LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021141.D
Acq On : 28 Feb 2016 8:06
Operator : UM/SJ
Sample : H1526-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-03

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-BG022616.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	3.084	37	42	62	rVV	1253501	1702102	100.00%	14.073%
2	3.231	62	67	76	rVB	13982	25226	1.48%	0.209%
3	5.252	406	411	418	rBV	41003	63516	3.73%	0.525%
4	5.716	484	490	499	rVB	184969	294344	17.29%	2.434%
5	7.309	753	761	771	rBB	211253	356425	20.94%	2.947%
6	7.696	819	827	834	rVB	192842	328831	19.32%	2.719%
7	8.166	899	907	913	rBB	32100	52981	3.11%	0.438%
8	8.489	955	962	969	rBB	127920	217797	12.80%	1.801%
9	9.330	1097	1105	1112	rBB	126685	226703	13.32%	1.874%
10	10.975	1378	1385	1392	rBB	50278	88818	5.22%	0.734%
11	13.401	1790	1798	1805	rBB	342709	507213	29.80%	4.194%
12	14.212	1931	1936	1942	rBB	43455	60302	3.54%	0.499%
13	14.770	2025	2031	2037	rVB2	89554	136898	8.04%	1.132%
14	15.593	2167	2171	2177	rVB	14781	18557	1.09%	0.153%
15	16.251	2273	2283	2290	rBV	312938	461741	27.13%	3.818%
16	16.451	2312	2317	2320	rBV	16135	22265	1.31%	0.184%
17	17.244	2445	2452	2457	rBV3	13034	18630	1.09%	0.154%
18	17.502	2490	2496	2500	rBV	112032	179866	10.57%	1.487%
19	17.549	2500	2504	2510	rVV	117726	176286	10.36%	1.458%
20	17.638	2510	2519	2524	rVV	31721	44597	2.62%	0.369%
21	18.372	2639	2644	2649	rBV	51218	76501	4.49%	0.632%
22	18.425	2649	2653	2661	rVV	34194	53341	3.13%	0.441%
23	18.566	2671	2677	2680	rVV2	19100	36549	2.15%	0.302%
24	18.607	2680	2684	2691	rVB	22324	32838	1.93%	0.271%
25	18.866	2723	2728	2732	rBV	25699	35912	2.11%	0.297%
26	18.907	2732	2735	2741	rVB3	14039	19979	1.17%	0.165%
27	19.283	2793	2799	2804	rBV2	30331	50236	2.95%	0.415%
28	19.418	2817	2822	2828	rVB	45725	74362	4.37%	0.615%
29	19.541	2837	2843	2850	rBV	424641	625376	36.74%	5.171%
30	19.635	2856	2859	2864	rVB2	20366	25614	1.50%	0.212%
31	19.782	2878	2884	2893	rVV5	17479	38134	2.24%	0.315%
32	19.870	2893	2899	2901	rVV2	68934	110163	6.47%	0.911%
33	19.906	2901	2905	2911	rVV	426920	601632	35.35%	4.974%
34	19.970	2911	2916	2922	rVB	26567	41617	2.45%	0.344%

LSC Area Percent Report

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Data File : BG021141.D
Acq On : 28 Feb 2016 8:06
Operator : UM/SJ
Sample : H1526-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-03

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-BG022616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.099	2927	2938	2942	rBV	630560	876213	51.48%	7.244%
36	20.141	2942	2945	2950	rVB	16909	24791	1.46%	0.205%
37	20.229	2953	2960	2965	rBV3	31793	81581	4.79%	0.674%
38	20.352	2975	2981	2984	rBV4	24800	48166	2.83%	0.398%
39	20.546	3006	3014	3018	rBV2	42639	85679	5.03%	0.708%
40	20.581	3018	3020	3024	rVV2	18216	20473	1.20%	0.169%
41	20.687	3033	3038	3041	rVV	25857	36986	2.17%	0.306%
42	20.728	3041	3045	3048	rVV2	25796	40686	2.39%	0.336%
43	20.763	3048	3051	3055	rVV4	21496	35230	2.07%	0.291%
44	20.816	3058	3060	3068	rVB6	11886	17764	1.04%	0.147%
45	21.151	3112	3117	3125	rVB	72228	106968	6.28%	0.884%
46	21.339	3140	3149	3153	rBV2	42392	103299	6.07%	0.854%
47	21.392	3153	3158	3162	rVV	142708	216179	12.70%	1.787%
48	21.433	3162	3165	3170	rVV2	47516	89308	5.25%	0.738%
49	21.492	3170	3175	3183	rVB2	49753	92323	5.42%	0.763%
50	21.633	3188	3199	3206	rBV2	12807	43373	2.55%	0.359%
51	21.756	3213	3220	3227	rBV2	297884	721072	42.36%	5.962%
52	21.821	3227	3231	3243	rVB	229740	393601	23.12%	3.254%
53	22.179	3286	3292	3298	rBV3	31821	61734	3.63%	0.510%
54	22.514	3340	3349	3355	rVB	35684	82159	4.83%	0.679%
55	22.585	3355	3361	3367	rBV3	27484	52856	3.11%	0.437%
56	22.784	3389	3395	3399	rBV5	11046	18824	1.11%	0.156%
57	22.931	3413	3420	3427	rBV5	11645	27778	1.63%	0.230%
58	23.184	3457	3463	3469	rBV3	10342	21601	1.27%	0.179%
59	23.595	3526	3533	3536	rBV3	12786	28164	1.65%	0.233%
60	23.625	3536	3538	3548	rVB5	11229	20020	1.18%	0.166%
61	23.789	3559	3566	3573	rBV2	11309	27295	1.60%	0.226%
62	24.012	3591	3604	3612	rBV2	152220	556964	32.72%	4.605%
63	24.265	3640	3647	3655	rBV2	15603	38040	2.23%	0.315%
64	24.483	3677	3684	3688	rBV7	10171	26113	1.53%	0.216%
65	24.747	3720	3729	3741	rVB	82706	239874	14.09%	1.983%
66	24.900	3744	3755	3769	rVB	98439	276412	16.24%	2.285%
67	25.052	3770	3781	3788	rBV	65225	189880	11.16%	1.570%
68	25.135	3788	3795	3810	rVB3	29495	99387	5.84%	0.822%
69	26.351	3994	4002	4015	rBV10	11323	39439	2.32%	0.326%
70	28.360	4333	4344	4357	rVB7	12472	58276	3.42%	0.482%
71	28.795	4403	4418	4437	rVB4	38585	195151	11.47%	1.613%

LSC Area Percent Report

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Data File : BG021141.D
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Operator : UM/SJ
Sample : H1526-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-03

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-BG022616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	29.289	4493	4502	4512	rVB3	9022	33655	1.98%	0.278%
73	29.436	4518	4527	4535	rBV5	6352	24209	1.42%	0.200%
74	29.964	4600	4617	4632	rVB2	29272	138176	8.12%	1.142%

Sum of corrected areas: 12095051

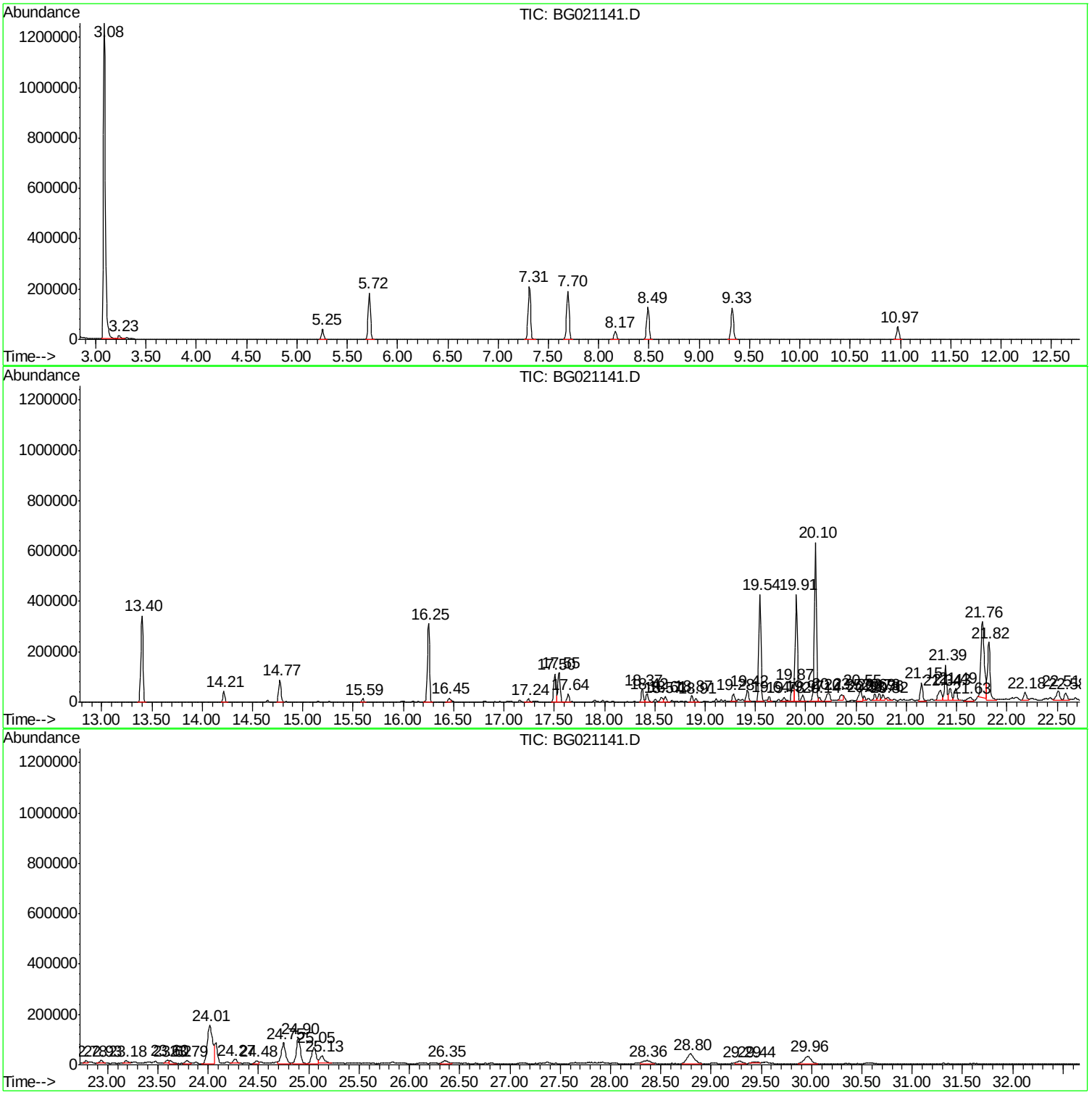
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021141.D
Acq On : 28 Feb 2016 8:06
Operator : UM/SJ
Sample : H1526-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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\BG022716\
Data File : BG021141.D
Acq On : 28 Feb 2016 8:06
Operator : UM/SJ
Sample : H1526-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

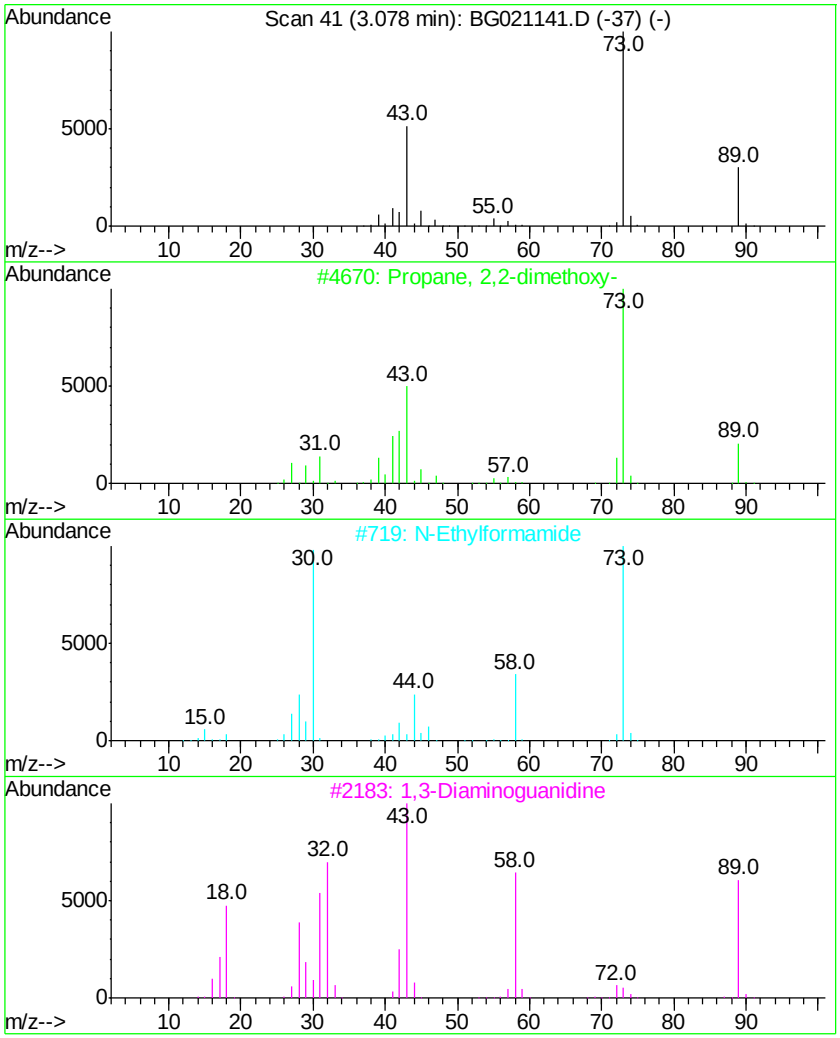
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

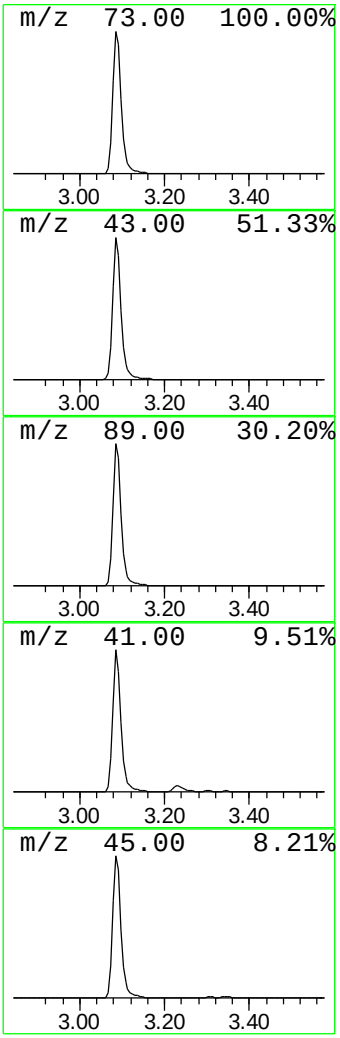
****

Peak Number 1 unknown3.08 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	642.53 ng	1702100	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021141.D
Acq On : 28 Feb 2016 8:06
Operator : UM/SJ
Sample : H1526-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

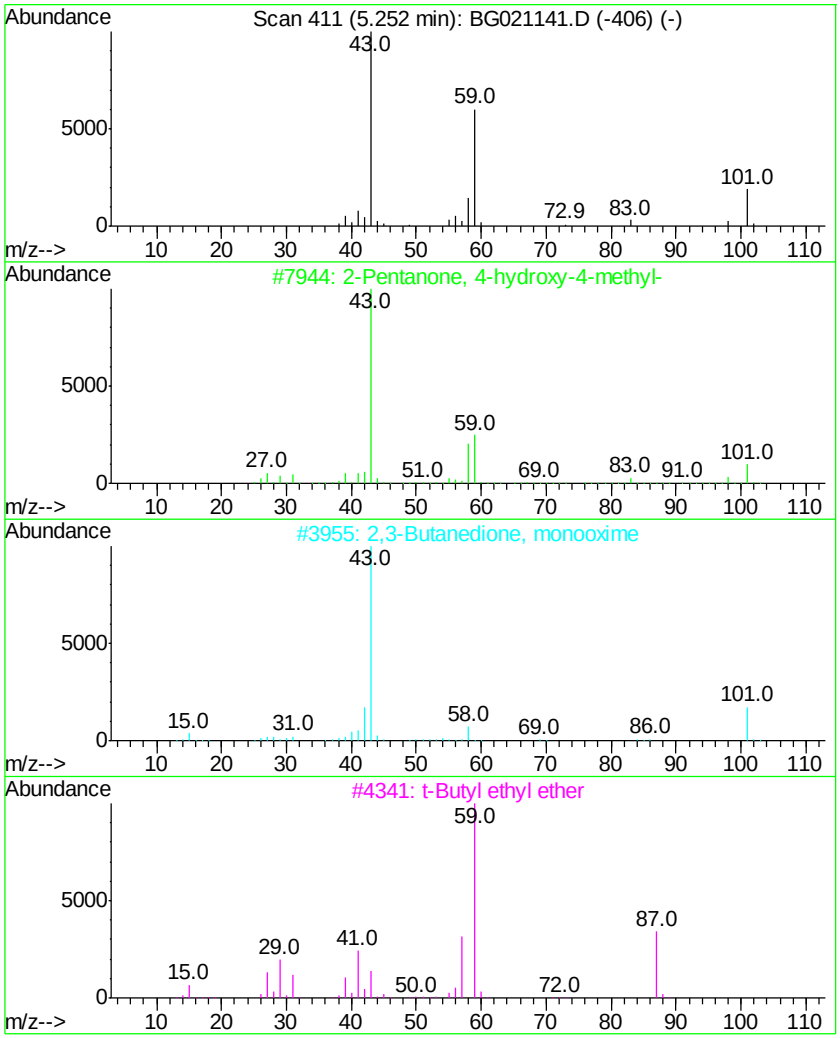
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

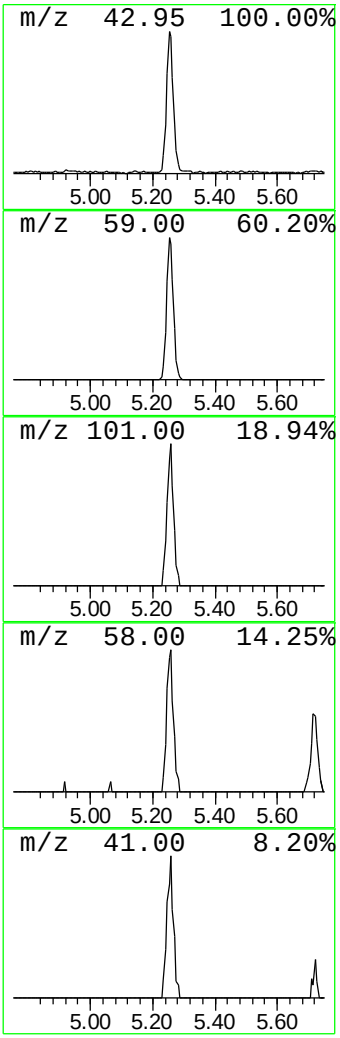
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	23.98 ng	63516	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	t-Butyl ethyl ether	102	C6H14O	1000118-18-4	23
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	23
5	5-Hexen-2-one	98	C6H10O	000109-49-9	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021141.D
Acq On : 28 Feb 2016 8:06
Operator : UM/SJ
Sample : H1526-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

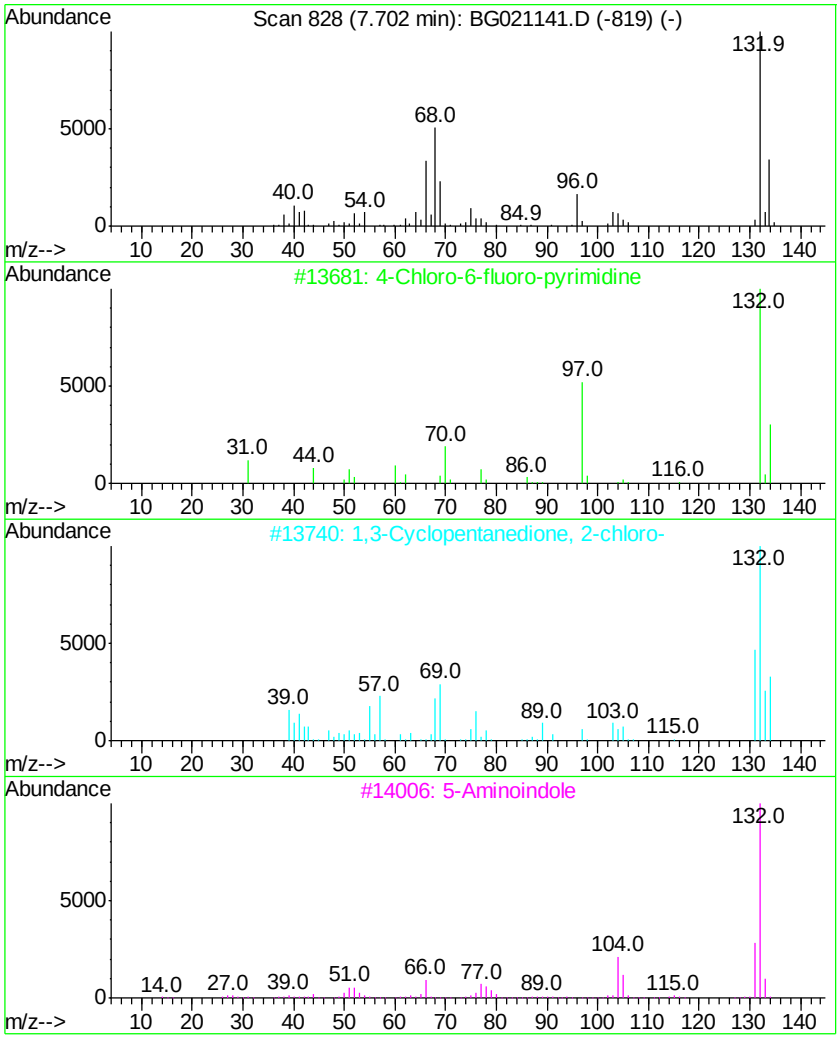
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

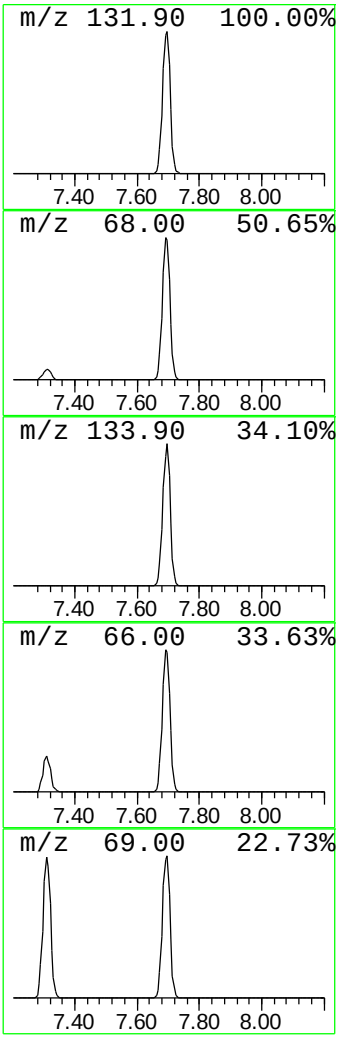
****

Peak Number 4 unknown7.70 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	124.13 ng	328831	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
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Acq On : 28 Feb 2016 8:06
Operator : UM/SJ
Sample : H1526-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

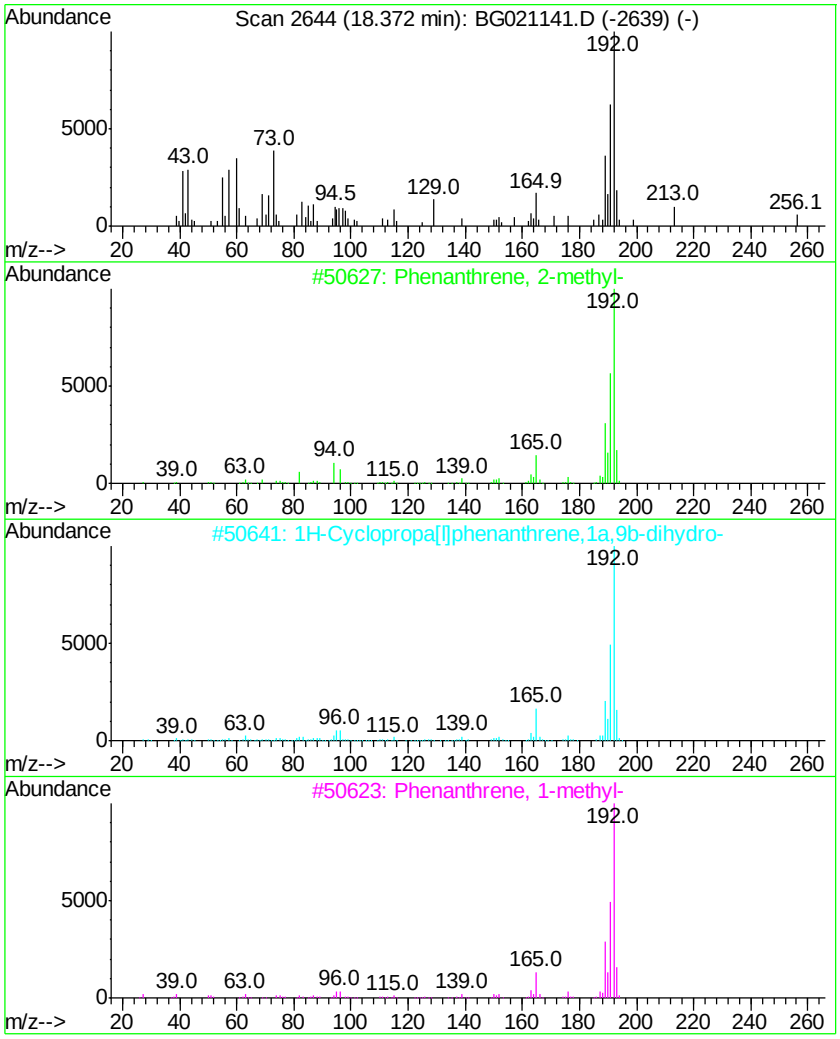
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

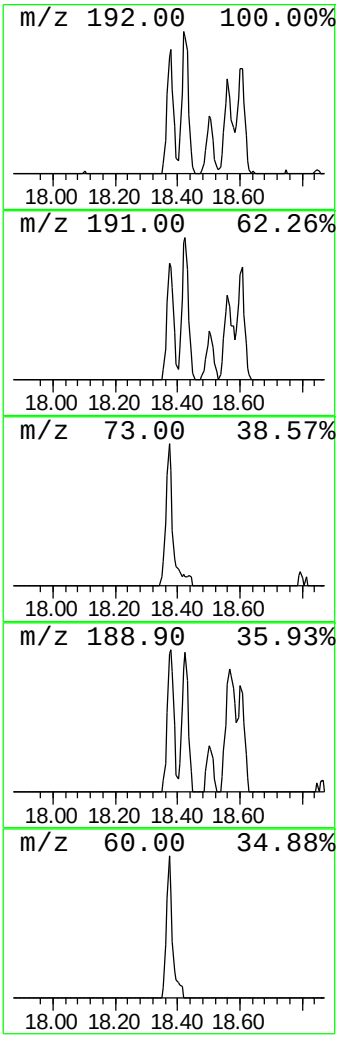
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	8.51 ng	76501	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021141.D
Acq On : 28 Feb 2016 8:06
Operator : UM/SJ
Sample : H1526-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

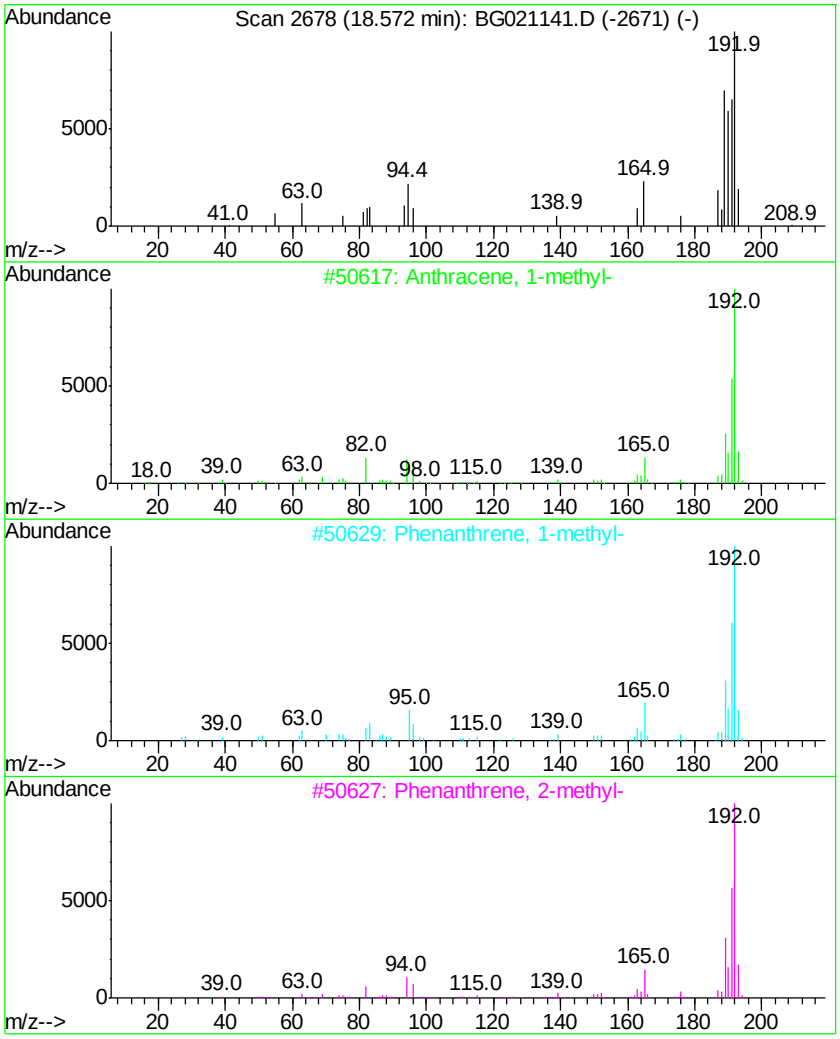
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

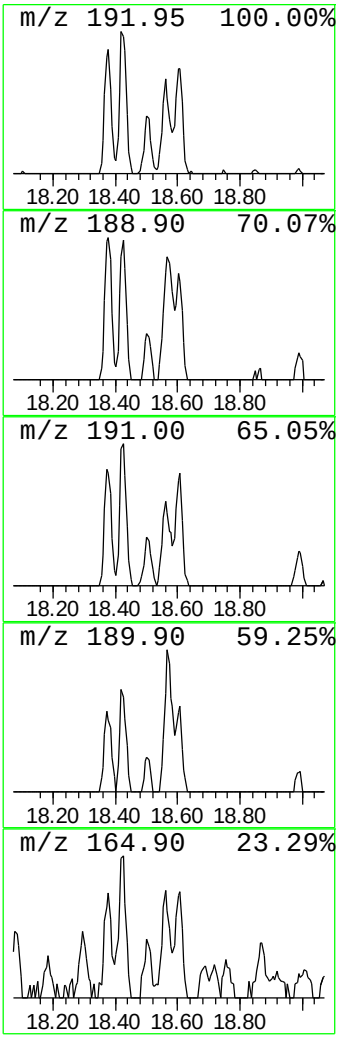
****

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	4.06 ng	36549	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021141.D
Acq On : 28 Feb 2016 8:06
Operator : UM/SJ
Sample : H1526-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

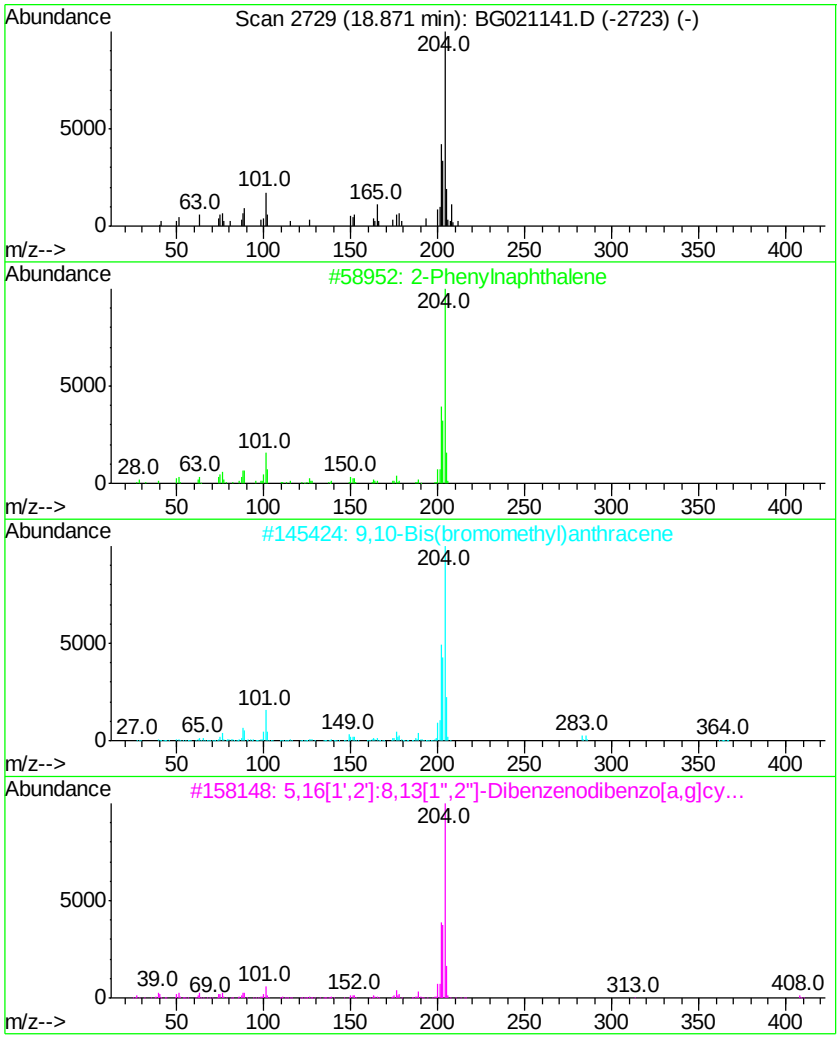
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

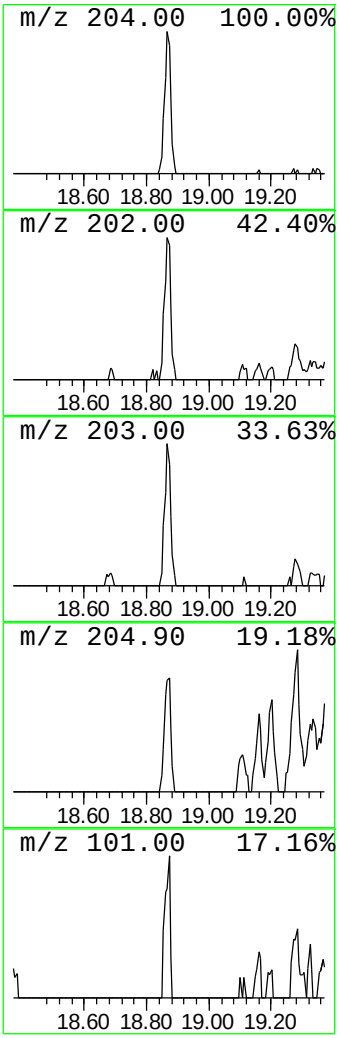
****

Peak Number 10 2-Phenylnaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	3.99 ng	35912	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	91
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	87
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021141.D
Acq On : 28 Feb 2016 8:06
Operator : UM/SJ
Sample : H1526-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

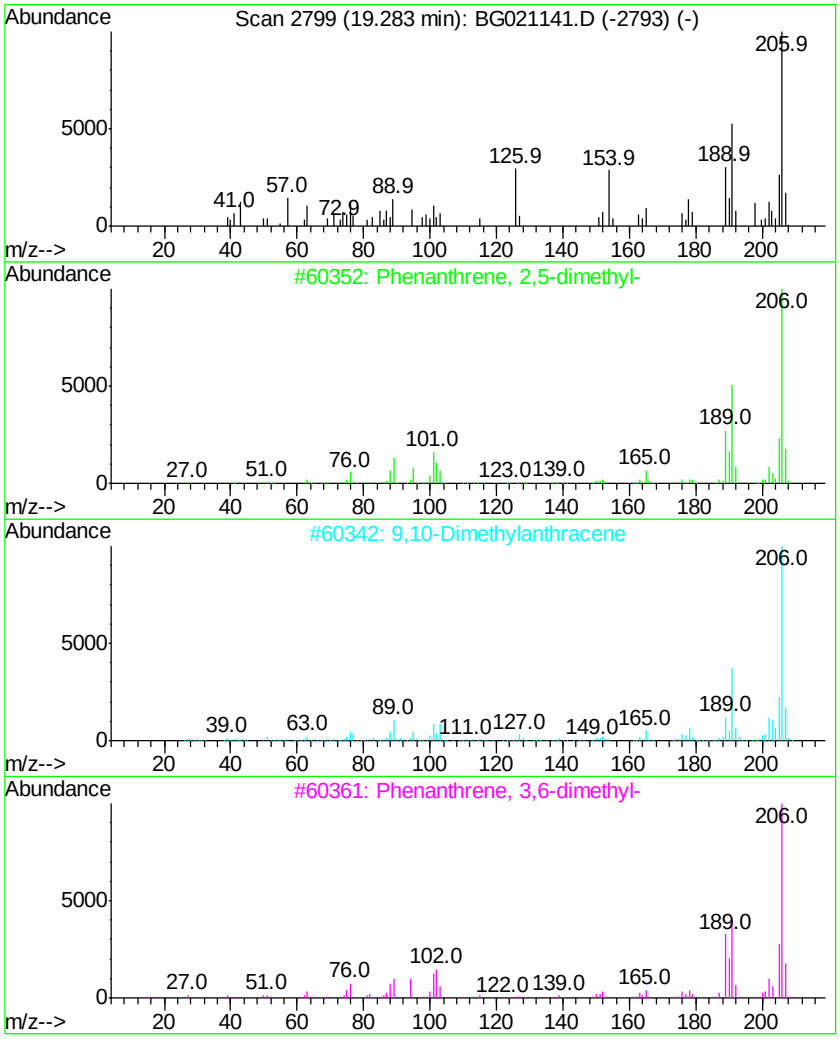
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

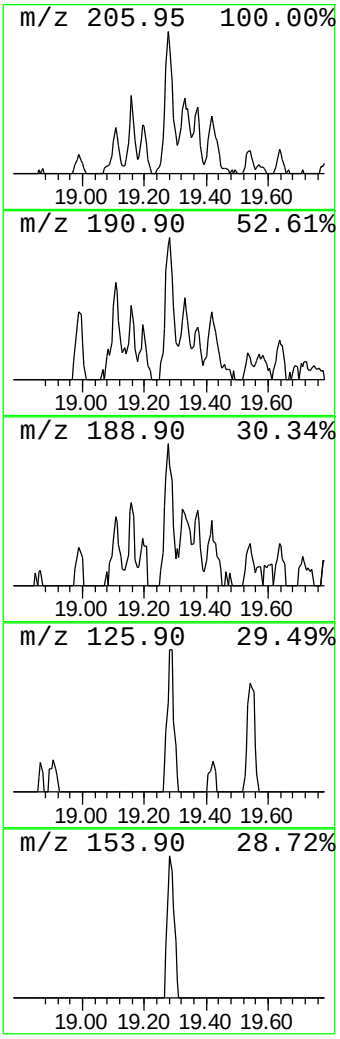
****

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	5.59 ng	50236	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	70
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	64





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Data File : BG021141.D
Acq On : 28 Feb 2016 8:06
Operator : UM/SJ
Sample : H1526-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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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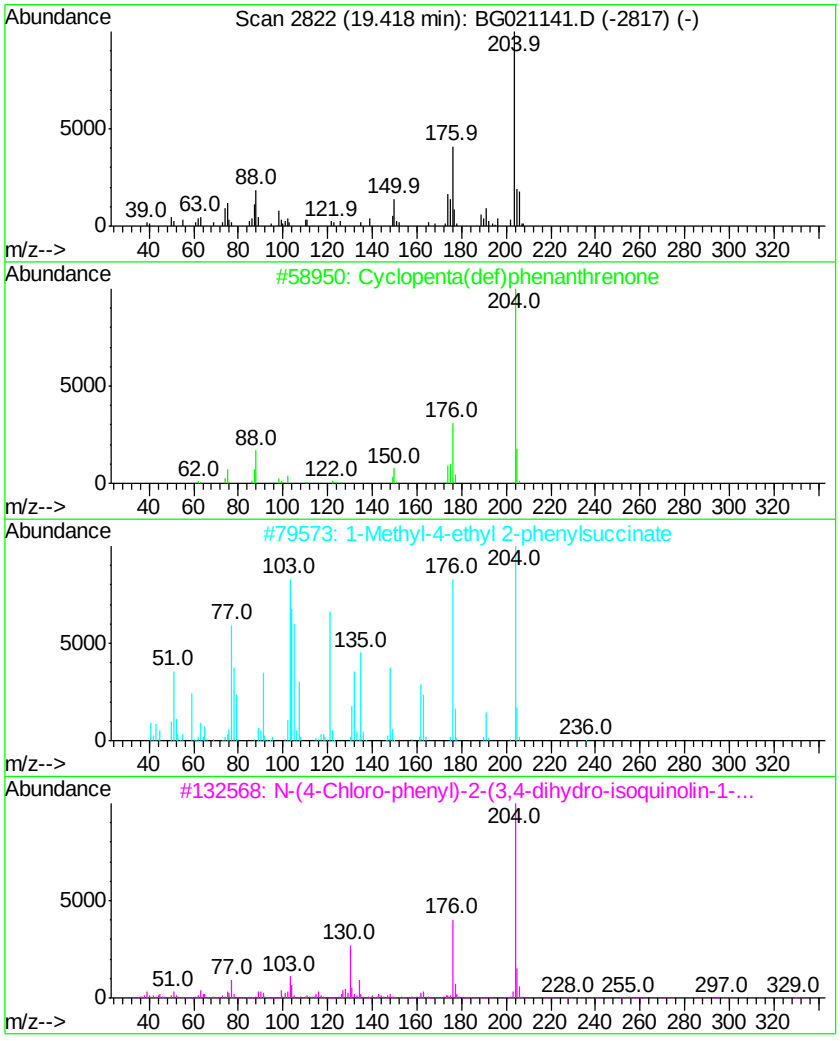
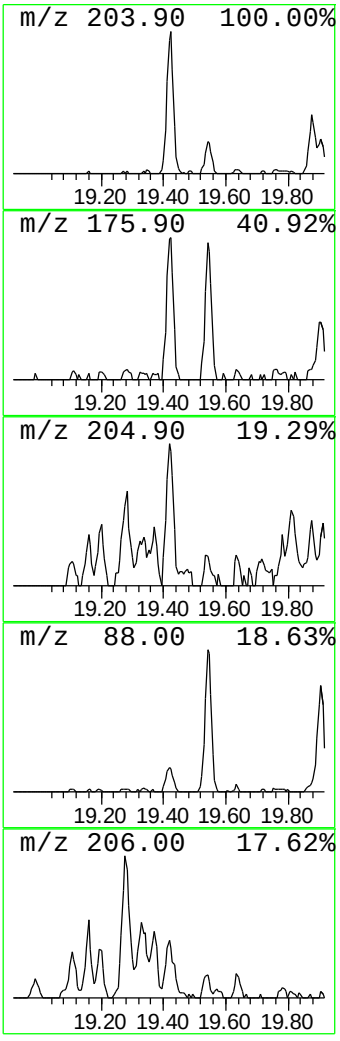
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	8.27 ng	74362	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	1-Methyl-4-ethyl 2-phenylsuccinate	236	C13H16O4	132545-36-9	53
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	53
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45





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Sample : H1526-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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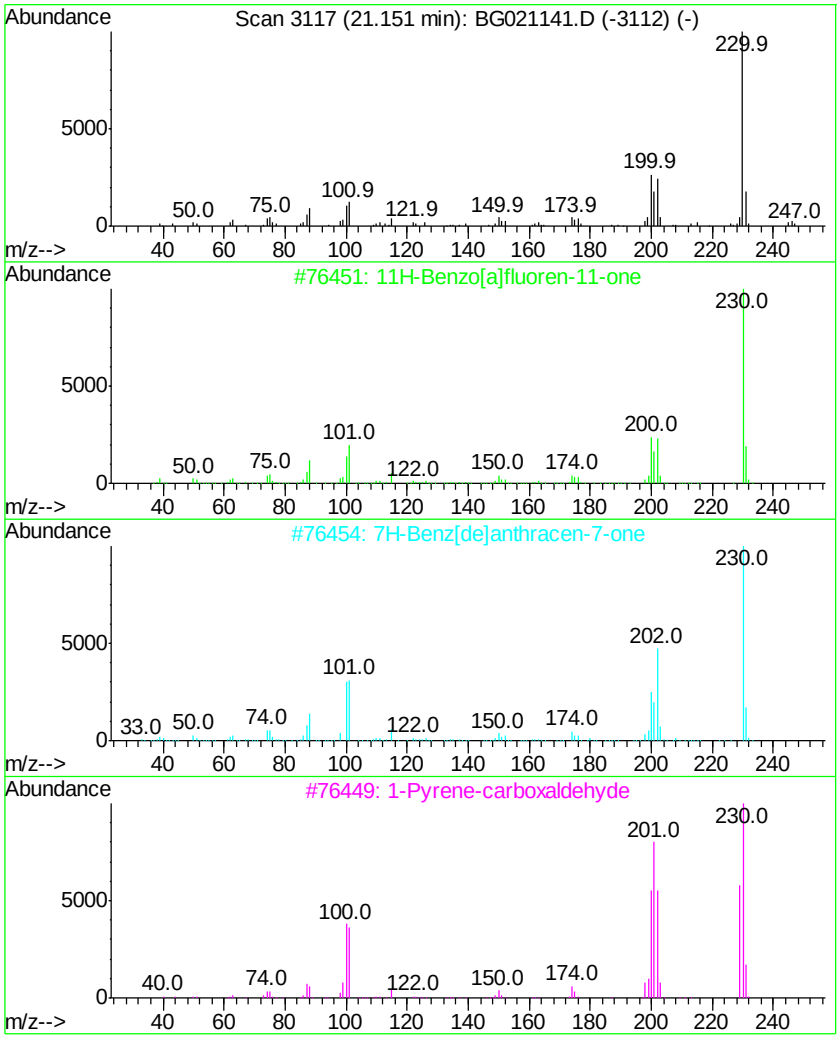
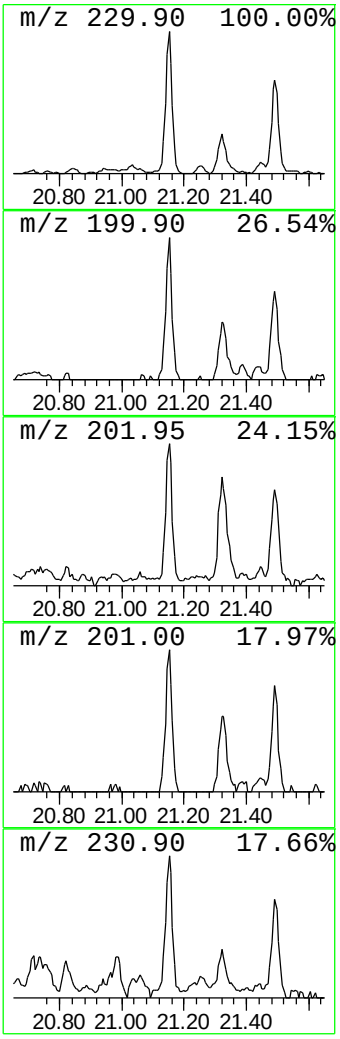
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	2.97 ng	106968	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	59
4	o-Terphenyl	230	C18H14	000084-15-1	53
5	5,6-Dihydrochrysene	230	C18H14	002091-92-1	50





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Data File : BG021141.D
Acq On : 28 Feb 2016 8:06
Operator : UM/SJ
Sample : H1526-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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TIC Integration Parameters: LSCINT.P

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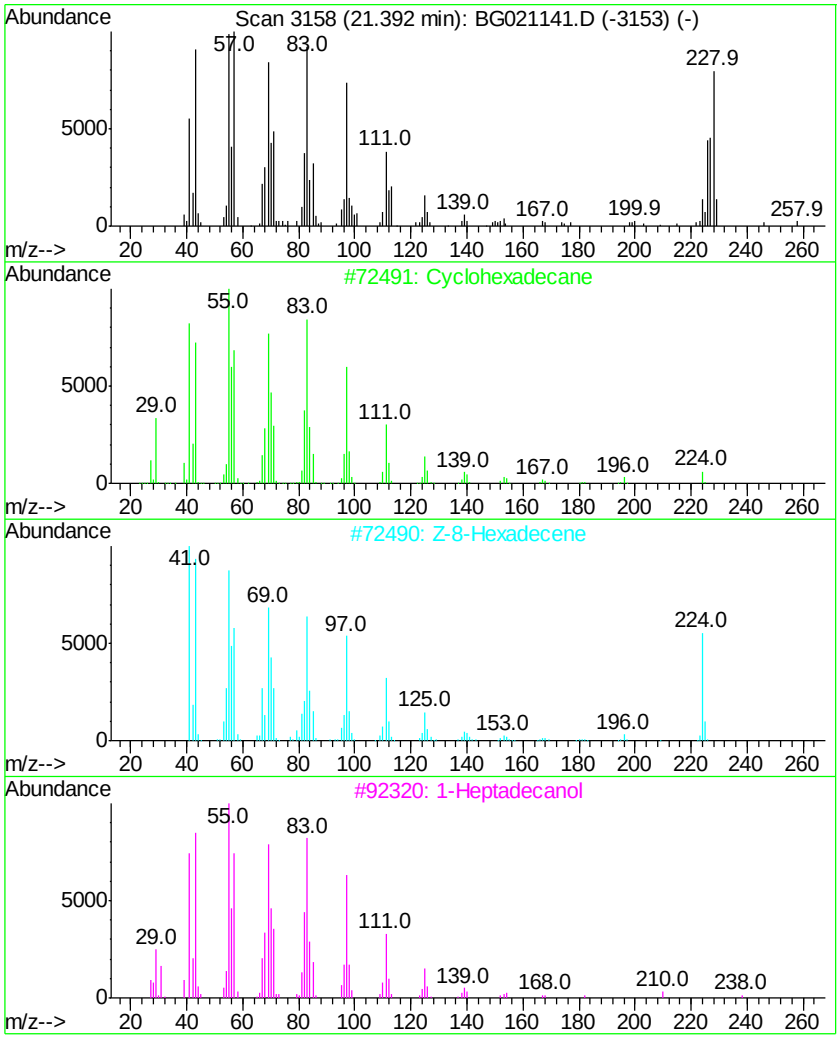
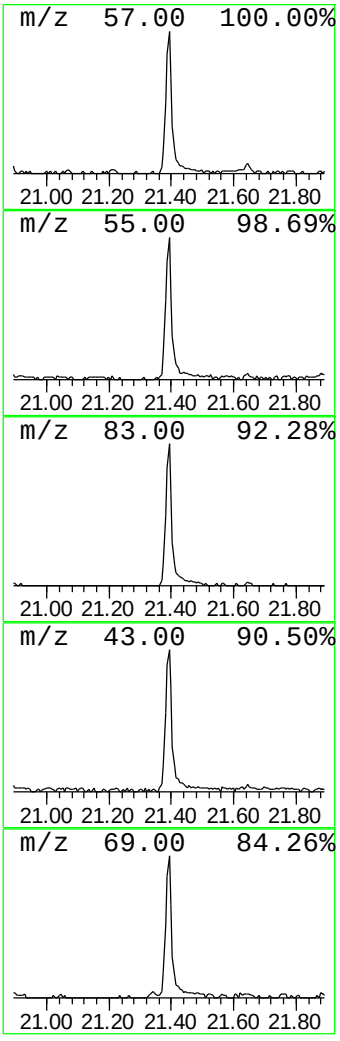
Peak Number 14 Cyclohexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	6.00 ng	216179	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	Z-8-Hexadecene	224	C16H32	1000130-87-5	72
3	1-Heptadecanol	256	C17H36O	001454-85-9	60
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	60
5	1-Nonadecene	266	C19H38	018435-45-5	60





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Data File : BG021141.D
Acq On : 28 Feb 2016 8:06
Operator : UM/SJ
Sample : H1526-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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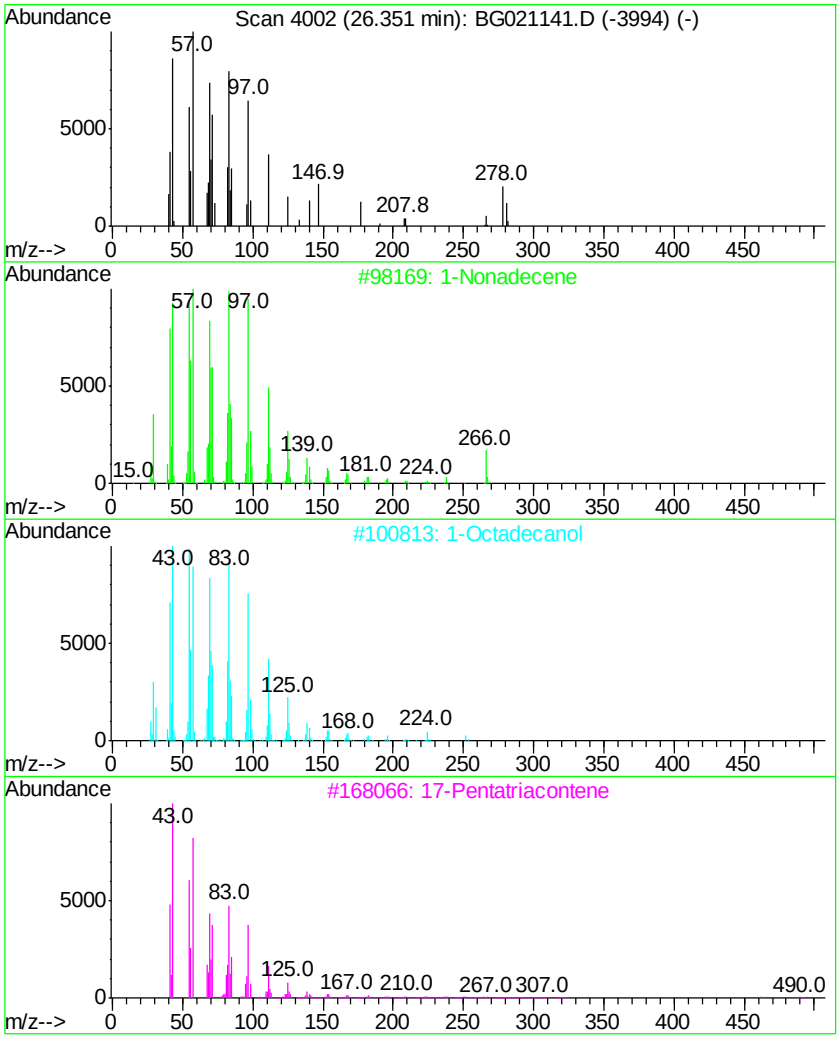
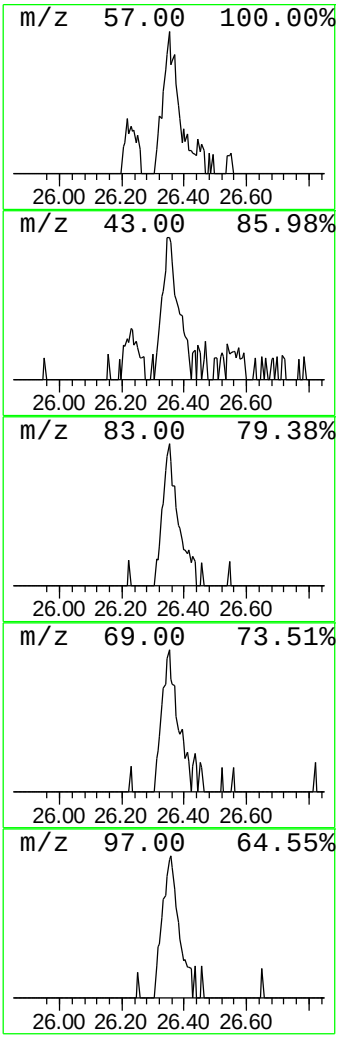
Peak Number 18 1-Nonadecene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.35	4.15 ng	39439	Perylene-d12	25.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	87
2	1-Octadecanol	270	C18H38O	000112-92-5	76
3	17-Pentatriacontene	491	C35H70	006971-40-0	72
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	70
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021141.D
Acq On : 28 Feb 2016 8:06
Operator : UM/SJ
Sample : H1526-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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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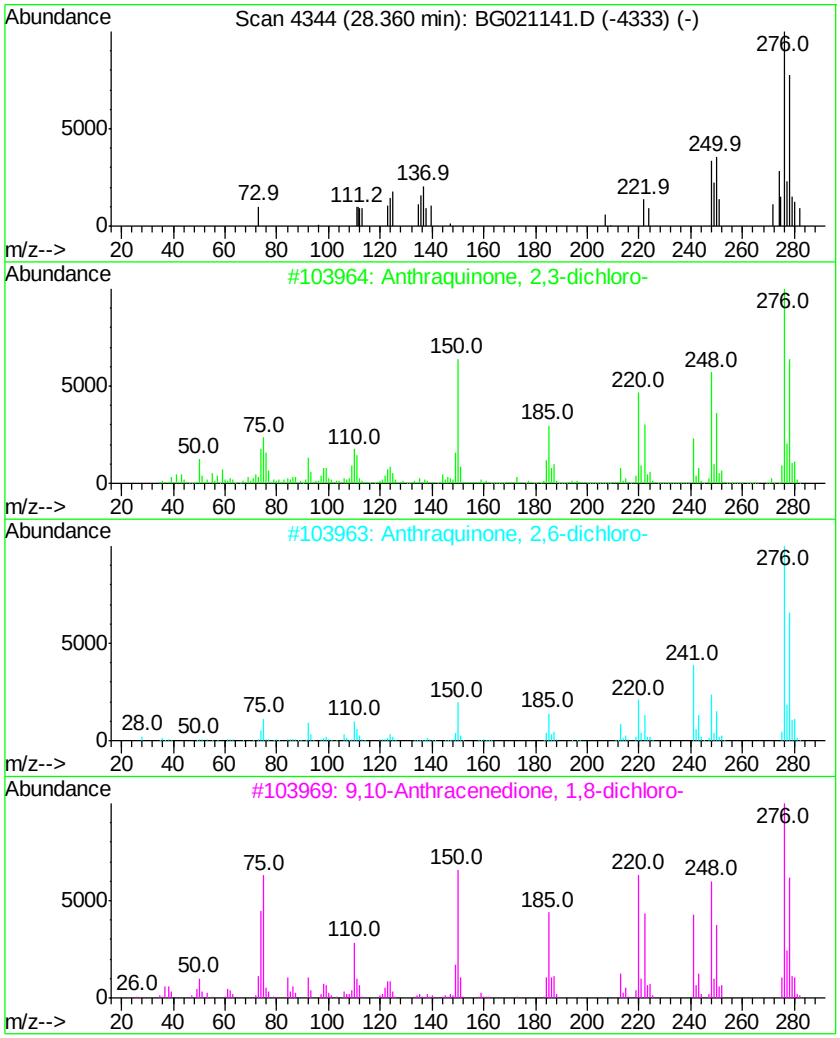
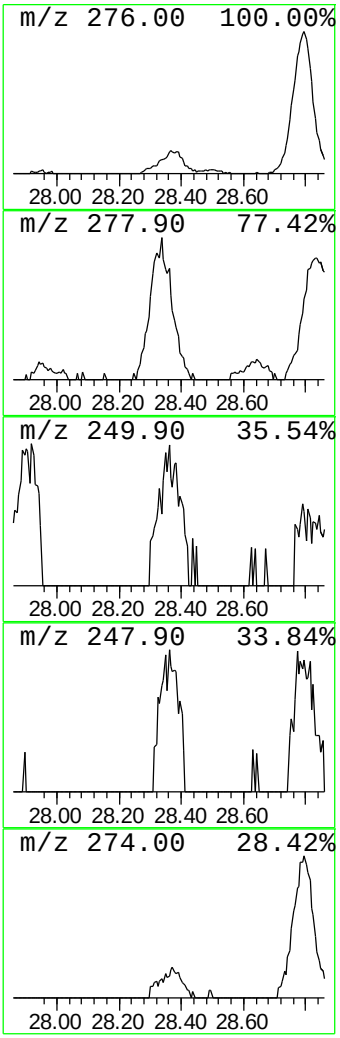
Peak Number 19 Anthraquinone, 2,3-dichloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.36	6.14 ng	58276	Perylene-d12	25.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthraquinone, 2,3-dichloro-	276	C14H6Cl2O2	000084-45-7	83
2	Anthraquinone, 2,6-dichloro-	276	C14H6Cl2O2	000605-40-3	81
3	9,10-Anthracenedione, 1,8-dichloro-	276	C14H6Cl2O2	000082-43-9	72
4	5H-Thiazolo[3,2-a]pyrimidin-5-on...	276	C13H9ClN2OS	023429-91-6	46
5	Benzo[b]naphtho[2,3-d]thiophene,...	278	C19H18S	024964-01-0	43





Library Search Compound Report

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Acq On : 28 Feb 2016 8:06
Operator : UM/SJ
Sample : H1526-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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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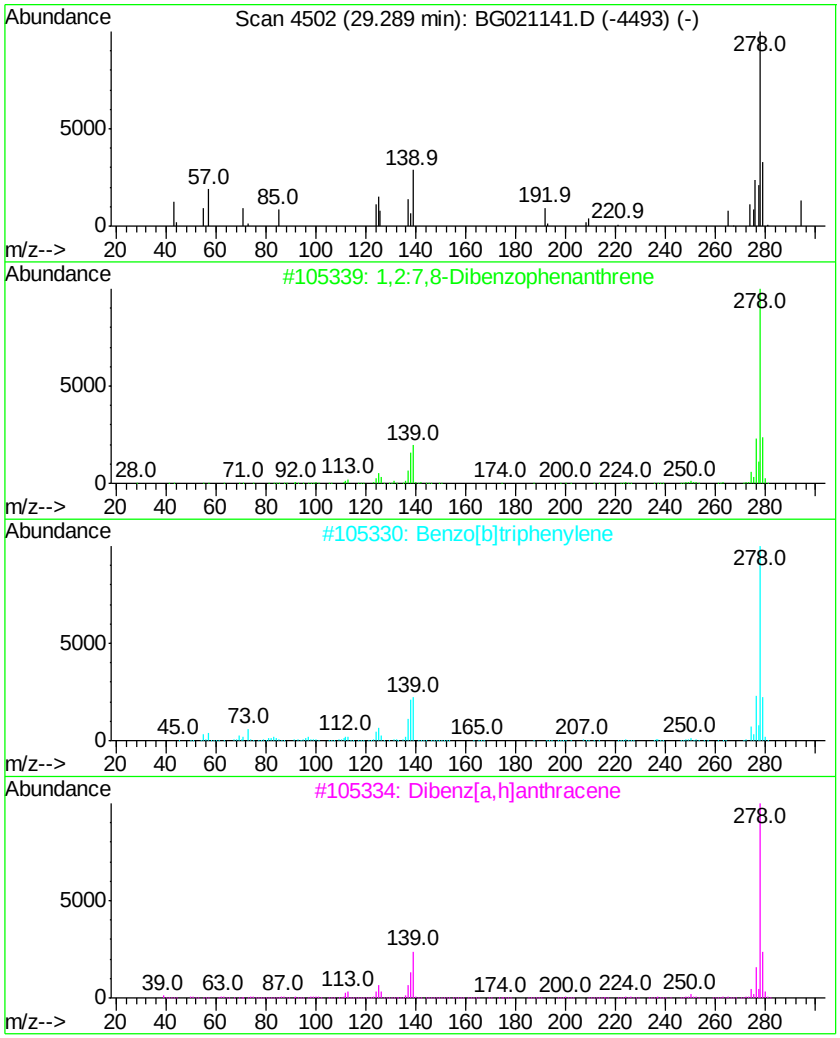
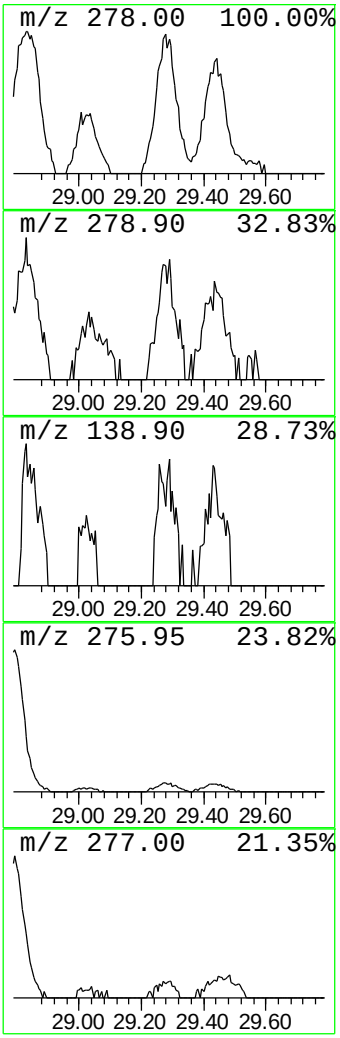
Peak Number 20 1,2:7,8-Dibenzophenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.29	3.54 ng	33655	Perylene-d12	25.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	50
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	47
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	40
4	Pentacene	278	C22H14	000135-48-8	40
5	Dibenzo[b,h][1,6]naphthyridine, ...	278	C17H11ClN2	004240-91-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
Data File : BG021141.D
Acq On : 28 Feb 2016 8:06
Operator : UM/SJ
Sample : H1526-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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
unknown3.08	3.08	642.5	ng	1702100	1	8.17	52981	20.0
2-Pentanone, 4-hy...	5.25	24.0	ng	63516	1	8.17	52981	20.0
unknown7.70	7.70	124.1	ng	328831	1	8.17	52981	20.0
Phenanthrene, 2-m...	18.37	8.5	ng	76501	4	17.50	179866	20.0
Anthracene, 1-met...	18.57	4.1	ng	36549	4	17.50	179866	20.0
2-Phenylnaphthalene	18.87	4.0	ng	35912	4	17.50	179866	20.0
Phenanthrene, 2,5...	19.28	5.6	ng	50236	4	17.50	179866	20.0
Cyclopenta(def)ph...	19.42	8.3	ng	74362	4	17.50	179866	20.0
11H-Benzo[a]fluor...	21.15	3.0	ng	106968	5	21.77	721072	20.0
Cyclohexadecane	21.39	6.0	ng	216179	5	21.77	721072	20.0
1-Nonadecene	26.35	4.2	ng	39439	6	25.05	189880	20.0
Anthraquinone, 2,...	28.36	6.1	ng	58276	6	25.05	189880	20.0
1,2:7,8-Dibenzoph...	29.29	3.5	ng	33655	6	25.05	189880	20.0