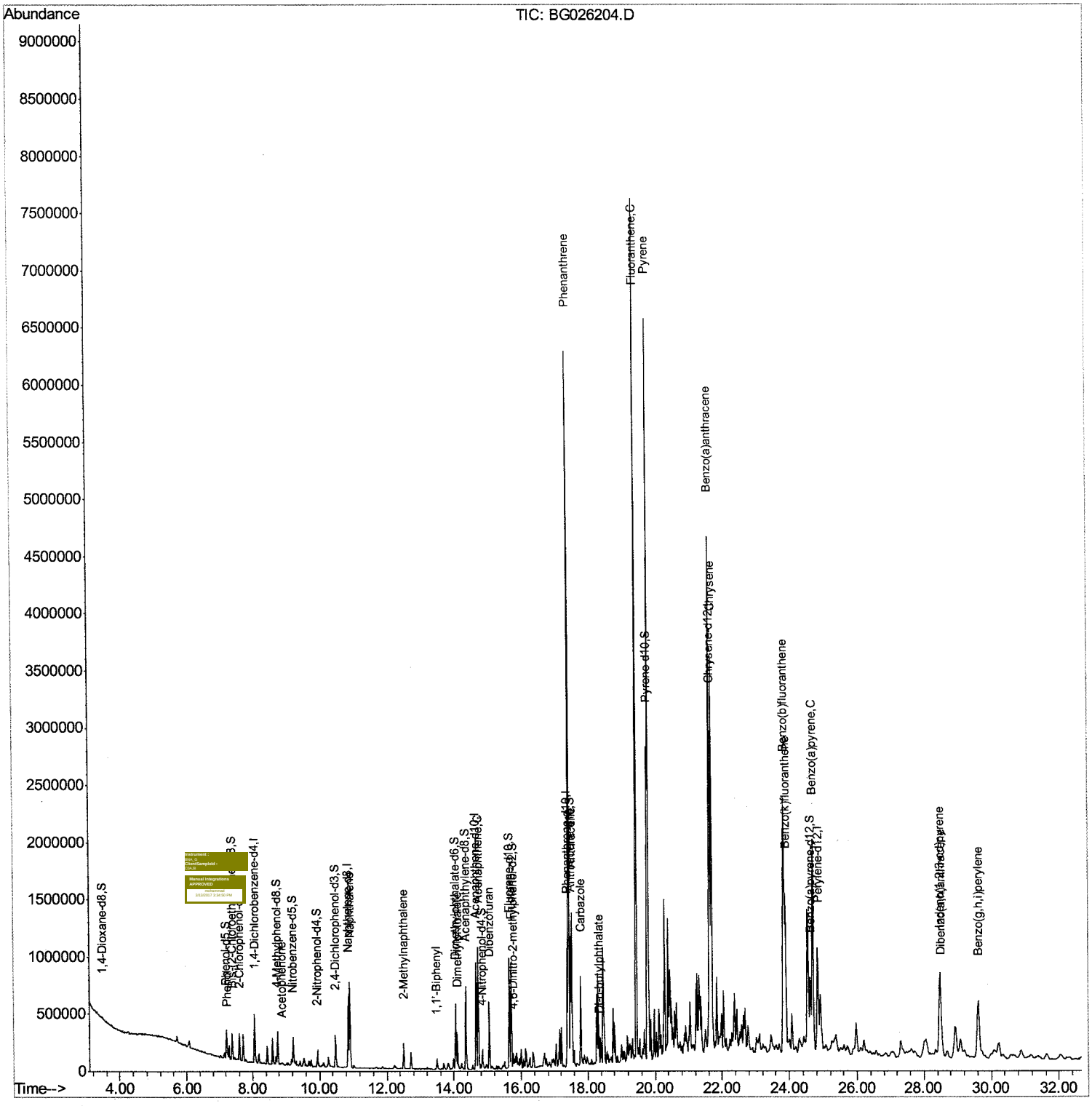
Data Path : Z:\HPCHEM1\BNA G\Data\BG031017\
Data File : BG026204.D
Acq On : 11 Mar 2017 11:57
Operator : SJ/MA
Sample : I2072-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 13 12:17:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 11 00:32:15 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG031017\
Data File : BG026204.D
Acq On : 11 Mar 2017 11:57
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Quant Time: Mar 13 12:14:11 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 11 00:32:15 2017
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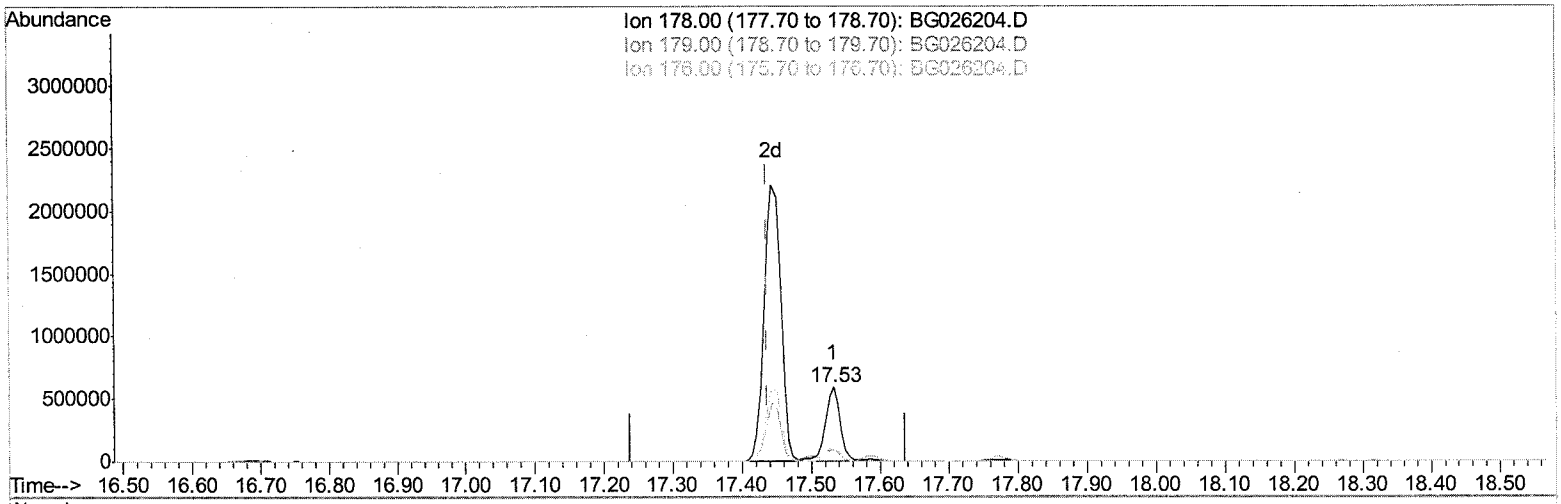

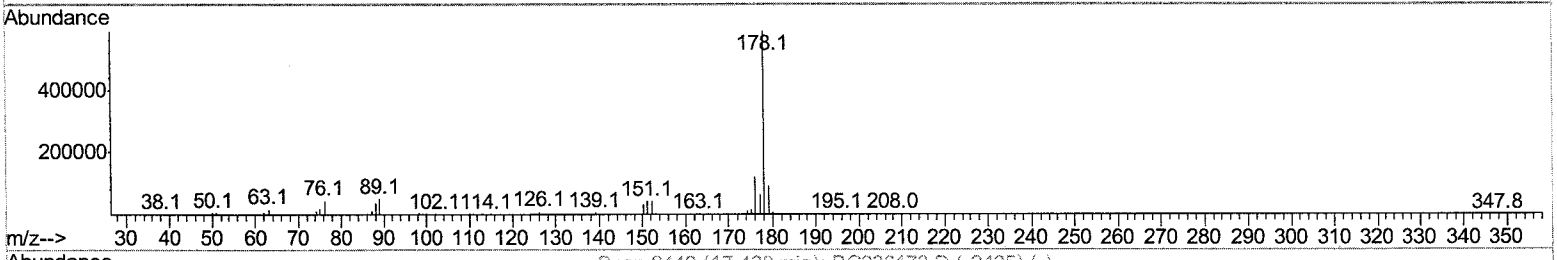

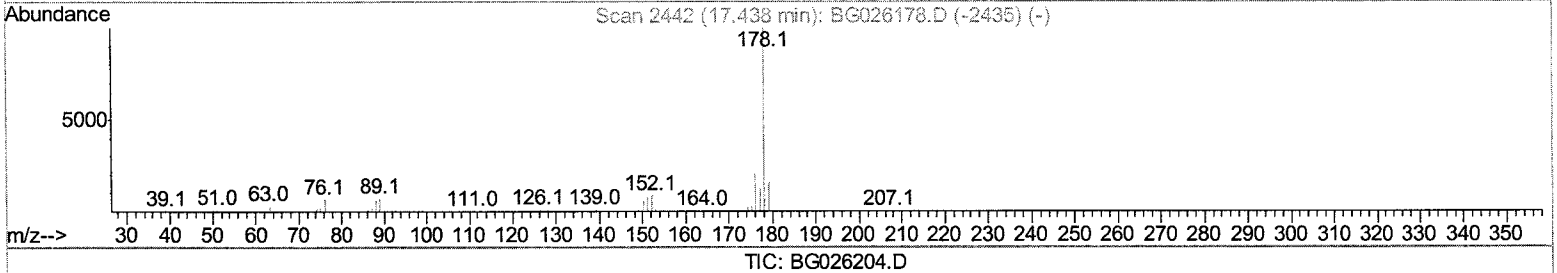

TIC: BG026204.D

(69) Phenanthrene

17.532min (+0.094) 22.69ng/ul

response 868888

Ion	Exp%	
178.00	100	100
179.00	15.30	15.90
176.00	19.50	20.35
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG031017\
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Operator : SJ/MA
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Misc :
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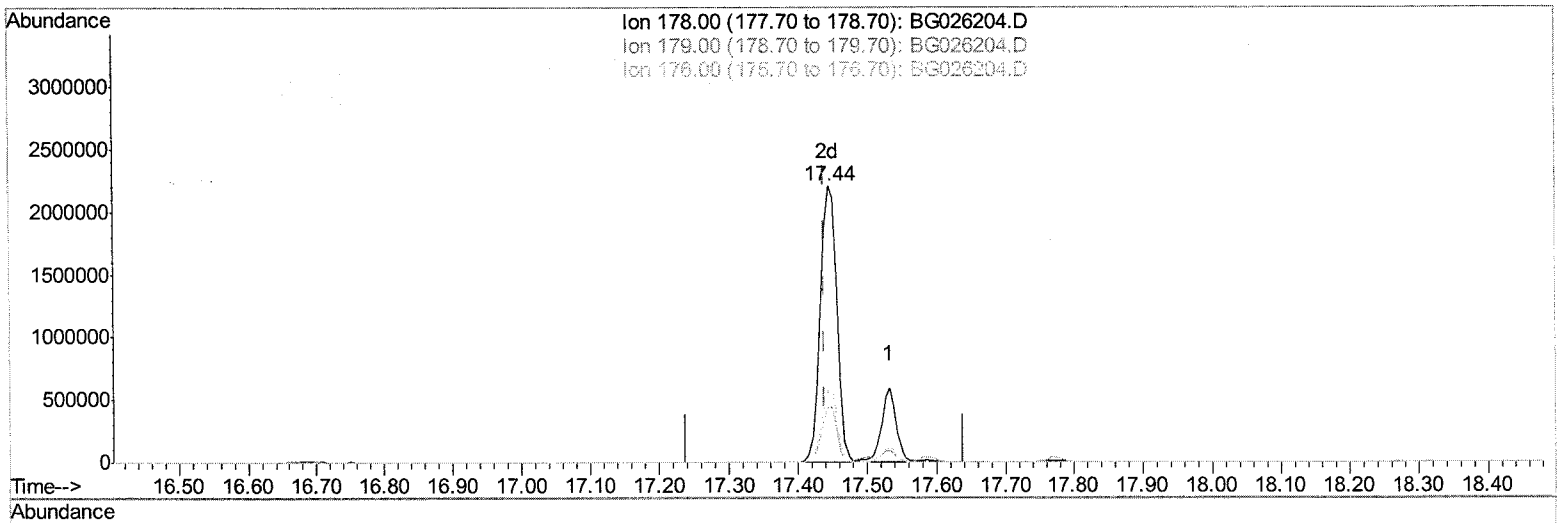
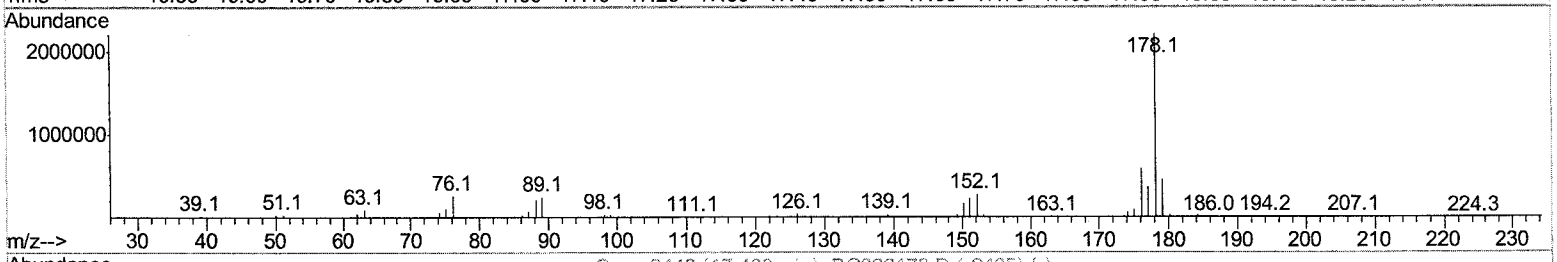
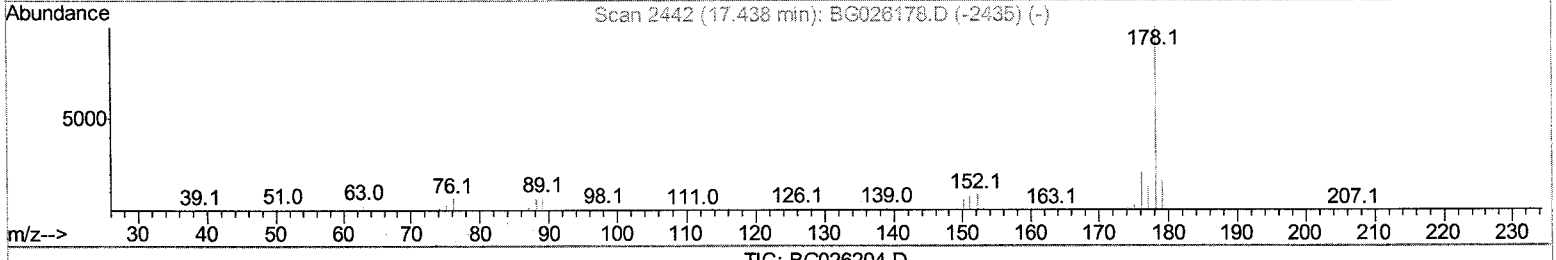






TIC: BG026204.D

(69) Phenanthrene

17.444min (+0.006) 97.03ng/ul m SJ 3/13/17

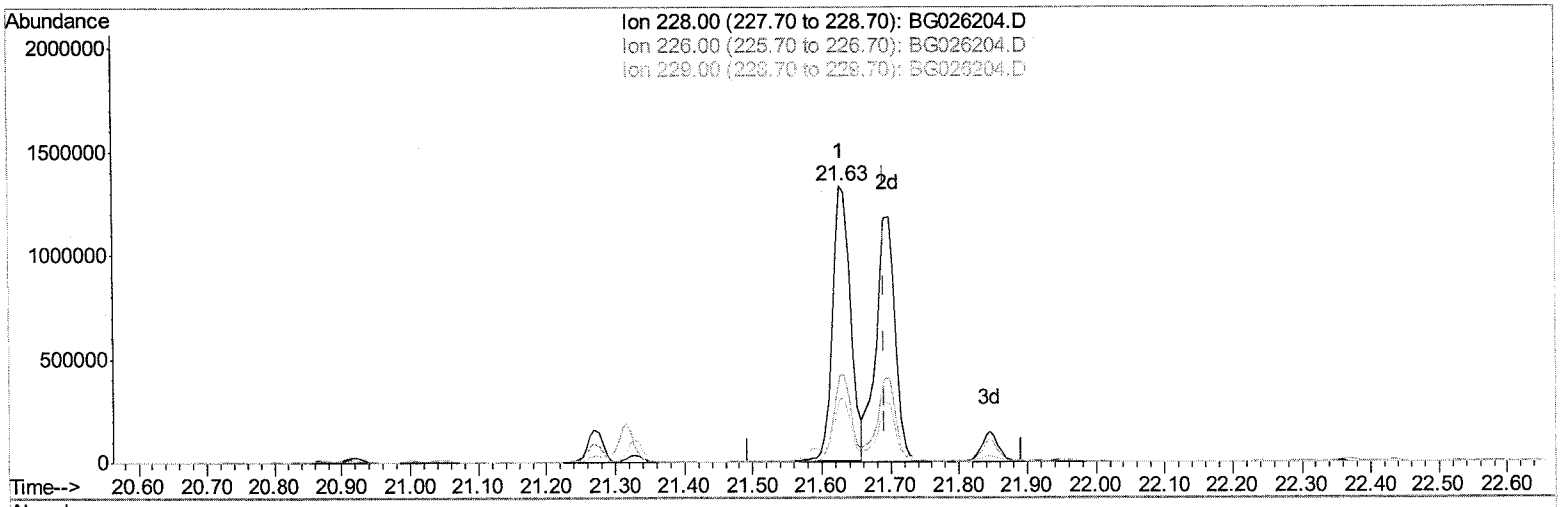
response 3715068

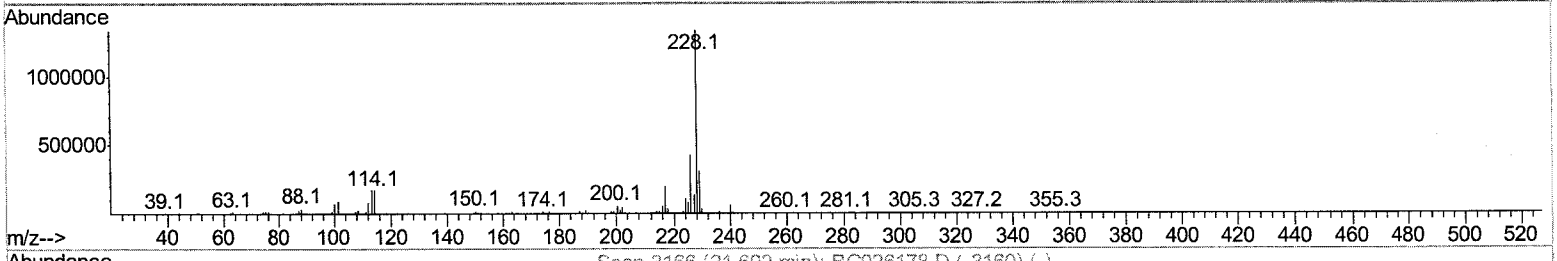
Ion	Exp%	
178.00	100	100
179.00	15.30	20.86#
176.00	19.50	26.73#
0.00	0.00	0.00

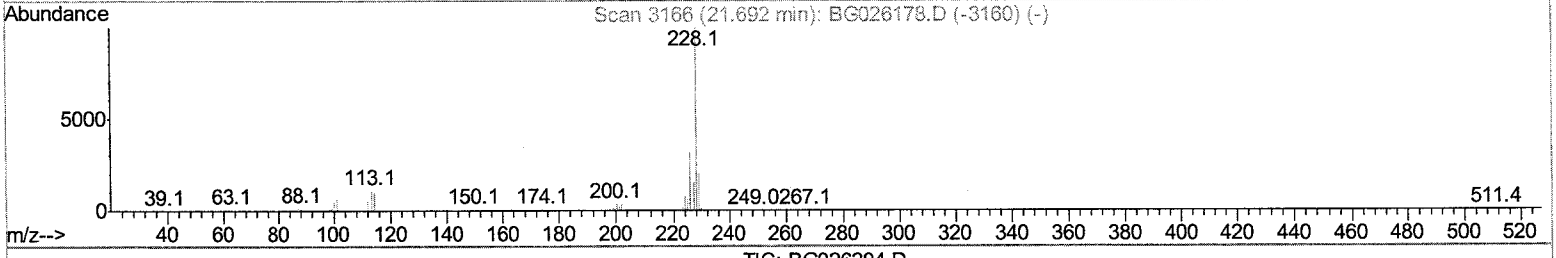
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG031017\
Data File : BG026204.D
Acq On : 11 Mar 2017 11:57
Operator : SJ/MA
Sample : I2072-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 13 12:14:11 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 11 00:32:15 2017
Response via : Initial Calibration







TIC: BG026204.D

(84) Chrysene

21.628min (-0.064) 58.35ng/ul

response 2374040

Ion	Exp%	
228.00	100	100
226.00	30.00	31.95
229.00	19.50	23.25
0.00	0.00	0.00

Quantitation Report (Qedit)

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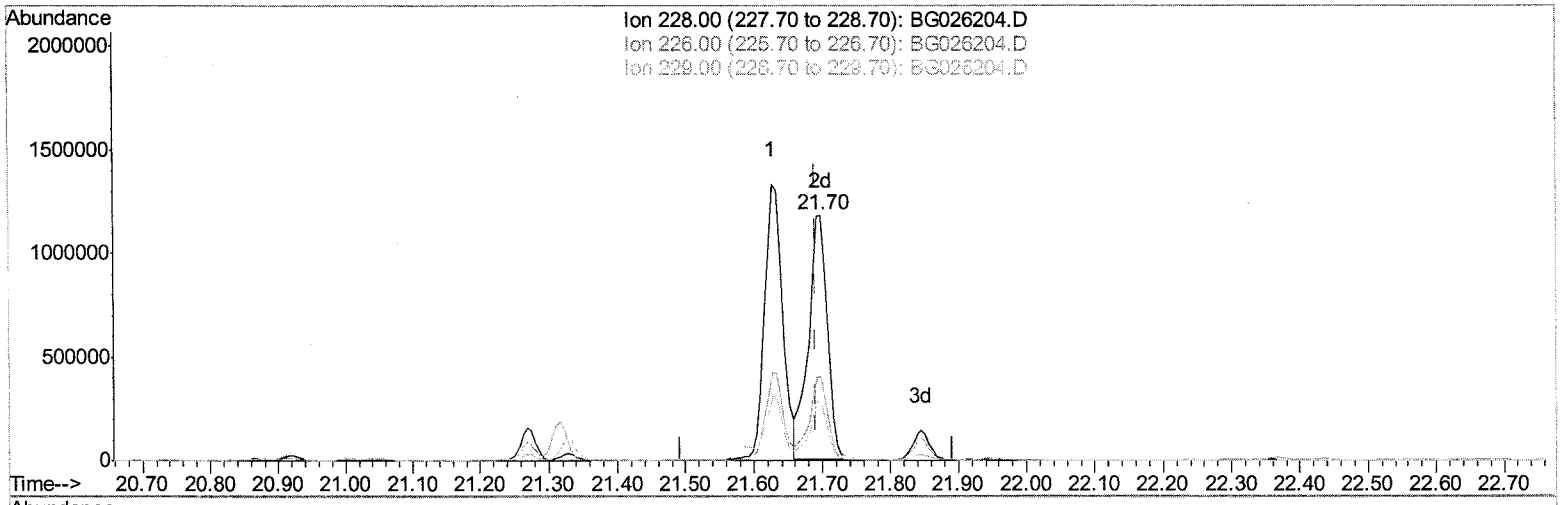
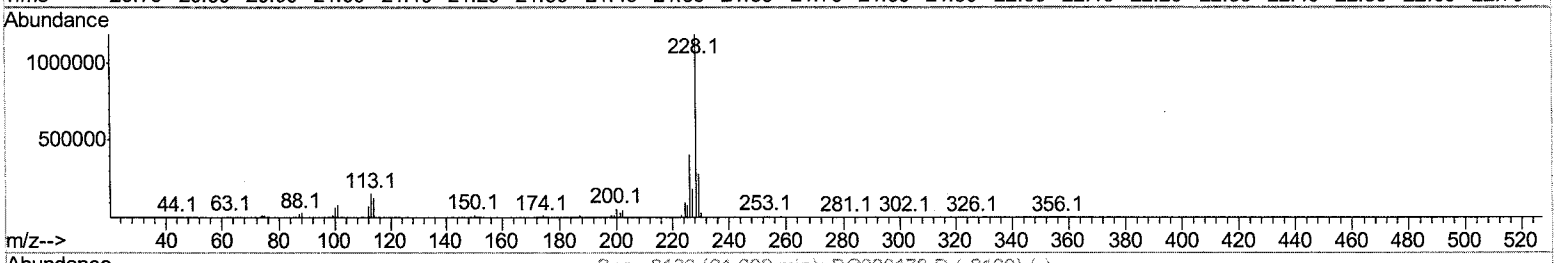
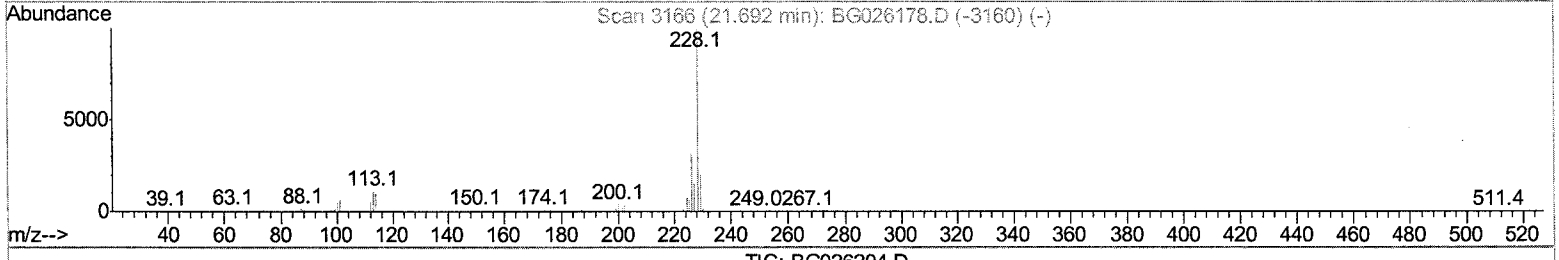
Data File : BG026204.D
Acq On : 11 Mar 2017 11:57
Operator : SJ/MA
Sample : I2072-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 13 12:14:11 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 11 00:32:15 2017
Response via : Initial Calibration







TIC: BG026204.D

(84) Chrysene

21.698min (+0.006) 55.99ng/ul m SJ 3/13/17

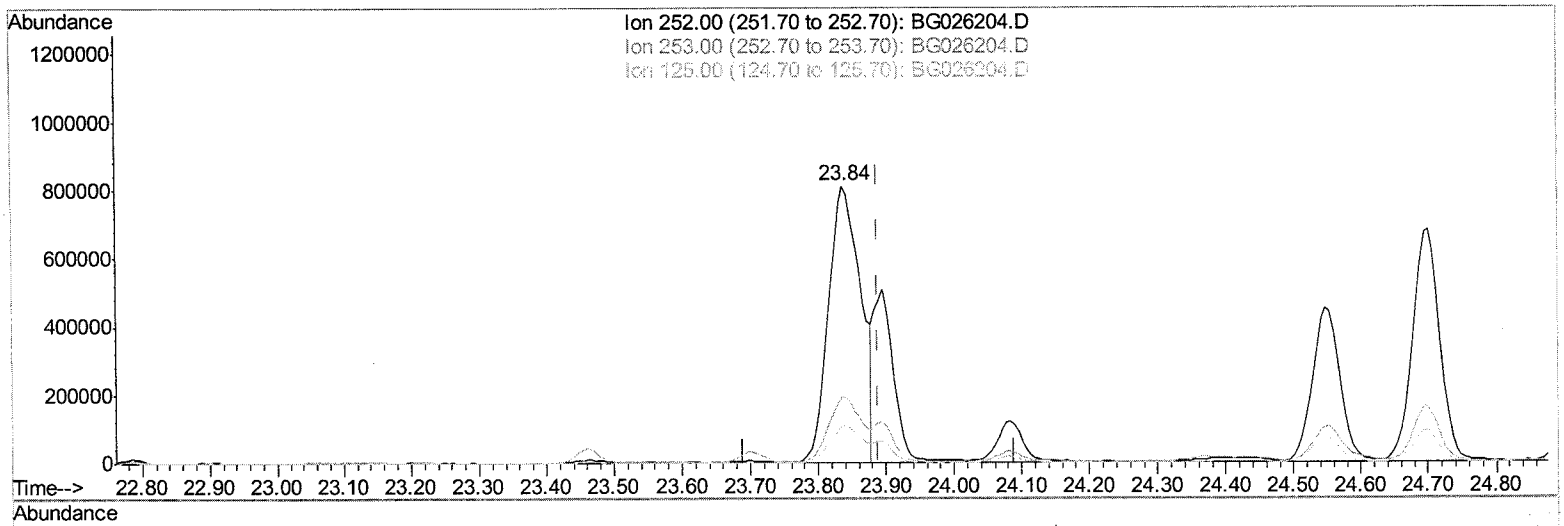
response 2277775

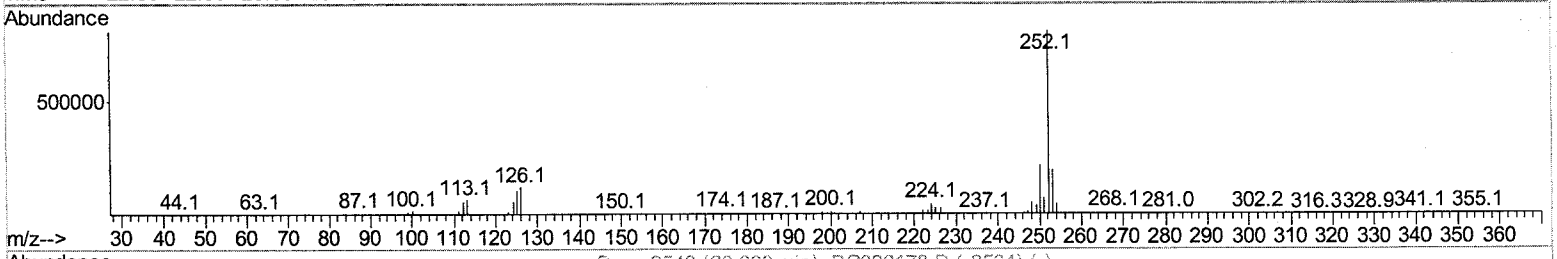
Ion	Exp%	
228.00	100	100
226.00	30.00	34.32
229.00	19.50	23.89#
0.00	0.00	0.00

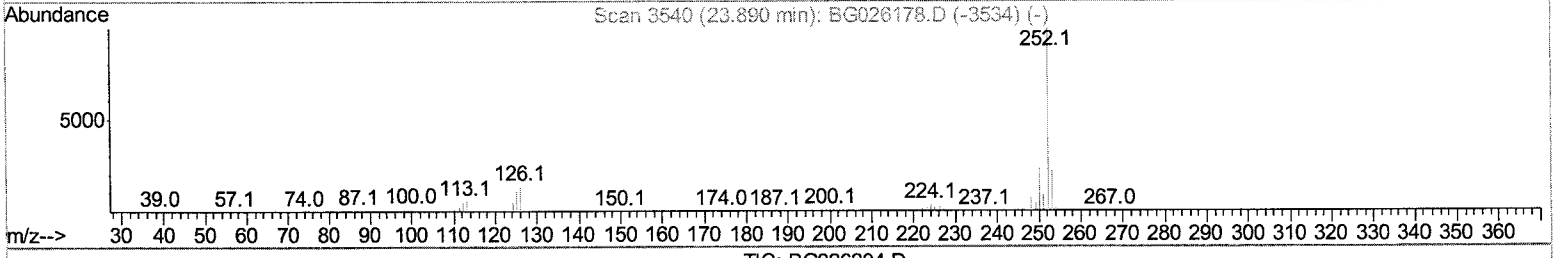
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG031017\
Data File : BG026204.D
Acq On : 11 Mar 2017 11:57
Operator : SJ/MA
Sample : I2072-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 13 12:14:11 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 11 00:32:15 2017
Response via : Initial Calibration







TIC: BG026204.D

(88) Benzo(k)fluoranthene

23.837min (-0.053) 65.81ng/ul

response 2712661

Ion	Exp%	
252.00	100	100
253.00	21.60	23.92
125.00	10.20	13.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG031017\
Data File : BG026204.D
Acq On : 11 Mar 2017 11:57
Operator : SJ/MA
Sample : I2072-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 13 12:14:11 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
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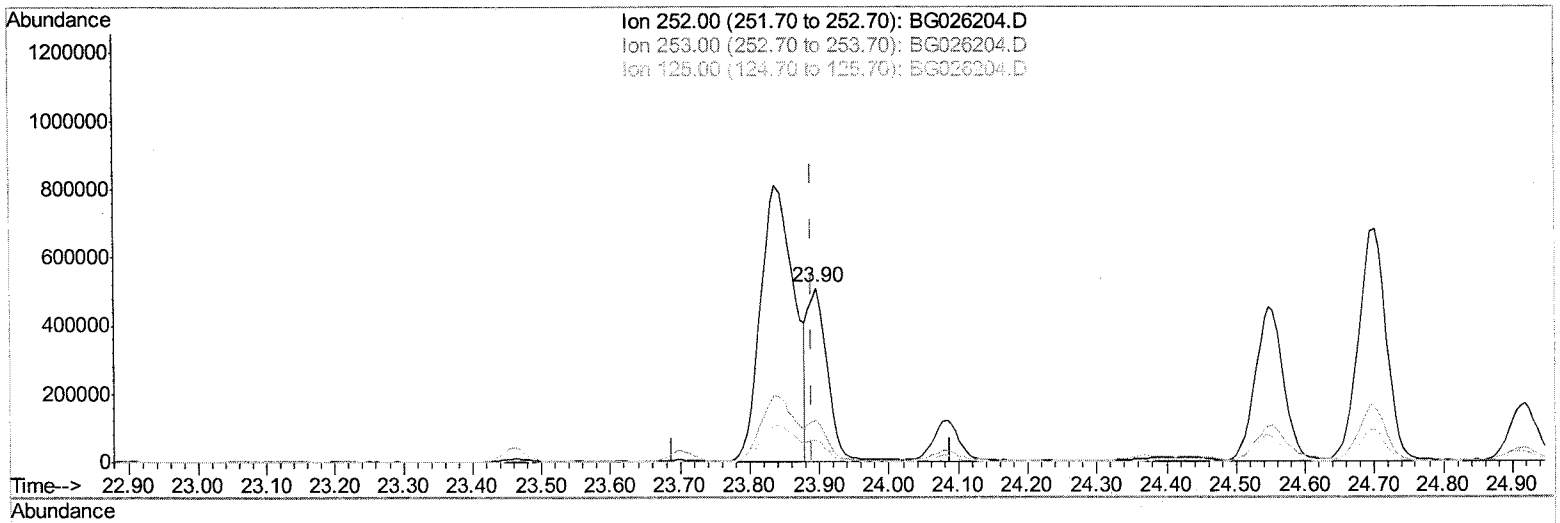

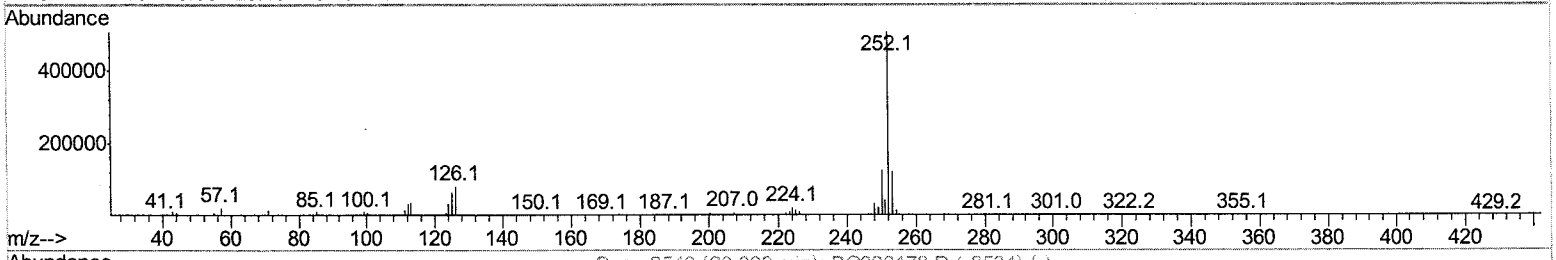

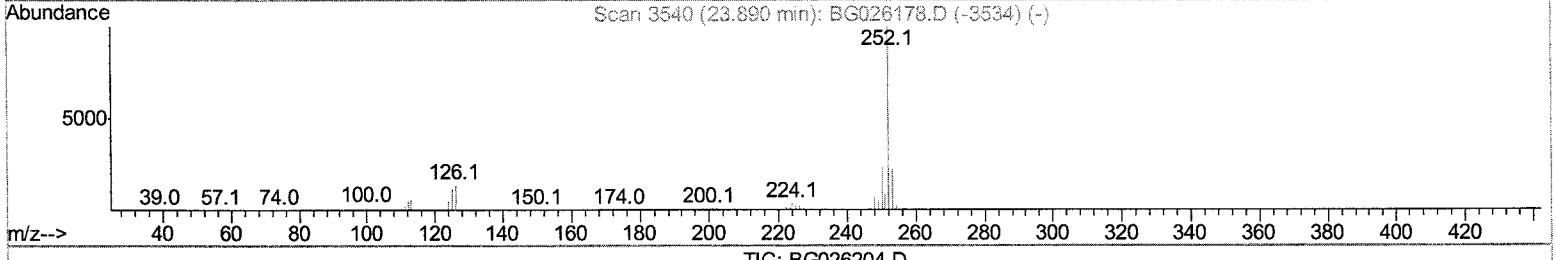

TIC: BG026204.D

(88) Benzo(k)fluoranthene

23.896min (+0.006) 23.89ng/ul m SJ 3/13/17

response 984945

Ion	Exp%	
252.00	100	100
253.00	21.60	23.92
125.00	10.20	12.04
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG031017\
Data File : BG026204.D
Acq On : 11 Mar 2017 11:57
Operator : SJ/MA
Sample : I2072-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 13 12:17:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 11 00:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	125856	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	557127	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	313874	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.40	188	722473	20.00	ng/ul	0.00
77) Chrysene-d12	21.65	240	777148	20.00	ng/ul	0.00
85) Perylene-d12	24.84	264	762953	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	5359	1.83	ng/uL	0.00
5) Phenol-d5	7.22	99	150058	16.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	110487	18.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	126043	16.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	118579	16.22	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	68124	16.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	53553	16.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	119665	16.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	1995	0.20	ng/ul	0.00
43) Dimethylphthalate-d6	14.07	166	404712	19.82	ng/ul	0.00
46) Acenaphthylene-d8	14.36	160	543514	19.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	46871	11.66	ng/ul	0.00
57) Fluorene-d10	15.65	176	399177	19.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	31613	9.33	ng/ul	0.00
70) Anthracene-d10	17.50	188	599504	18.29	ng/ul	0.00
78) Pyrene-d10	19.77	212	667133	20.87	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.62	264	632847	18.82	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.24	94	14180	1.46	ng/ul#	90
14) Acetophenone	8.88	105	14481	1.21	ng/ul#	71
28) Naphthalene	10.91	128	622941	22.95	ng/ul	98
34) 2-Methylnaphthalene	12.51	142	114023	5.62	ng/ul	96
40) 1,1'-Biphenyl	13.51	154	38696	1.68	ng/ul	97
44) Dimethylphthalate	14.11	163	223290	11.16	ng/ul	100
49) Acenaphthene	14.73	153	449735	23.21	ng/ul	97
53) Dibenzofuran	15.06	168	378326	13.95	ng/ul	93
58) Fluorene	15.71	166	422668	18.77	ng/ul	96
69) Phenanthrene	17.44	178	3715068m	97.03	ng/ul	
71) Anthracene	17.53	178	868888	22.51	ng/ul	97
74) Carbazole	17.79	167	509675	14.71	ng/ul	96
75) Di-n-butyl[illegible]late	18.35	149	36943	1.05	ng/ul	98
76) Fluoranthene	19.45	202	4260398	98.67	ng/ul#	83
79) Pyrene	19.81	202	3856472	97.31	ng/ul#	85
82) Benzo(a)anthracene	21.63	228	2375597	55.86	ng/ul	91
84) Chrysene	21.70	228	2277775m	55.99	ng/ul	
87) Benzo(b)fluoranthene	23.84	252	2712661	64.12	ng/ul#	95
88) Benzo(k)fluoranthene	23.90	252	984945m	23.89	ng/ul	
90) Benzo(a)pyrene	24.70	252	1845752	44.40	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	28.48	276	1120096	22.35	ng/ul	97
92) Dibenzo(a,h)anthracene	28.52	278	312116	7.55	ng/ul	95
93) Benzo(g,h,i)perylene	29.62	276	940922	22.60	ng/ul	99

SJ 3/13/17

SJ 3/13/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed