LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016817.D
Acq On : 30 Apr 2015 3:47
Operator : TP/IZ
Sample : G2031-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB5

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-BG042915.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	2.750	8	10	16	rVB2	14261	18845	1.01%	0.113%
2	4.665	332	336	342	rBV	77378	108131	5.82%	0.649%
3	5.153	413	419	435	rBV	606782	905656	48.77%	5.433%
4	6.769	686	694	706	rBV	644057	1007032	54.23%	6.041%
5	7.104	744	751	761	rBV	696221	1072925	57.78%	6.436%
6	7.562	822	829	838	rBV	191503	299201	16.11%	1.795%
7	7.879	875	883	893	rBV	521179	801726	43.18%	4.809%
8	8.725	1020	1027	1036	rBV	372368	617246	33.24%	3.703%
9	10.347	1296	1303	1318	rVB	273673	473041	25.47%	2.838%
10	12.838	1720	1727	1737	rBV	1050582	1566143	84.34%	9.394%
11	13.684	1866	1871	1878	rBV	34454	56497	3.04%	0.339%
12	14.219	1952	1962	1970	rBV2	450712	662984	35.70%	3.977%
13	14.283	1970	1973	1980	rVB2	15812	22247	1.20%	0.133%
14	15.270	2137	2141	2147	rBV3	12918	20869	1.12%	0.125%
15	15.717	2211	2217	2229	rBV	677347	951488	51.24%	5.707%
16	15.940	2250	2255	2270	rVB4	22064	45842	2.47%	0.275%
17	16.728	2381	2389	2395	rVV6	19602	37078	2.00%	0.222%
18	16.786	2395	2399	2404	rVB3	13213	20670	1.11%	0.124%
19	16.968	2424	2430	2434	rBV2	527108	743763	40.05%	4.461%
20	17.010	2434	2437	2443	rVB	218437	279823	15.07%	1.679%
21	17.098	2448	2452	2457	rVB	44133	64278	3.46%	0.386%
22	17.386	2498	2501	2508	rVB	14421	20297	1.09%	0.122%
23	17.844	2575	2579	2581	rBV	24782	31012	1.67%	0.186%
24	17.891	2582	2587	2593	rVB	47741	84614	4.56%	0.508%
25	18.038	2607	2612	2615	rBV2	45775	74520	4.01%	0.447%
26	18.073	2616	2618	2622	rVB	22609	24020	1.29%	0.144%
27	18.343	2661	2664	2668	rBV	22415	34170	1.84%	0.205%
28	18.390	2670	2672	2676	rVB3	25467	31981	1.72%	0.192%
29	19.031	2776	2781	2788	rBV	415702	527551	28.41%	3.165%
30	19.395	2835	2843	2851	rVB	378929	559259	30.12%	3.355%
31	19.601	2873	2878	2884	rBV	1494272	1856885	100.00%	11.139%
32	20.870	3091	3094	3101	rVB4	131179	190854	10.28%	1.145%
33	21.075	3125	3129	3133	rVB	189208	221305	11.92%	1.327%
34	21.158	3136	3143	3146	rVV2	697586	1070650	57.66%	6.422%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016817.D
Acq On : 30 Apr 2015 3:47
Operator : TP/IZ
Sample : G2031-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB5

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-BG042915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.193	3146	3149	3156	rVB	205209	268006	14.43%	1.608%
36	22.691	3399	3404	3416	rVB	178475	504268	27.16%	3.025%
37	23.161	3480	3484	3492	rVB	108377	179240	9.65%	1.075%
38	23.255	3495	3500	3506	rVB	148666	270274	14.56%	1.621%
39	23.349	3510	3516	3522	rBV2	377955	726573	39.13%	4.358%
40	25.570	3888	3894	3903	rVB	85422	219888	11.84%	1.319%

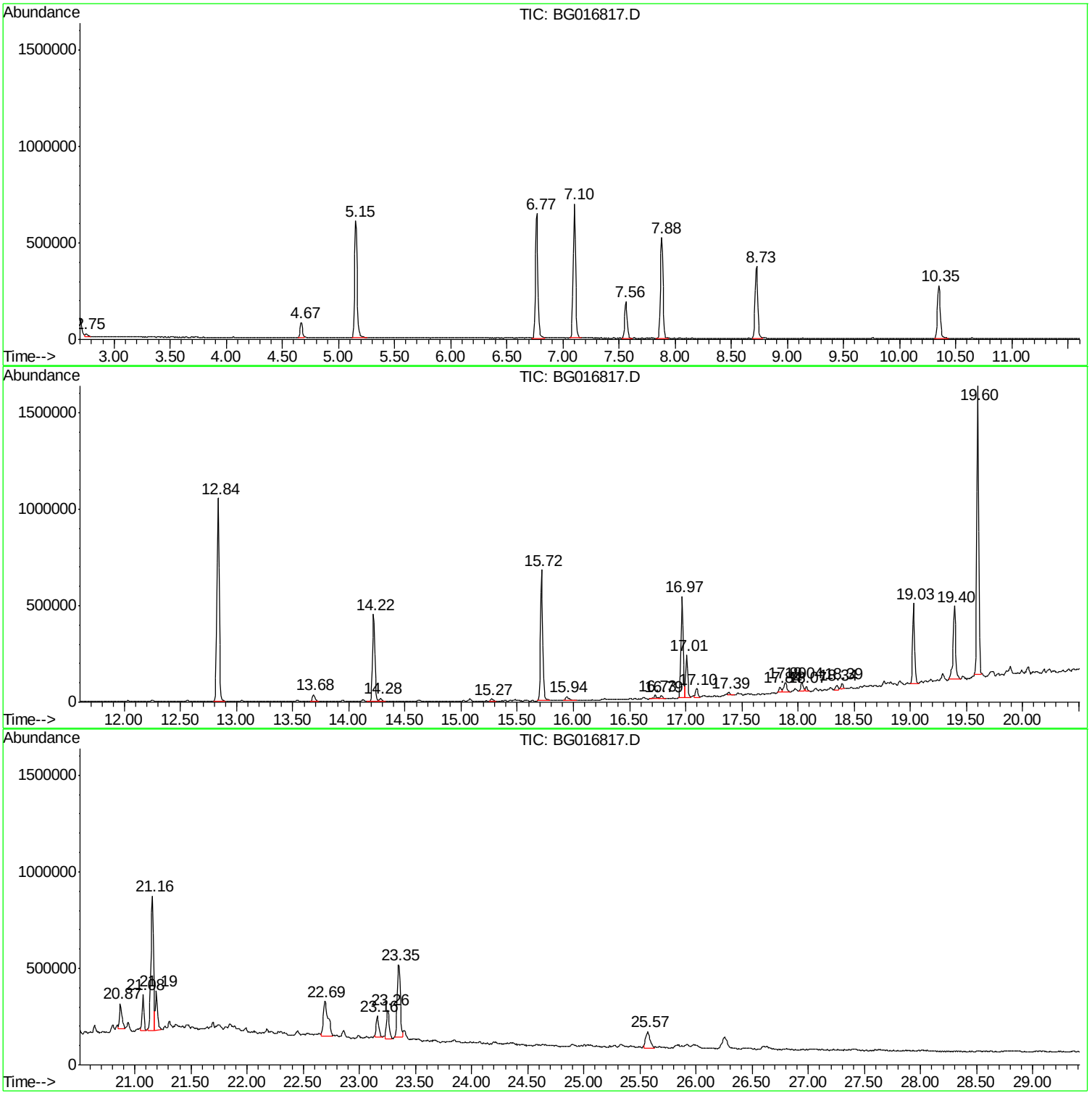
Sum of corrected areas: 16670852

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016817.D
Acq On : 30 Apr 2015 3:47
Operator : TP/IZ
Sample : G2031-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.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\BG042915\
Data File : BG016817.D
Acq On : 30 Apr 2015 3:47
Operator : TP/IZ
Sample : G2031-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

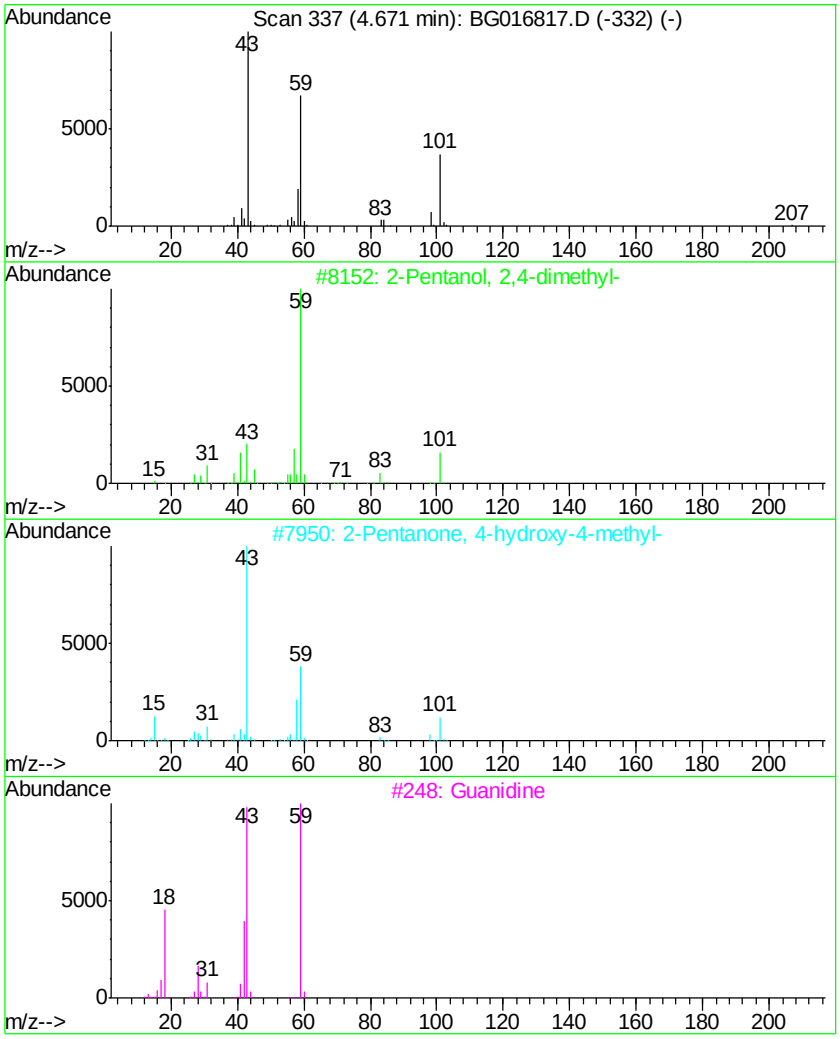
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

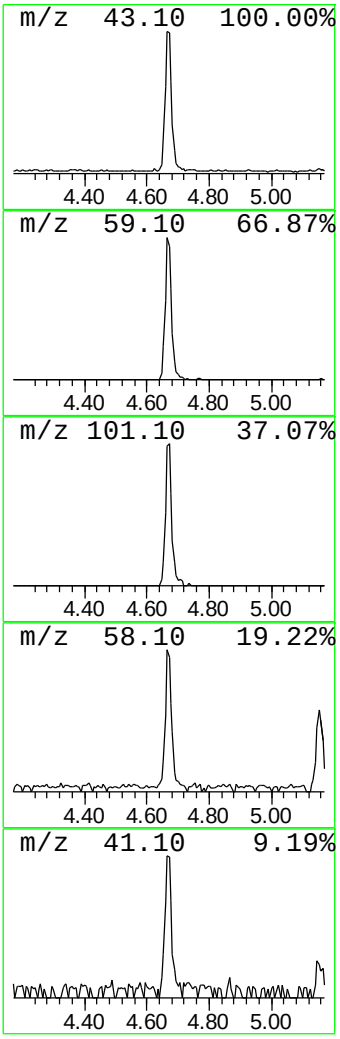
****

Peak Number 1 2-Pentanol, 2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	7.23 ng	108131	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	Guanidine	59	CH5N3	000113-00-8	38
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	37
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016817.D
Acq On : 30 Apr 2015 3:47
Operator : TP/IZ
Sample : G2031-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

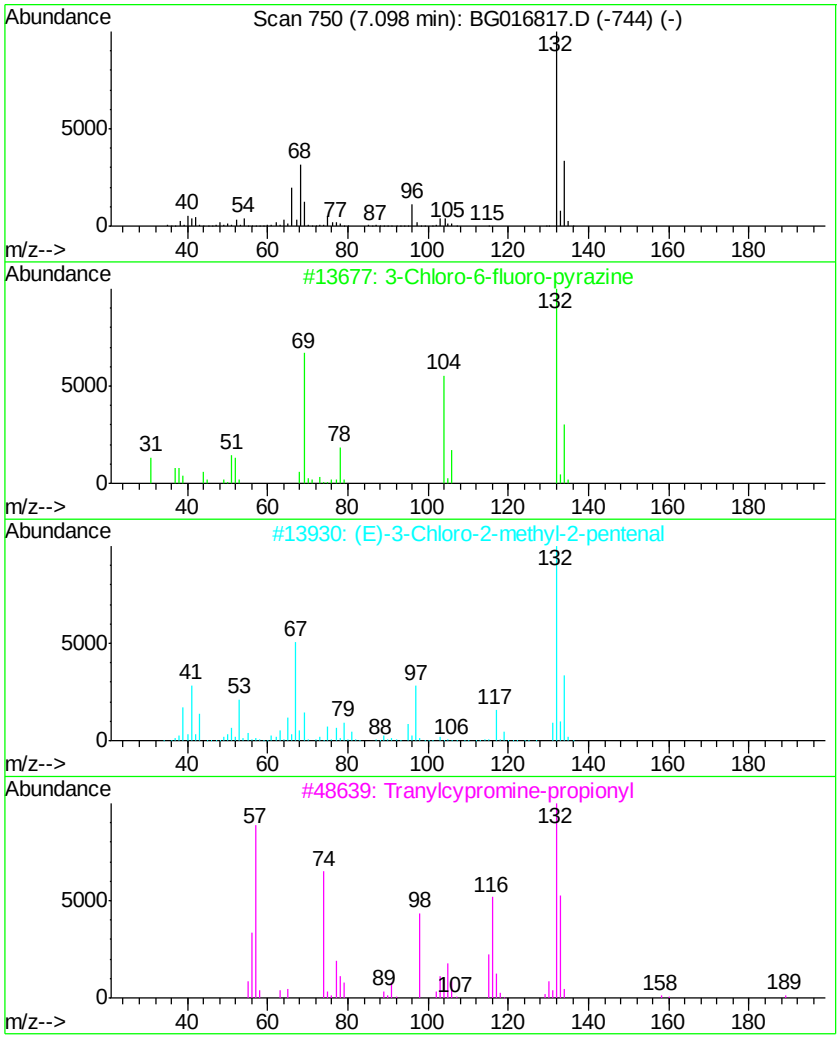
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

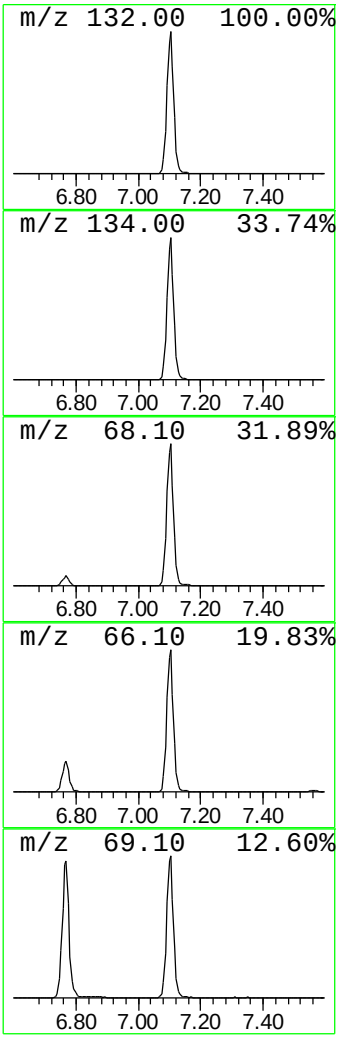
****

Peak Number 2 unknown7.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	71.72 ng	1072930	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016817.D
Acq On : 30 Apr 2015 3:47
Operator : TP/IZ
Sample : G2031-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

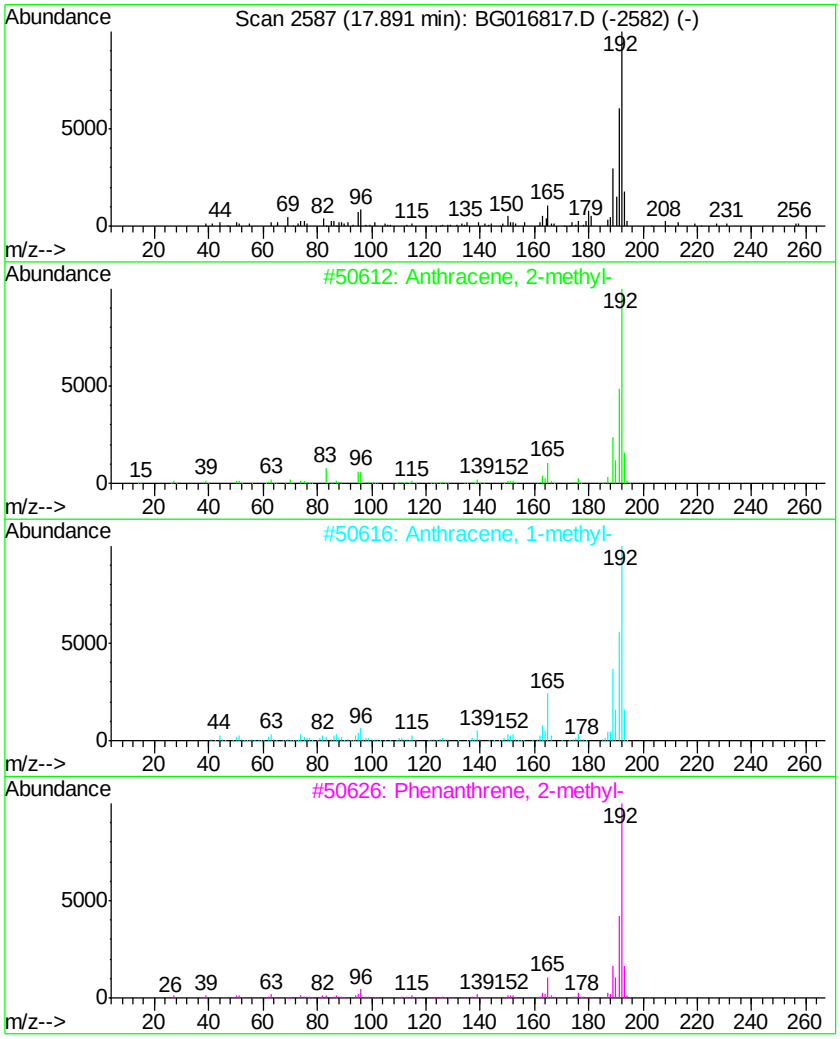
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

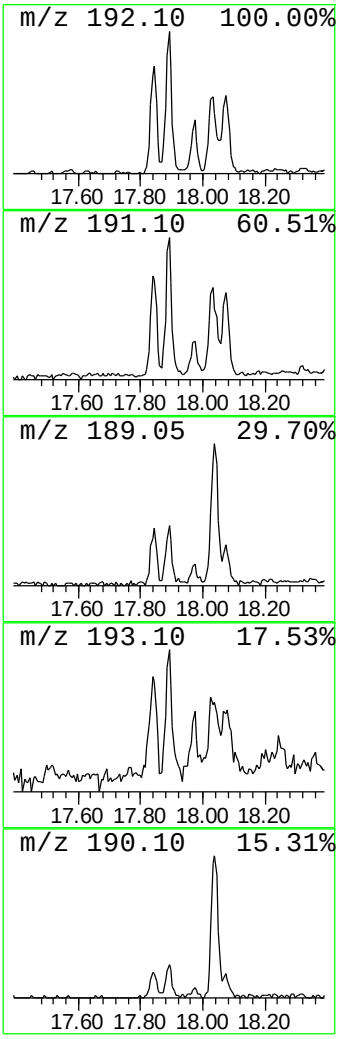
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.28 ng	84614	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016817.D
Acq On : 30 Apr 2015 3:47
Operator : TP/IZ
Sample : G2031-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.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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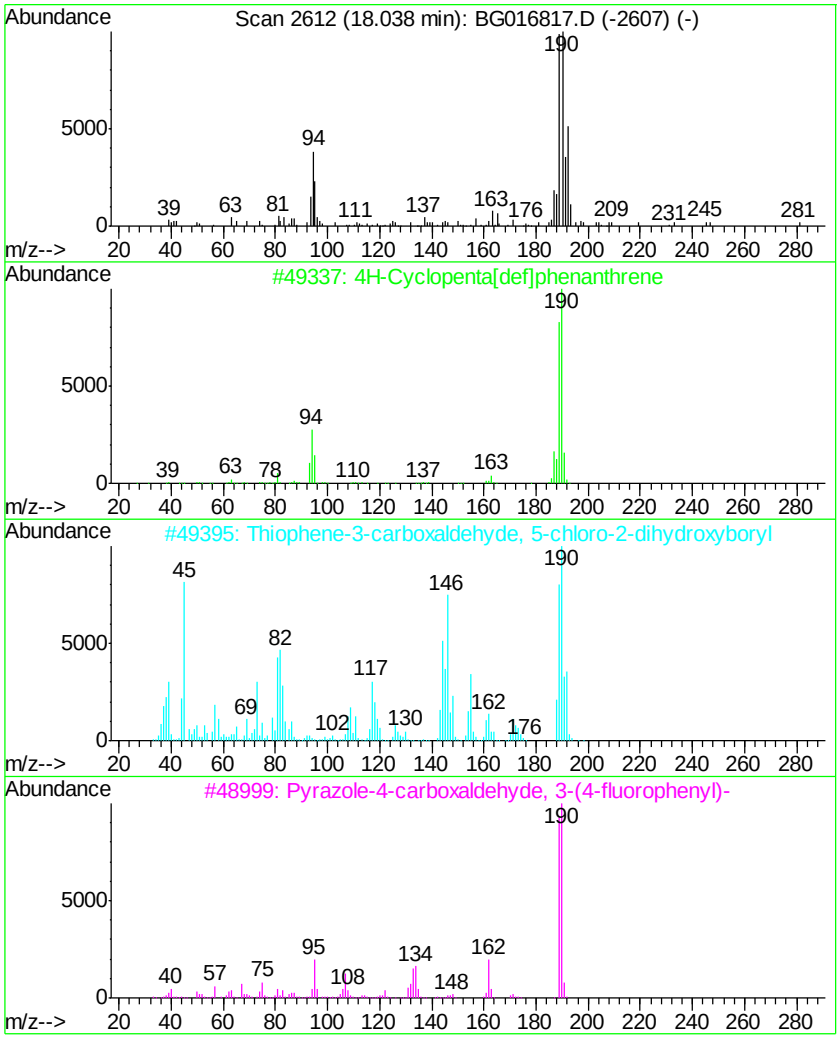
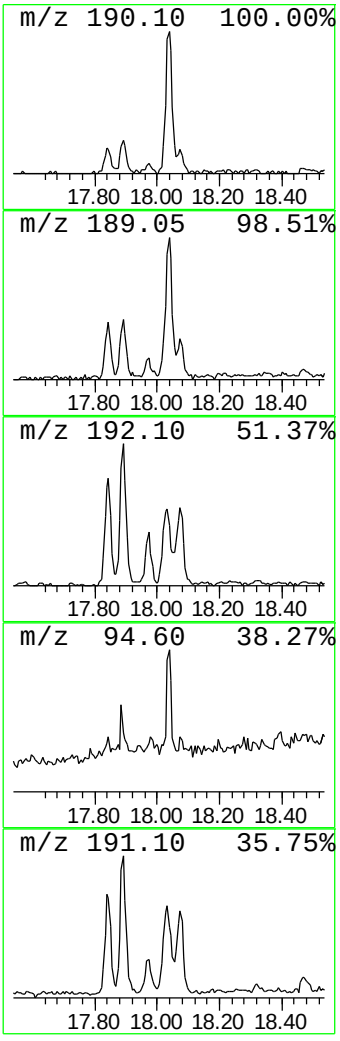
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.00 ng	74520	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	49
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	49
4	Benzo[1,2-b:5,4-b']dithiophene	190	C10H6S2	000267-61-8	16
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	11





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016817.D
Acq On : 30 Apr 2015 3:47
Operator : TP/IZ
Sample : G2031-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

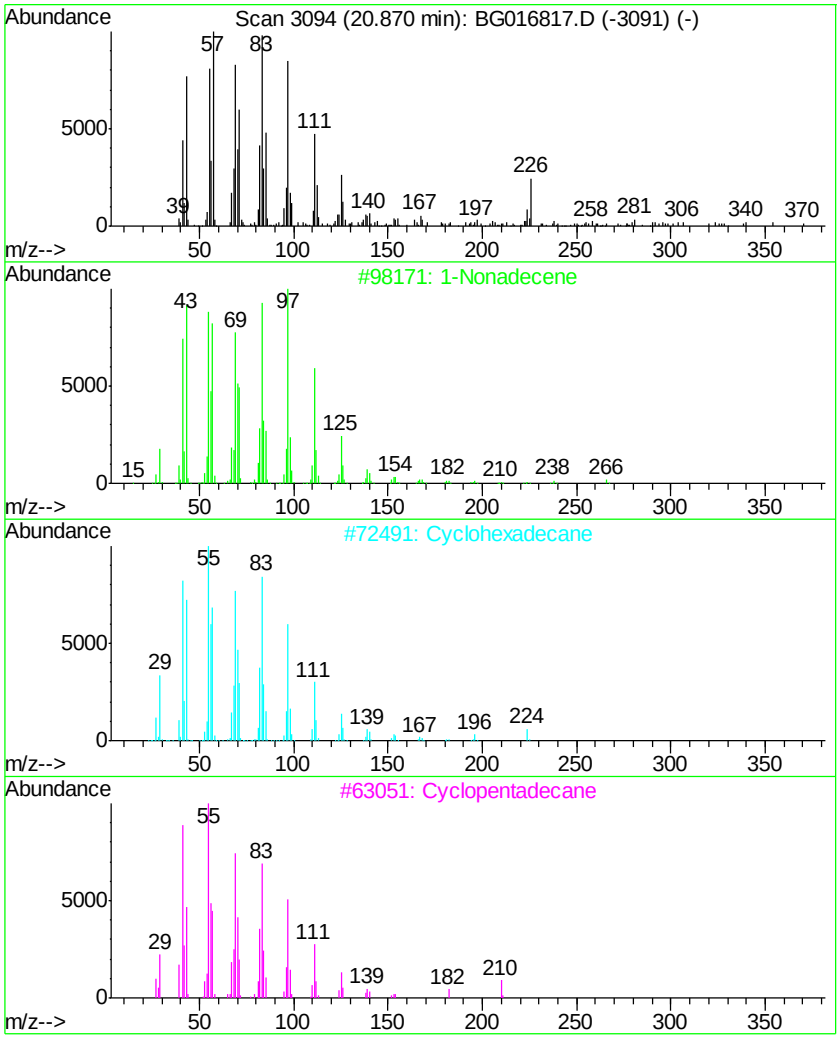
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

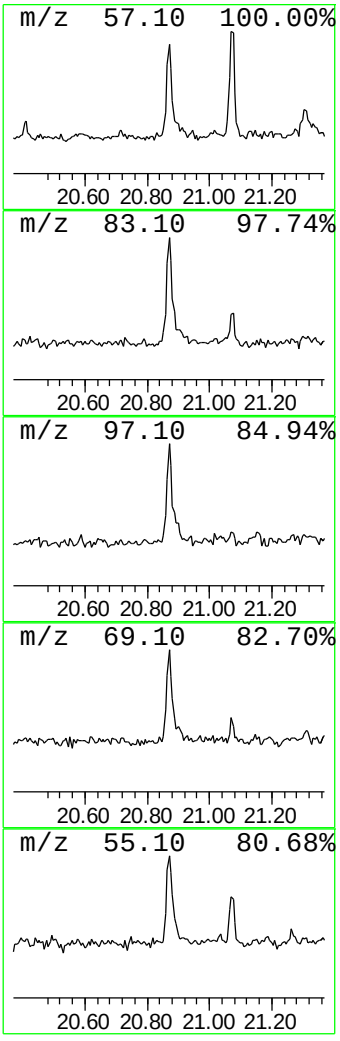
****

Peak Number 6 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.57 ng	190854	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	93
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	91





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Operator : TP/IZ
Sample : G2031-05
Misc :
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Instrument : BNA_G
ClientSampleId : SB5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

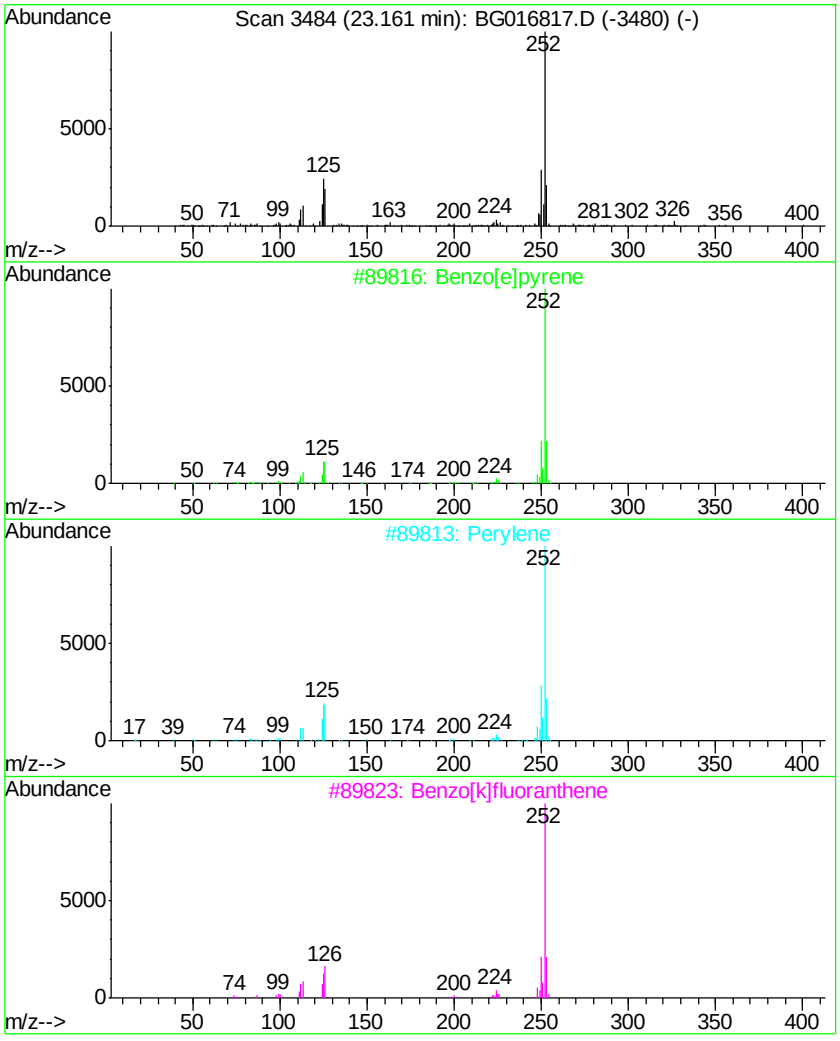
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

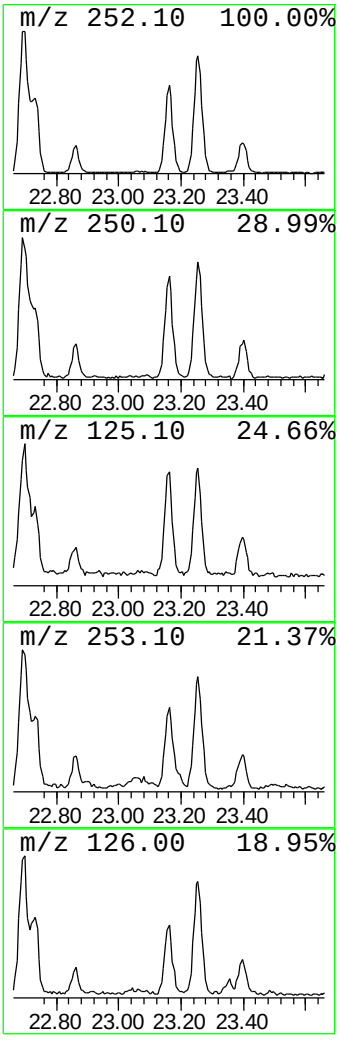
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	4.93 ng	179240	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042915\
Data File : BG016817.D
Acq On : 30 Apr 2015 3:47
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Sample : G2031-05
Misc :
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Instrument : BNA_G
ClientSampleId : SB5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.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
2-Pentanol, 2,4-d...	4.67	7.2	ng	108131	1	7.56	299201	20.0
unknown7.10	7.10	71.7	ng	1072930	1	7.56	299201	20.0
Anthracene, 2-met...	17.89	2.3	ng	84614	4	16.97	743763	20.0
4H-Cyclopenta[def...	18.04	2.0	ng	74520	4	16.97	743763	20.0
1-Nonadecene	20.87	3.6	ng	190854	5	21.16	1070650	20.0
Benzo[e]pyrene	23.16	4.9	ng	179240	6	23.36	726573	20.0