LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021682.D
Acq On : 15 Apr 2016 11:22
Operator : UM/SJ
Sample : H2055-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH-12(5-9)

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	3.108	40	46	64	rVB	2749842	4368395	100.00%	14.301%
2	3.372	87	91	103	rVB	28360	46404	1.06%	0.152%
3	5.299	411	419	428	rBV	103031	166628	3.81%	0.546%
4	5.769	491	499	509	rBV	741051	1259994	28.84%	4.125%
5	7.368	762	771	783	rBV	958142	1699017	38.89%	5.562%
6	7.750	827	836	844	rBV	884428	1535291	35.15%	5.026%
7	8.214	906	915	921	rBV	200150	354572	8.12%	1.161%
8	8.543	962	971	981	rBV	630263	1111019	25.43%	3.637%
9	9.383	1106	1114	1124	rBV	579311	1059238	24.25%	3.468%
10	11.034	1388	1395	1401	rBV	289491	536802	12.29%	1.757%
11	13.449	1798	1806	1814	rVB	1240818	1987810	45.50%	6.508%
12	14.265	1939	1945	1953	rBV	133021	200121	4.58%	0.655%
13	14.824	2028	2040	2046	rVV2	427844	722149	16.53%	2.364%
14	14.882	2046	2050	2057	rVB	60017	95486	2.19%	0.313%
15	15.211	2099	2106	2110	rBV	29687	54238	1.24%	0.178%
16	15.640	2174	2179	2183	rVB	57781	76565	1.75%	0.251%
17	15.858	2210	2216	2223	rVB2	49510	82018	1.88%	0.269%
18	16.298	2285	2291	2299	rVB	637716	967602	22.15%	3.168%
19	16.498	2320	2325	2334	rBV	60794	119209	2.73%	0.390%
20	17.285	2454	2459	2465	rBV3	42399	68609	1.57%	0.225%
21	17.556	2497	2505	2509	rBV2	509494	829928	19.00%	2.717%
22	17.597	2509	2512	2518	rVV	534644	775400	17.75%	2.539%
23	17.685	2518	2527	2533	rVV2	104728	175387	4.01%	0.574%
24	17.949	2564	2572	2580	rBV2	57175	104078	2.38%	0.341%
25	18.425	2647	2653	2657	rBV	85207	135729	3.11%	0.444%
26	18.472	2657	2661	2669	rVB	96805	147889	3.39%	0.484%
27	18.549	2669	2674	2680	rBV	32242	52198	1.19%	0.171%
28	18.619	2680	2686	2690	rBV2	99853	206852	4.74%	0.677%
29	18.654	2690	2692	2697	rVB	55752	60997	1.40%	0.200%
30	18.913	2731	2736	2739	rBV	48289	71444	1.64%	0.234%
31	18.954	2739	2743	2750	rVB2	51782	81825	1.87%	0.268%
32	19.330	2802	2807	2812	rBV3	53033	98782	2.26%	0.323%
33	19.465	2825	2830	2838	rVB3	39664	69813	1.60%	0.229%
34	19.589	2845	2851	2857	rBV	702870	1049368	24.02%	3.435%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021682.D
Acq On : 15 Apr 2016 11:22
Operator : UM/SJ
Sample : H2055-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH-12(5-9)

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	19.824	2887	2891	2901	rVB3	113478	171659	3.93%	0.562%
36	19.953	2901	2913	2919	rBV	644600	1209313	27.68%	3.959%
37	20.012	2919	2923	2928	rVB3	38673	61500	1.41%	0.201%
38	20.141	2938	2945	2950	rBV	1702358	2233457	51.13%	7.312%
39	20.276	2960	2968	2973	rBV3	51730	144200	3.30%	0.472%
40	20.429	2991	2994	2999	rVB2	111448	165952	3.80%	0.543%
41	20.535	3008	3012	3016	rBV2	38016	53172	1.22%	0.174%
42	20.593	3016	3022	3026	rBV2	61507	113812	2.61%	0.373%
43	20.670	3031	3035	3041	rVB	75649	103309	2.36%	0.338%
44	20.734	3042	3046	3049	rVV	40095	52343	1.20%	0.171%
45	20.781	3050	3054	3055	rVV2	57202	71740	1.64%	0.235%
46	20.811	3056	3059	3064	rVV	192996	249853	5.72%	0.818%
47	20.864	3064	3068	3075	rVB2	80409	109352	2.50%	0.358%
48	20.928	3075	3079	3083	rBV2	52259	63810	1.46%	0.209%
49	21.198	3122	3125	3131	rBV	52669	75346	1.72%	0.247%
50	21.398	3150	3159	3162	rBV2	58108	149522	3.42%	0.490%
51	21.445	3162	3167	3171	rBV	196884	304486	6.97%	0.997%
52	21.545	3180	3184	3190	rVB2	61542	110355	2.53%	0.361%
53	21.698	3206	3210	3215	rVB2	94783	137509	3.15%	0.450%
54	21.827	3223	3232	3237	rBV2	622518	1589066	36.38%	5.202%
55	21.874	3237	3240	3247	rVB	299354	476135	10.90%	1.559%
56	24.095	3610	3618	3626	rBV	213130	740230	16.95%	2.423%
57	24.847	3740	3746	3757	rVB2	130584	371874	8.51%	1.217%
58	25.000	3765	3772	3786	rVB2	171073	500385	11.45%	1.638%
59	25.164	3790	3800	3808	rBV2	293948	915999	20.97%	2.999%

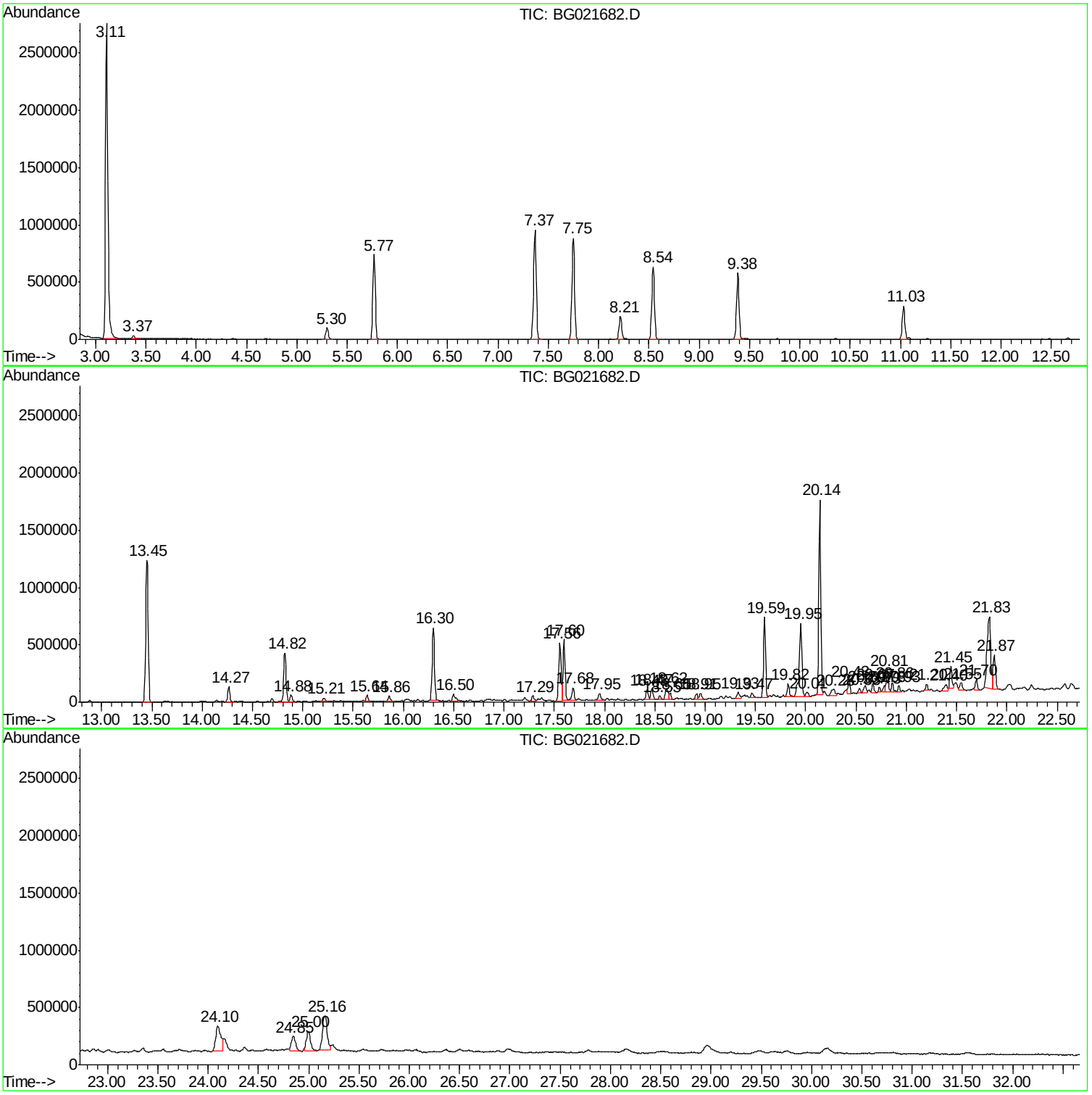
Sum of corrected areas: 30545236

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021682.D
Acq On : 15 Apr 2016 11:22
Operator : UM/SJ
Sample : H2055-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH-12(5-9)

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021682.D
Acq On : 15 Apr 2016 11:22
Operator : UM/SJ
Sample : H2055-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH-12(5-9)

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

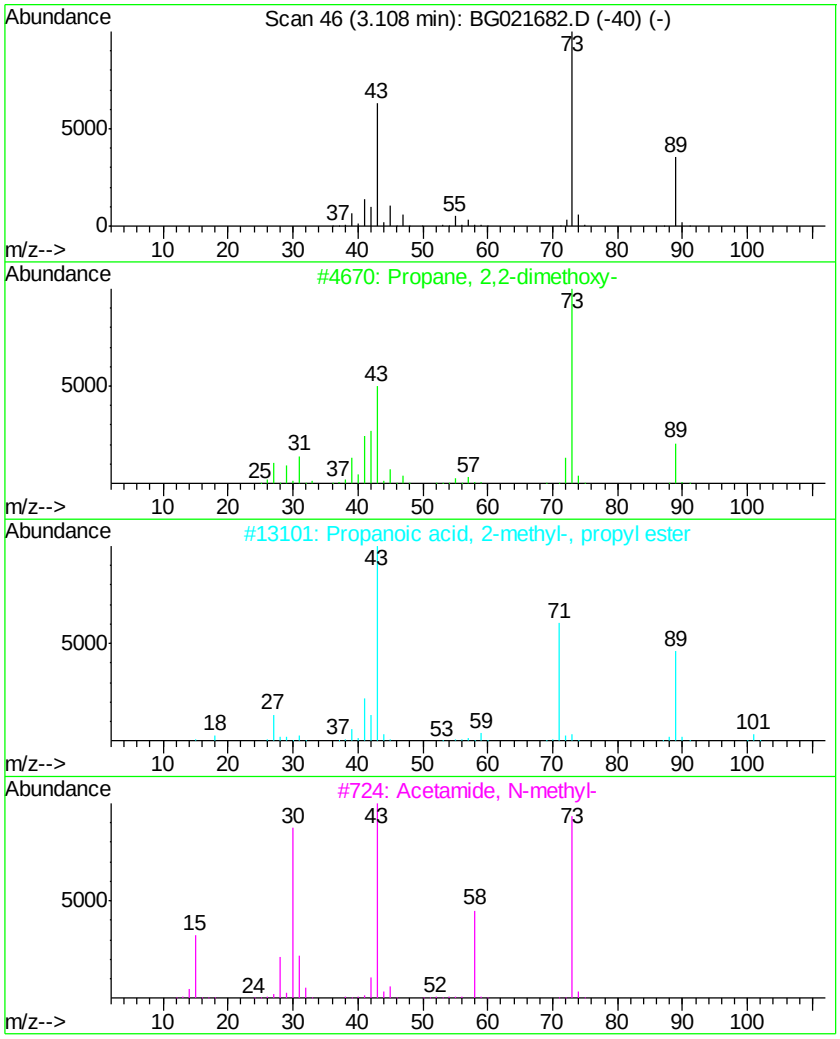
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

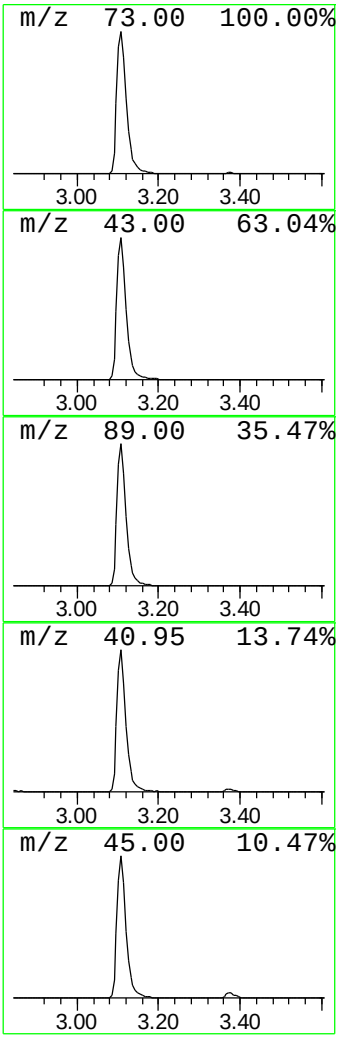
****

Peak Number 1 unknown3.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.11	246.40 ng	4368400	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	16
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021682.D
Acq On : 15 Apr 2016 11:22
Operator : UM/SJ
Sample : H2055-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH-12(5-9)

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

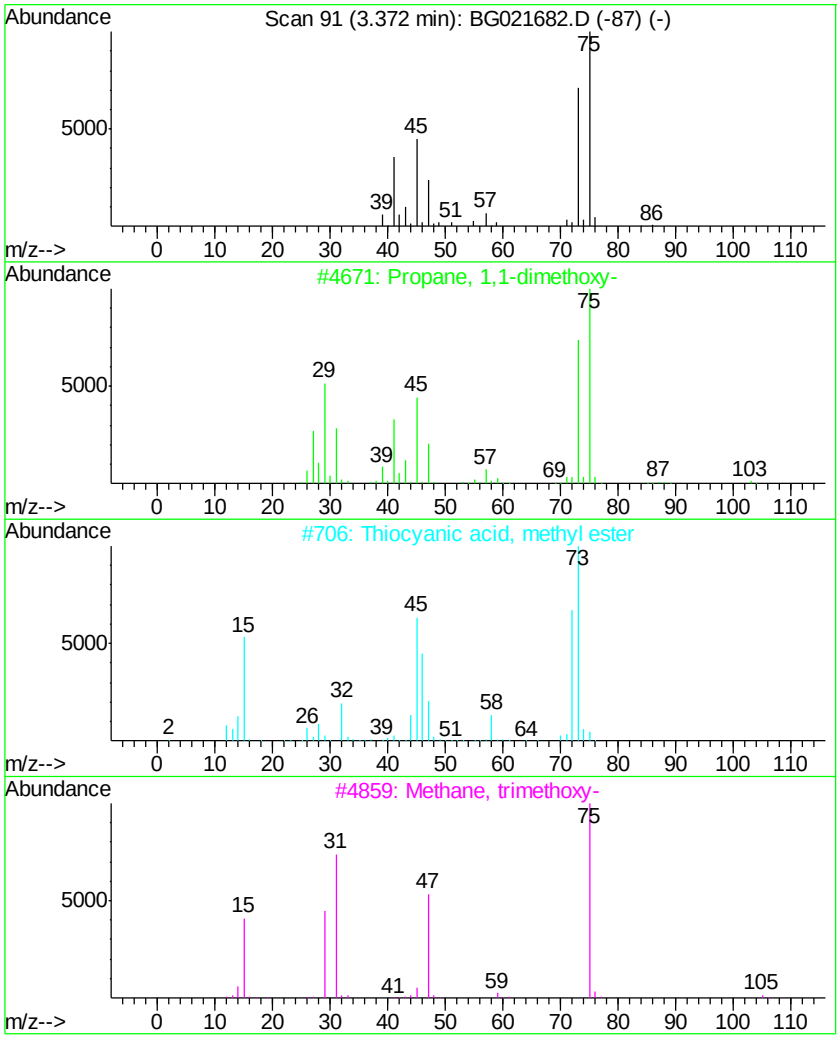
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

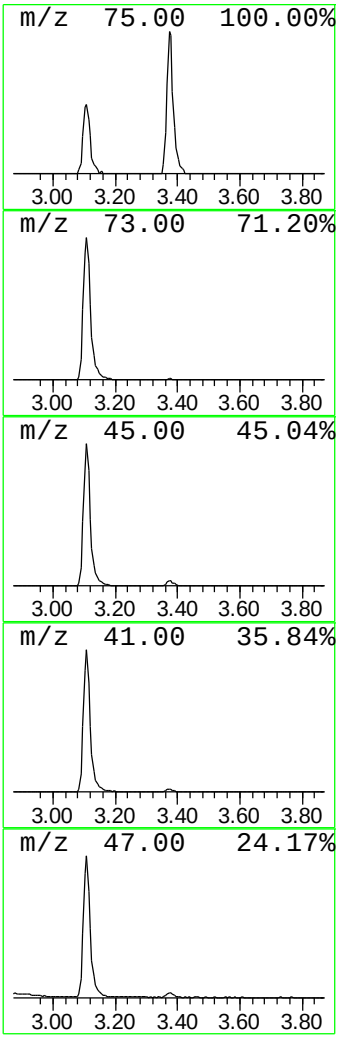
****

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.37	2.62 ng	46404	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	74
2	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9
3	Methane, trimethoxy-	106	C4H10O3	000149-73-5	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	2,2'-Bi-1,3-dioxolane	146	C6H10O4	006705-89-1	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021682.D
Acq On : 15 Apr 2016 11:22
Operator : UM/SJ
Sample : H2055-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH-12(5-9)

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

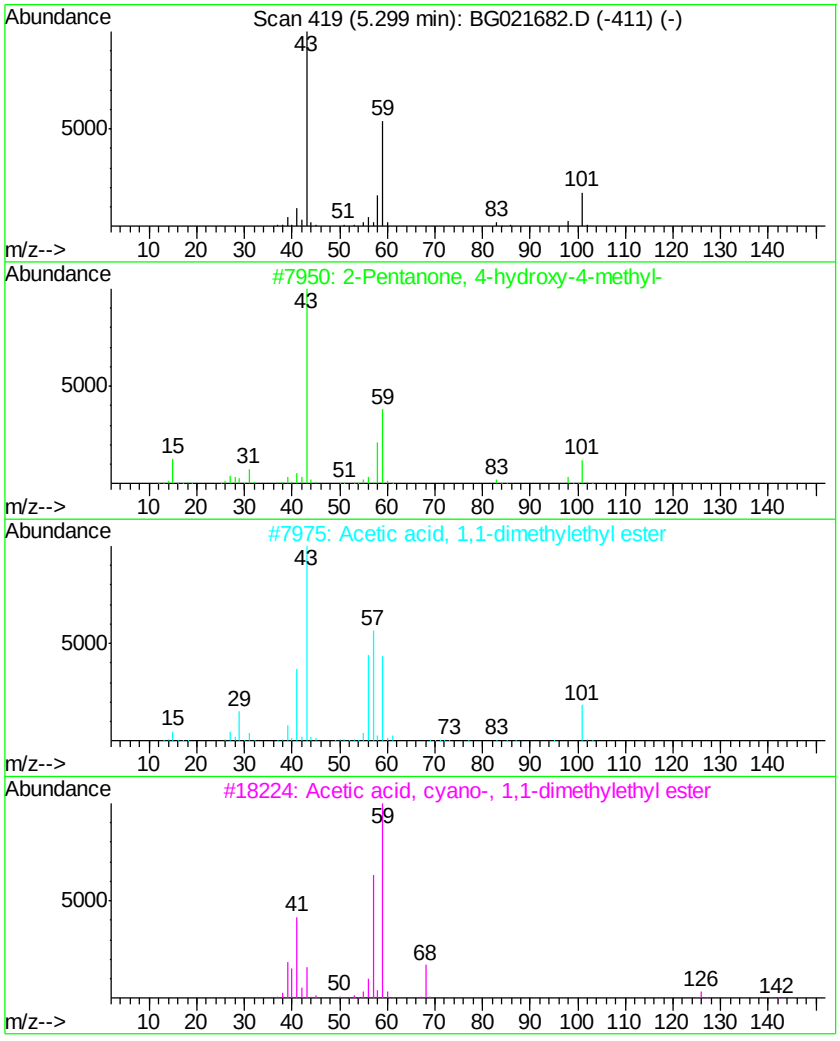
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

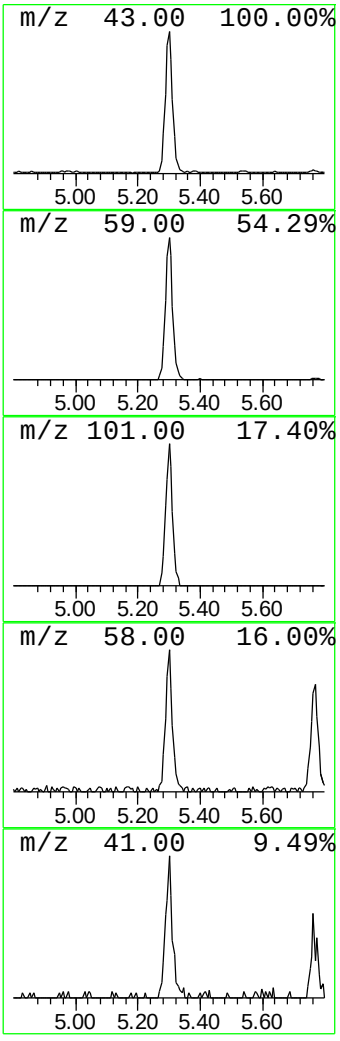
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.30	9.40 ng	166628	1,4-Dichlorobenzene-d4	8.22

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021682.D
Acq On : 15 Apr 2016 11:22
Operator : UM/SJ
Sample : H2055-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH-12(5-9)

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

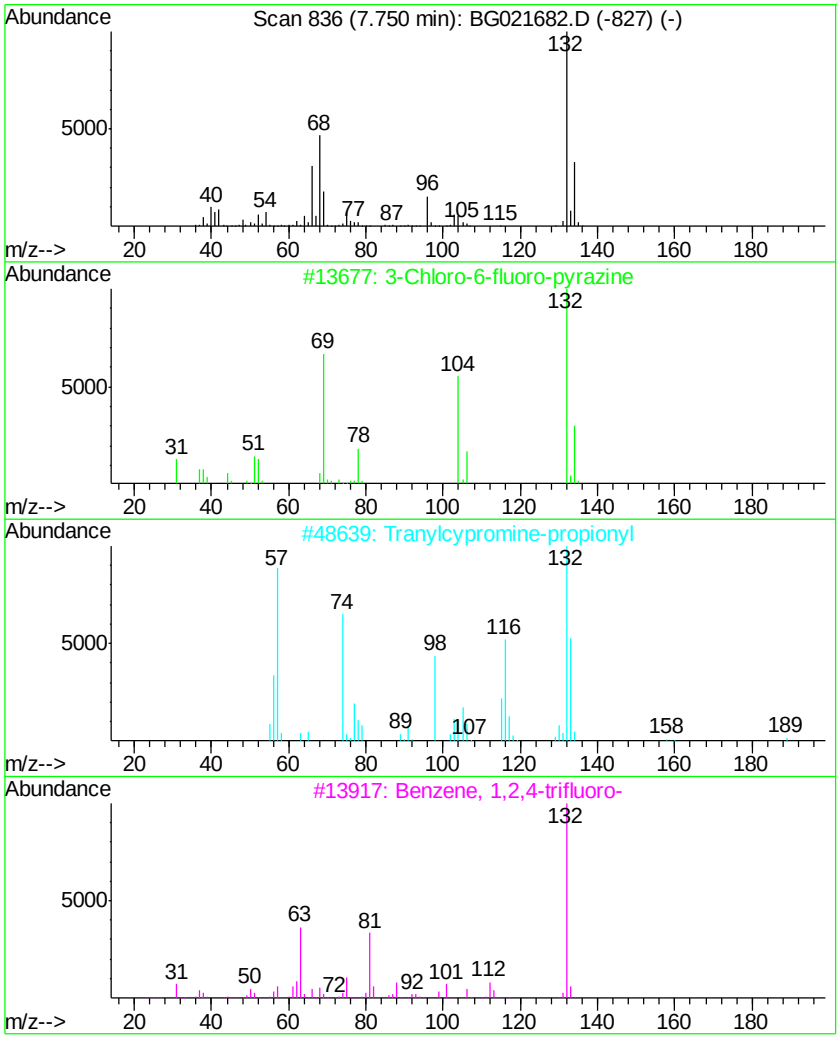
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

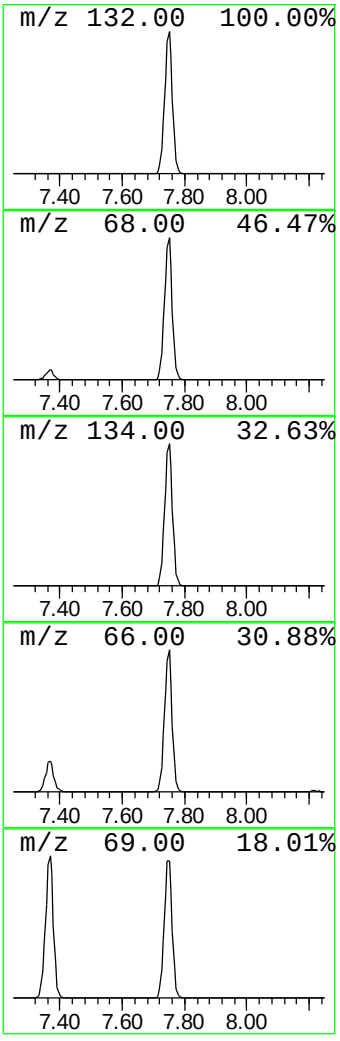
****

Peak Number 4 unknown7.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	86.60 ng	1535290	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021682.D
Acq On : 15 Apr 2016 11:22
Operator : UM/SJ
Sample : H2055-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH-12(5-9)

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

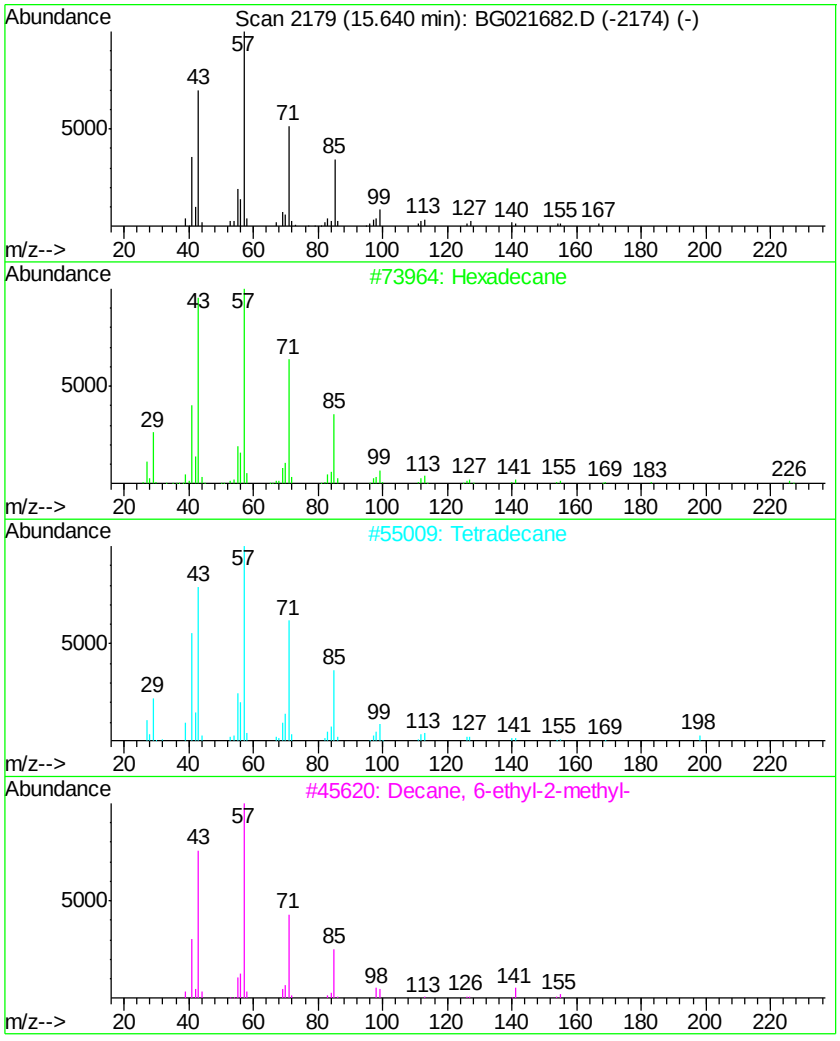
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

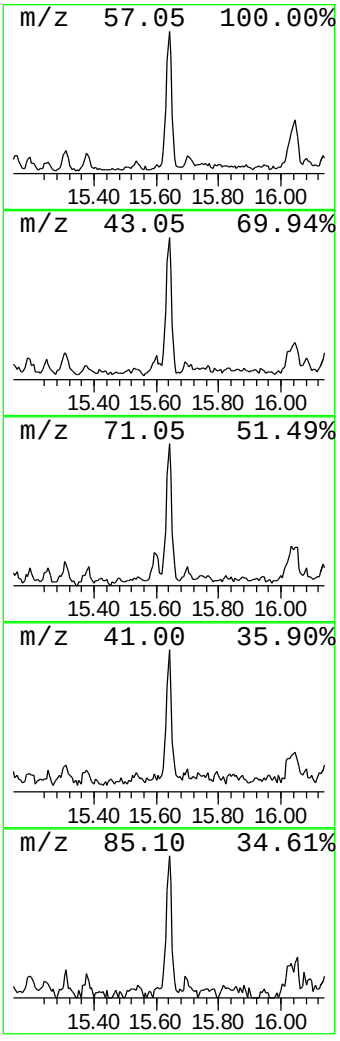
****

Peak Number 6 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.12 ng	76565	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
4	Eicosane	282	C20H42	000112-95-8	78
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021682.D
Acq On : 15 Apr 2016 11:22
Operator : UM/SJ
Sample : H2055-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH-12(5-9)

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

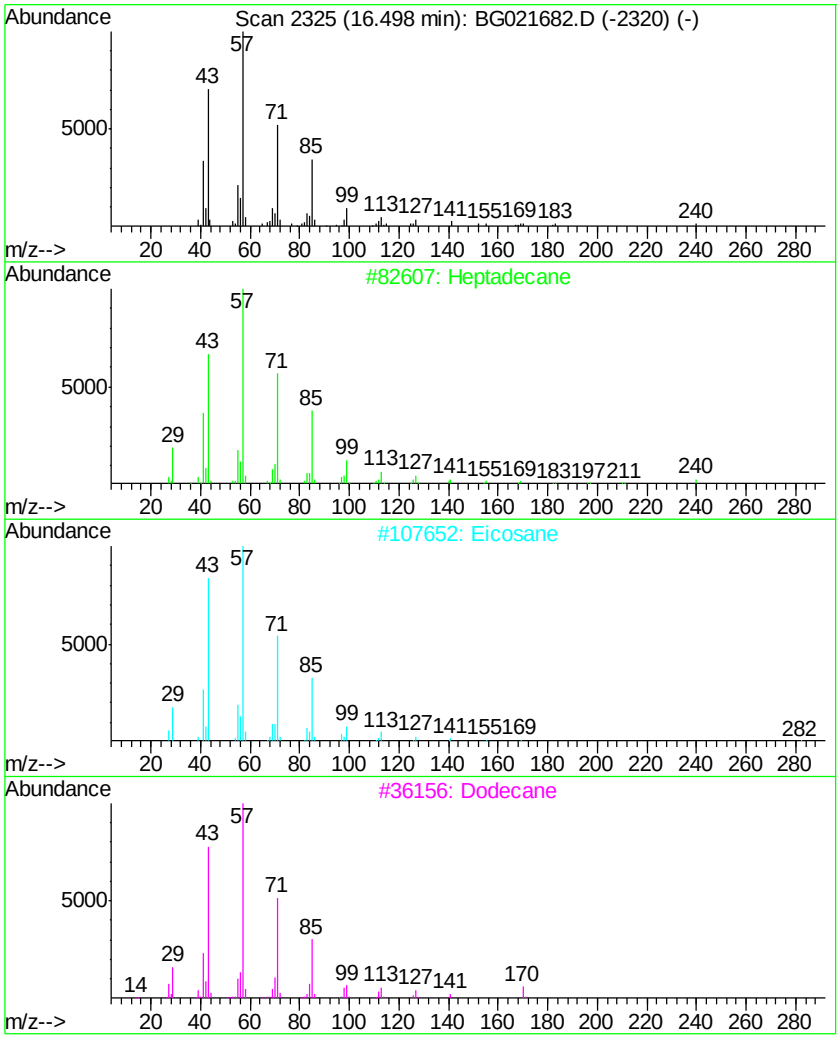
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

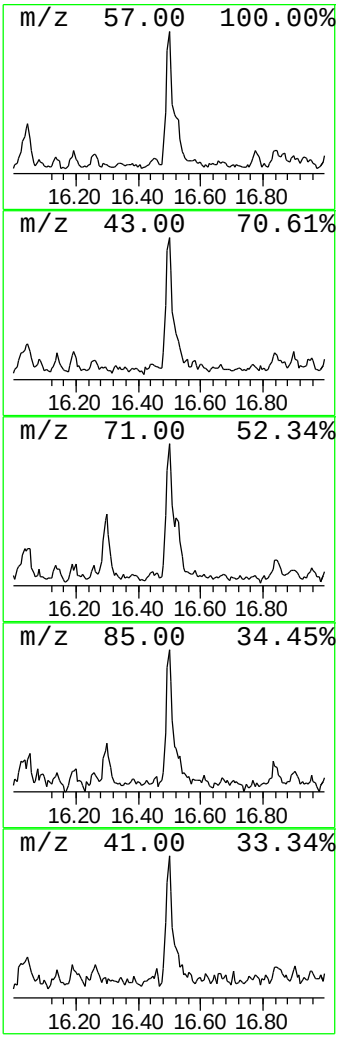
****

Peak Number 8 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.87 ng	119209	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Eicosane	282	C20H42	000112-95-8	90
3	Dodecane	170	C12H26	000112-40-3	87
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Heptacosane	380	C27H56	000593-49-7	86





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021682.D
Acq On : 15 Apr 2016 11:22
Operator : UM/SJ
Sample : H2055-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH-12(5-9)

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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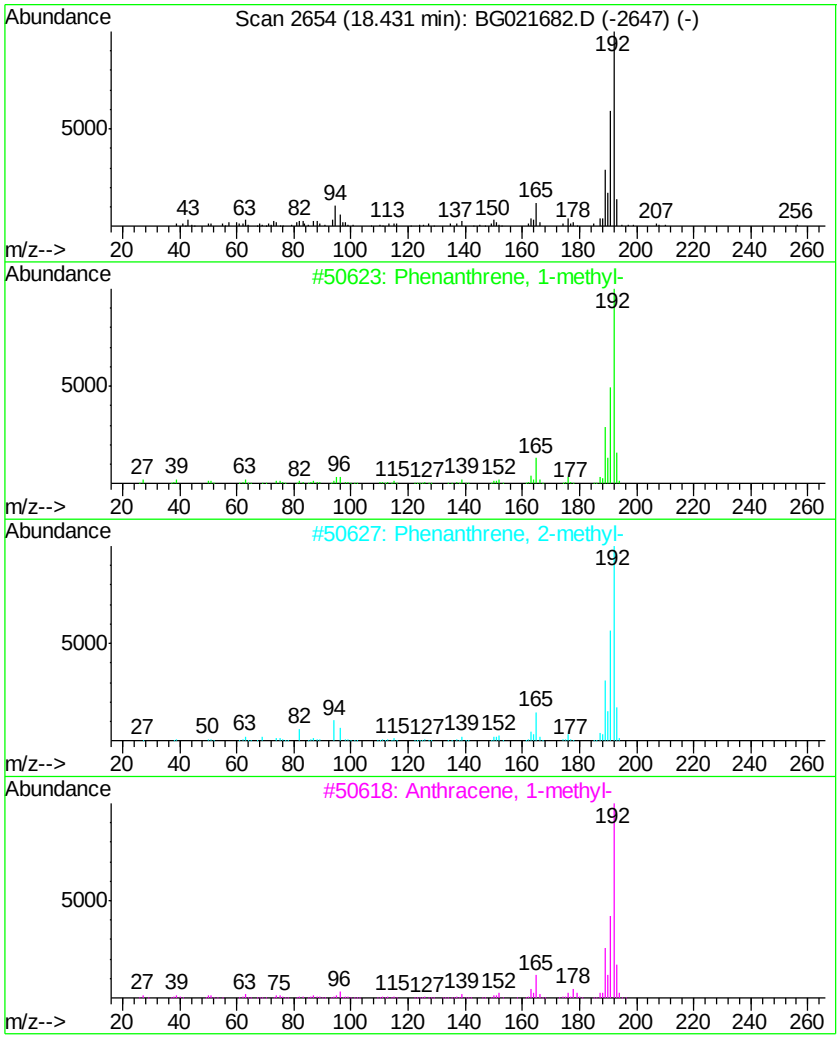
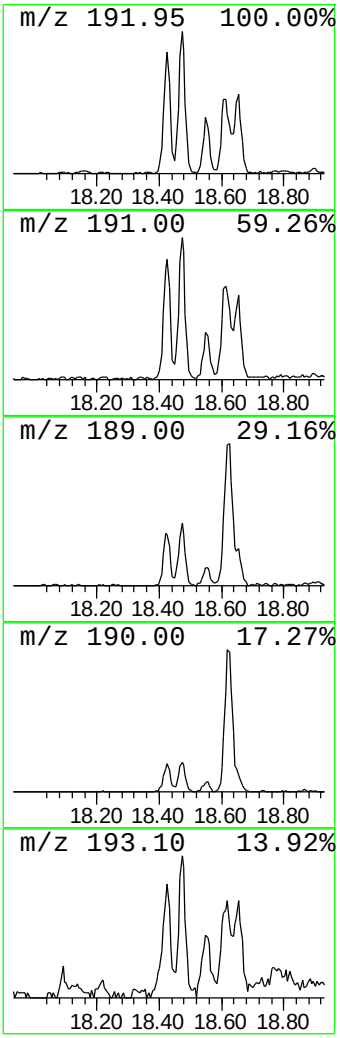
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	3.27 ng	135729	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021682.D
Acq On : 15 Apr 2016 11:22
Operator : UM/SJ
Sample : H2055-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH-12(5-9)

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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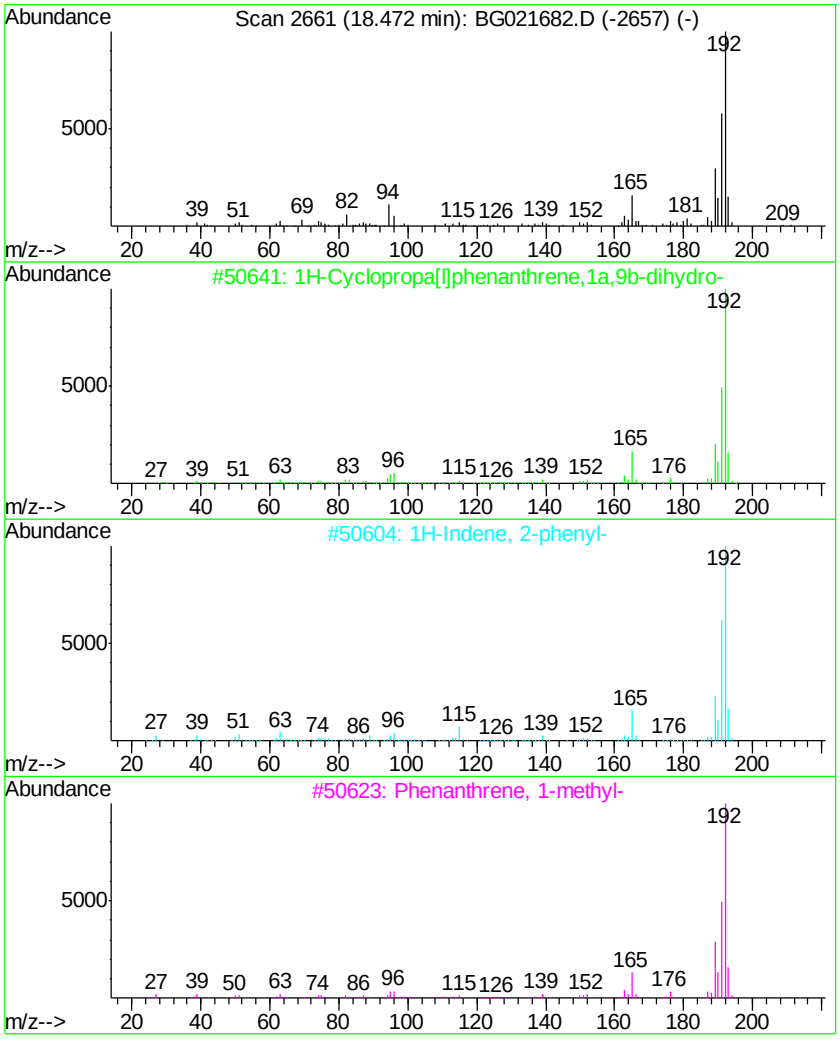
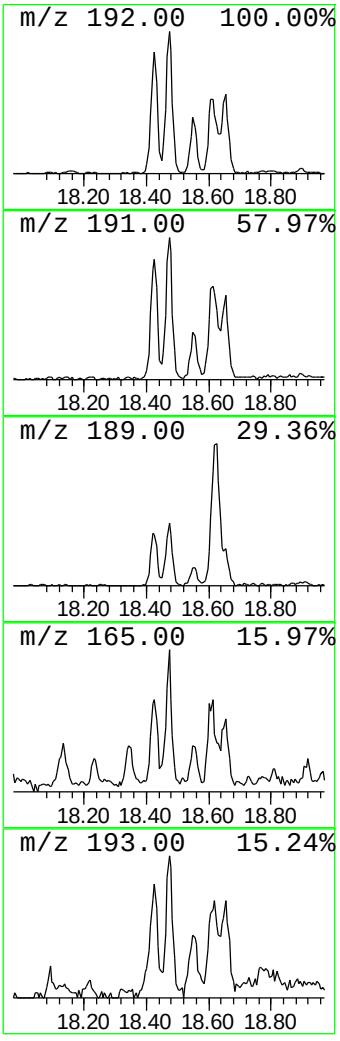
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	3.56 ng	147889	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021682.D
Acq On : 15 Apr 2016 11:22
Operator : UM/SJ
Sample : H2055-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH-12(5-9)

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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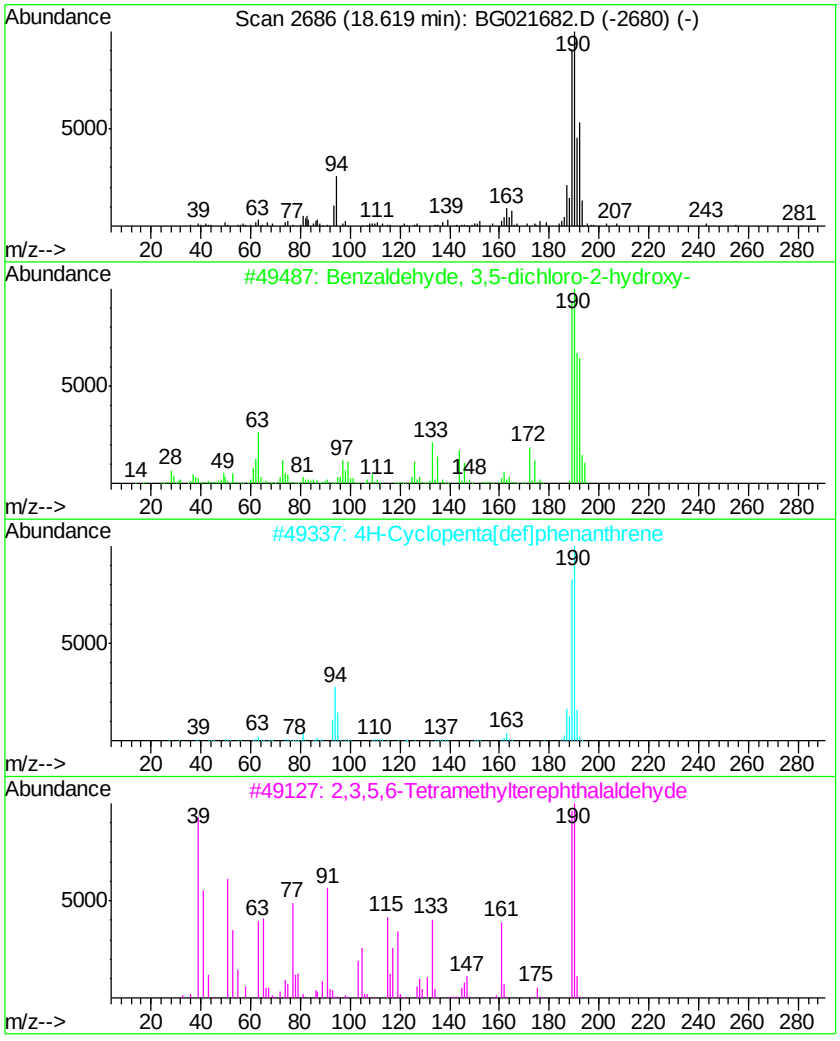
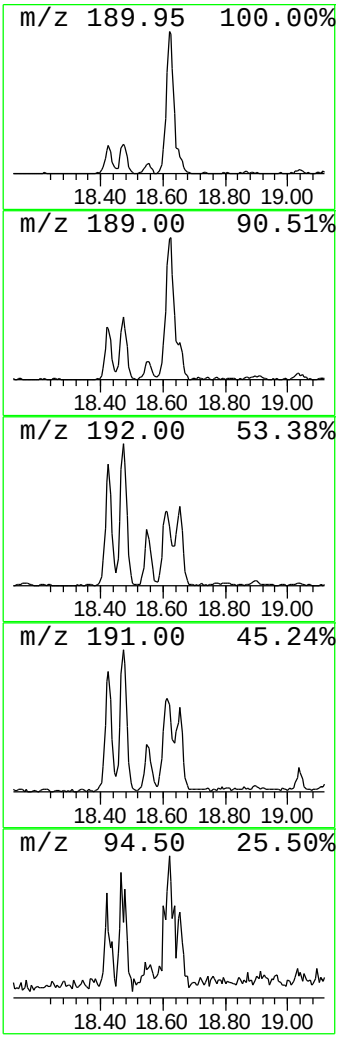
Peak Number 11 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	4.98 ng	206852	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	20
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18





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Operator : UM/SJ
Sample : H2055-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH-12(5-9)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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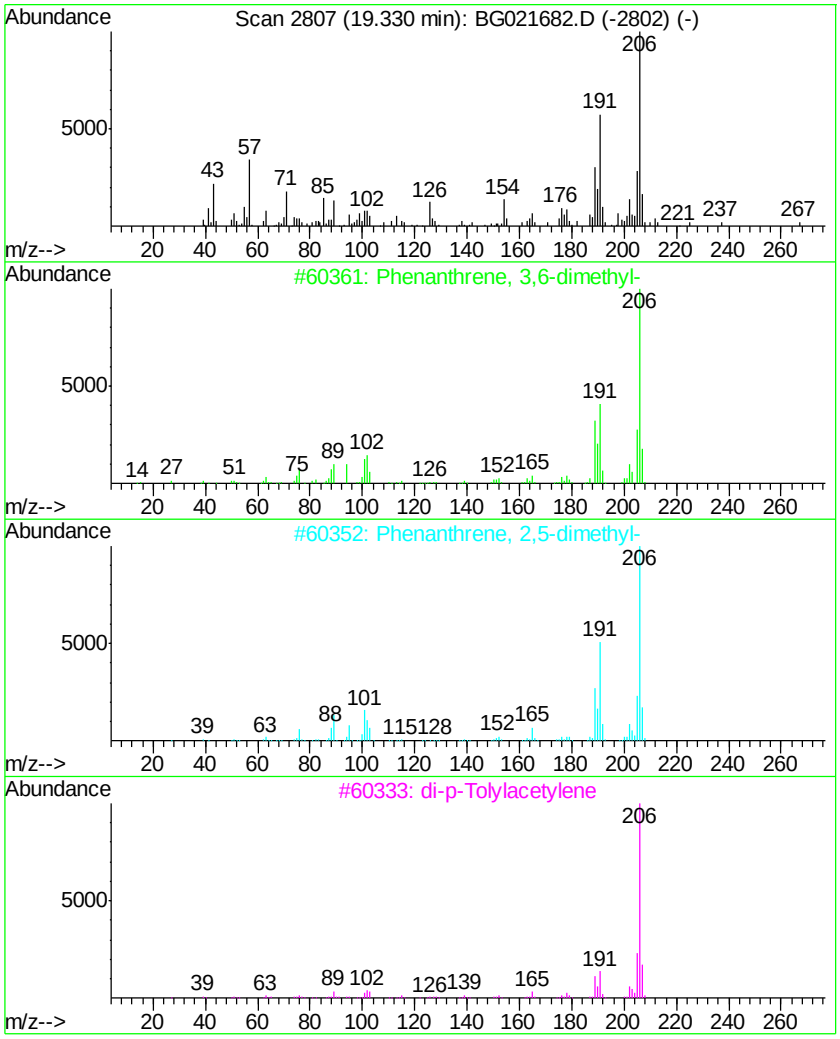
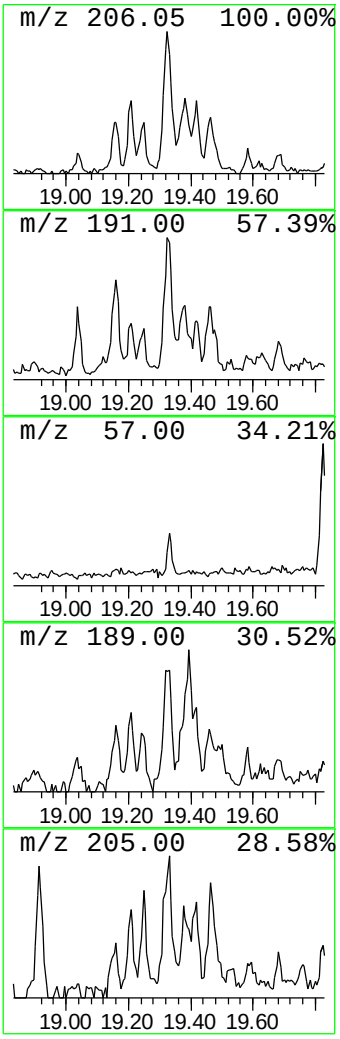
Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.38 ng	98782	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	80





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Operator : UM/SJ
Sample : H2055-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH-12(5-9)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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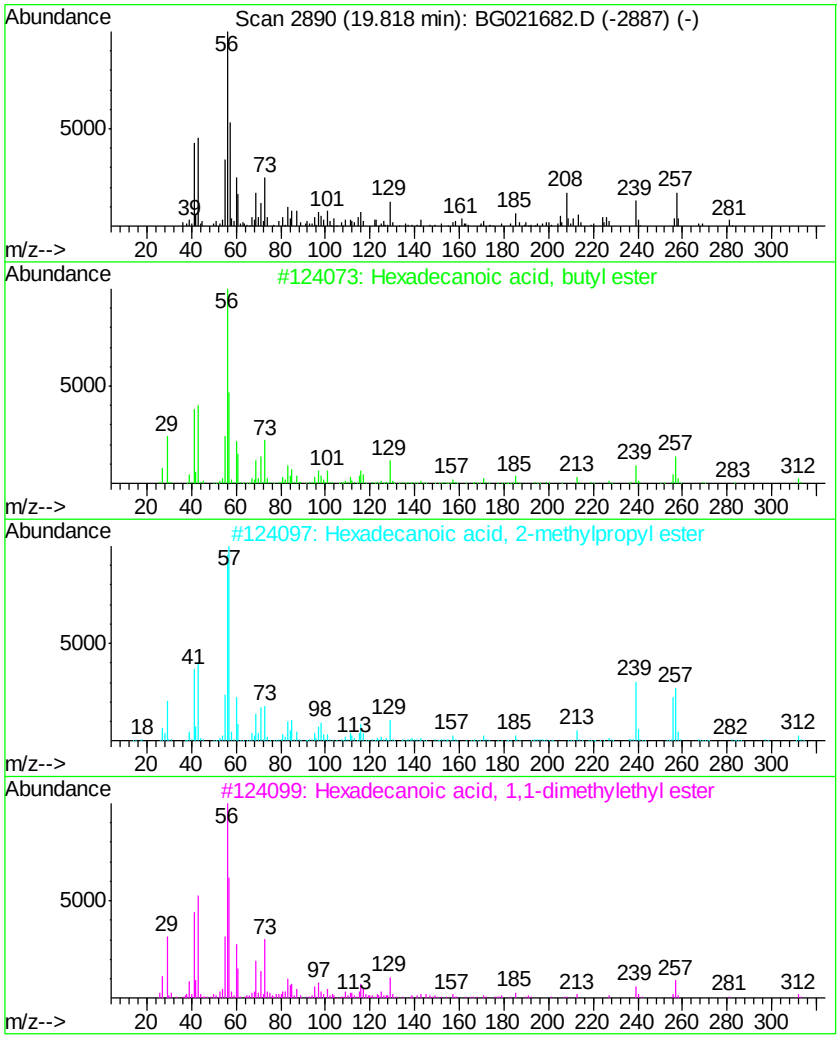
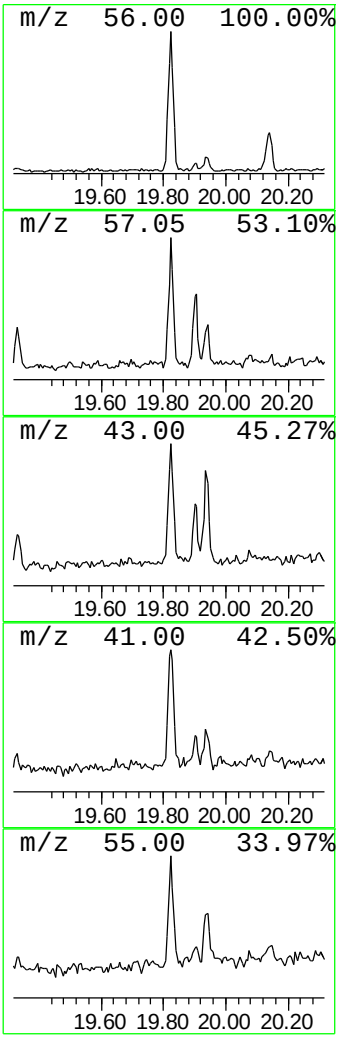
Peak Number 13 Hexadecanoic acid, butyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	2.16 ng	171659	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	98
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	66
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	55
4	Undecane, 5-methylene-	168	C12H24	005698-48-6	30
5	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	27





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Operator : UM/SJ
Sample : H2055-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH-12(5-9)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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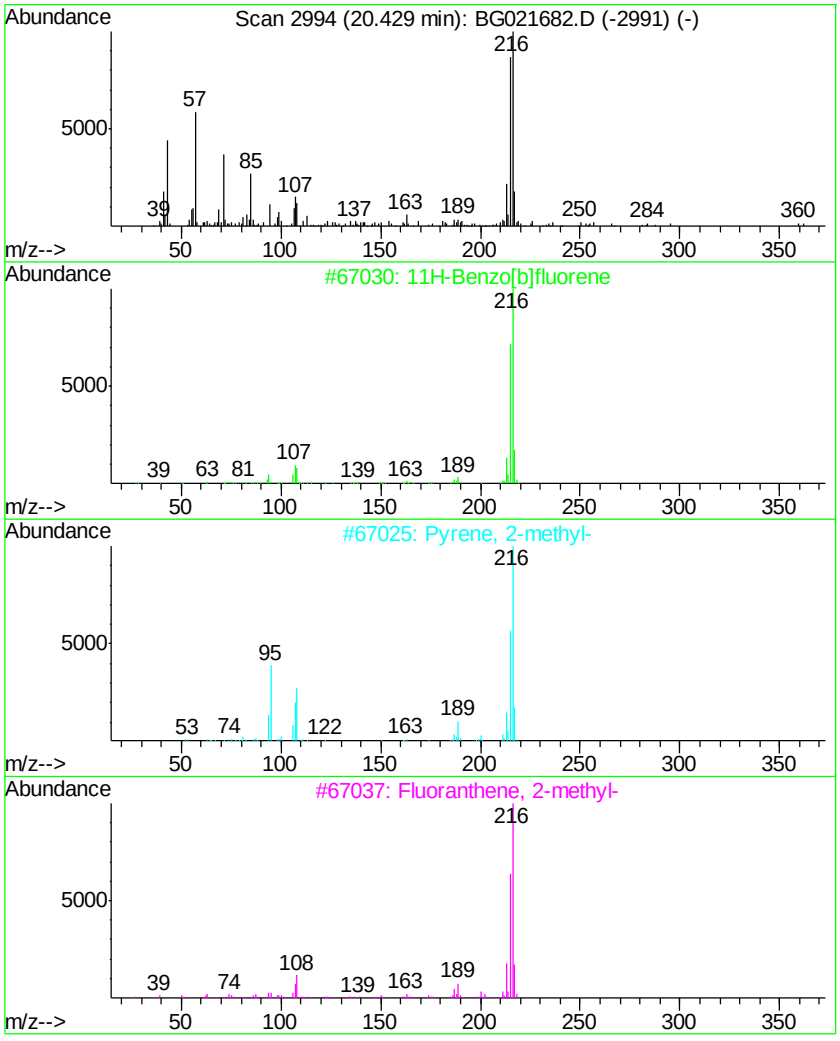
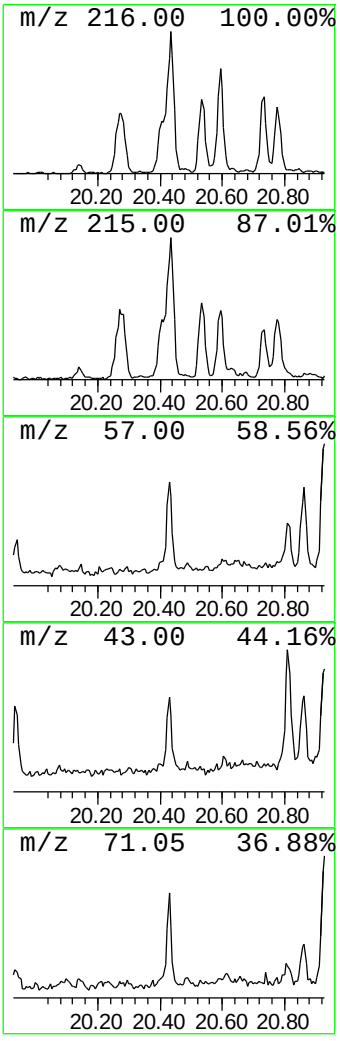
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	2.09 ng	165952	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





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Operator : UM/SJ
Sample : H2055-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH-12(5-9)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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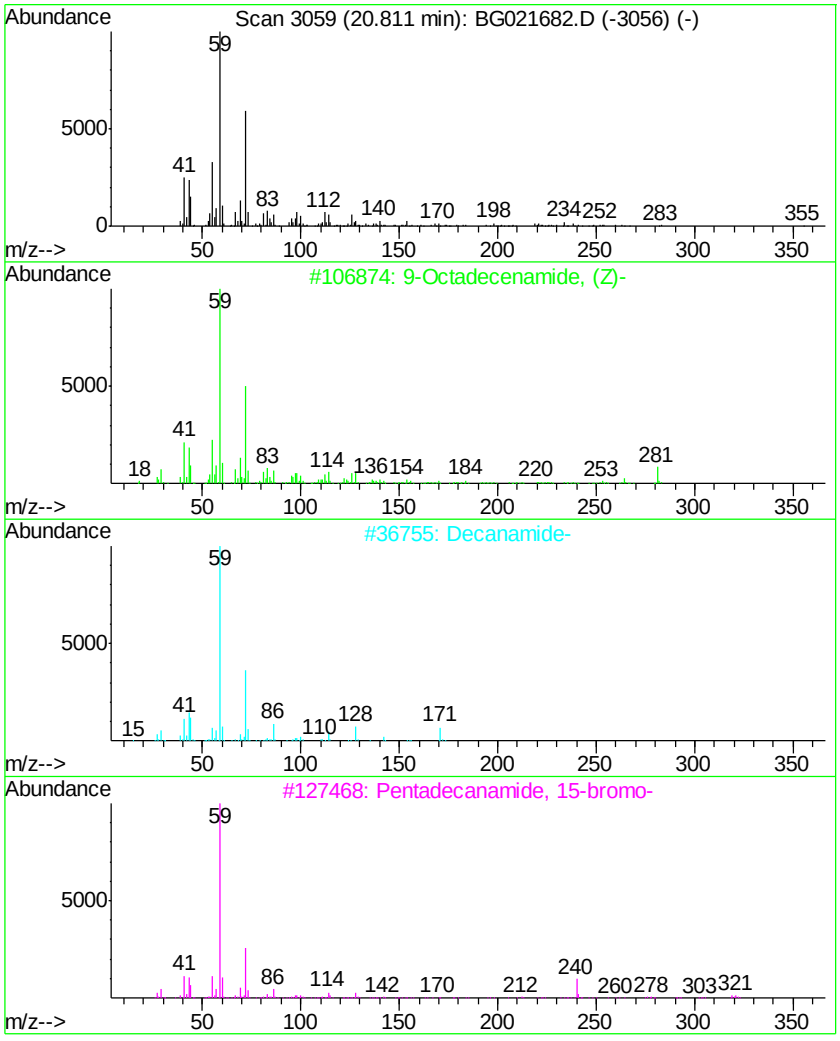
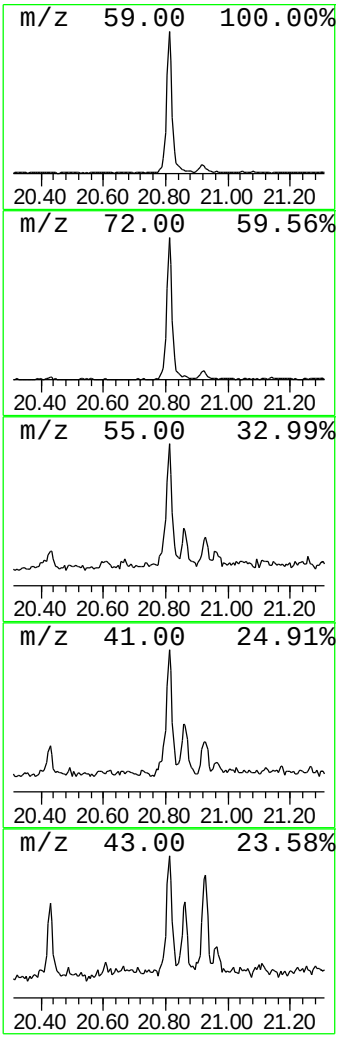
Peak Number 15 9-Octadecenamide, (Z)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	3.14 ng	249853	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	74
2	Decanamide-	171	C10H21NO	002319-29-1	72
3	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	59
4	Tetradecanamide	227	C14H29NO	000638-58-4	56
5	Dodecanamide	199	C12H25NO	001120-16-7	50





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH-12(5-9)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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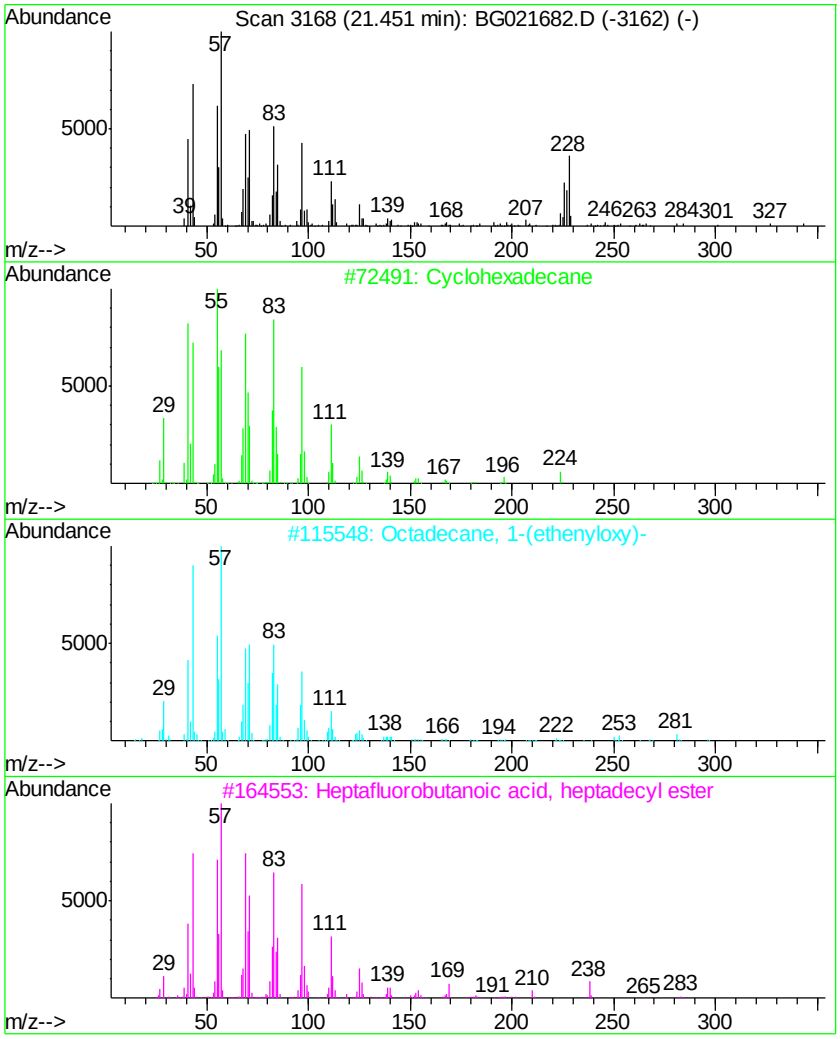
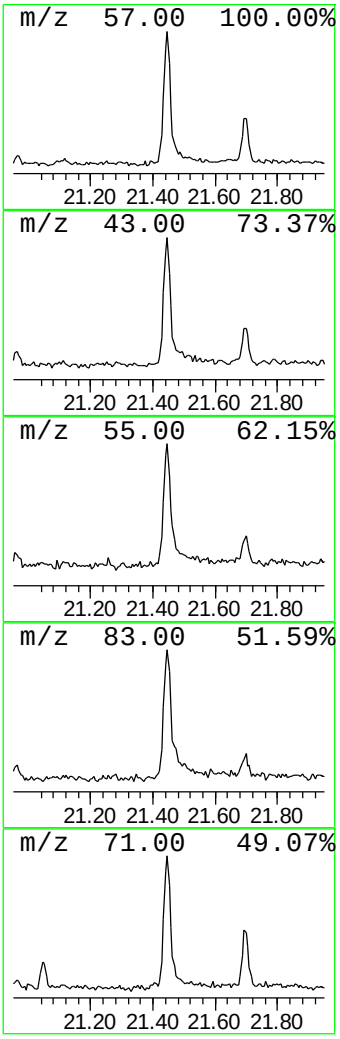
Peak Number 16 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	3.83 ng	304486	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	60
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	60
4	17-Pentatriacontene	491	C35H70	006971-40-0	58
5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	58





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Acq On : 15 Apr 2016 11:22
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH-12(5-9)

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

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TIC Integration Parameters: LSCINT.P

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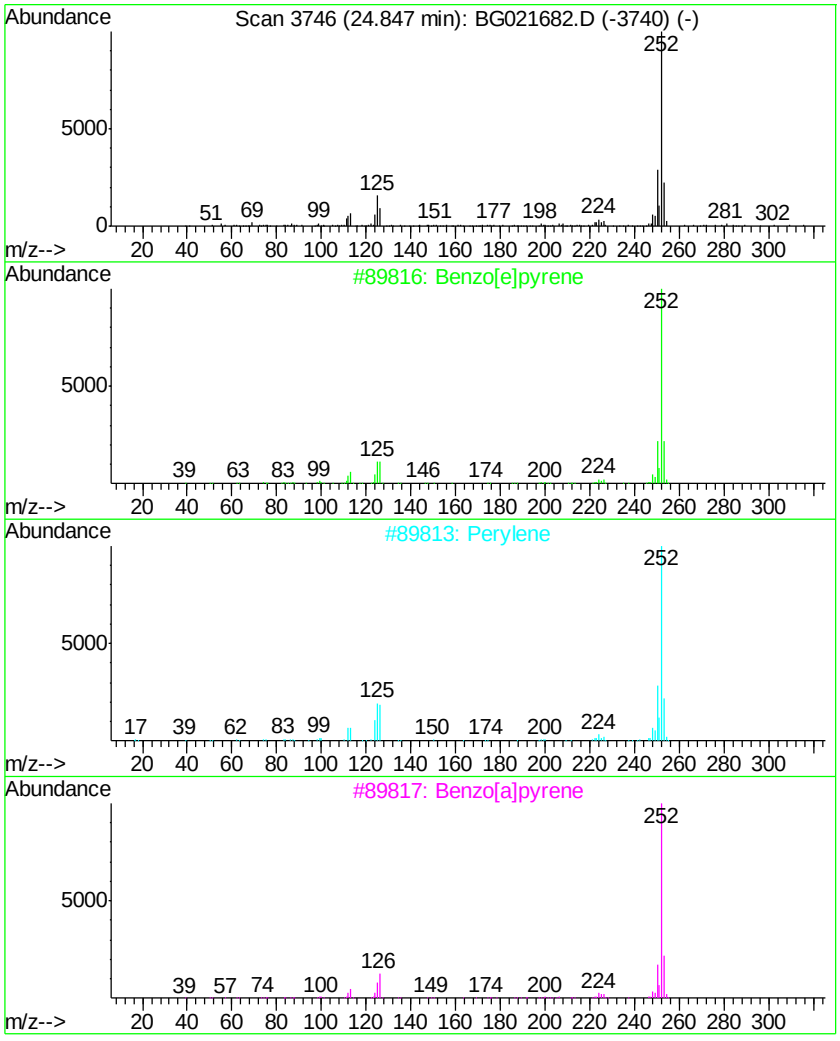
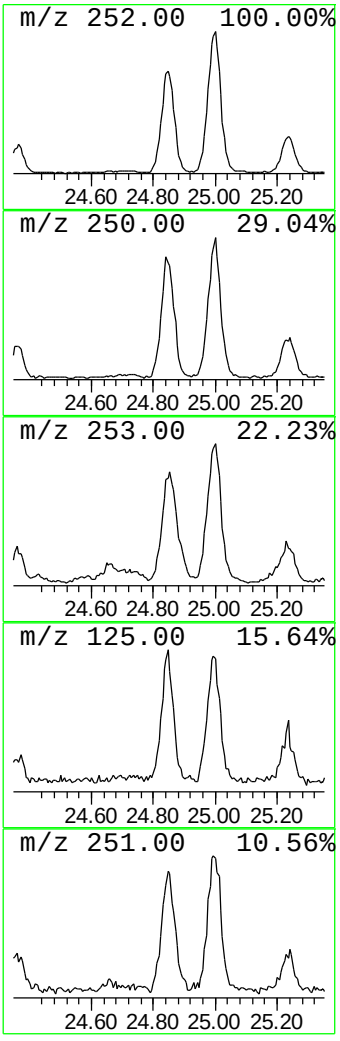
Peak Number 17 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.85	8.12 ng	371874	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

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Data File : BG021682.D
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Operator : UM/SJ
Sample : H2055-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH-12(5-9)

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
unknown3.11	3.11	246.4	ng	4368400	1	8.22	354572	20.0
Propane, 1,1-dime...	3.37	2.6	ng	46404	1	8.22	354572	20.0
2-Pentanone, 4-hy...	5.30	9.4	ng	166628	1	8.22	354572	20.0
unknown7.75	7.75	86.6	ng	1535290	1	8.22	354572	20.0
Hexadecane	15.64	2.1	ng	76565	3	14.82	722149	20.0
Heptadecane	16.50	2.9	ng	119209	4	17.56	829928	20.0
Phenanthrene, 1-m...	18.43	3.3	ng	135729	4	17.56	829928	20.0
1H-Cyclopropa[l]p...	18.47	3.6	ng	147889	4	17.56	829928	20.0
Benzaldehyde, 3,5...	18.62	5.0	ng	206852	4	17.56	829928	20.0
Phenanthrene, 3,6...	19.33	2.4	ng	98782	4	17.56	829928	20.0
Hexadecanoic acid...	19.82	2.2	ng	171659	5	21.83	1589070	20.0
11H-Benzo[b]fluorene	20.43	2.1	ng	165952	5	21.83	1589070	20.0
9-Octadecenamide,...	20.81	3.1	ng	249853	5	21.83	1589070	20.0
Cyclohexadecane	21.45	3.8	ng	304486	5	21.83	1589070	20.0
Benzo[e]pyrene	24.85	8.1	ng	371874	6	25.16	915999	20.0