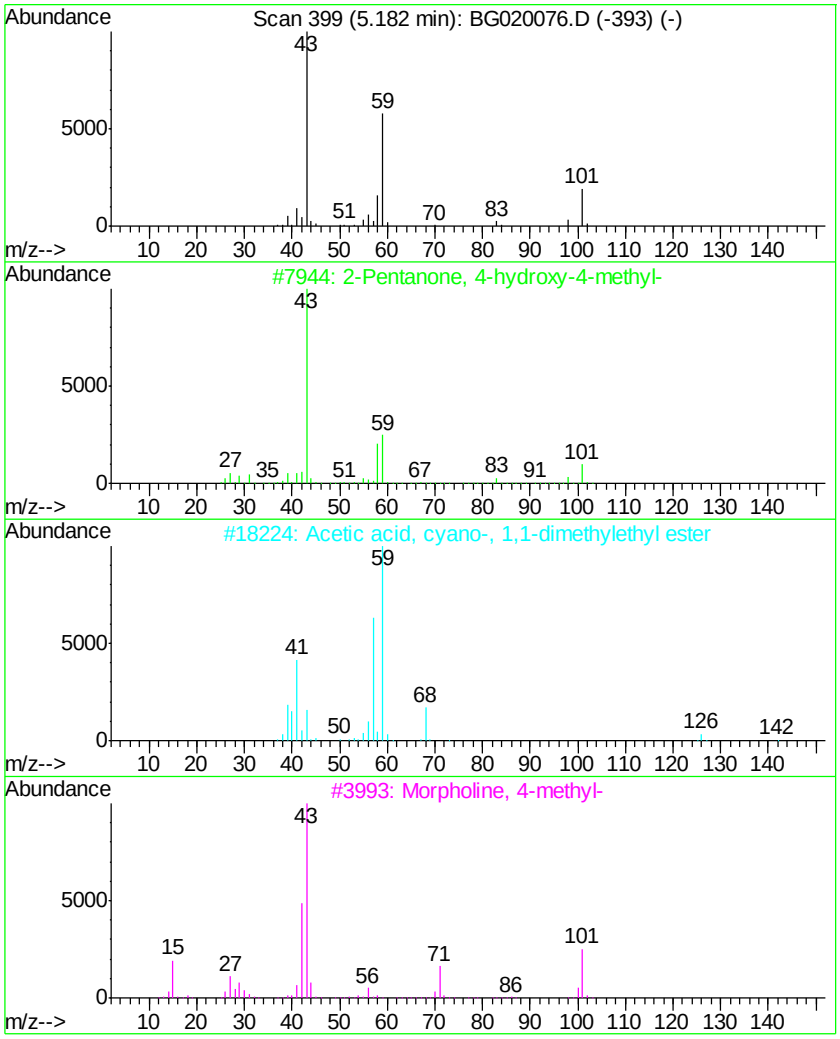
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

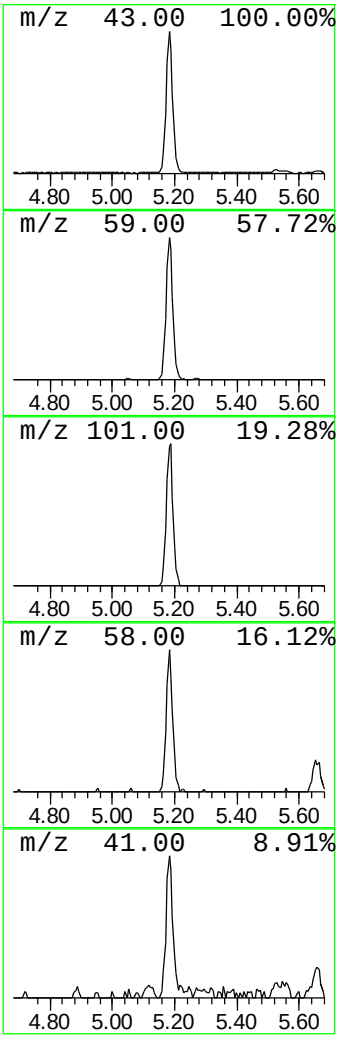
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	29.61 ng	163509	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	t-Butyl ethyl ether	102	C6H14O	1000118-18-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020076.D
Acq On : 10 Dec 2015 15:20
Operator : UM/SJ
Sample : G4683-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-14.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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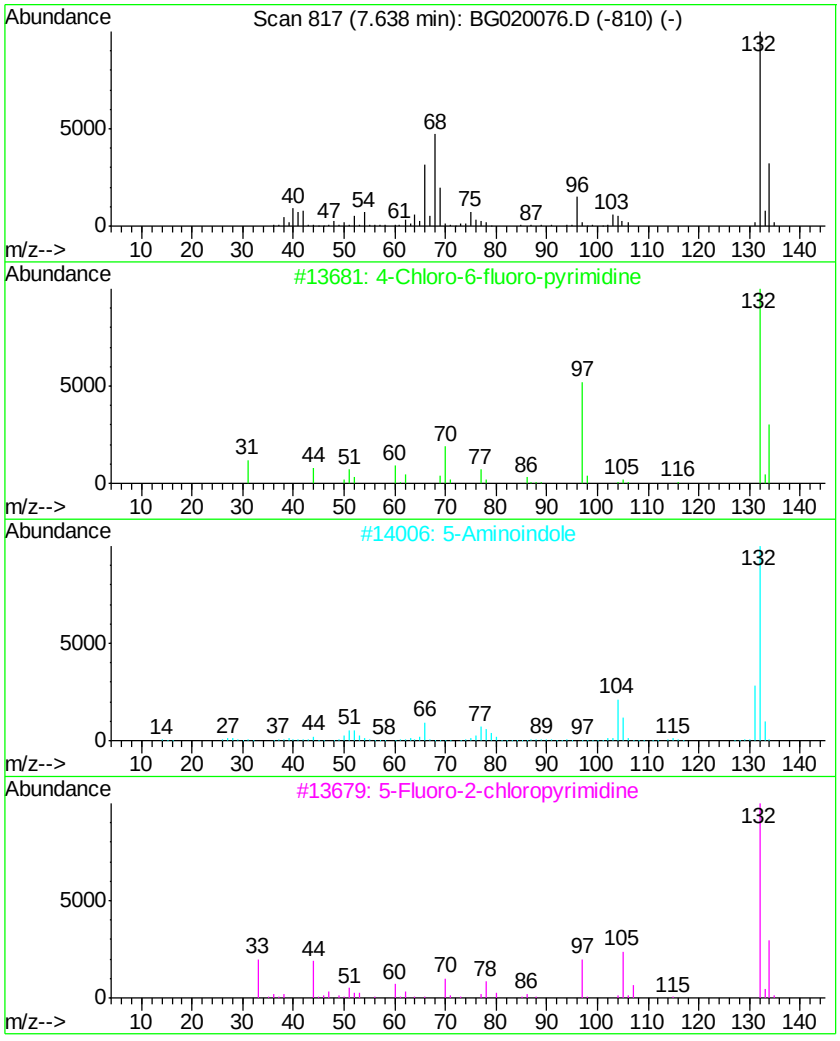
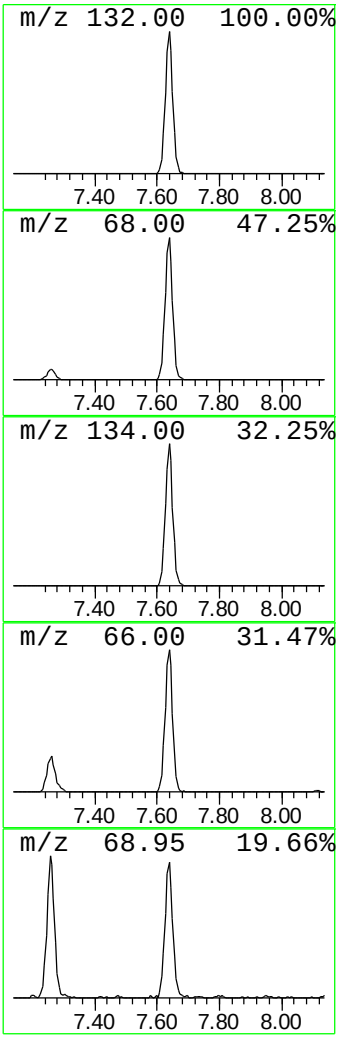
Peak Number 4 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	82.69 ng	456659	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020076.D
Acq On : 10 Dec 2015 15:20
Operator : UM/SJ
Sample : G4683-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-14.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

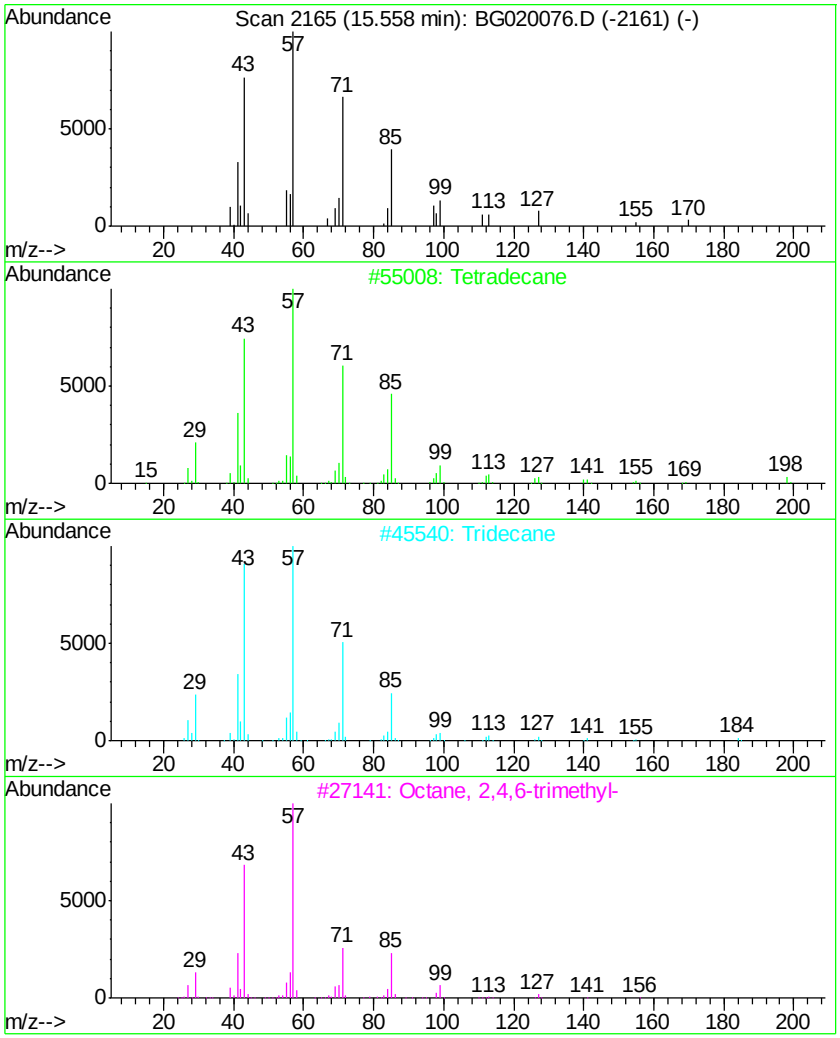
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

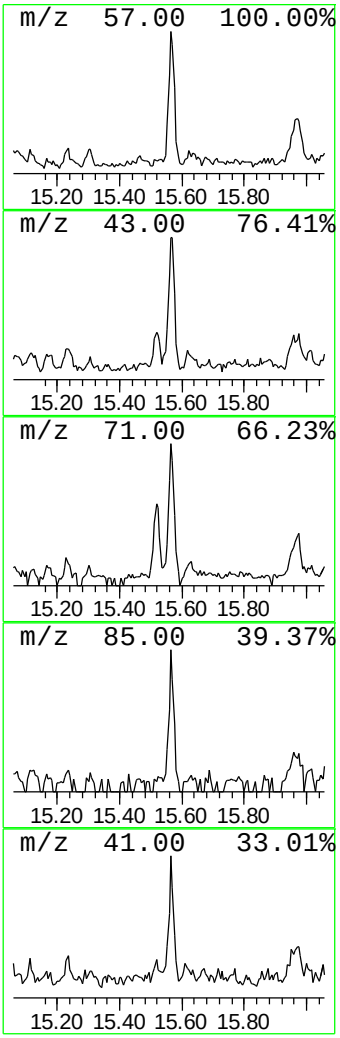
****

Peak Number 6 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	2.53 ng	33289	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Tridecane	184	C13H28	000629-50-5	83
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5	Pentadecane	212	C15H32	000629-62-9	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020076.D
Acq On : 10 Dec 2015 15:20
Operator : UM/SJ
Sample : G4683-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-14.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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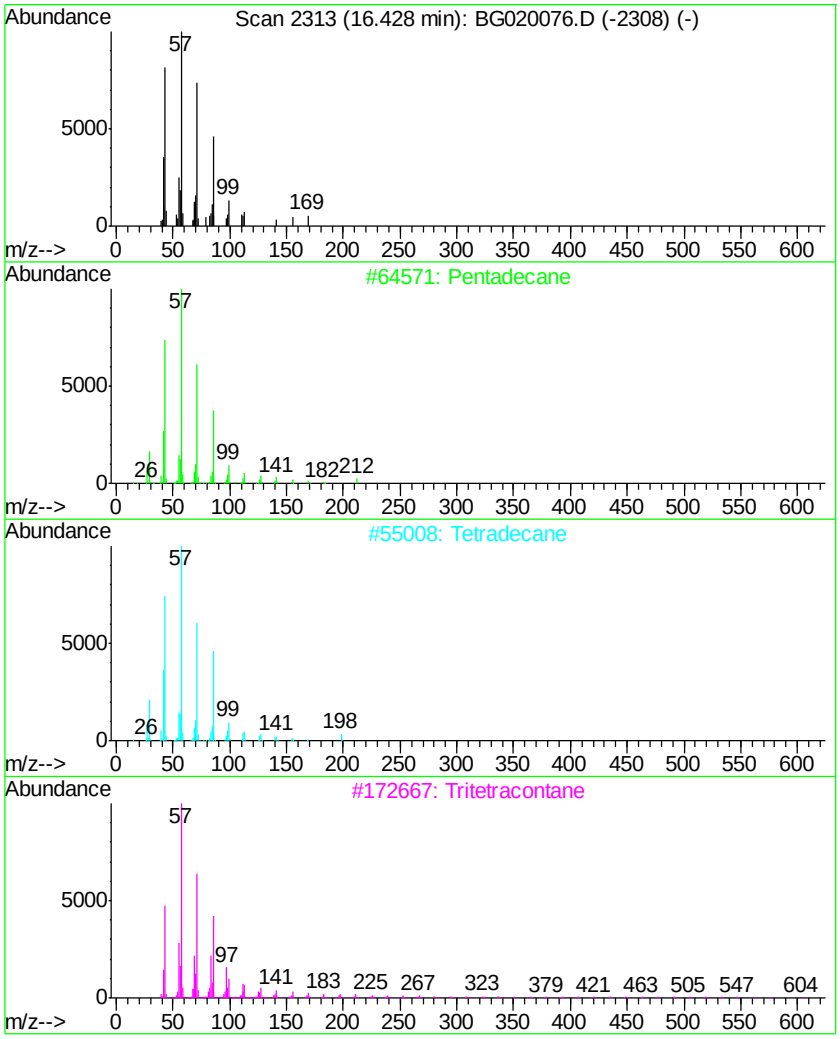
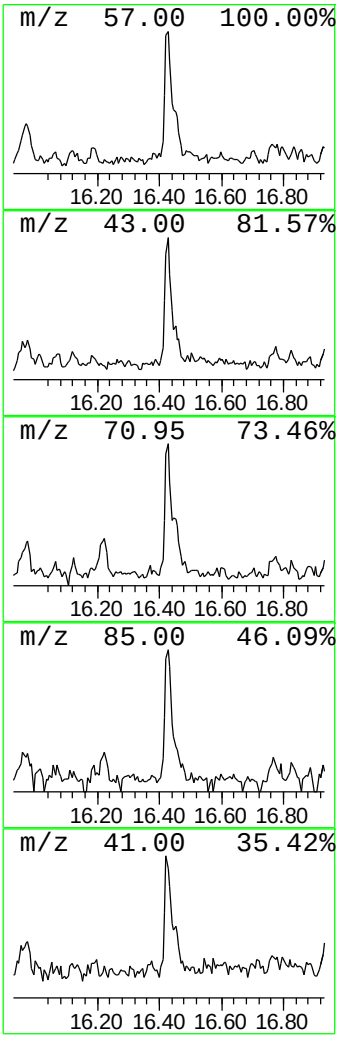
Peak Number 8 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	2.17 ng	37305	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tritetracontane	605	C43H88	007098-21-7	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Eicosane	282	C20H42	000112-95-8	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020076.D
Acq On : 10 Dec 2015 15:20
Operator : UM/SJ
Sample : G4683-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-14.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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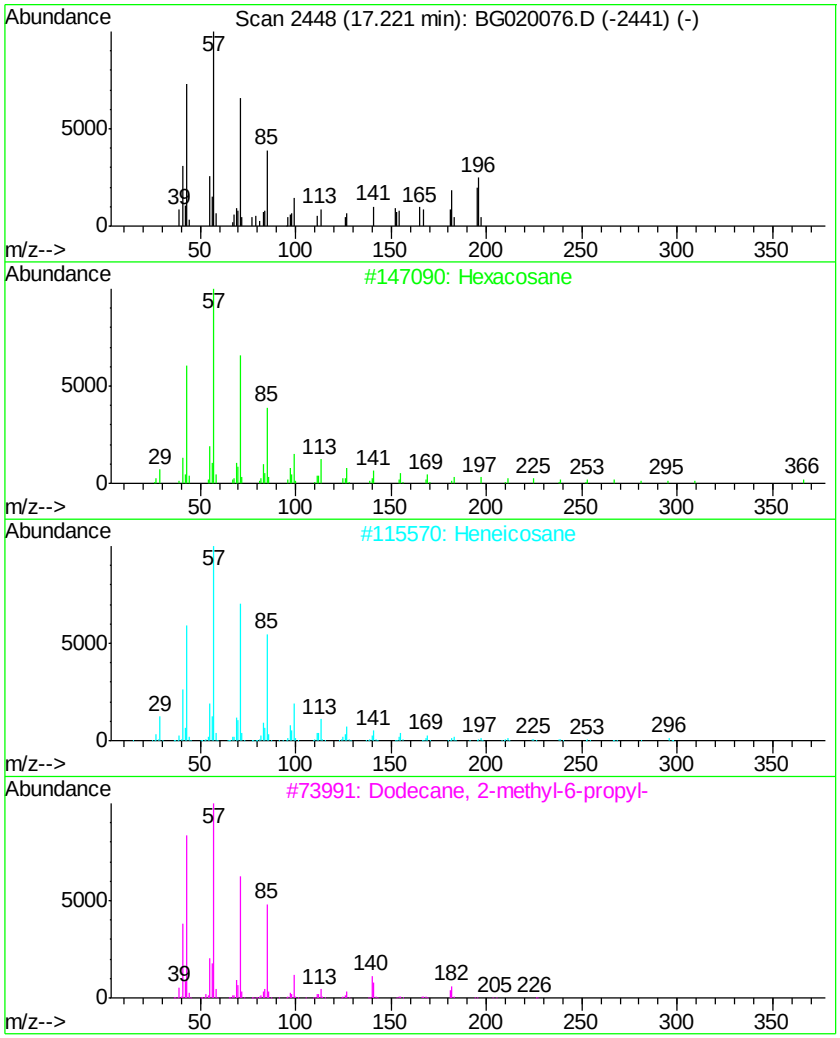
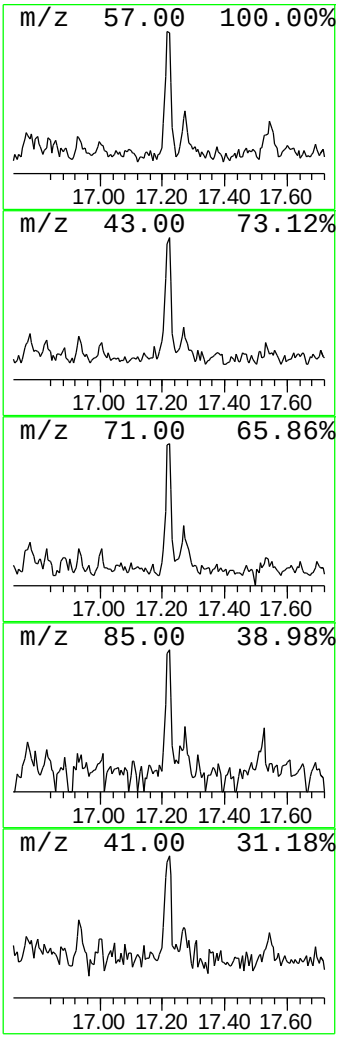
Peak Number 9 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	2.28 ng	39251	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	53
2	Heneicosane	296	C21H44	000629-94-7	53
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	52
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	49
5	Eicosane	282	C20H42	000112-95-8	49





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Sample : G4683-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-14.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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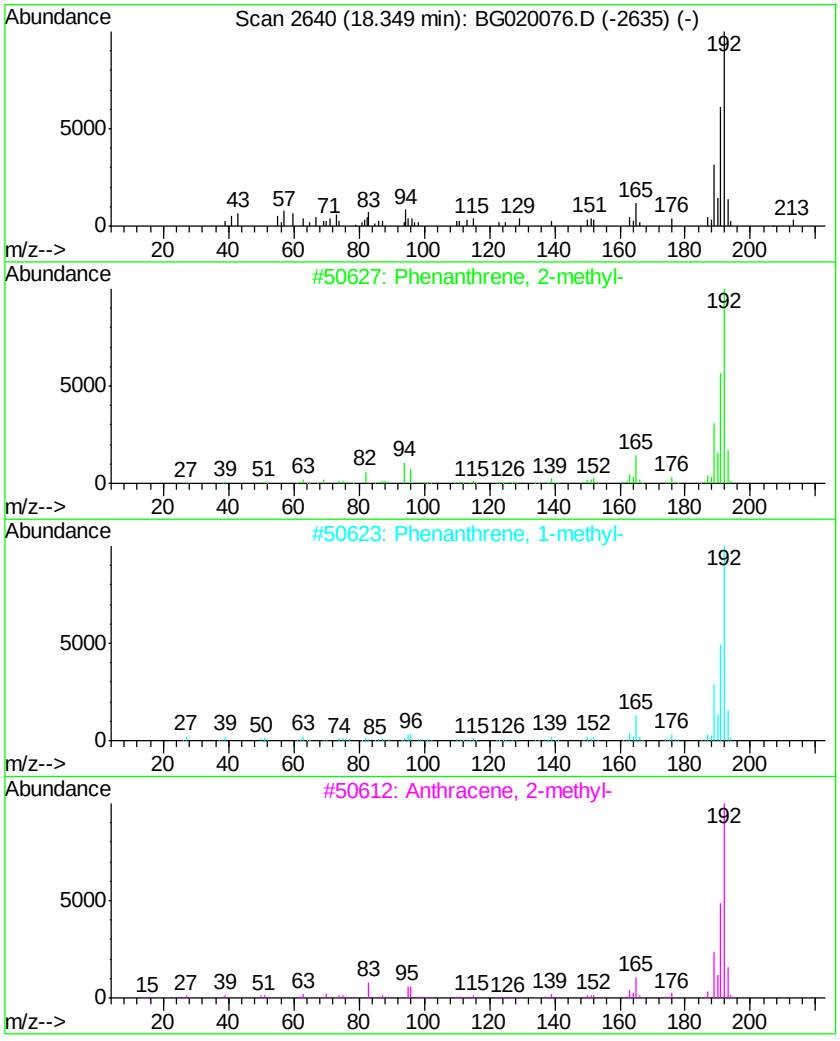
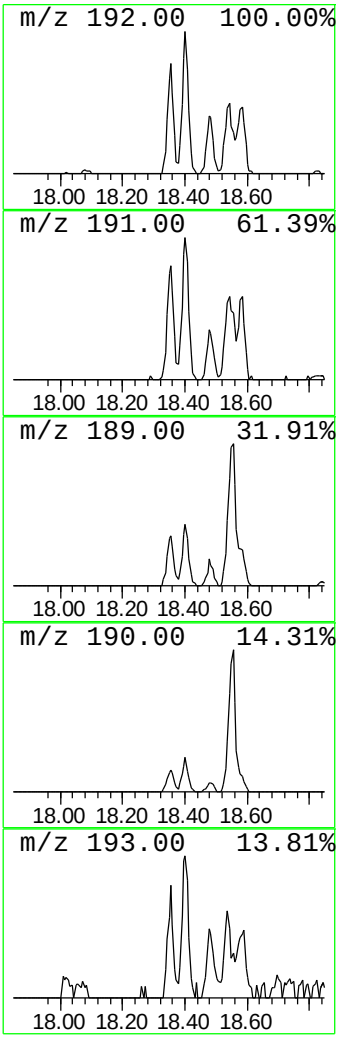
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	3.23 ng	55599	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Acq On : 10 Dec 2015 15:20
Operator : UM/SJ
Sample : G4683-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-14.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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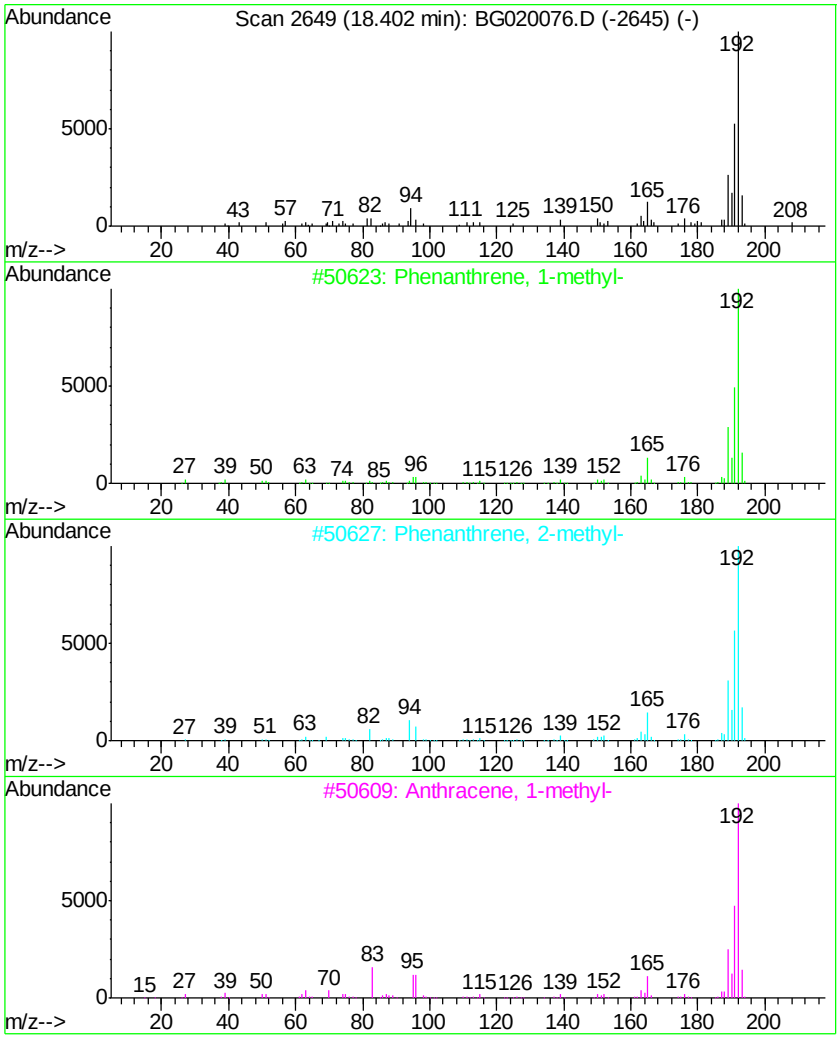
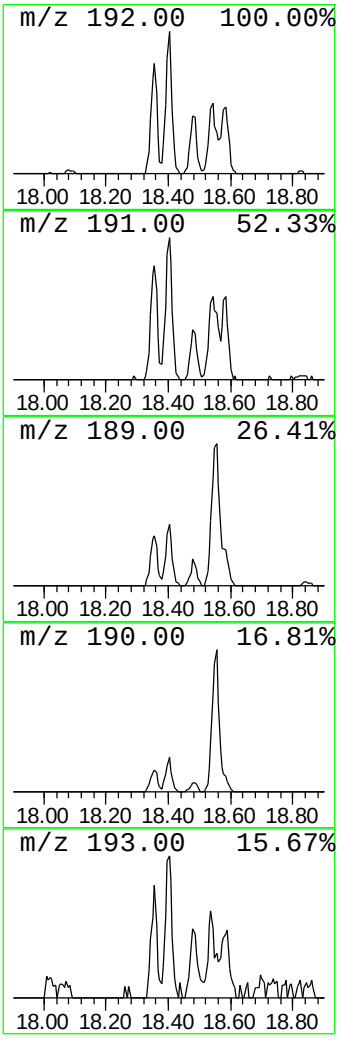
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	3.89 ng	66991	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Acq On : 10 Dec 2015 15:20
Operator : UM/SJ
Sample : G4683-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-14.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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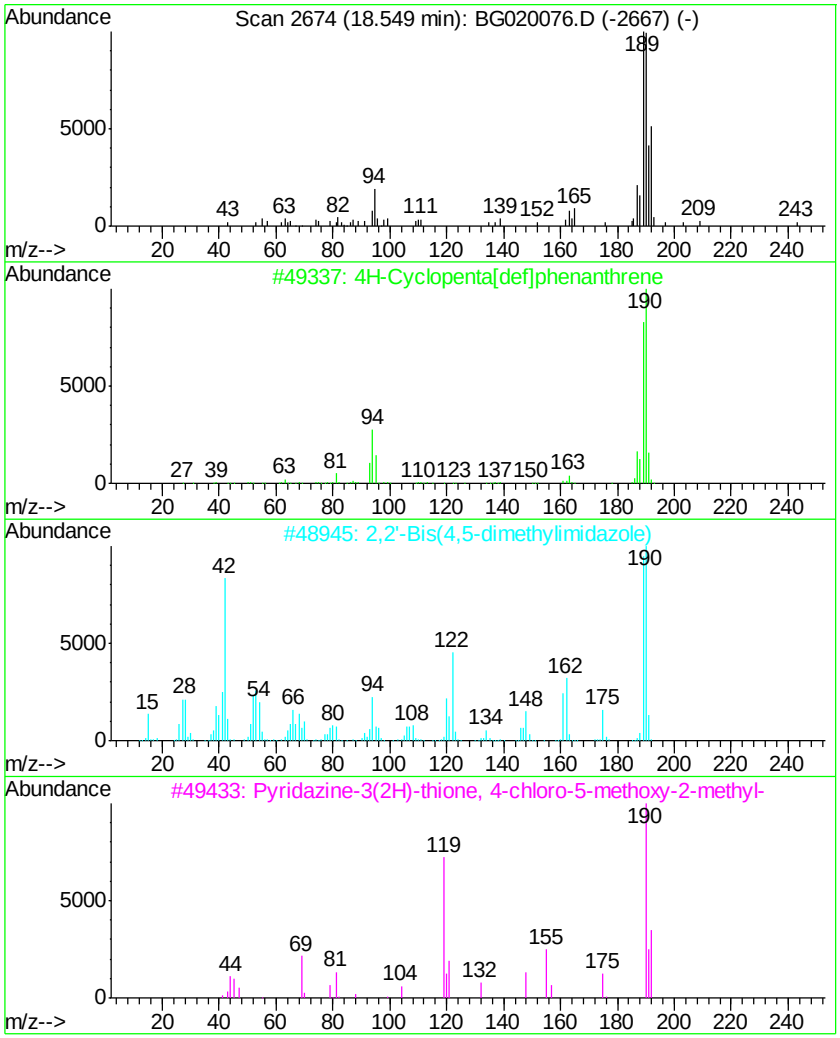
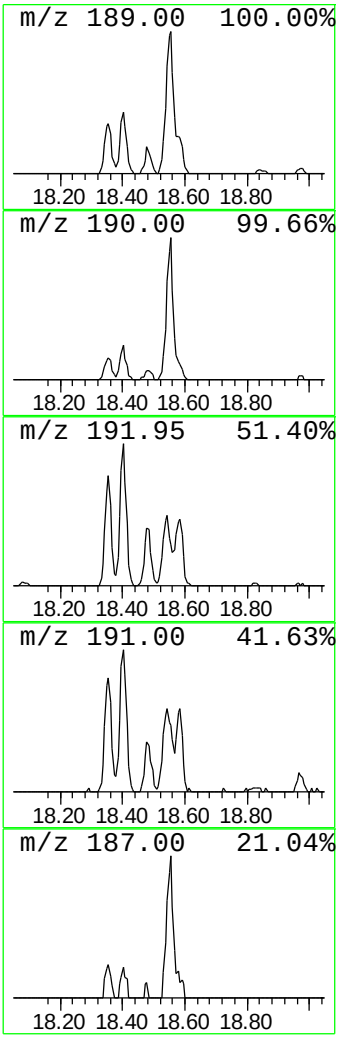
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	4.52 ng	77866	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
3	Pyridazine-3(2H)-thione, 4-chlor...	190	C6H7ClN2OS	072038-53-0	23
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17
5	8H-Imidazo[4,5-E]-2,1,3-benzothi...	190	C8H6N4S	129485-68-3	12





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Acq On : 10 Dec 2015 15:20
Operator : UM/SJ
Sample : G4683-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-14.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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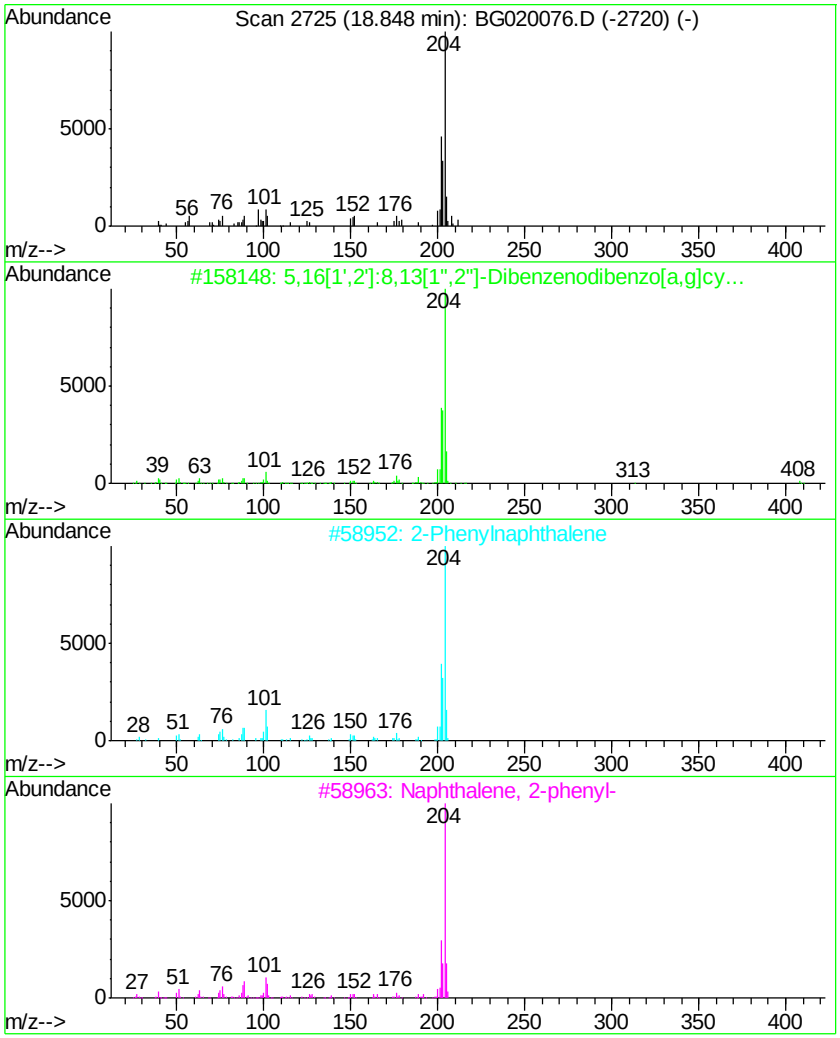
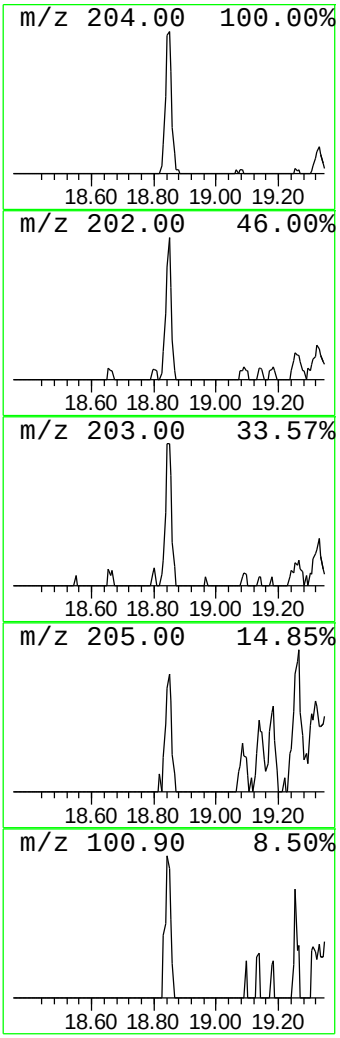
Peak Number 13 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	2.05 ng	35241	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	83
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49





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Data File : BG020076.D
Acq On : 10 Dec 2015 15:20
Operator : UM/SJ
Sample : G4683-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-14.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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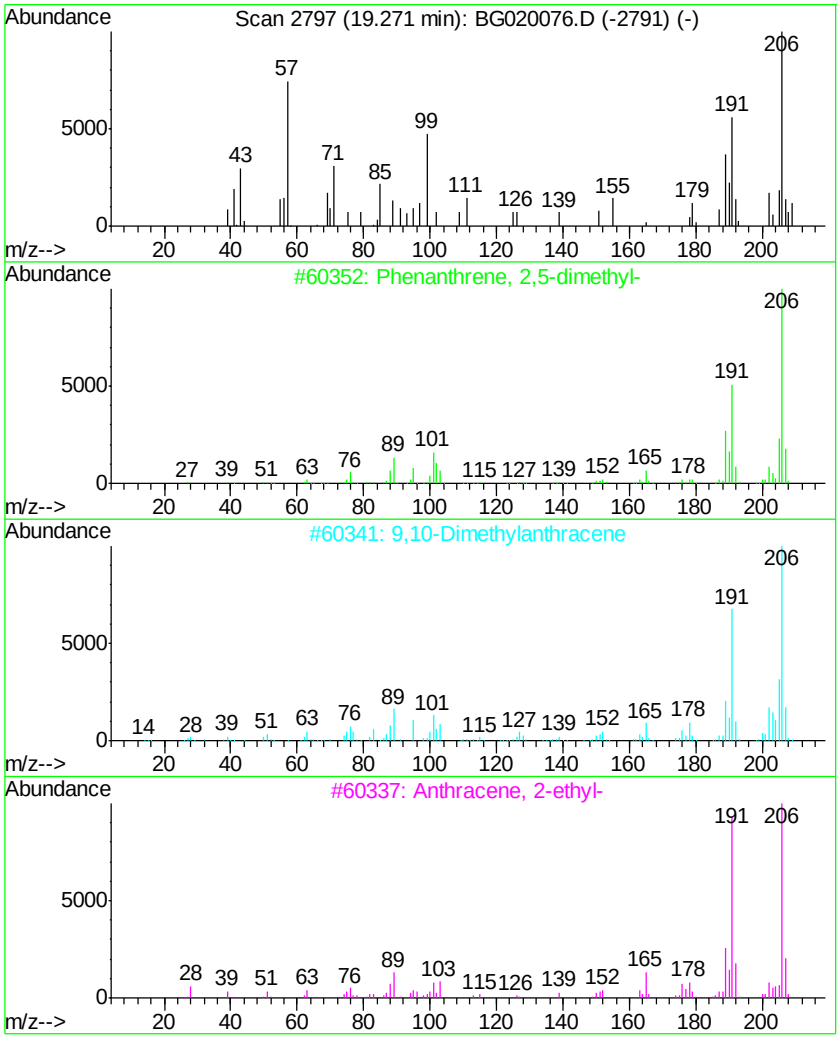
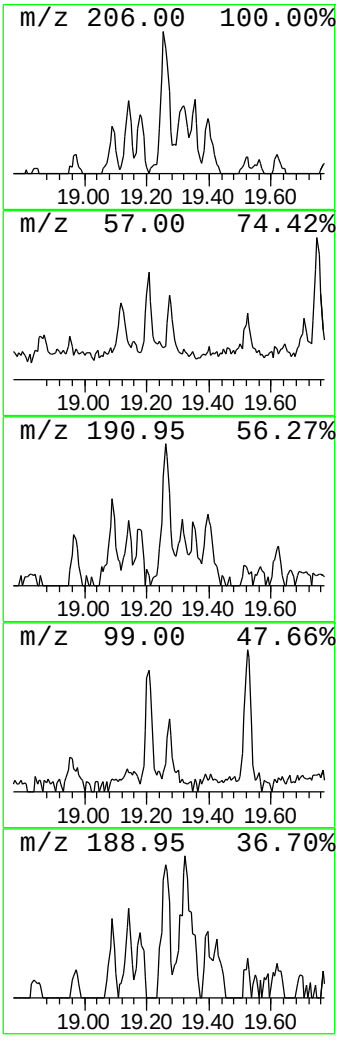
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.06 ng	35502	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	70
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	64





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Data File : BG020076.D
Acq On : 10 Dec 2015 15:20
Operator : UM/SJ
Sample : G4683-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-14.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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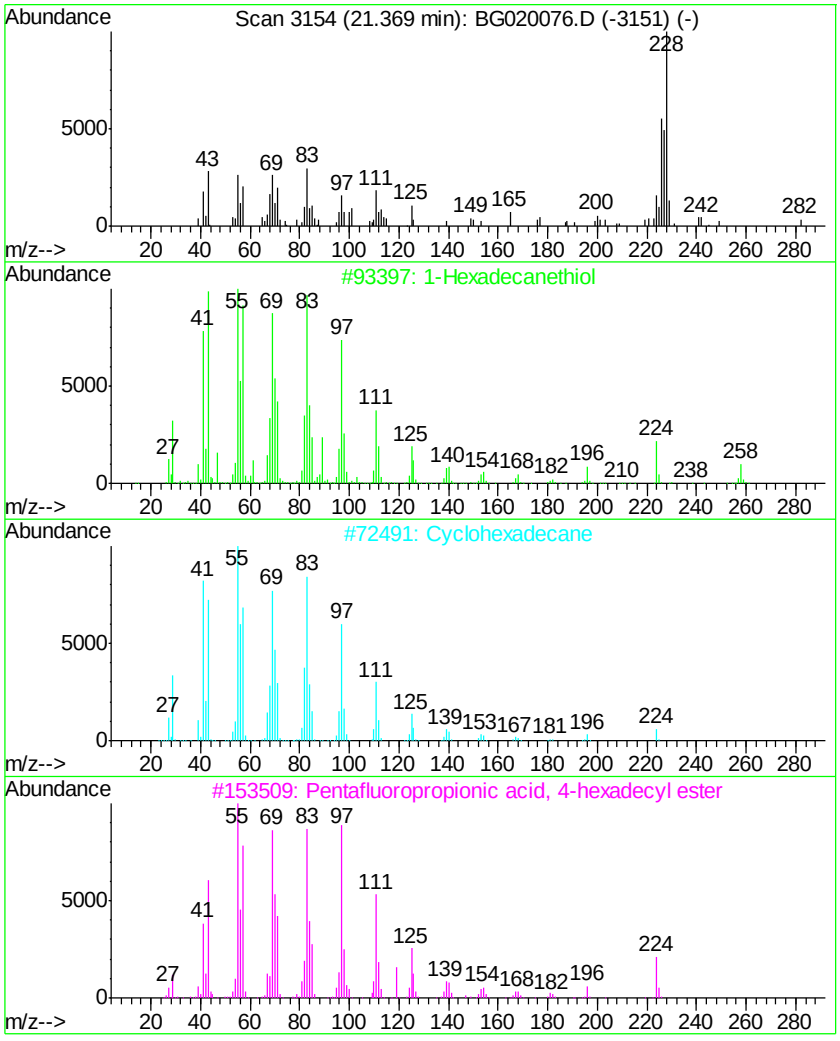
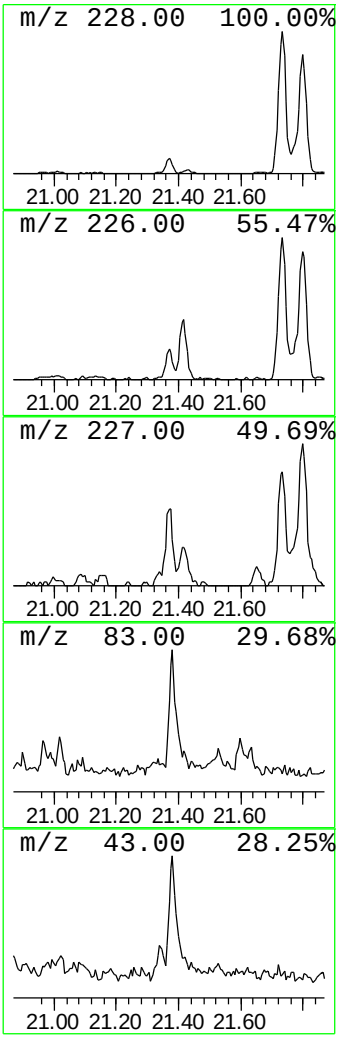
Peak Number 15 1-Hexadecanethiol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.63 ng	100700	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanethiol	258	C16H34S	002917-26-2	90
2	Cyclohexadecane	224	C16H32	000295-65-8	51
3	Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	38
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	35
5	Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121115\
Data File : BG020076.D
Acq On : 10 Dec 2015 15:20
Operator : UM/SJ
Sample : G4683-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3-14.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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
unknown2.99	2.99	24.2	ng	133817	1	8.11	110445	20.0
3-Buten-2-one, 3-...	3.17	2.8	ng	15365	1	8.11	110445	20.0
2-Pentanone, 4-hy...	5.18	29.6	ng	163509	1	8.11	110445	20.0
unknown7.64	7.64	82.7	ng	456659	1	8.11	110445	20.0
Tetradecane	15.56	2.5	ng	33289	3	14.74	263409	20.0
Pentadecane	16.43	2.2	ng	37305	4	17.48	344304	20.0
Hexacosane	17.22	2.3	ng	39251	4	17.48	344304	20.0
Phenanthrene, 2-m...	18.35	3.2	ng	55599	4	17.48	344304	20.0
Phenanthrene, 1-m...	18.40	3.9	ng	66991	4	17.48	344304	20.0
4H-Cyclopenta[def...	18.55	4.5	ng	77866	4	17.48	344304	20.0
5,16[1',2']:8,13[...	18.85	2.0	ng	35241	4	17.48	344304	20.0
Phenanthrene, 2,5...	19.27	2.1	ng	35502	4	17.48	344304	20.0
1-Hexadecanethiol	21.37	2.6	ng	100700	5	21.75	765364	20.0