LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021780.D
Acq On : 20 Apr 2016 11:47
Operator : UM/SJ
Sample : H2589-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EUT01-TU-B2(0-5)-C

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-BG041316.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	3.096	38	44	64	rVB	1503727	2258689	100.00%	8.137%
2	3.361	85	89	100	rVB	19400	28019	1.24%	0.101%
3	5.288	411	417	424	rBV	110143	173799	7.69%	0.626%
4	5.758	489	497	506	rBV	531020	897785	39.75%	3.234%
5	7.368	763	771	781	rBV	592658	1047466	46.37%	3.774%
6	7.744	827	835	843	rBV	573499	1005373	44.51%	3.622%
7	8.214	905	915	922	rBV	122713	215638	9.55%	0.777%
8	8.537	961	970	981	rBV	421802	743314	32.91%	2.678%
9	9.377	1104	1113	1126	rBV	360914	668952	29.62%	2.410%
10	11.028	1387	1394	1400	rBV	180733	335970	14.87%	1.210%
11	11.075	1400	1402	1410	rVB	26335	42684	1.89%	0.154%
12	12.667	1668	1673	1678	rVB	15191	24593	1.09%	0.089%
13	13.449	1798	1806	1814	rVB	978017	1518744	67.24%	5.471%
14	14.260	1937	1944	1950	rBV	82268	122408	5.42%	0.441%
15	14.688	2012	2017	2023	rVB2	17091	23192	1.03%	0.084%
16	14.818	2030	2039	2045	rBV2	266384	446751	19.78%	1.609%
17	14.882	2045	2050	2055	rVB	57312	91569	4.05%	0.330%
18	15.211	2099	2106	2114	rVV	35985	62668	2.77%	0.226%
19	15.634	2174	2178	2183	rVB	39207	51348	2.27%	0.185%
20	15.864	2211	2217	2225	rVB	58222	95922	4.25%	0.346%
21	16.022	2240	2244	2250	rBV5	14601	29072	1.29%	0.105%
22	16.298	2285	2291	2299	rBV	698209	1050772	46.52%	3.786%
23	16.492	2318	2324	2327	rBV	43192	62921	2.79%	0.227%
24	16.851	2376	2385	2390	rBV6	17063	47319	2.09%	0.170%
25	17.209	2440	2446	2453	rVB	39260	64930	2.87%	0.234%
26	17.280	2453	2458	2464	rBV2	33508	54945	2.43%	0.198%
27	17.379	2470	2475	2480	rVB	31967	50170	2.22%	0.181%
28	17.556	2499	2505	2508	rBV	321987	497528	22.03%	1.792%
29	17.597	2508	2512	2519	rVV	598002	960318	42.52%	3.460%
30	17.691	2523	2528	2533	rVV	121061	195910	8.67%	0.706%
31	17.744	2533	2537	2545	rVB2	19798	38117	1.69%	0.137%
32	17.955	2567	2573	2581	rVB2	75644	140943	6.24%	0.508%
33	18.120	2597	2601	2608	rVB5	38202	70183	3.11%	0.253%
34	18.425	2646	2653	2657	rBV	104745	178414	7.90%	0.643%

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Sample : H2589-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EUT01-TU-B2(0-5)-C

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-BG041316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.472	2657	2661	2668	rVB2	106025	185339	8.21%	0.668%
36	18.549	2670	2674	2679	rVB	29716	46292	2.05%	0.167%
37	18.619	2679	2686	2690	rBV3	116708	226702	10.04%	0.817%
38	18.654	2690	2692	2697	rVB2	52094	58126	2.57%	0.209%
39	18.707	2697	2701	2707	rBV6	17421	37617	1.67%	0.136%
40	18.766	2707	2711	2714	rBV4	19602	22927	1.02%	0.083%
41	18.813	2715	2719	2722	rBV5	46481	75181	3.33%	0.271%
42	18.913	2732	2736	2740	rBV	55362	82096	3.63%	0.296%
43	18.960	2740	2744	2750	rVB	90698	137312	6.08%	0.495%
44	19.154	2775	2777	2781	rVB2	21327	24155	1.07%	0.087%
45	19.207	2783	2786	2789	rVB3	21332	25212	1.12%	0.091%
46	19.295	2797	2801	2803	rBV5	36056	51038	2.26%	0.184%
47	19.324	2803	2806	2811	rVB3	48325	77627	3.44%	0.280%
48	19.430	2820	2824	2828	rBV5	18687	36251	1.60%	0.131%
49	19.471	2828	2831	2837	rVB2	39020	61465	2.72%	0.221%
50	19.594	2846	2852	2859	rBV	1006799	1477755	65.43%	5.324%
51	19.688	2864	2868	2870	rVV2	40373	52232	2.31%	0.188%
52	19.730	2871	2875	2880	rVB3	171390	243022	10.76%	0.876%
53	19.894	2898	2903	2905	rBV	192996	273579	12.11%	0.986%
54	19.918	2905	2907	2909	rVV2	202601	248583	11.01%	0.896%
55	19.953	2909	2913	2919	rVB	808234	1205523	53.37%	4.343%
56	20.017	2921	2924	2925	rBV	41821	44606	1.97%	0.161%
57	20.047	2925	2929	2935	rVB	145381	193831	8.58%	0.698%
58	20.141	2939	2945	2950	rBV	1445308	1919755	84.99%	6.916%
59	20.253	2960	2964	2966	rBV2	86264	131307	5.81%	0.473%
60	20.329	2974	2977	2984	rBV3	25696	53790	2.38%	0.194%
61	20.429	2989	2994	3000	rVB2	165489	362601	16.05%	1.306%
62	20.546	3008	3014	3017	rBV3	185055	311681	13.80%	1.123%
63	20.599	3020	3023	3026	rVB2	100683	125752	5.57%	0.453%
64	20.693	3036	3039	3043	rVB	105442	126831	5.62%	0.457%
65	20.740	3043	3047	3051	rBV	47649	92169	4.08%	0.332%
66	20.993	3086	3090	3094	rBV	231619	361685	16.01%	1.303%
67	21.433	3162	3165	3171	rVB2	211336	299475	13.26%	1.079%
68	21.492	3171	3175	3180	rVV2	106411	182469	8.08%	0.657%
69	21.551	3180	3185	3195	rVB2	117255	245296	10.86%	0.884%
70	21.686	3204	3208	3214	rVB	156727	234719	10.39%	0.846%
71	21.815	3224	3230	3237	rBV3	564920	1592637	70.51%	5.738%

LSC Area Percent Report

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Acq On : 20 Apr 2016 11:47
Operator : UM/SJ
Sample : H2589-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EUT01-TU-B2(0-5)-C

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-BG041316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	21.880	3237	3241	3253	rVB	433802	776542	34.38%	2.798%
73	22.039	3264	3268	3274	rVB	68985	105143	4.66%	0.379%
74	24.107	3612	3620	3628	rBV	288118	1037015	45.91%	3.736%
75	24.859	3743	3748	3762	rVB	169637	497007	22.00%	1.791%
76	25.012	3767	3774	3789	rVB	221081	679837	30.10%	2.449%
77	25.170	3794	3801	3808	rBV2	158304	438901	19.43%	1.581%

Sum of corrected areas: 27757509

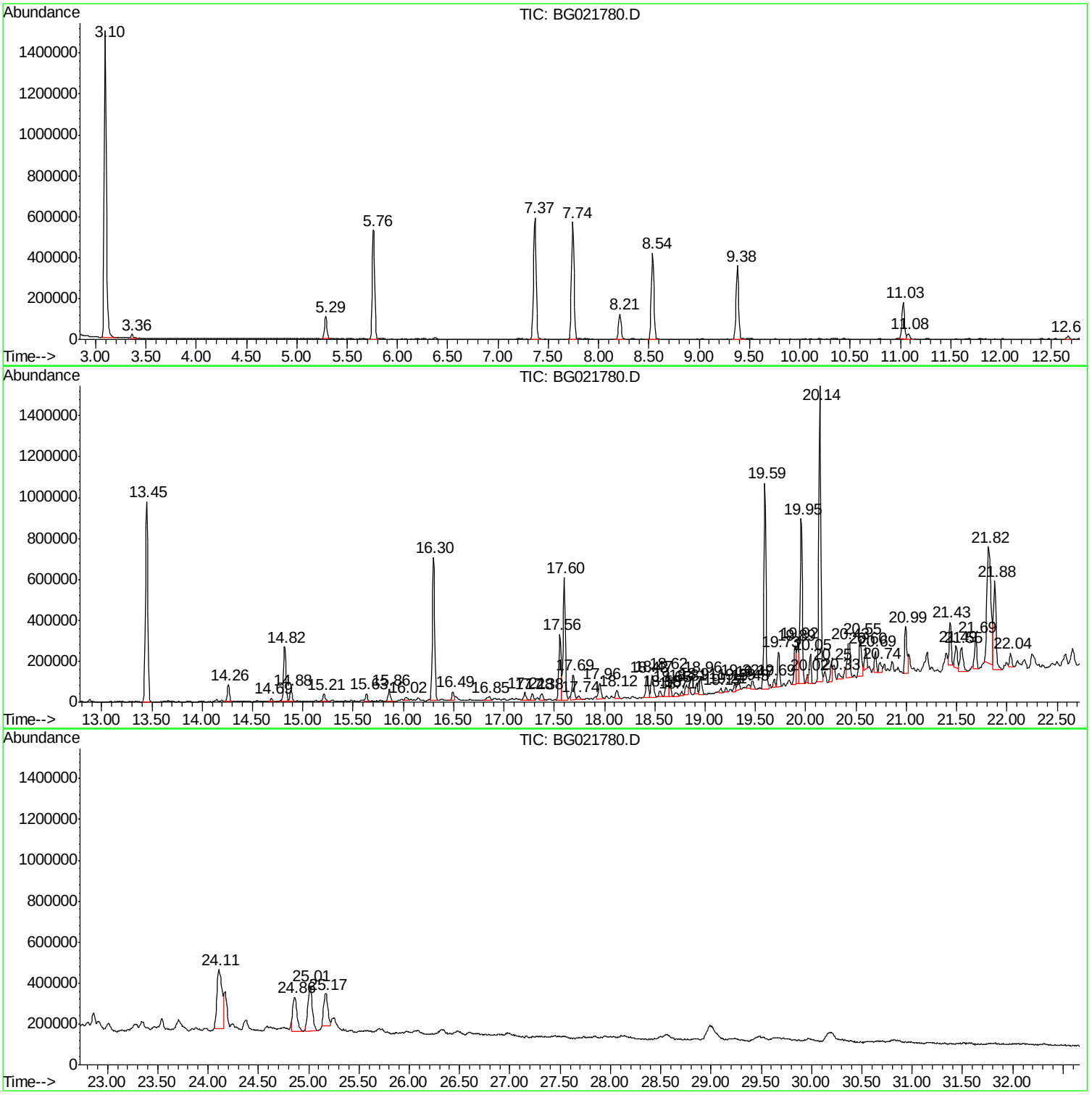
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021780.D
Acq On : 20 Apr 2016 11:47
Operator : UM/SJ
Sample : H2589-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EUT01-TU-B2(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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\BG042116\
Data File : BG021780.D
Acq On : 20 Apr 2016 11:47
Operator : UM/SJ
Sample : H2589-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EUT01-TU-B2(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

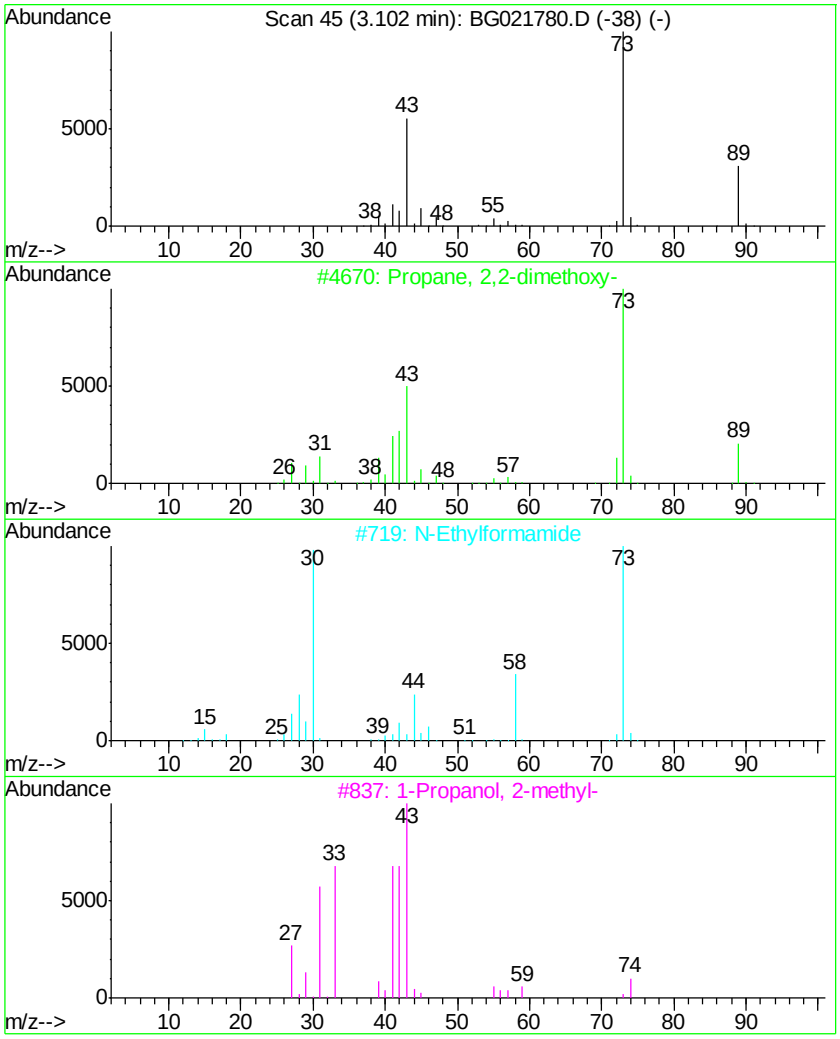
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

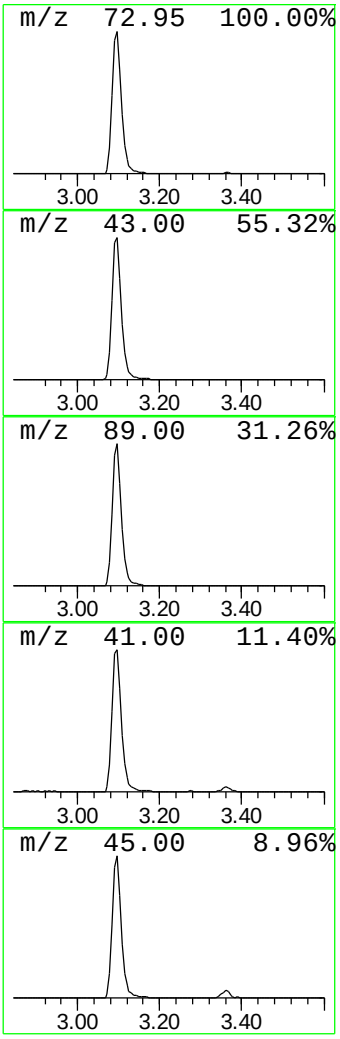
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	209.49 ng	2258690	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021780.D
Acq On : 20 Apr 2016 11:47
Operator : UM/SJ
Sample : H2589-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EUT01-TU-B2(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

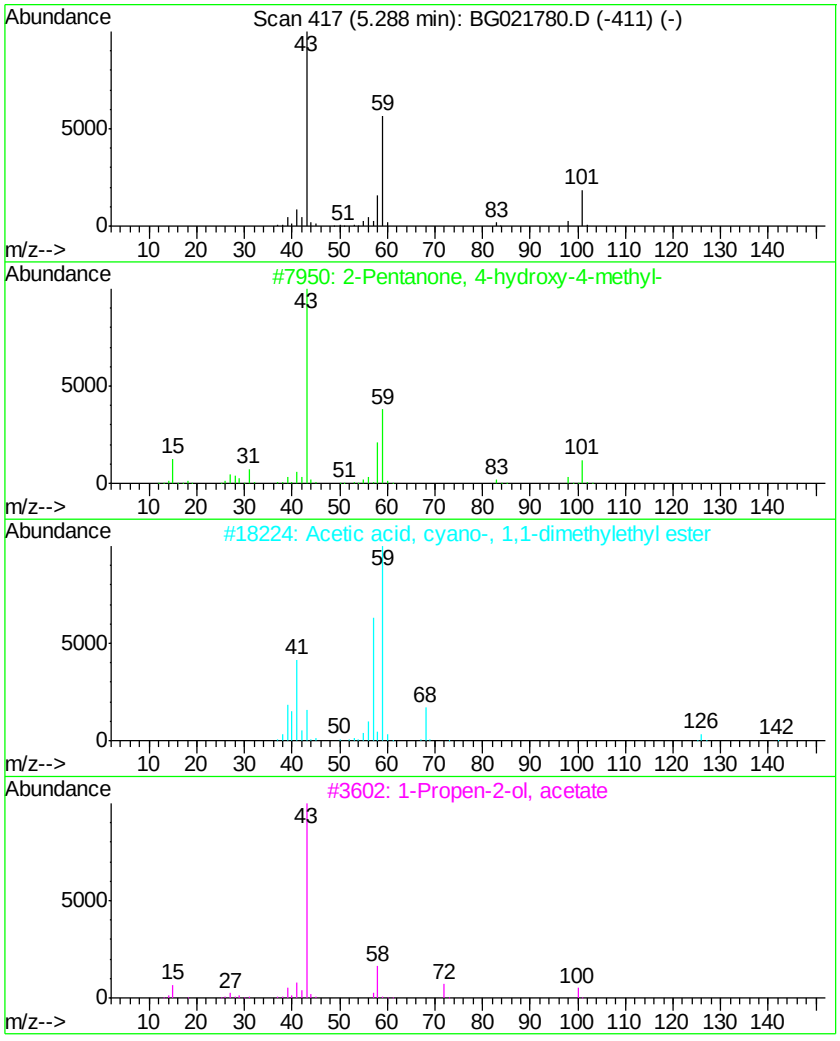
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

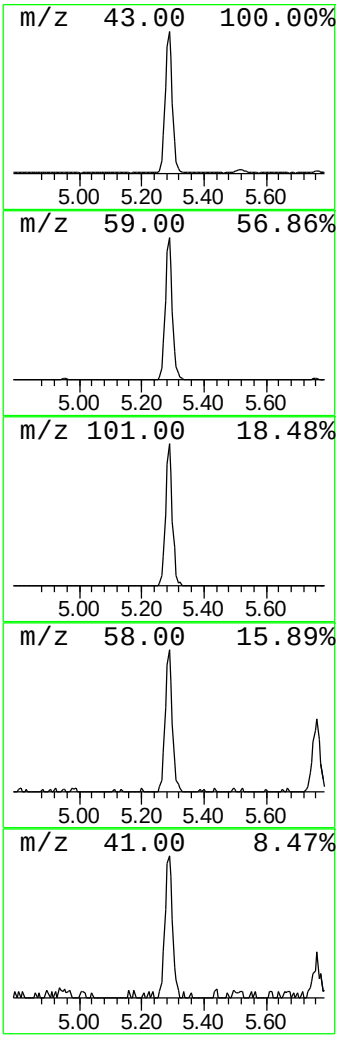
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	16.12 ng	173799	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021780.D
Acq On : 20 Apr 2016 11:47
Operator : UM/SJ
Sample : H2589-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EUT01-TU-B2(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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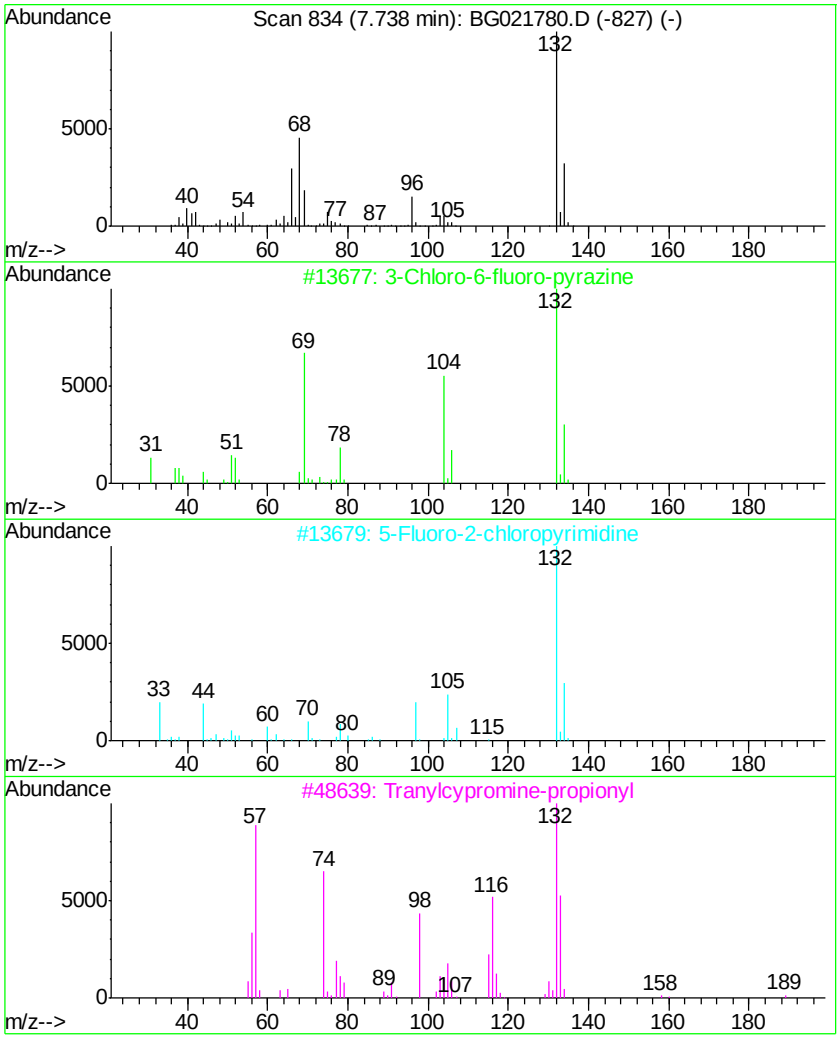
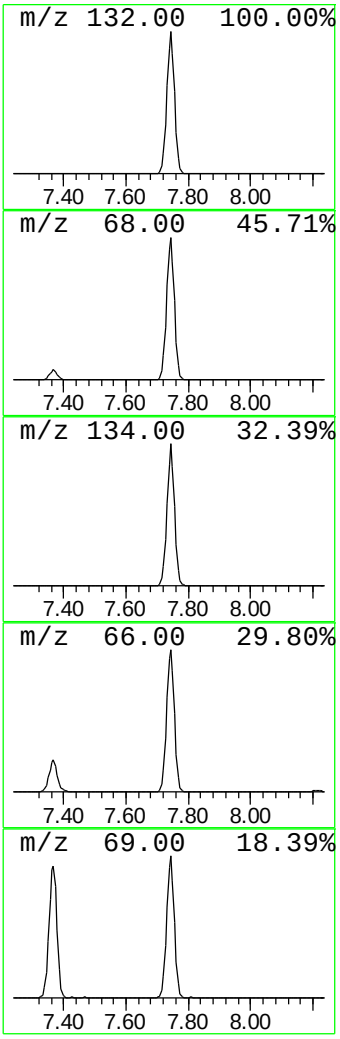
****

Peak Number 3 unknown7.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	93.25 ng	1005370	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Sample : H2589-05
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Instrument : BNA_G
ClientSampleId : EUT01-TU-B2(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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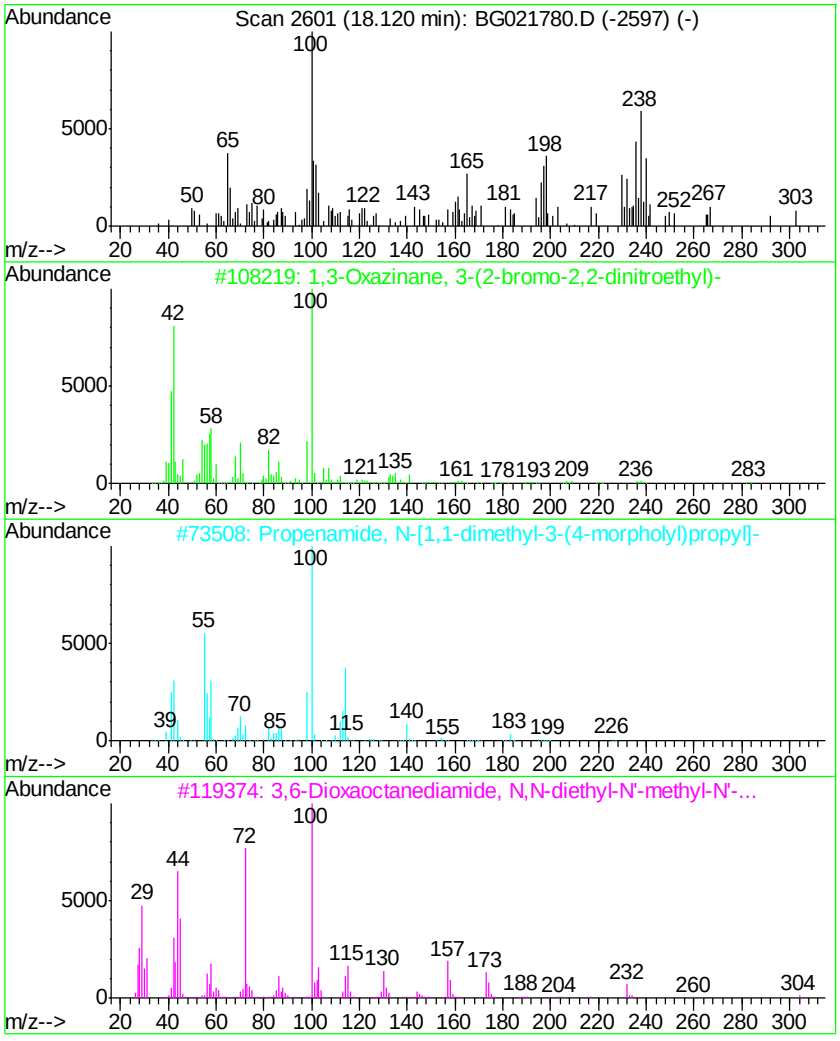
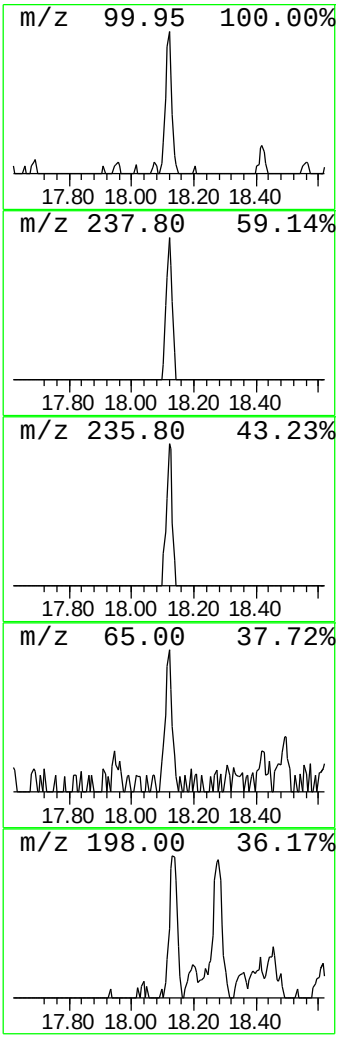
Peak Number 5 unknown18.12 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.82 ng	70183	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxazinane, 3-(2-bromo-2,2-di...	283	C6H10BrN3O5	299922-70-6	22
2	Propenamide, N-[1,1-dimethyl-3-(...	226	C12H22N2O2	143084-52-0	11
3	3,6-Dioxaoctanediamide, N,N-diet...	304	C13H24N2O6	1000196-53-4	11
4	Acetamide, N-(.beta.-hydroxy-.al...	207	C12H17NO2	016413-75-5	10
5	Selenolo[2,3-b][1]benzothiophene	238	C10H6SSe	040197-95-3	10





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Operator : UM/SJ
Sample : H2589-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EUT01-TU-B2(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

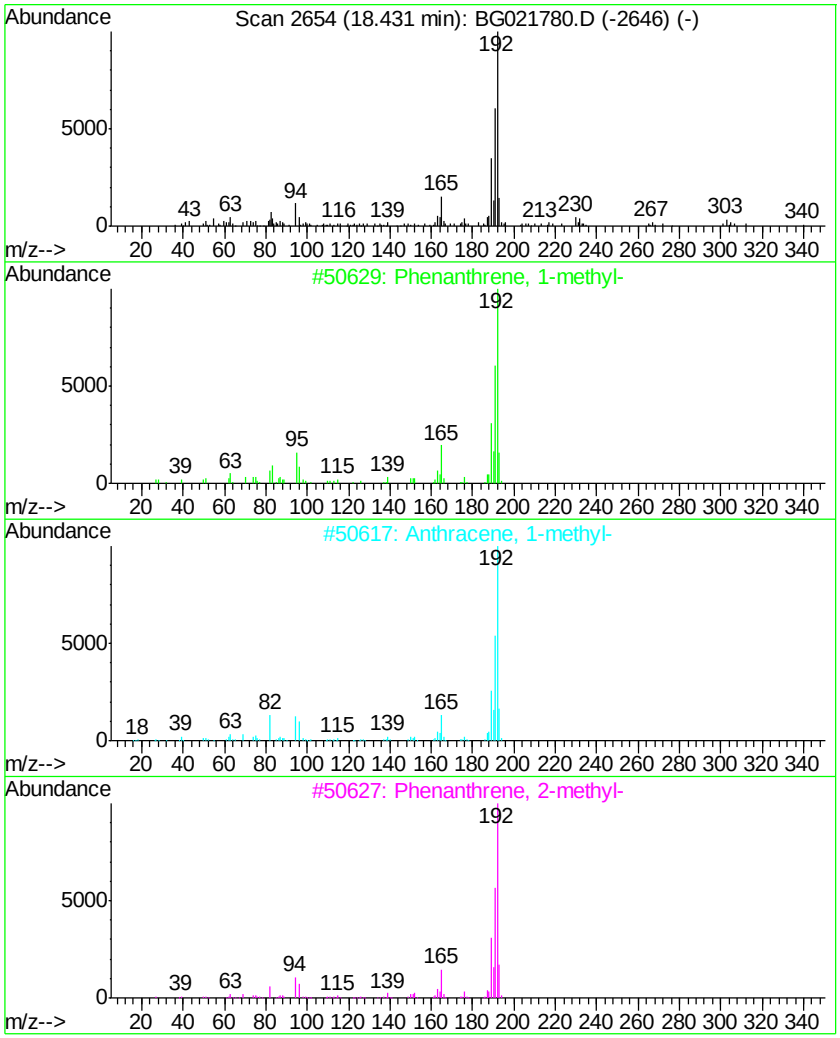
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

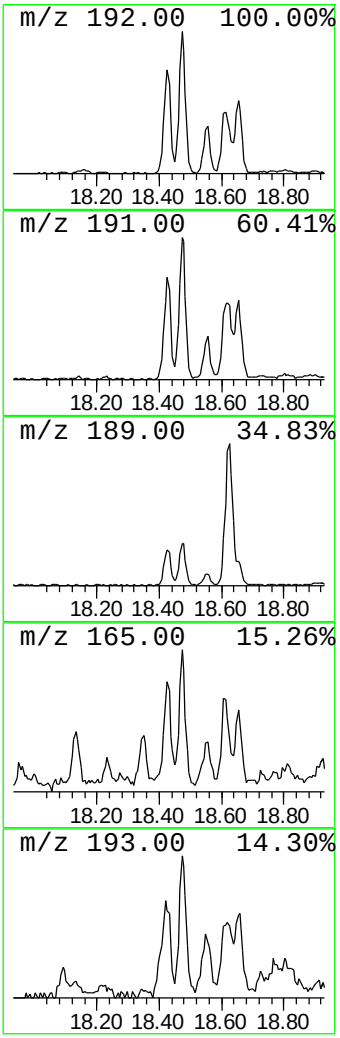
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	7.17 ng	178414	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021780.D
Acq On : 20 Apr 2016 11:47
Operator : UM/SJ
Sample : H2589-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EUT01-TU-B2(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

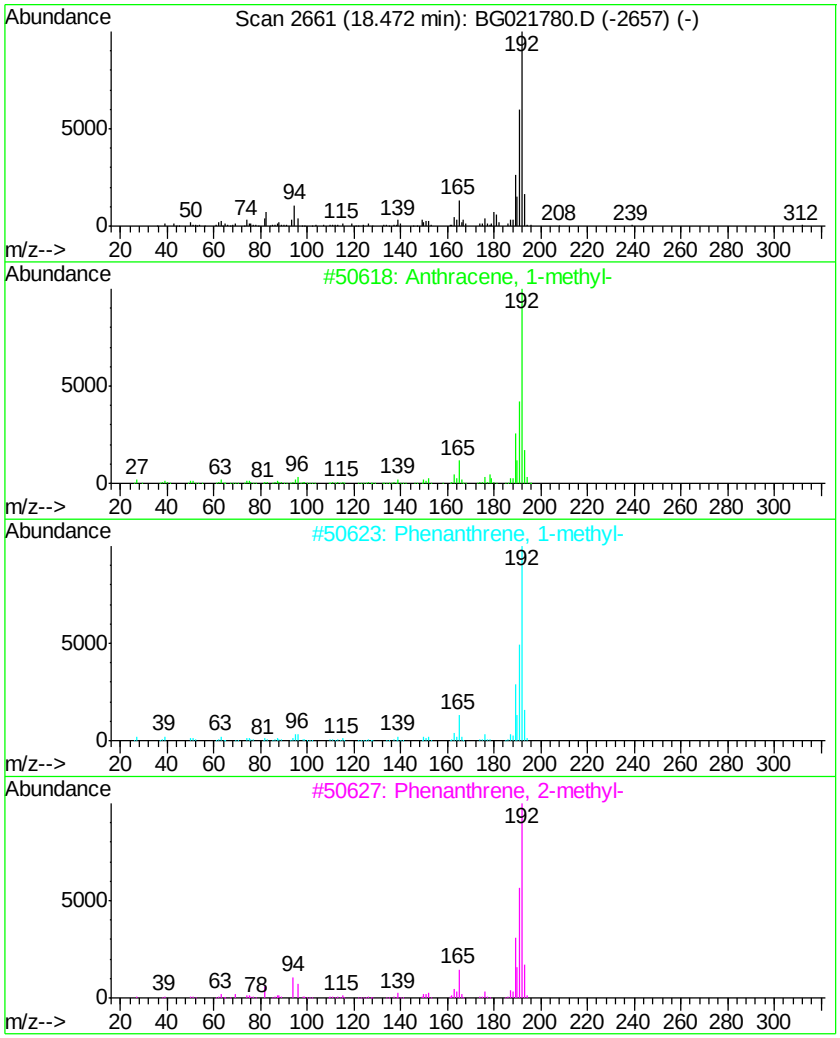
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

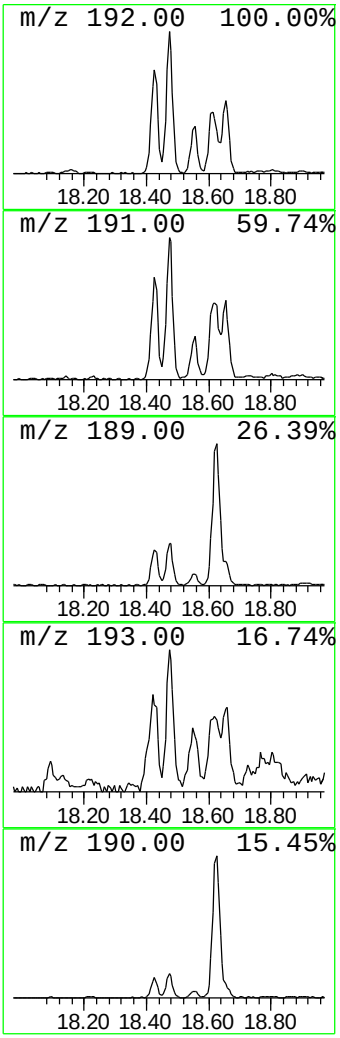
****

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	7.45 ng	185339	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021780.D
Acq On : 20 Apr 2016 11:47
Operator : UM/SJ
Sample : H2589-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EUT01-TU-B2(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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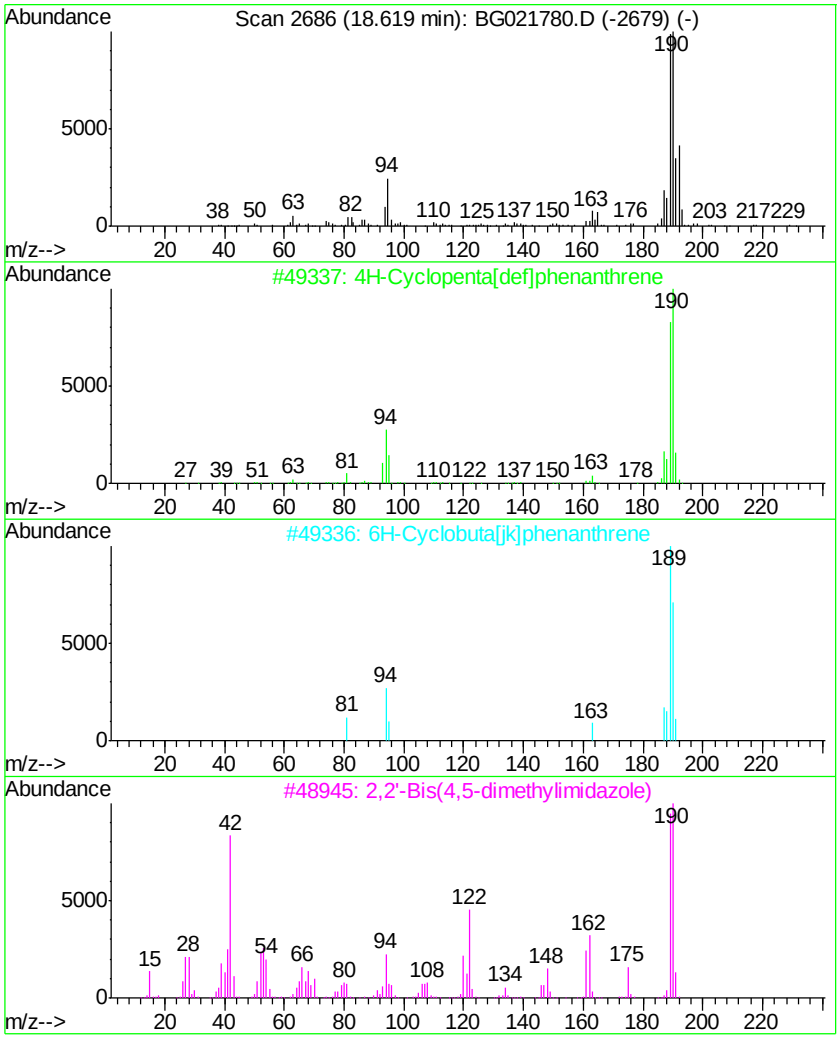
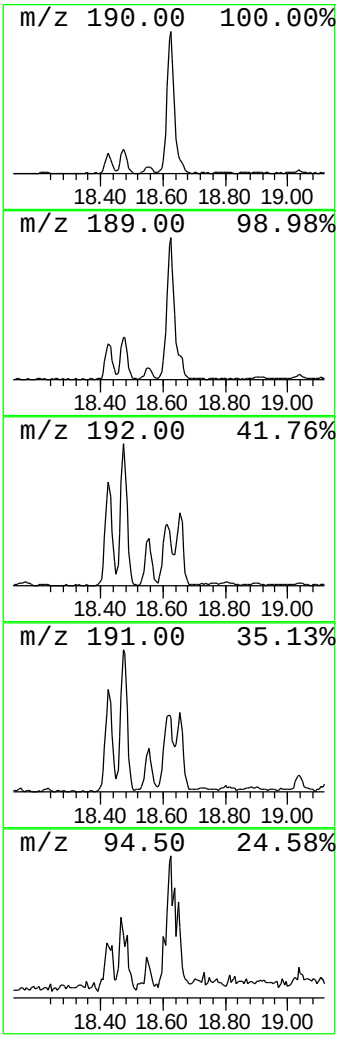
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	9.11 ng	226702	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





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Acq On : 20 Apr 2016 11:47
Operator : UM/SJ
Sample : H2589-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EUT01-TU-B2(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

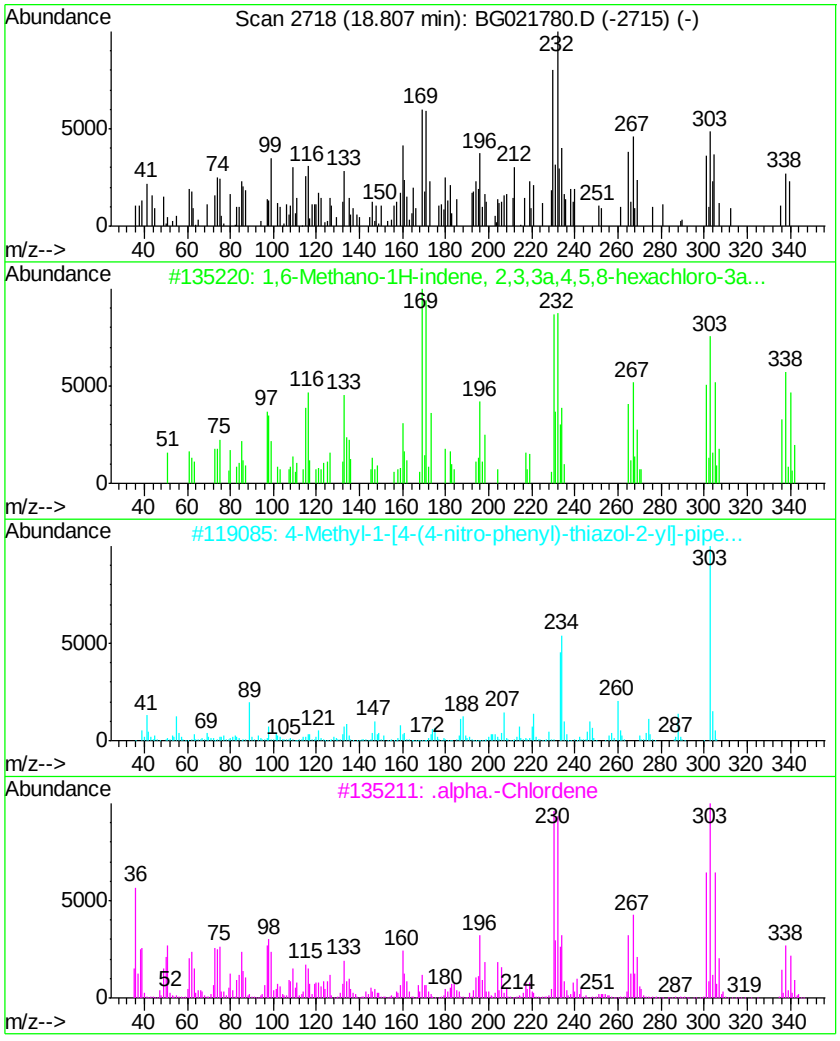
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

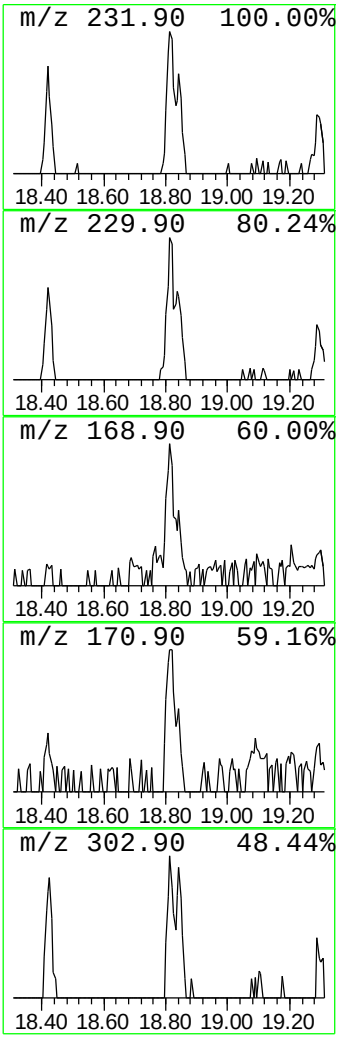
****

Peak Number 9 1,6-Methano-1H-indene, 2,3,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	3.02 ng	75181	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Methano-1H-indene, 2,3,3a,4,...	336	C10H6Cl6	056641-38-4	64
2	4-Methyl-1-[4-(4-nitro-phenyl)-t...	303	C15H17N3O2S	346641-73-4	56
3	.alpha.-Chlordene	336	C10H6Cl6	056534-02-2	53
4	Naphthalene, 2,3,6-trichloro-	230	C10H5Cl3	055720-40-6	45
5	1-Perchloroethenyl-4-ethynylbenzene	230	C10H5Cl3	1000283-76-9	43





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Data File : BG021780.D
Acq On : 20 Apr 2016 11:47
Operator : UM/SJ
Sample : H2589-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EUT01-TU-B2(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

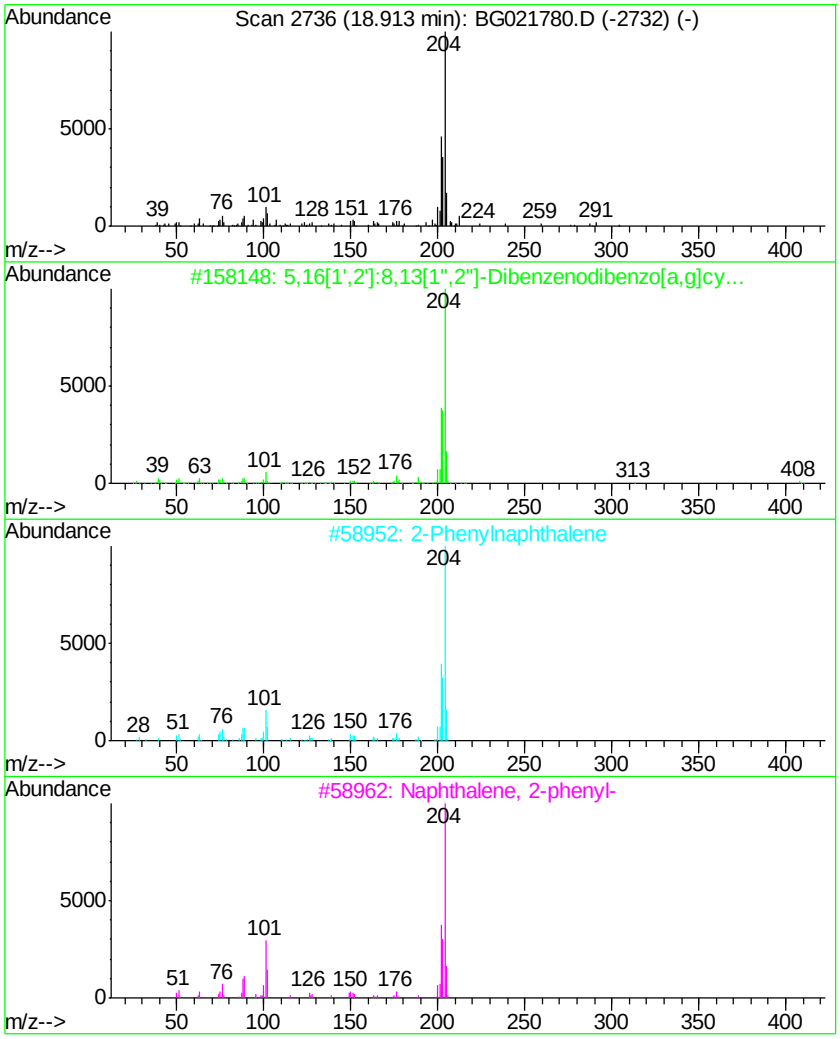
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

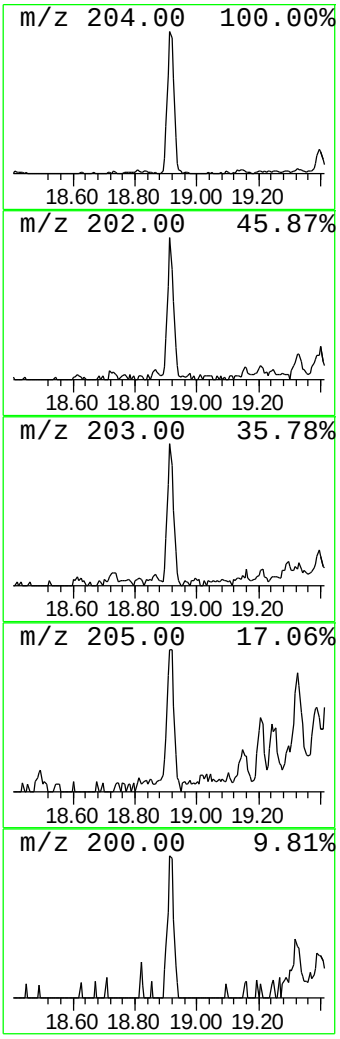
****

Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	3.30 ng	82096	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	83
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49





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Operator : UM/SJ
Sample : H2589-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EUT01-TU-B2(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

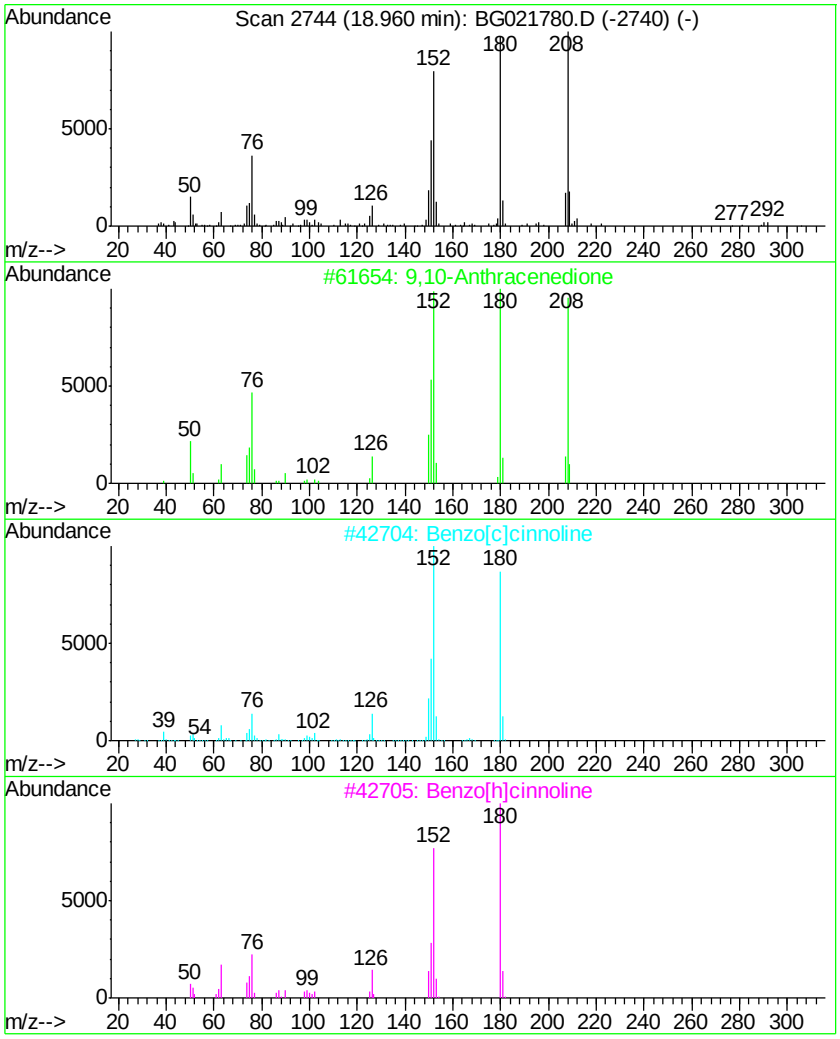
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

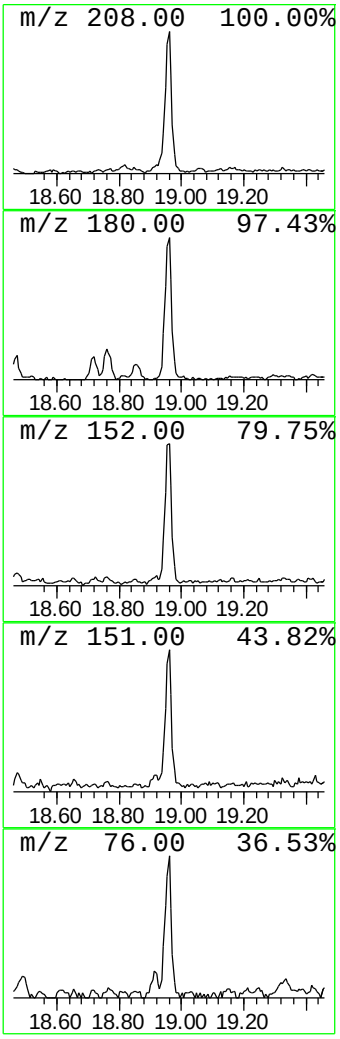
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	5.52 ng	137312	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	58





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Data File : BG021780.D
Acq On : 20 Apr 2016 11:47
Operator : UM/SJ
Sample : H2589-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EUT01-TU-B2(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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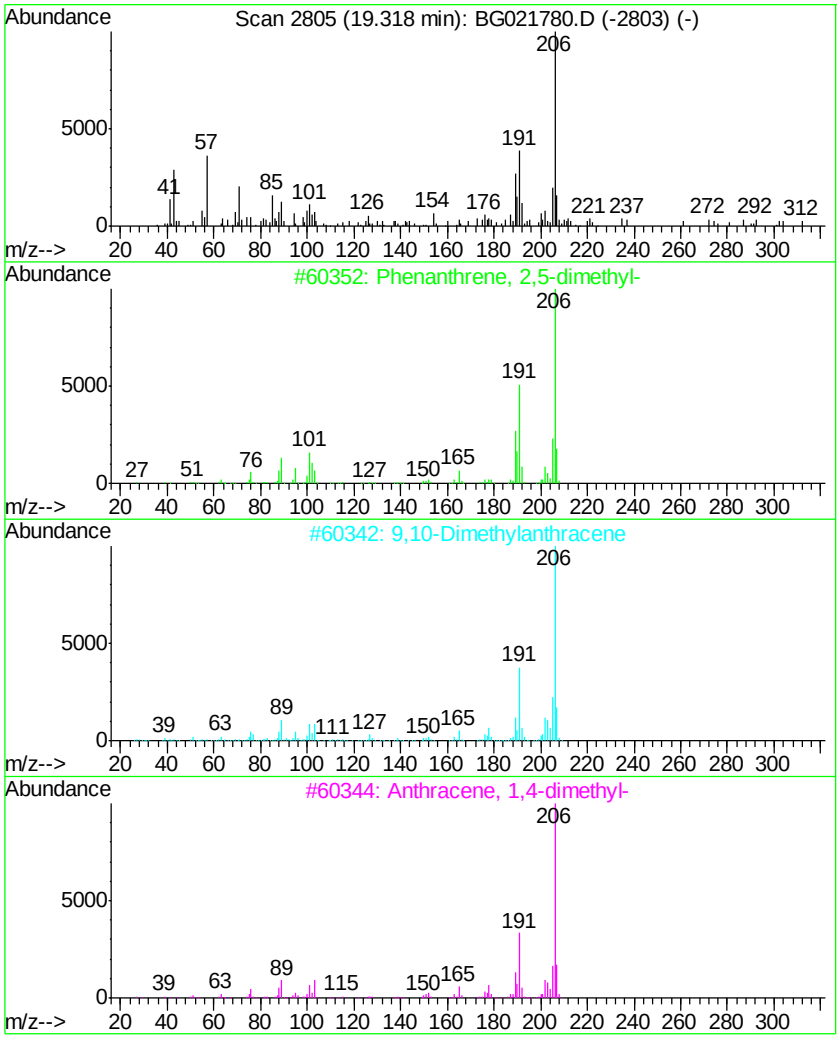
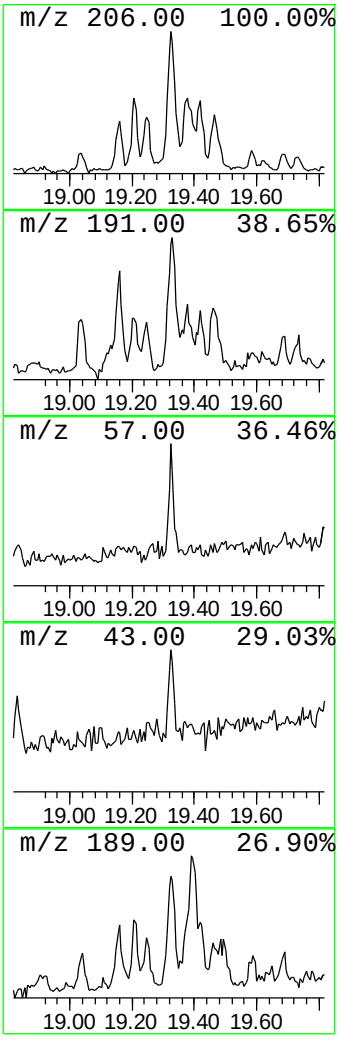
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	3.12 ng	77627	Phenanthrene-d10	17.56

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	89
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	78
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	76





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Acq On : 20 Apr 2016 11:47
Operator : UM/SJ
Sample : H2589-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EUT01-TU-B2(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

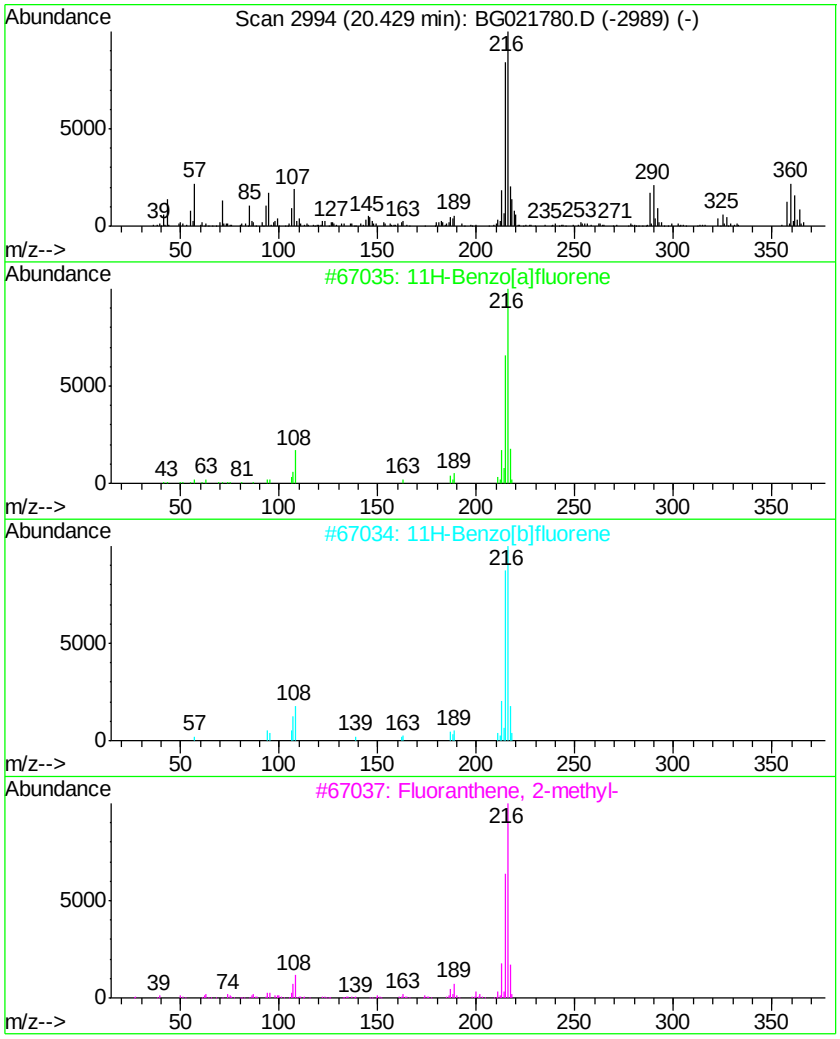
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

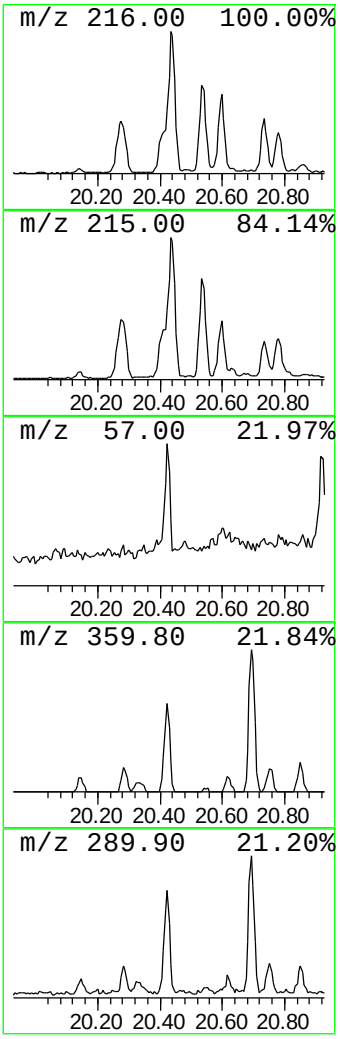
****

Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	4.55 ng	362601	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





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Data File : BG021780.D
Acq On : 20 Apr 2016 11:47
Operator : UM/SJ
Sample : H2589-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EUT01-TU-B2(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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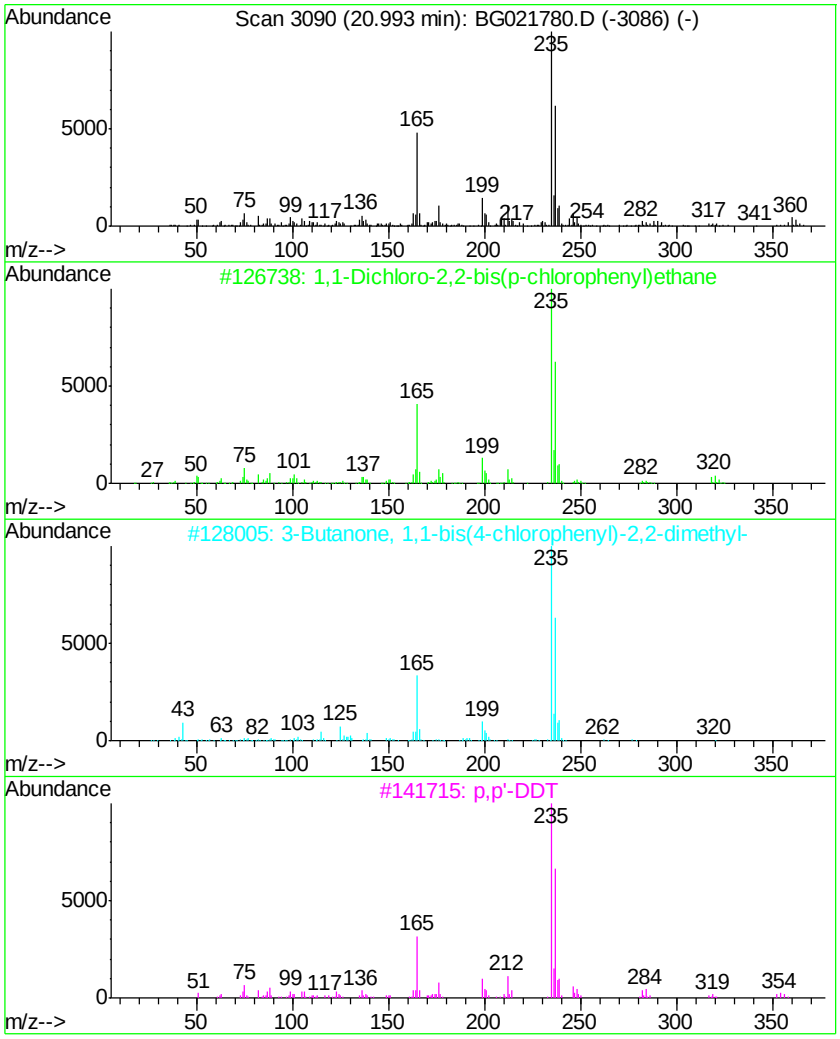
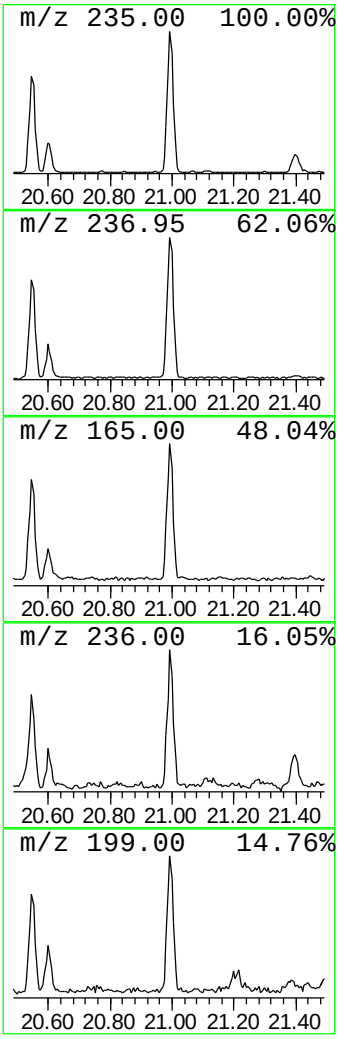
Peak Number 17 1,1-Dichloro-2,2-bis(p-chlo... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	4.54 ng	361685	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	97
2	3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	93
3	p,p'-DDT	352	C14H9Cl5	000050-29-3	93
4	Mitotane	318	C14H10Cl4	000053-19-0	93
5	o,p'-DDT	352	C14H9Cl5	000789-02-6	93





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Sample : H2589-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EUT01-TU-B2(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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TIC Library : C:\DATABASE\NIST02.L
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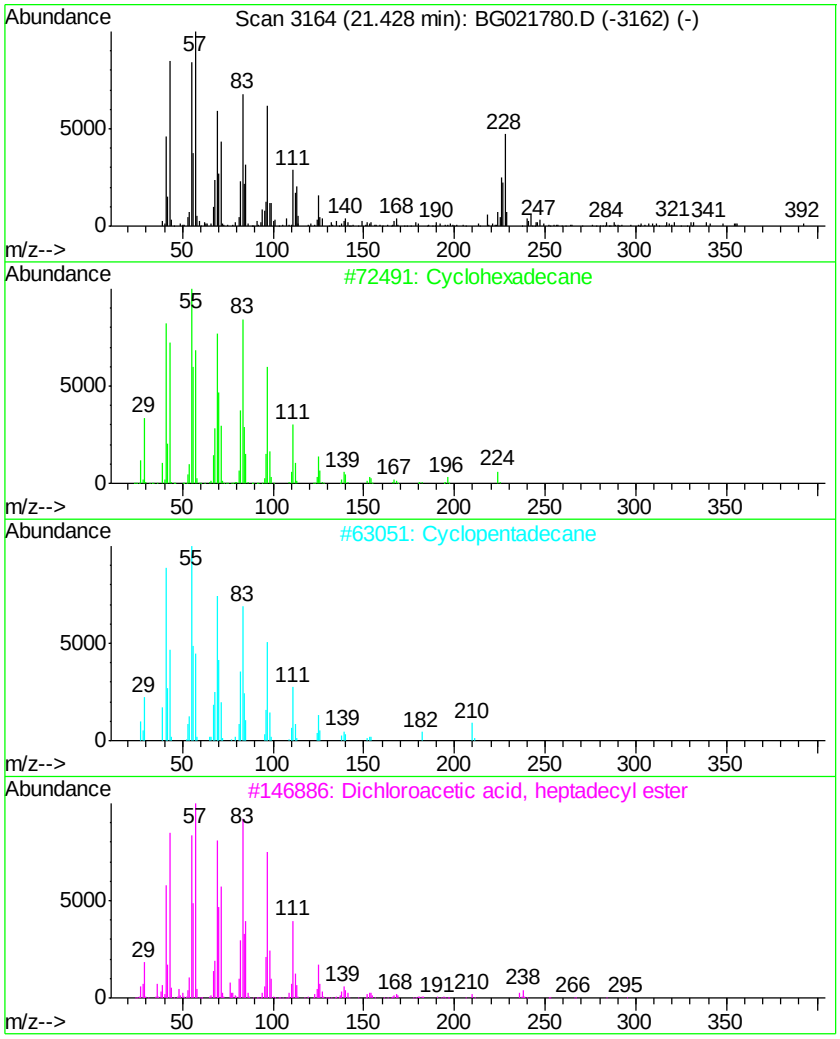
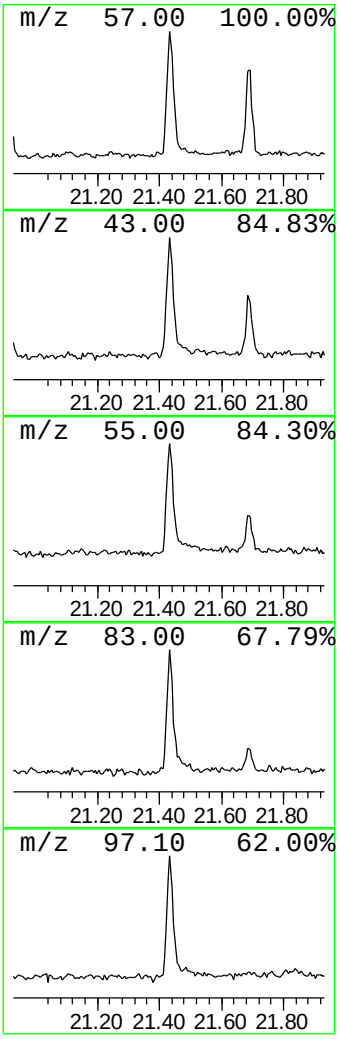
Peak Number 18 Cyclohexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	3.76 ng	299475	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Cyclopentadecane	210	C15H30	000295-48-7	92
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	64
4	Trihexadecyl borate	735	C48H99BO3	002665-11-4	55
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	50





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Instrument : BNA_G
ClientSampleId : EUT01-TU-B2(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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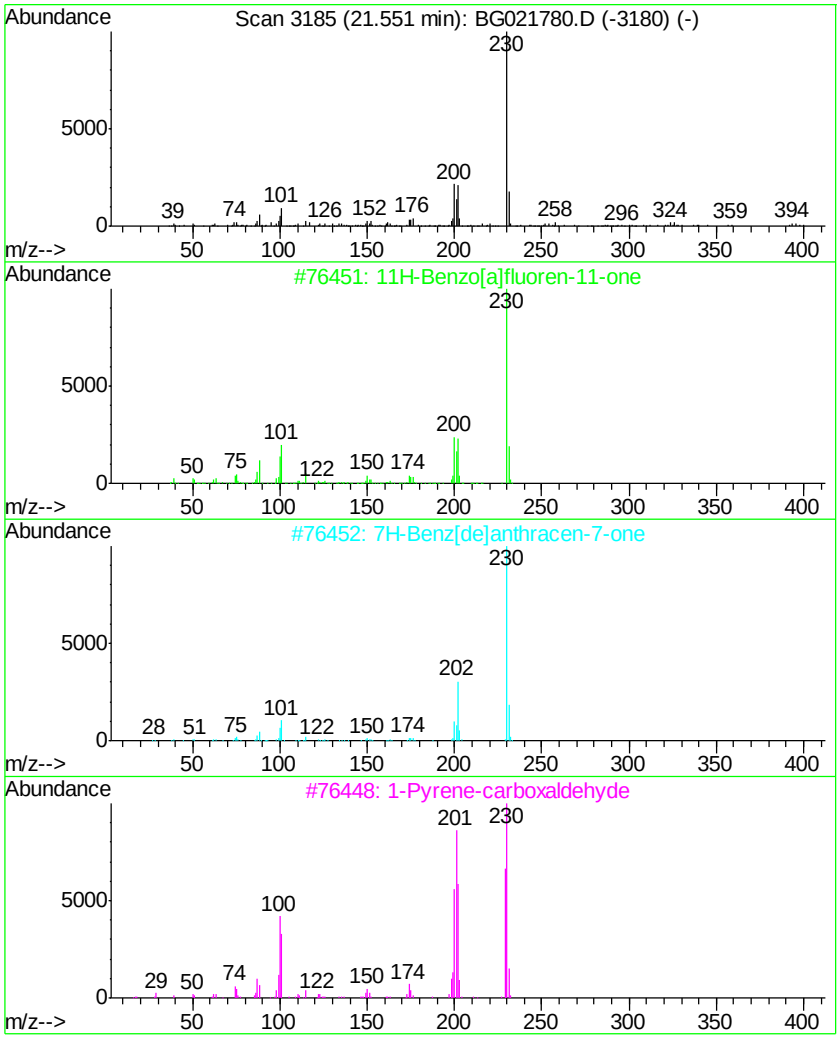
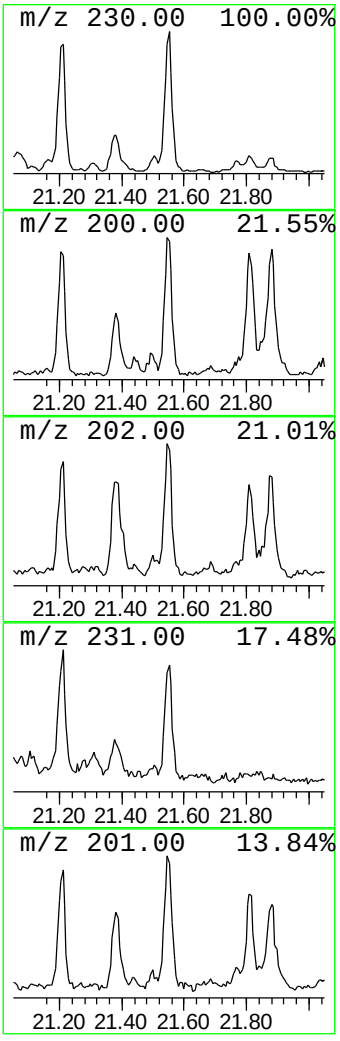
Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	3.08 ng	245296	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	72
4	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	59
5	o-Terphenyl	230	C18H14	000084-15-1	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
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Operator : UM/SJ
Sample : H2589-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EUT01-TU-B2(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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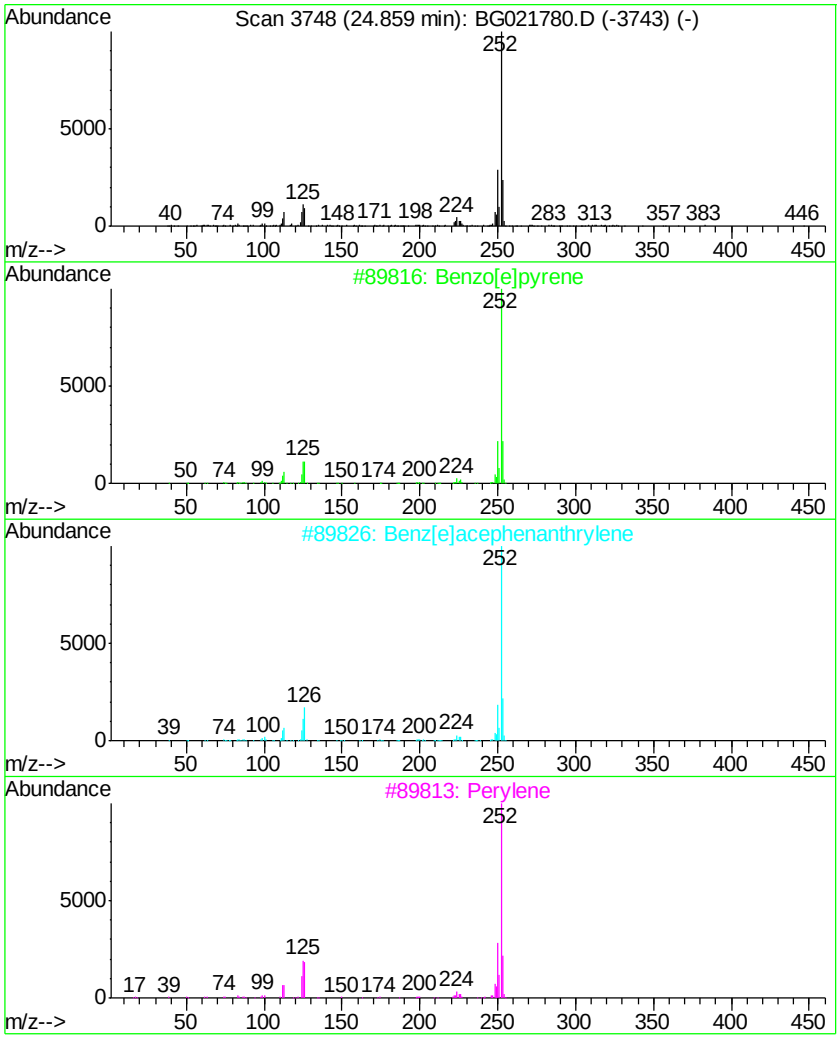
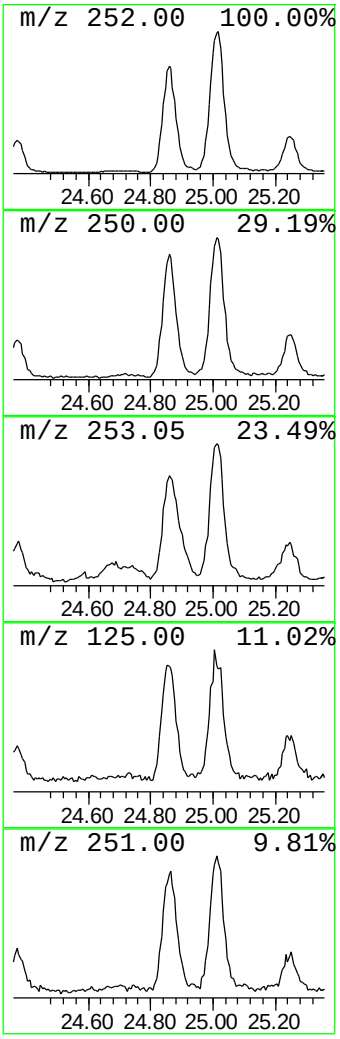
Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.86	22.65 ng	497007	Perylene-d12	25.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Tentatively Identified Compound (LSC) summary

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Data File : BG021780.D
Acq On : 20 Apr 2016 11:47
Operator : UM/SJ
Sample : H2589-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EUT01-TU-B2(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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
Propane, 2,2-dime...	3.10	209.5	ng	2258690	1	8.21	215638	20.0
2-Pentanone, 4-hy...	5.29	16.1	ng	173799	1	8.21	215638	20.0
unknown7.74	7.74	93.3	ng	1005370	1	8.21	215638	20.0
unknown18.12	18.12	2.8	ng	70183	4	17.56	497528	20.0
Phenanthrene, 1-m...	18.43	7.2	ng	178414	4	17.56	497528	20.0
Anthracene, 1-met...	18.47	7.5	ng	185339	4	17.56	497528	20.0
4H-Cyclopenta[def...	18.62	9.1	ng	226702	4	17.56	497528	20.0
1,6-Methano-1H-in...	18.81	3.0	ng	75181	4	17.56	497528	20.0
5,16[1',2']:8,13[...	18.91	3.3	ng	82096	4	17.56	497528	20.0
9,10-Anthracenedione	18.96	5.5	ng	137312	4	17.56	497528	20.0
Phenanthrene, 2,5...	19.32	3.1	ng	77627	4	17.56	497528	20.0
11H-Benzo[a]fluorene	20.43	4.5	ng	362601	5	21.83	1592640	20.0
1,1-Dichloro-2,2-...	20.99	4.5	ng	361685	5	21.83	1592640	20.0
Cyclohexadecane	21.43	3.8	ng	299475	5	21.83	1592640	20.0
11H-Benzo[a]fluor...	21.55	3.1	ng	245296	5	21.83	1592640	20.0
Benzo[e]pyrene	24.86	22.6	ng	497007	6	25.17	438901	20.0