LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021686.D
Acq On : 15 Apr 2016 13:59
Operator : UM/SJ
Sample : H2412-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-7W(0-2)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	3.111	40	46	71	rVB	3116477	5951931	100.00%	22.170%
2	5.303	413	419	430	rVB	83395	144258	2.42%	0.537%
3	5.773	492	499	508	rBV	949364	1632349	27.43%	6.080%
4	7.377	763	772	787	rVB	983970	1799808	30.24%	6.704%
5	7.753	826	836	845	rBV	984420	1749642	29.40%	6.517%
6	8.223	905	916	927	rBV	170847	313936	5.27%	1.169%
7	8.546	963	971	979	rBV	718200	1299120	21.83%	4.839%
8	9.392	1107	1115	1126	rBV	601420	1125254	18.91%	4.191%
9	11.037	1388	1395	1401	rBV	234624	427386	7.18%	1.592%
10	13.458	1799	1807	1814	rBV	1402909	2266981	38.09%	8.444%
11	14.269	1938	1945	1952	rBV	193163	318647	5.35%	1.187%
12	14.827	2029	2040	2046	rBV2	323279	566836	9.52%	2.111%
13	15.643	2175	2179	2183	rVB	54138	73877	1.24%	0.275%
14	16.307	2285	2292	2303	rVB	1010846	1544678	25.95%	5.754%
15	16.501	2321	2325	2327	rBV	67413	85107	1.43%	0.317%
16	16.525	2327	2329	2338	rVB3	66292	94377	1.59%	0.352%
17	17.294	2456	2460	2464	rBV	56230	70254	1.18%	0.262%
18	17.559	2500	2505	2509	rBV2	372543	590558	9.92%	2.200%
19	17.606	2509	2513	2518	rVB	265220	422162	7.09%	1.573%
20	17.694	2524	2528	2532	rBV	63915	88590	1.49%	0.330%
21	18.428	2650	2653	2657	rBV	66200	89115	1.50%	0.332%
22	18.475	2659	2661	2669	rVB2	82906	116565	1.96%	0.434%
23	18.622	2682	2686	2690	rBV2	83742	145956	2.45%	0.544%
24	19.333	2805	2807	2812	rVB2	84219	99069	1.66%	0.369%
25	19.598	2847	2852	2857	rBV	685482	983220	16.52%	3.662%
26	19.956	2909	2913	2920	rVB	633986	939823	15.79%	3.501%
27	20.150	2940	2946	2950	rBV	2002699	2686984	45.14%	10.009%
28	21.830	3226	3232	3238	rBV2	473068	1219752	20.49%	4.543%

Sum of corrected areas: 26846235

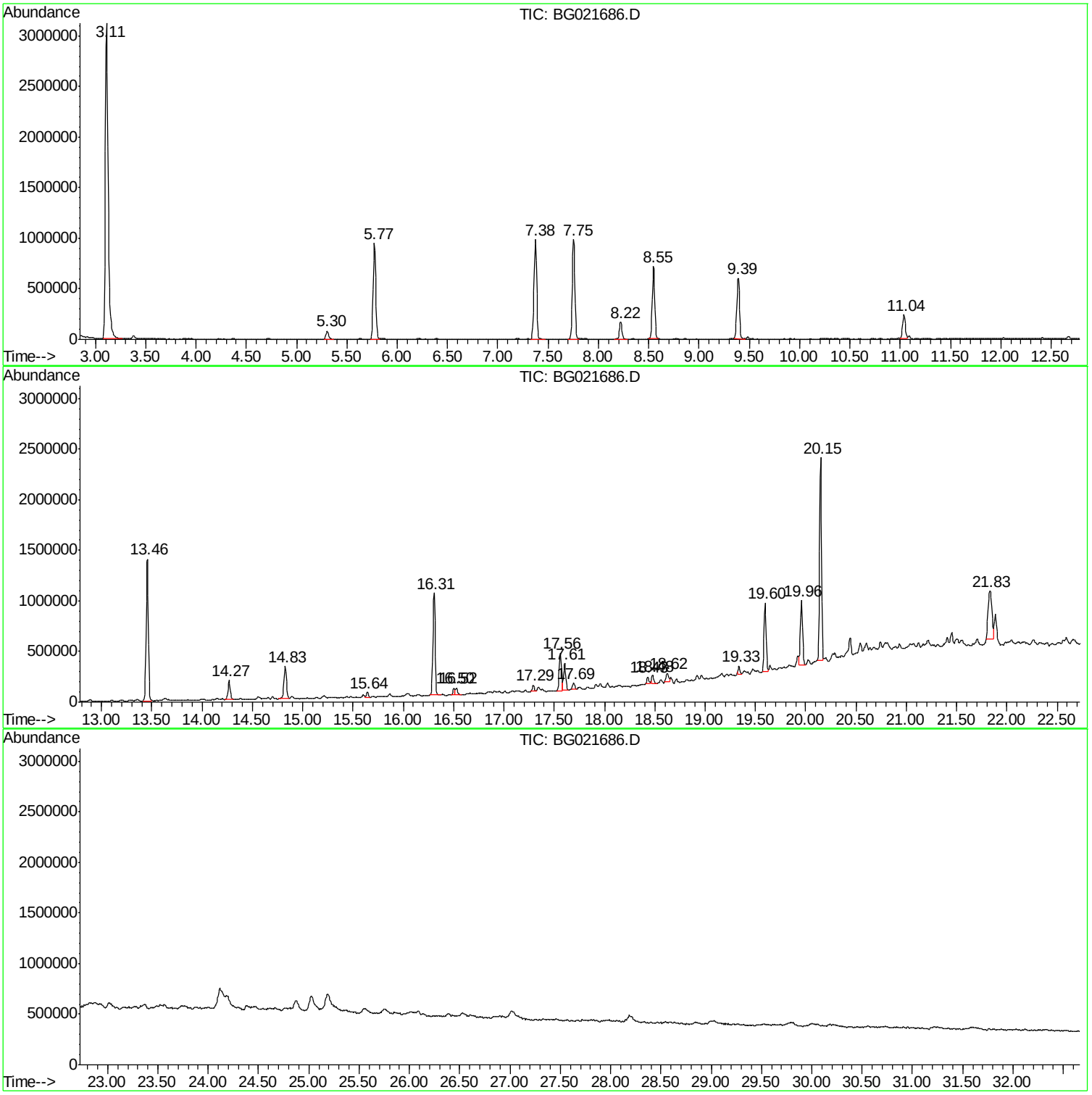
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021686.D
Acq On : 15 Apr 2016 13:59
Operator : UM/SJ
Sample : H2412-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-7W(0-2)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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021686.D
Acq On : 15 Apr 2016 13:59
Operator : UM/SJ
Sample : H2412-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-7W(0-2)C

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

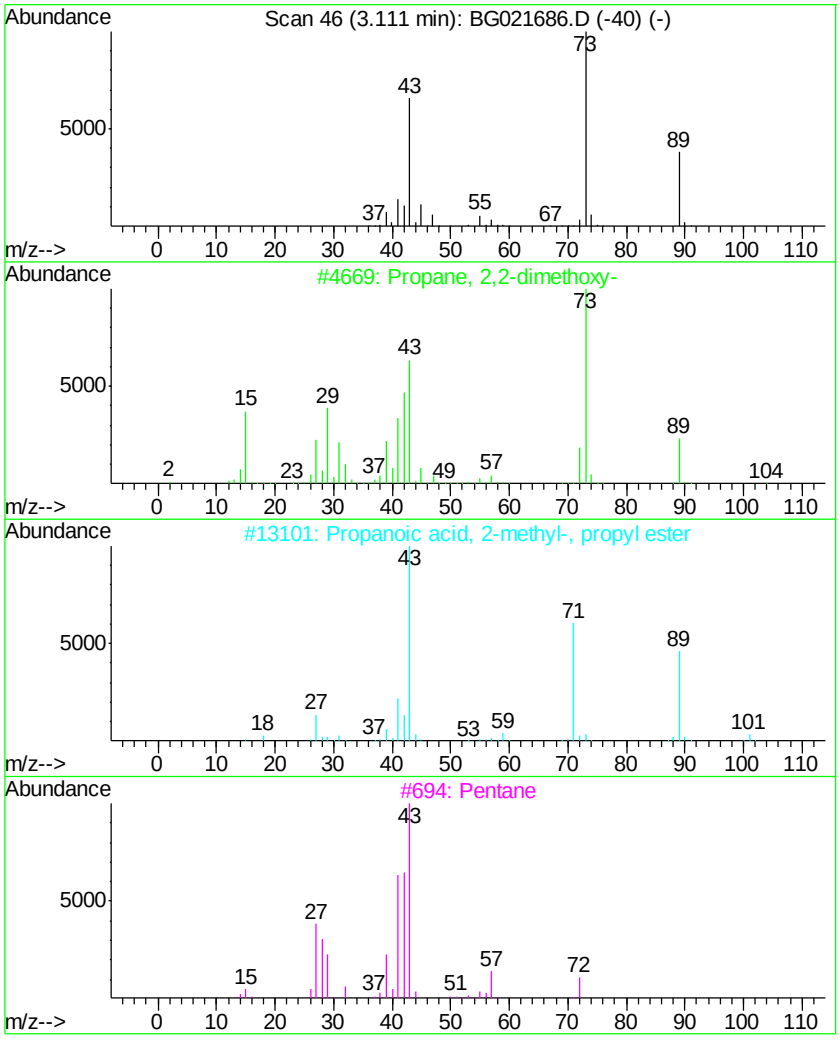
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

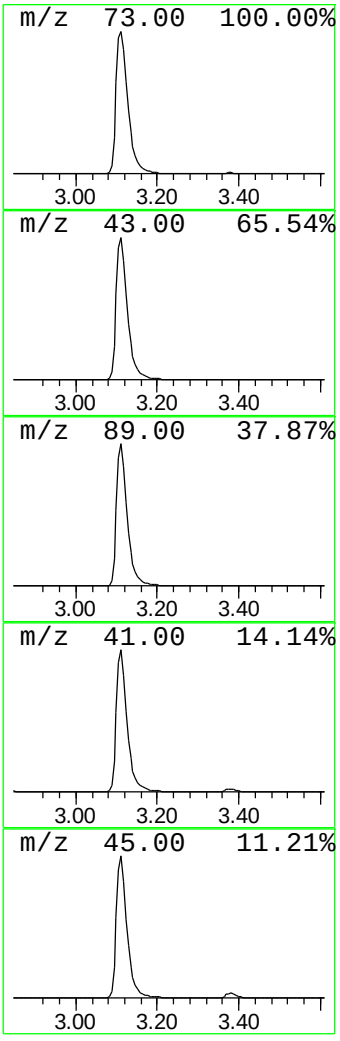
****

Peak Number 1 unknown3.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.11	379.18 ng	5951930	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	22
3	Pentane	72	C5H12	000109-66-0	9
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021686.D
Acq On : 15 Apr 2016 13:59
Operator : UM/SJ
Sample : H2412-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-7W(0-2)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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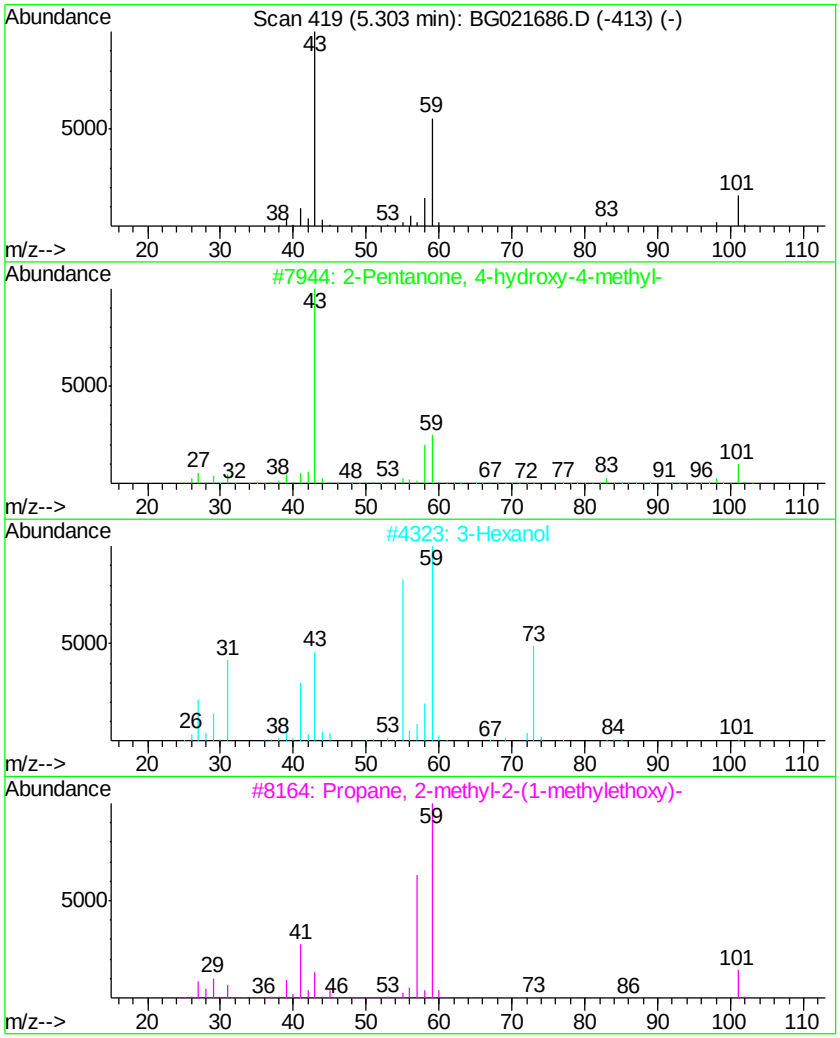
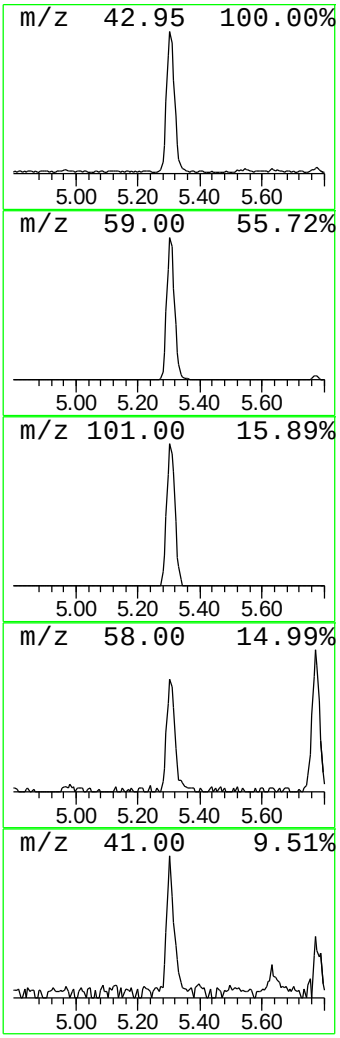
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.30	9.19 ng	144258	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	64
2	3-Hexanol	102	C6H14O	000623-37-0	36
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	32
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021686.D
Acq On : 15 Apr 2016 13:59
Operator : UM/SJ
Sample : H2412-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-7W(0-2)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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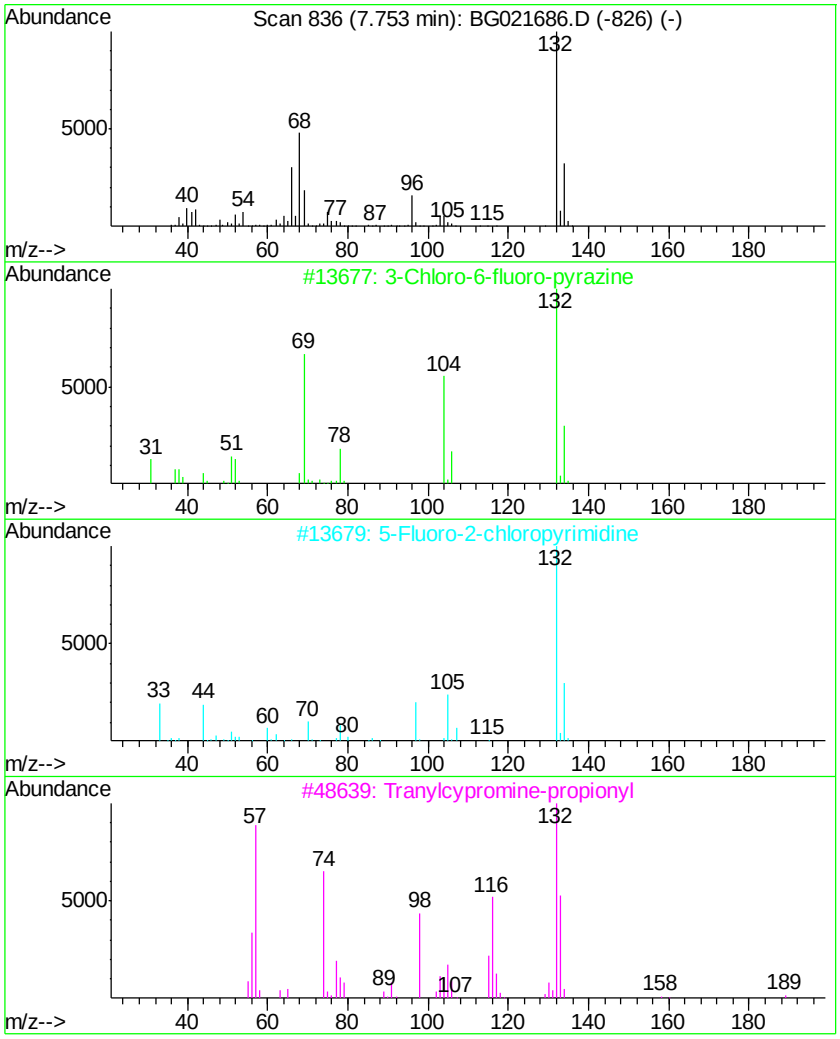
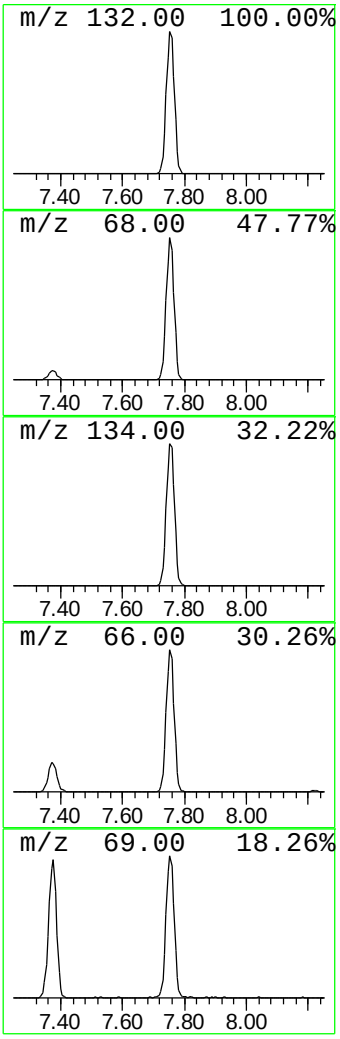
Peak Number 3 unknown7.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	111.47 ng	1749640	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Operator : UM/SJ
Sample : H2412-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-7W(0-2)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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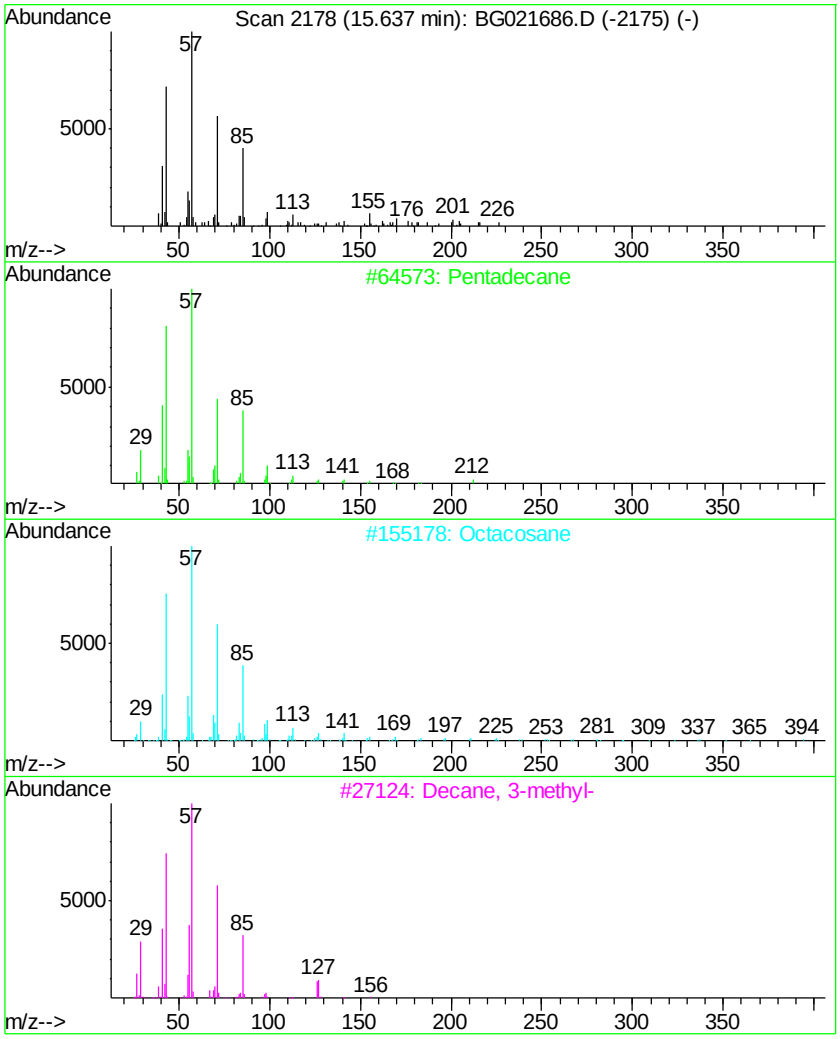
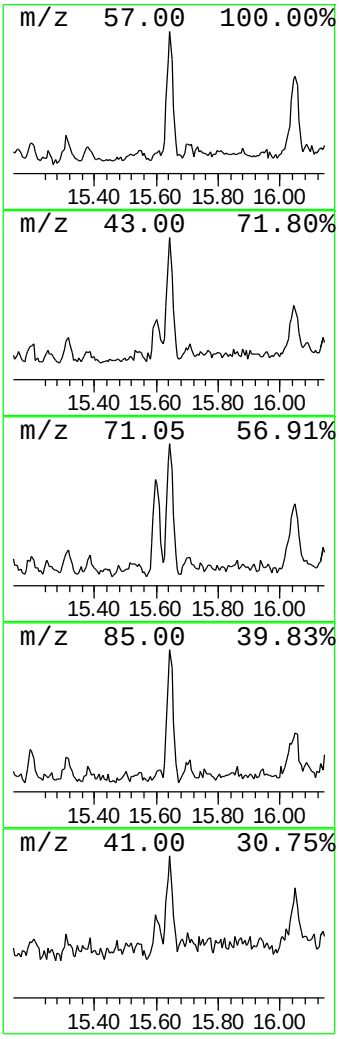
Peak Number 5 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.61 ng	73877	Acenaphthene-d10	14.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	83
2	Octacosane	394	C28H58	000630-02-4	78
3	Decane, 3-methyl-	156	C11H24	013151-34-3	72
4	Hexadecane	226	C16H34	000544-76-3	64
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021686.D
Acq On : 15 Apr 2016 13:59
Operator : UM/SJ
Sample : H2412-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-7W(0-2)C

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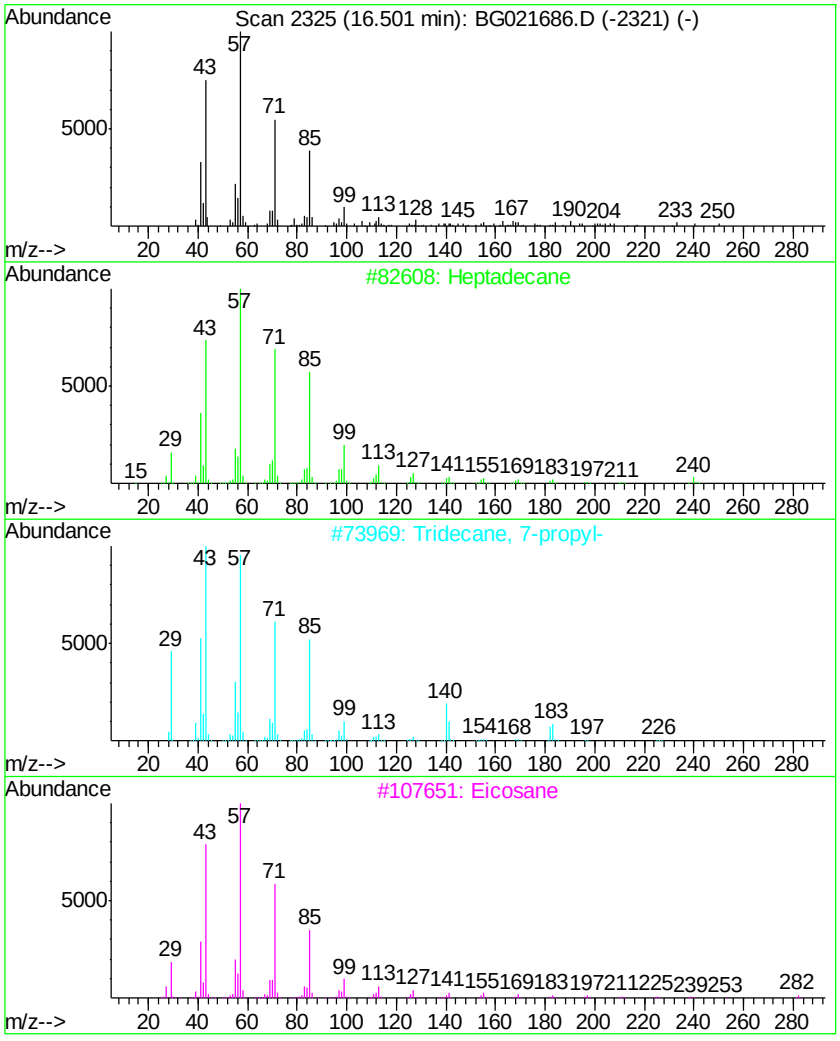
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

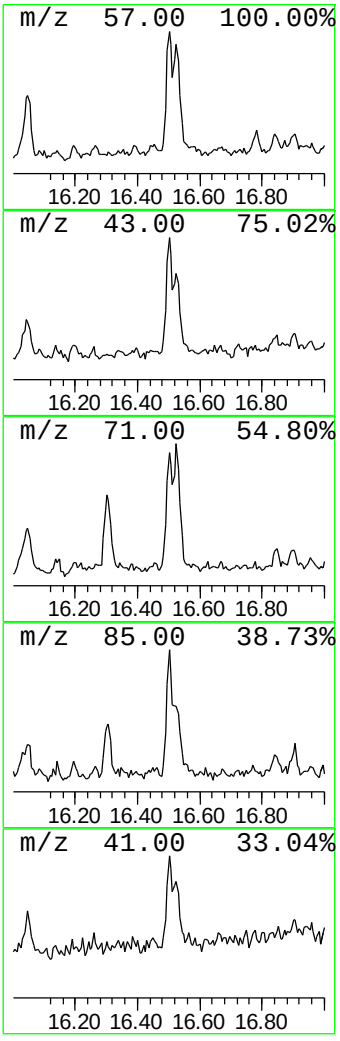
****

Peak Number 6 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.88 ng	85107	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
3	Eicosane	282	C20H42	000112-95-8	80
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021686.D
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Operator : UM/SJ
Sample : H2412-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-7W(0-2)C

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

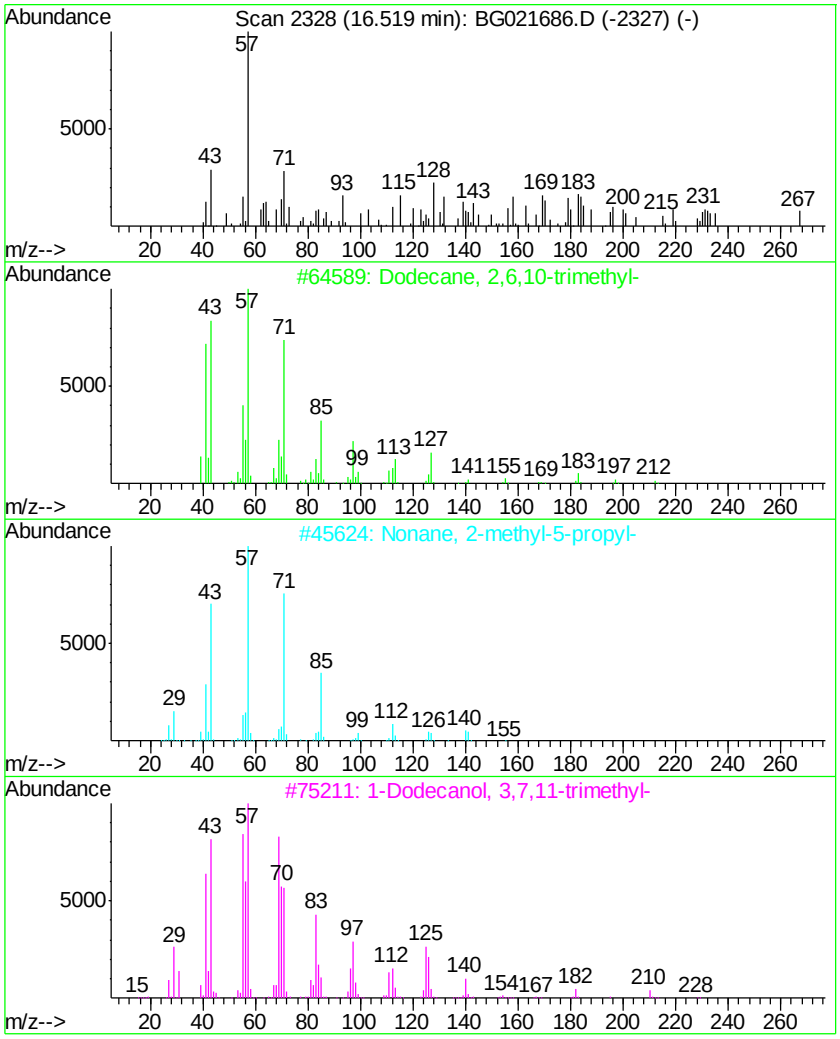
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

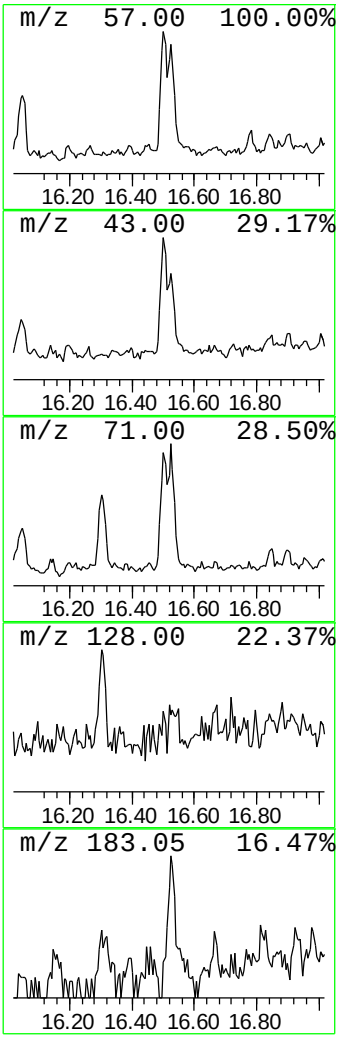
****

Peak Number 7 unknown16.52 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	3.20 ng	94377	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	38
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	35
3	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	35
4	2-Undecene, 5-methyl-	168	C12H24	056851-34-4	35
5	Uracil, 3-methyl-1-(tetrahydrofu...	196	C9H12N2O3	1000151-99-4	35





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Data File : BG021686.D
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Operator : UM/SJ
Sample : H2412-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-7W(0-2)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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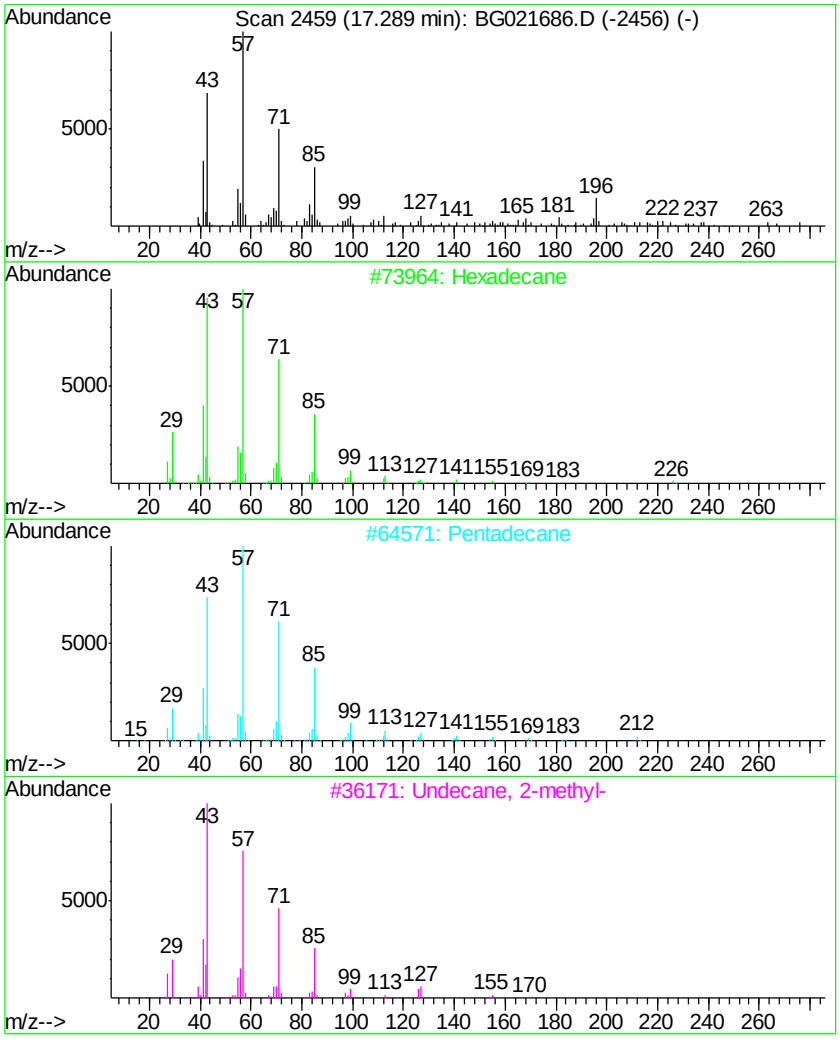
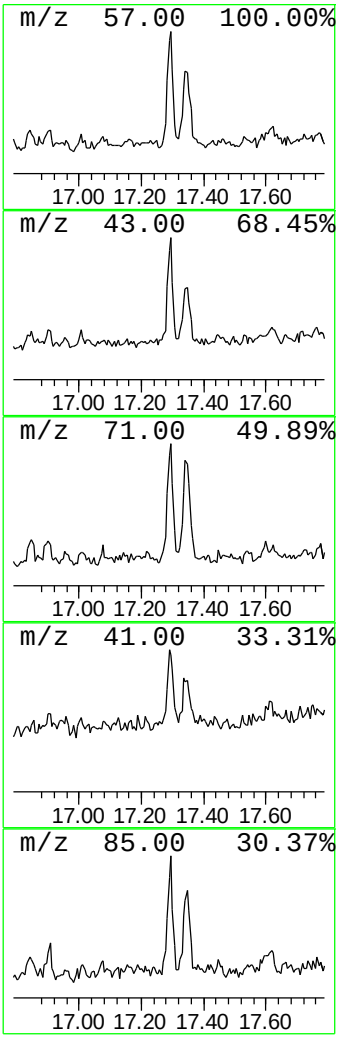
Peak Number 8 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	2.38 ng	70254	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	89
2	Pentadecane	212	C15H32	000629-62-9	76
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021686.D
Acq On : 15 Apr 2016 13:59
Operator : UM/SJ
Sample : H2412-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-7W(0-2)C

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

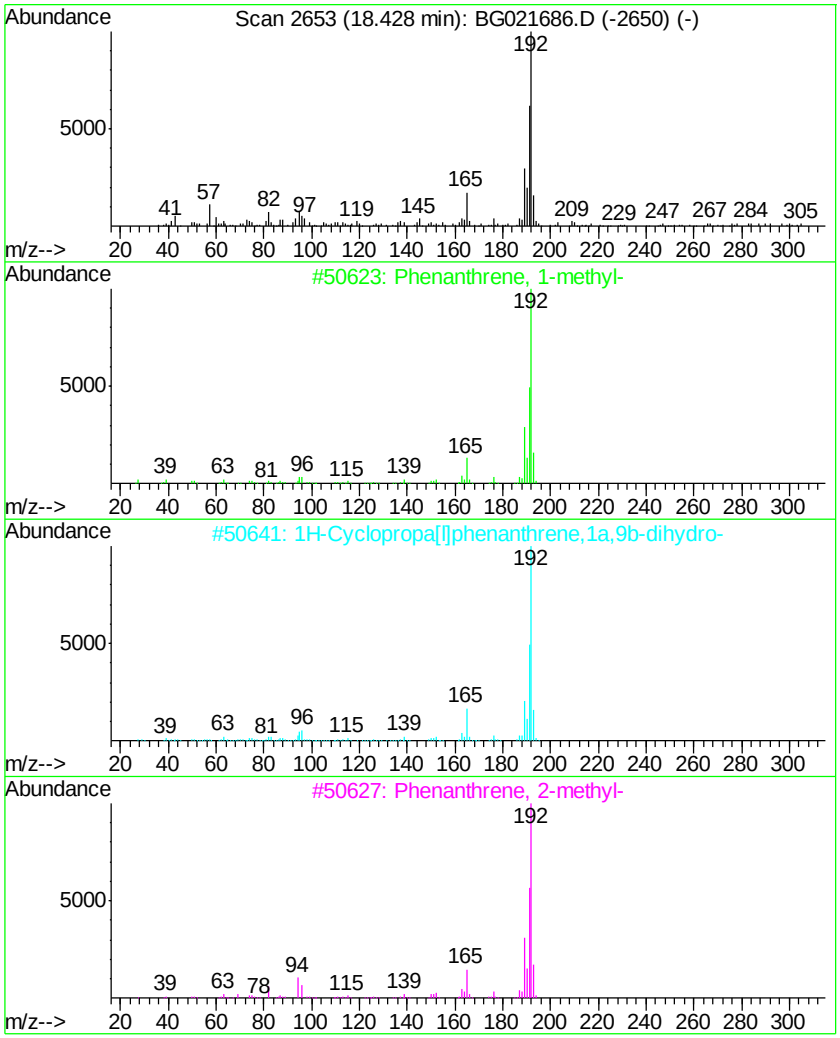
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

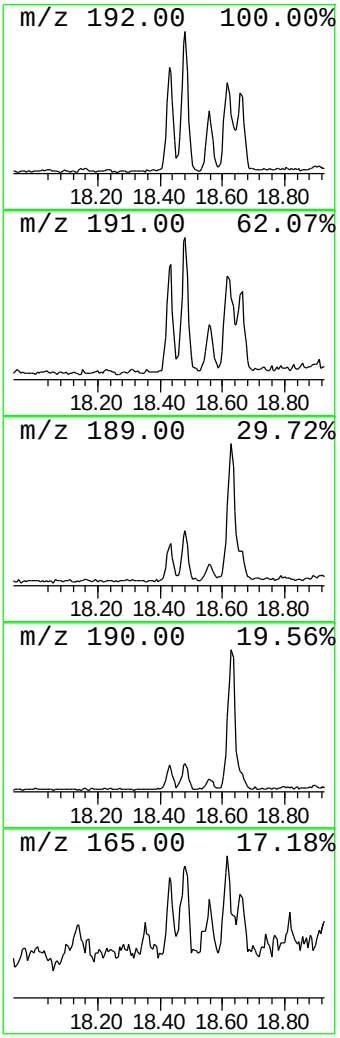
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	3.02 ng	89115	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021686.D
Acq On : 15 Apr 2016 13:59
Operator : UM/SJ
Sample : H2412-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-7W(0-2)C

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

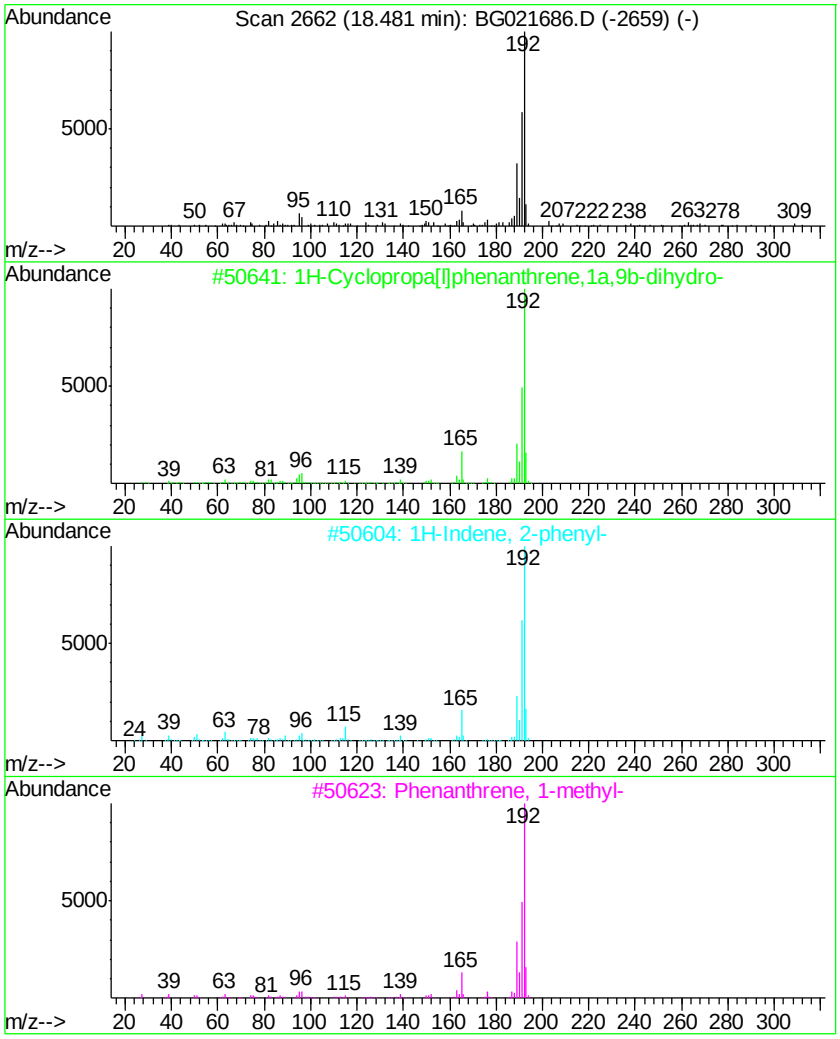
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

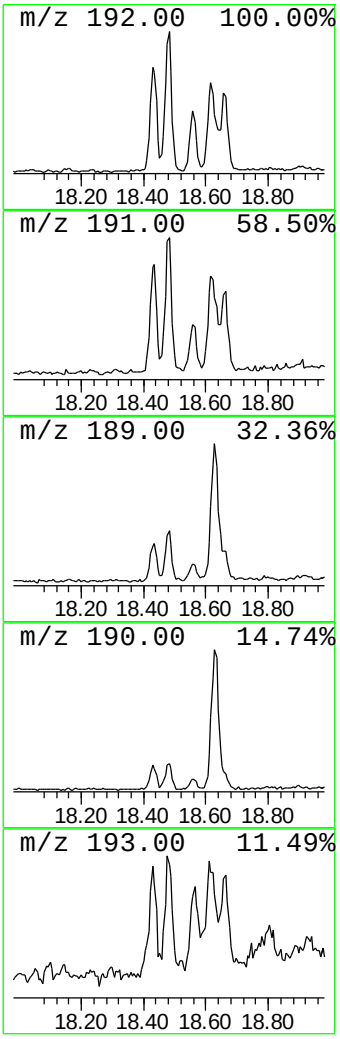
****

Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	3.95 ng	116565	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	81
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021686.D
Acq On : 15 Apr 2016 13:59
Operator : UM/SJ
Sample : H2412-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-7W(0-2)C

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

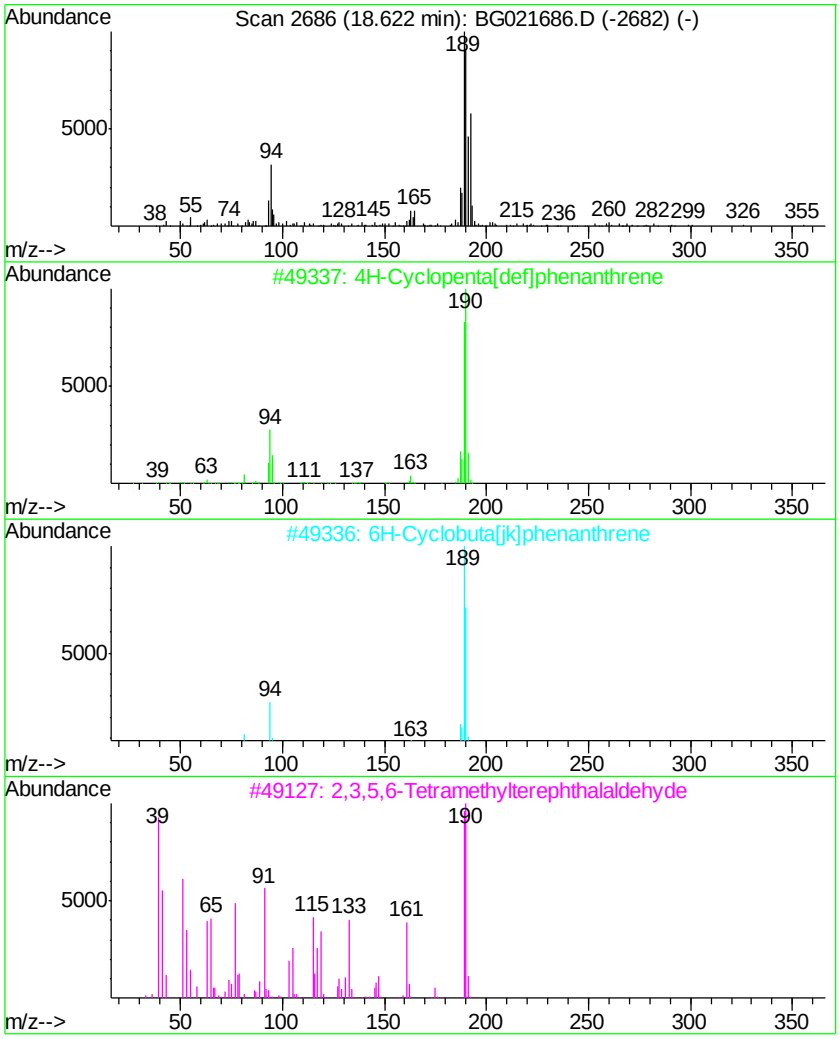
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

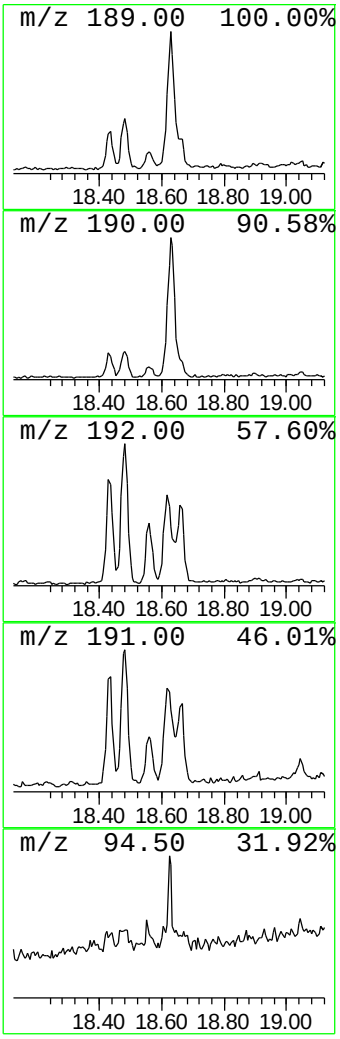
****

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	4.94 ng	145956	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	22
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	20





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021686.D
Acq On : 15 Apr 2016 13:59
Operator : UM/SJ
Sample : H2412-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-7W(0-2)C

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

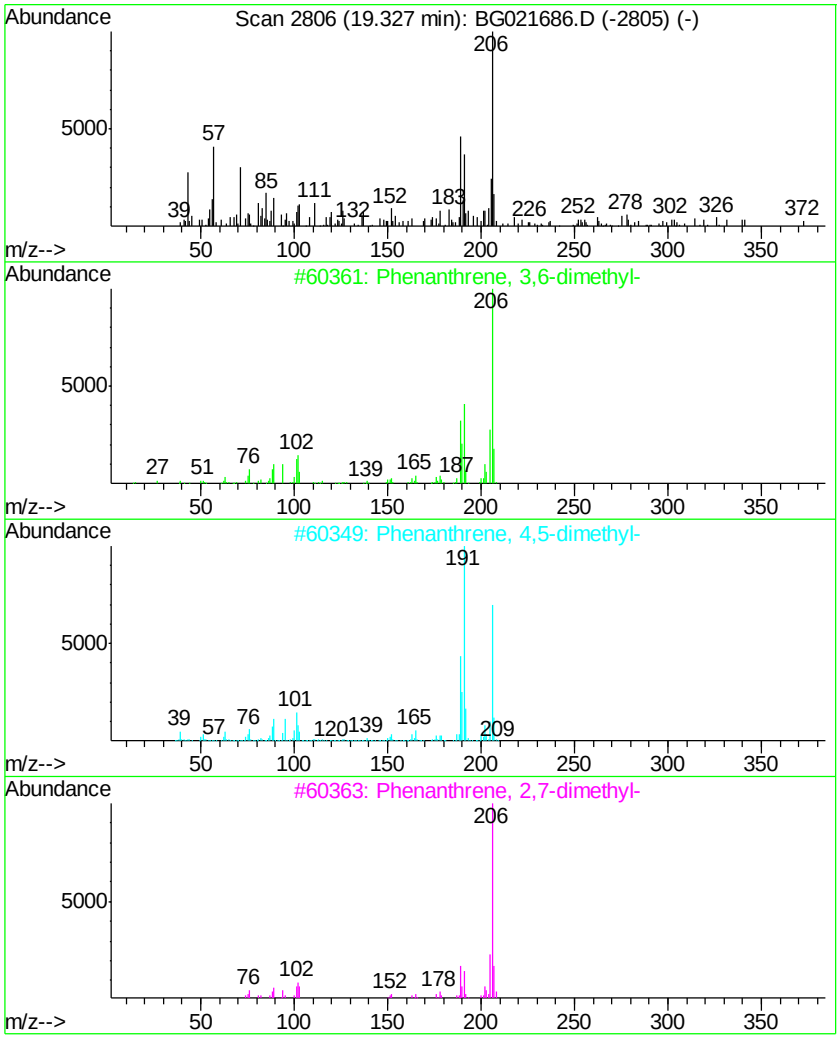
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

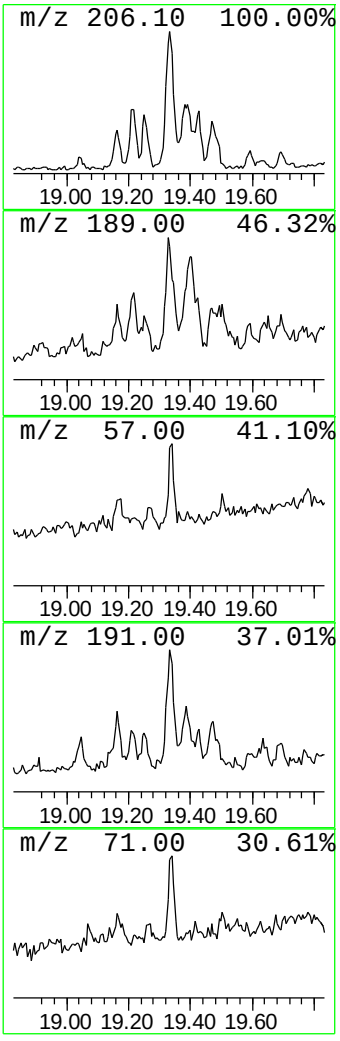
****

Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	3.36 ng	99069	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	53
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	49
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	49
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	46
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021686.D
Acq On : 15 Apr 2016 13:59
Operator : UM/SJ
Sample : H2412-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-7W(0-2)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
unknown3.11	3.11	379.2	ng	5951930	1	8.22	313936	20.0
2-Pentanone, 4-hy...	5.30	9.2	ng	144258	1	8.22	313936	20.0
unknown7.75	7.75	111.5	ng	1749640	1	8.22	313936	20.0
Pentadecane	15.64	2.6	ng	73877	3	14.83	566836	20.0
Heptadecane	16.50	2.9	ng	85107	4	17.56	590558	20.0
unknown16.52	16.52	3.2	ng	94377	4	17.56	590558	20.0
Hexadecane	17.29	2.4	ng	70254	4	17.56	590558	20.0
Phenanthrene, 1-m...	18.43	3.0	ng	89115	4	17.56	590558	20.0
1H-Cyclopropa[l]p...	18.48	4.0	ng	116565	4	17.56	590558	20.0
4H-Cyclopenta[def...	18.62	4.9	ng	145956	4	17.56	590558	20.0
Phenanthrene, 3,6...	19.33	3.4	ng	99069	4	17.56	590558	20.0