

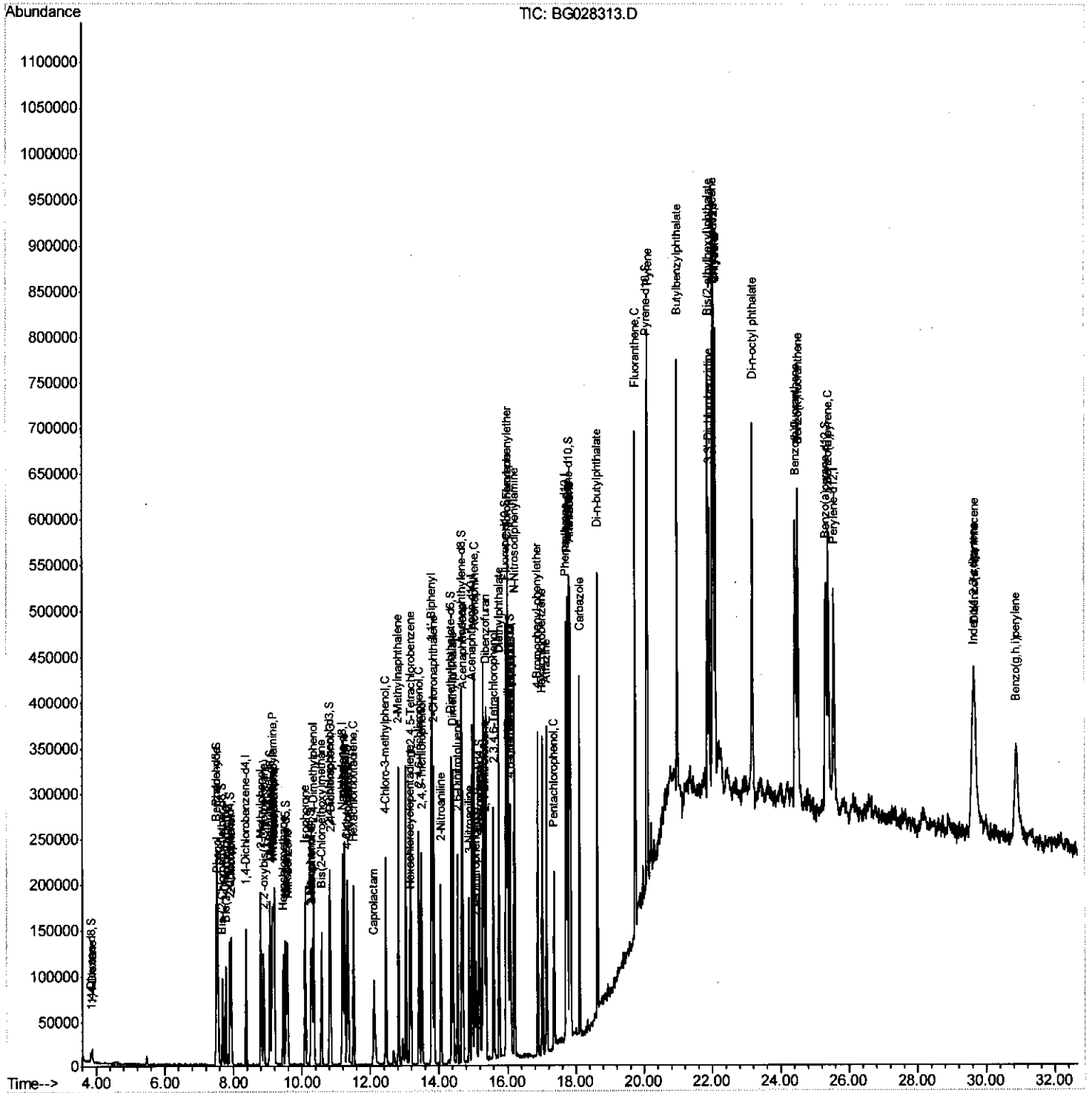
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Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\  
Data File : BG028313.D  
Acq On : 12 Aug 2017 6:50  
Operator : SJ/JU  
Sample : SSTDCCC020EC  
Misc :  
ALS Vial : 2 Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTD02066

Manual Integrations

sohil
8/14/2017 7:00:08 PM

Quant Time: Aug 14 13:27:30 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 12 02:00:35 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

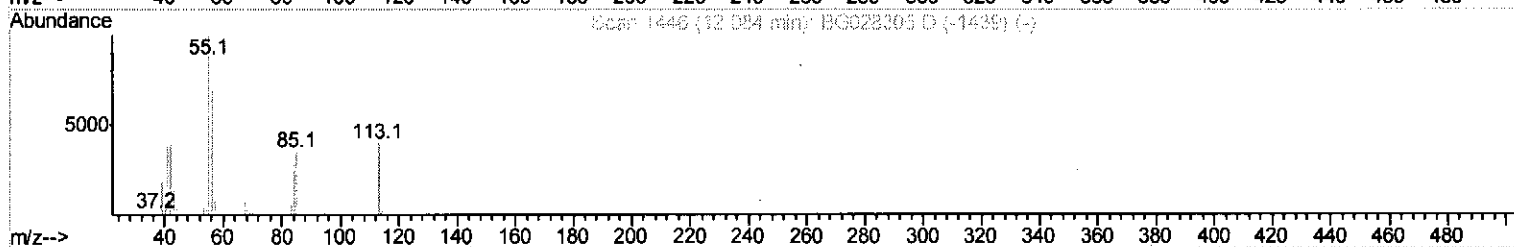
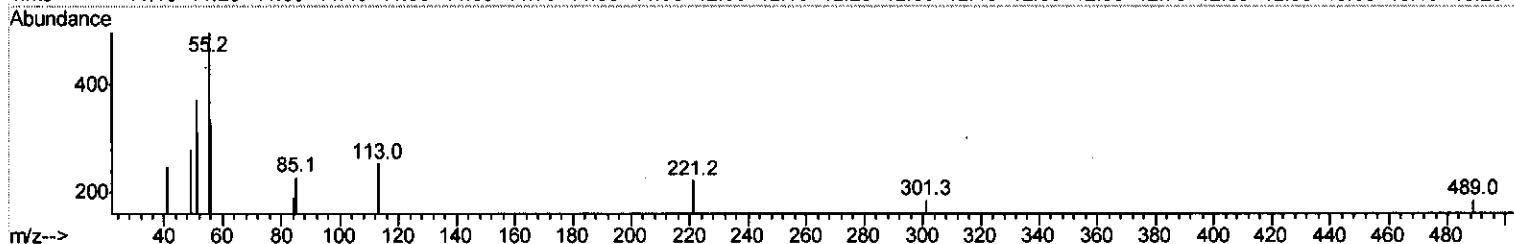
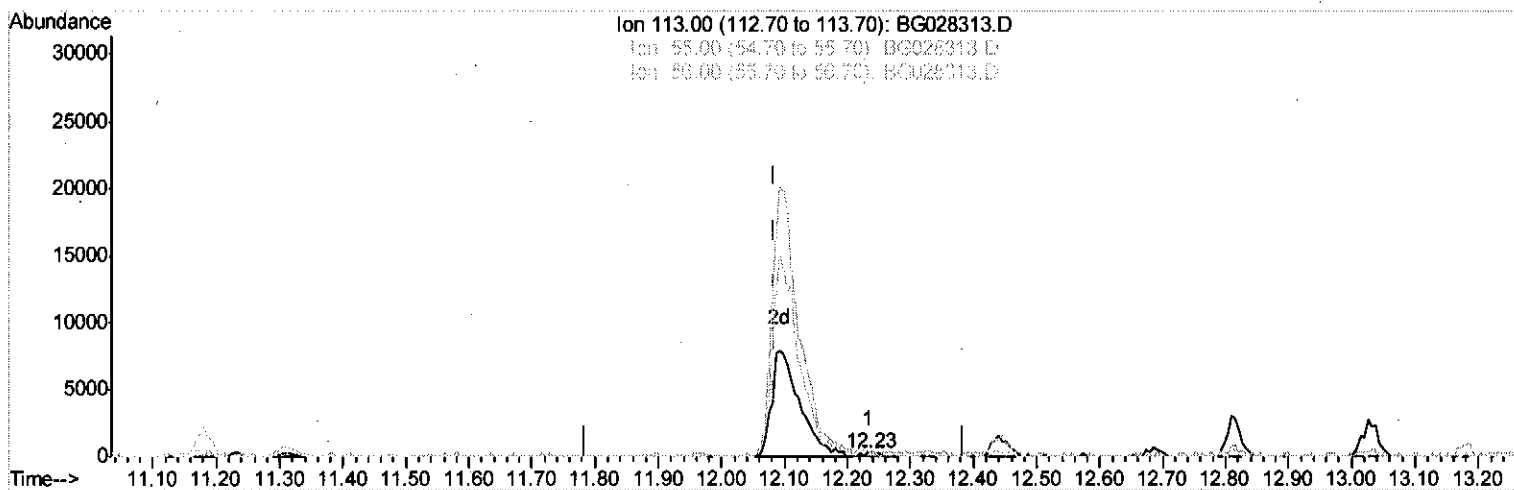
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\
Data File : BG028313.D
Acq On : 12 Aug 2017 6:50
Operator : SJ/JU
Sample : SSTDCCC020EC
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BNA_G
LabSampleId :
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Manual Integrations
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Quant Time: Aug 14 13:16:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 12 02:00:35 2017
Response via : Initial Calibration



TIC: BG028313.D

(32) Caprolactam

12.233min (+0.150) 0.27ng/ul

response 344

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	195.28
56.00	160.60	131.10
0.00	0.00	0.00

Quantitation Report (Qedit)

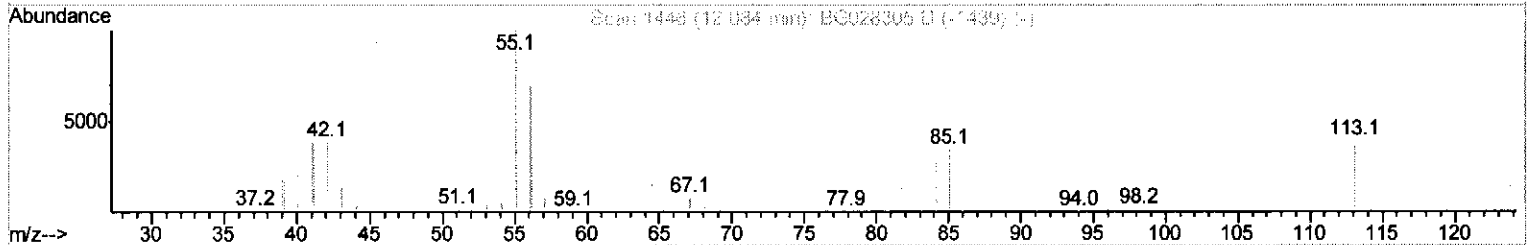
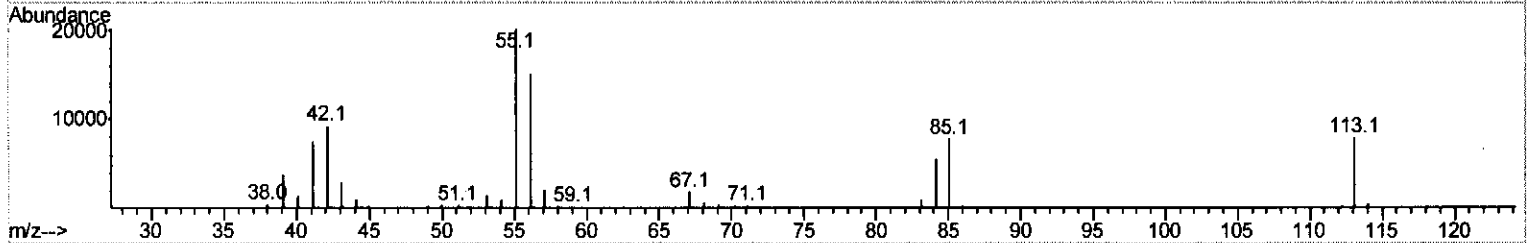
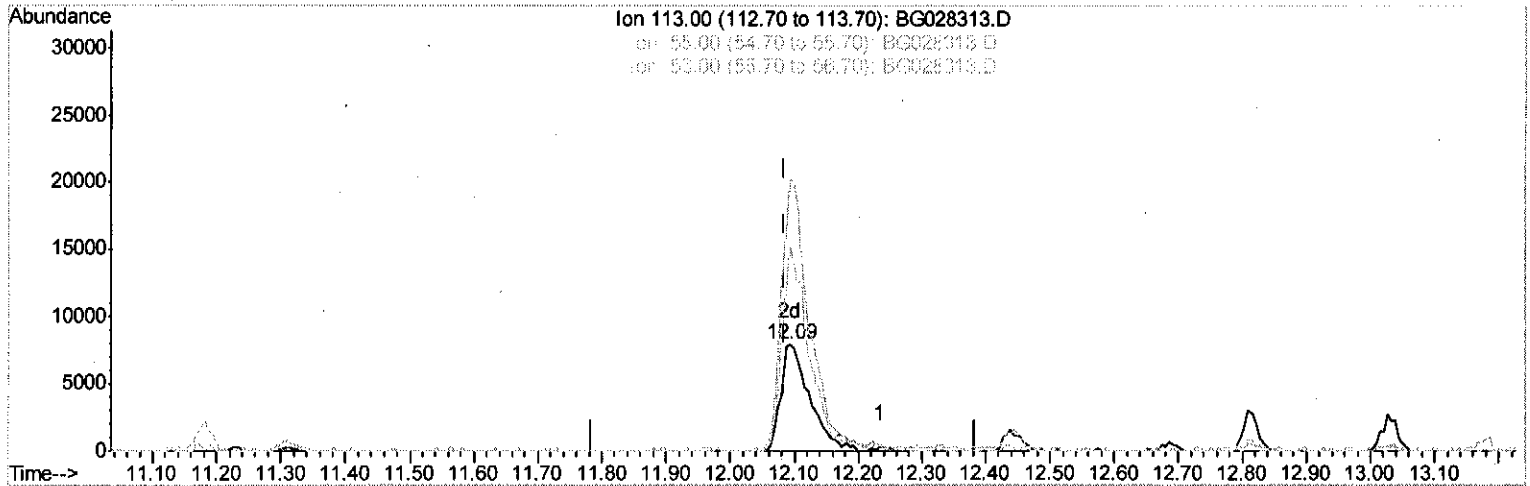
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\
 Data File : BG028313.D
 Acq On : 12 Aug 2017 6:50
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
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Manual Integrations
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Quant Time: Aug 14 13:16:00 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 12 02:00:35 2017
 Response via : Initial Calibration



TIC: BG028313.D

(32) Caprolactam

12.092min (+0.009) 19.38ng/ul m

SJ 8/17/17

response 24511

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	254.91#
56.00	160.60	190.78
0.00	0.00	0.00

Quantitation Report (Qedit)

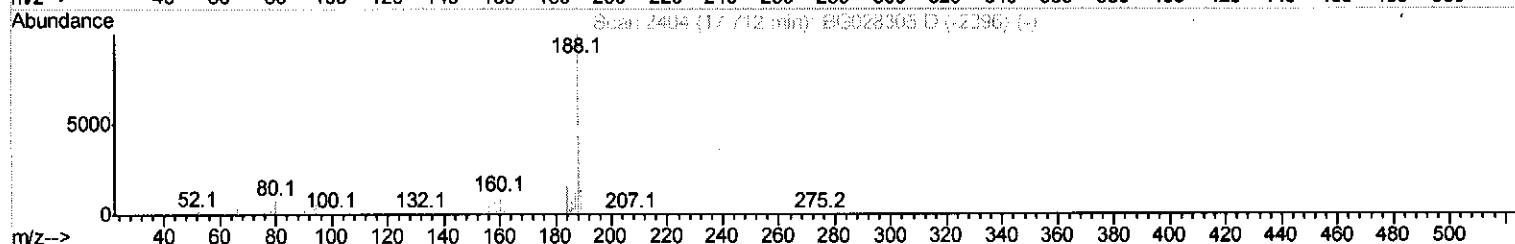
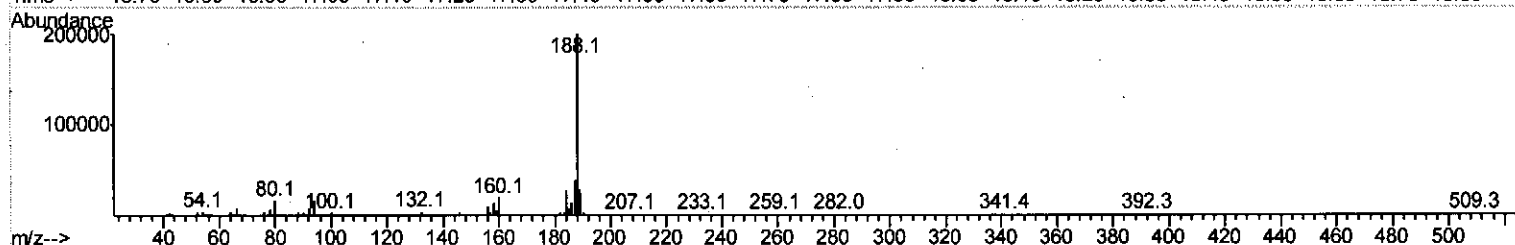
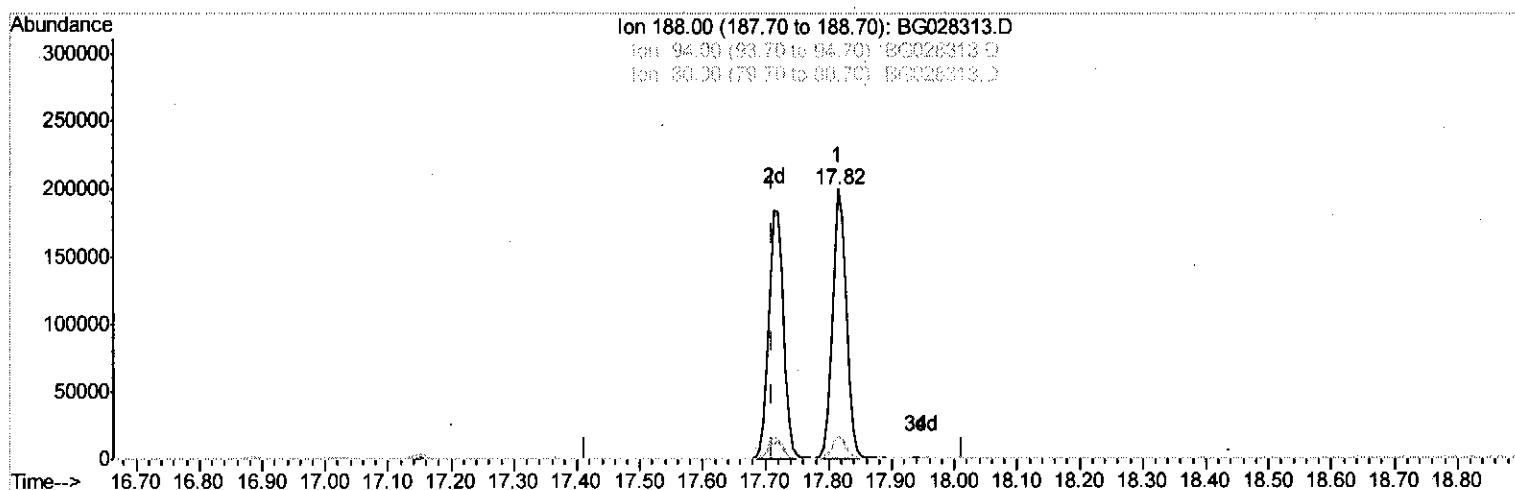
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\
Data File : BG028313.D
Acq On : 12 Aug 2017 6:50
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampled :
SSTD02066

Manual Integrations
APPROVED

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Quant Time: Aug 14 13:16:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
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TIC: BG028313.D

(61) Phenanthrene-d10 (I)

17.815min (+0.103) 20.00ng/ul

response 304289

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.09
80.00	9.50	8.28
0.00	0.00	0.00

Quantitation Report (Qedit)

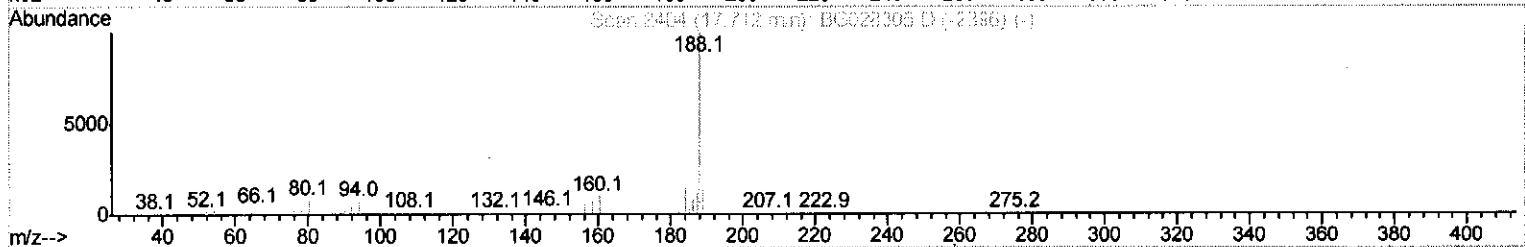
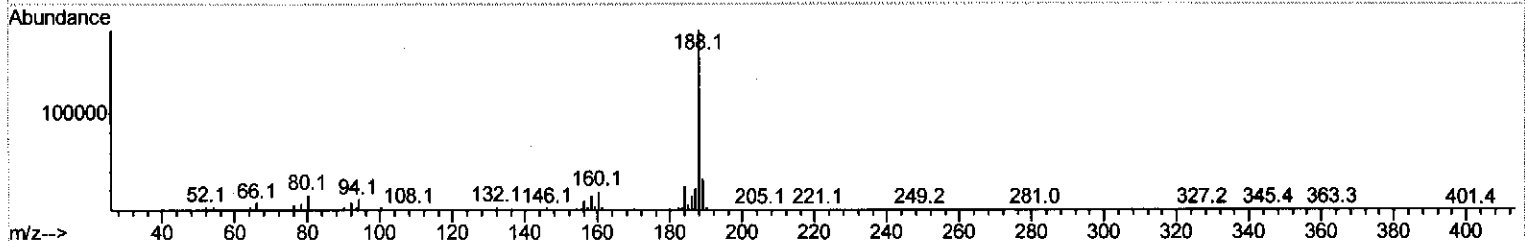
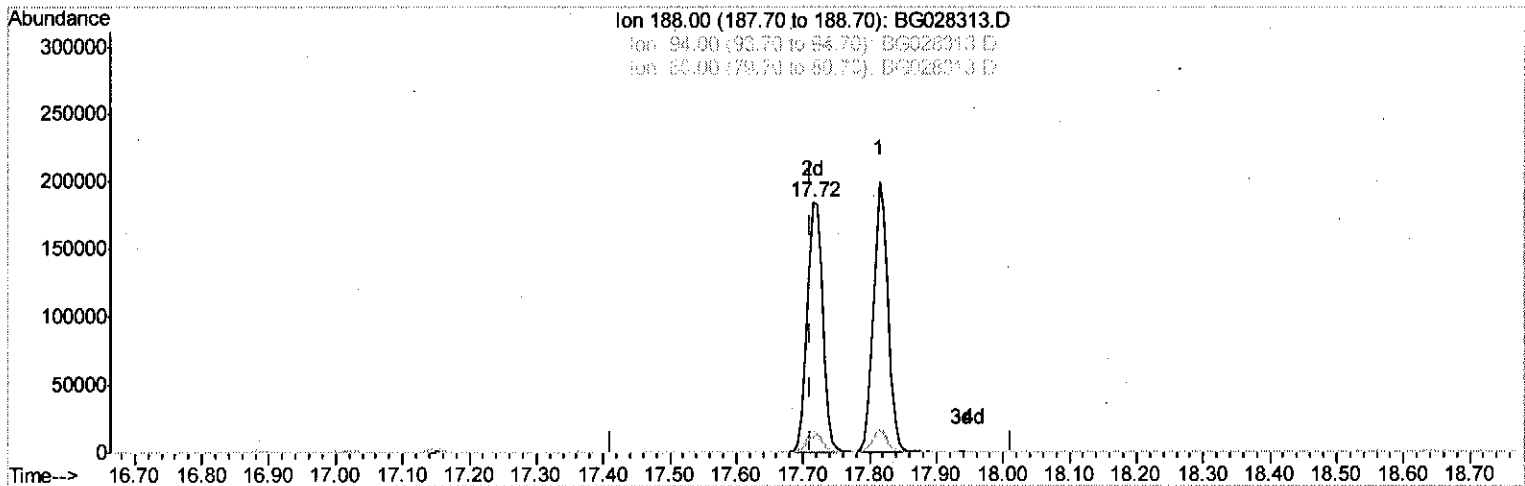
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\
Data File : BG028313.D
Acq On : 12 Aug 2017 6:50
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02066

Manual Integrations
APPROVED

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Quant Time: Aug 14 13:16:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 12 02:00:35 2017
Response via : Initial Calibration



TIC: BG028313.D

(61) Phenanthrene-d10 (I)

17.715min (+0.003) 20.00ng/ul m

response 298471

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.15#
80.00	9.50	8.40
0.00	0.00	0.00

Quantitation Report (Qedit)

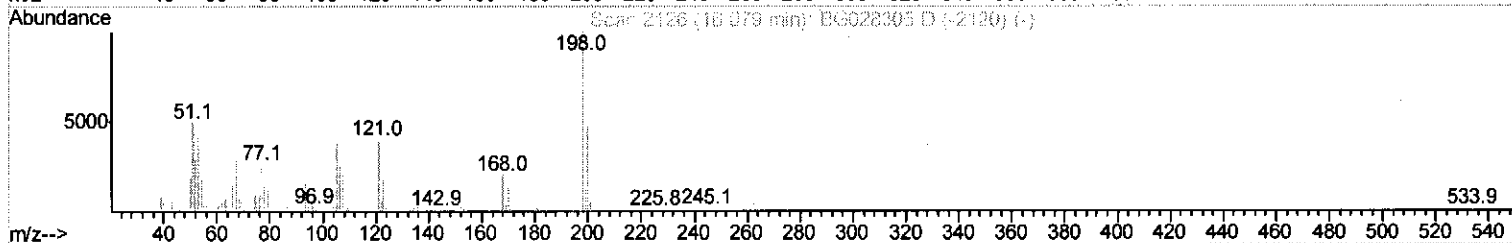
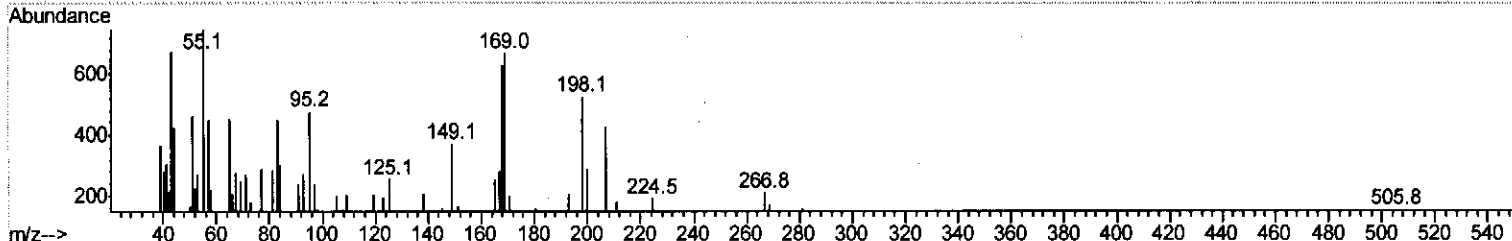
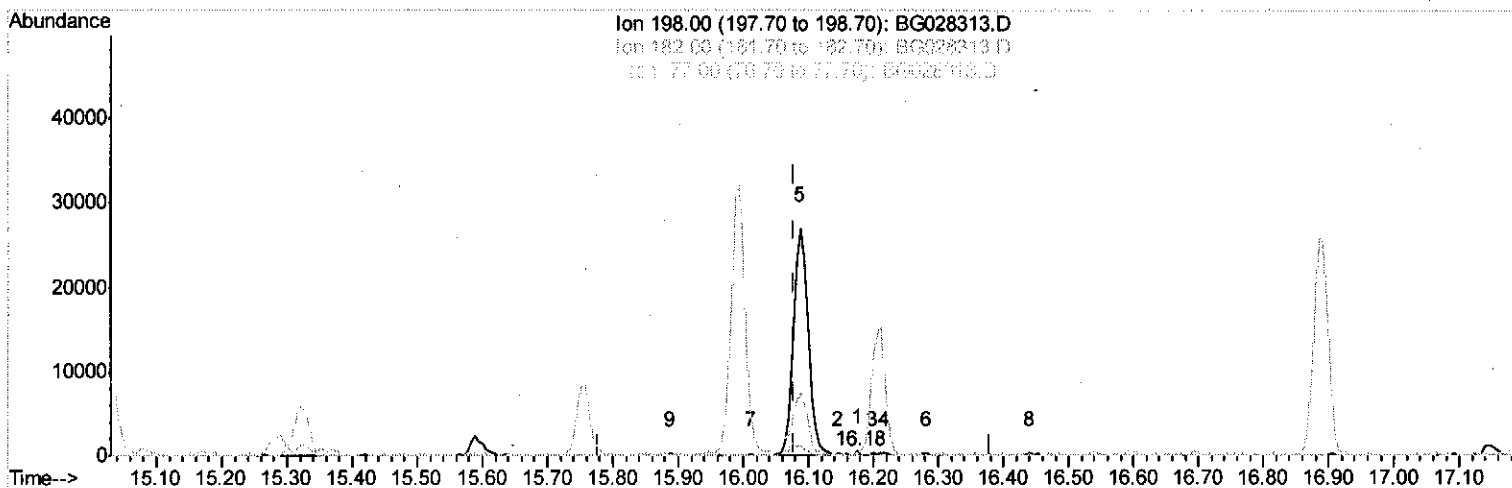
Data Path : Z:\HPCHEM1\BNA.G\DATA\BG081117\
 Data File : BG028313.D
 Acq On : 12 Aug 2017 6:50
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02066

Manual Integrations
 APPROVED

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Quant Time: Aug 14 13:16:00 2017
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TIC: BG028313.D

(63) 4,6-Dinitro-2-methylphenol

16.176min (+0.097) 0.09ng/ul

response 185

Ion	Exp%	Act%
198.00	100	100
182.00	6.10	0.00#
77.00	28.00	55.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

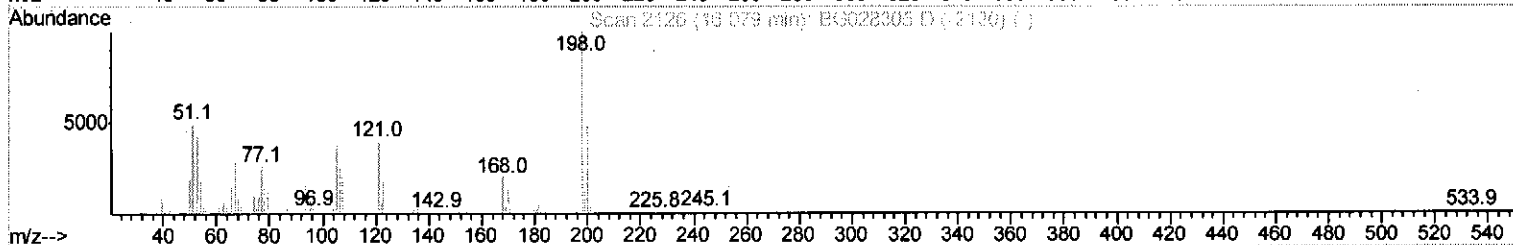
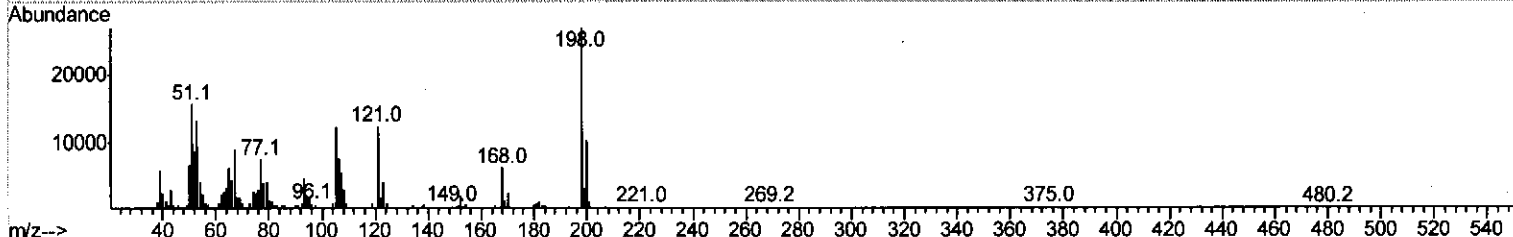
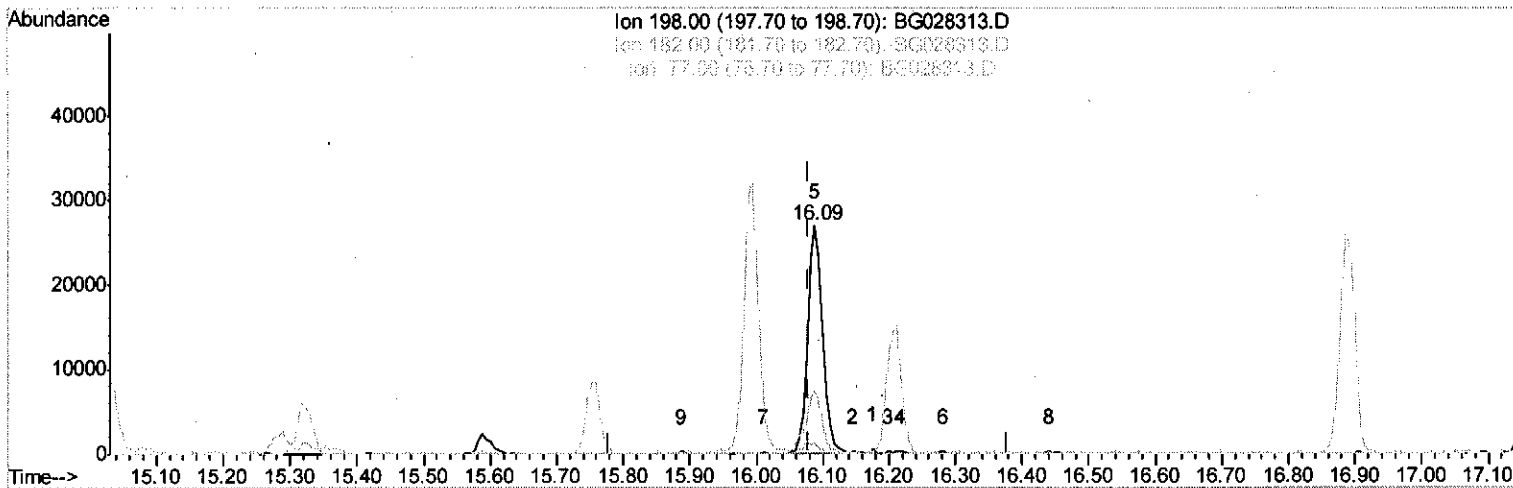
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\
 Data File : BG028313.D
 Acq On : 12 Aug 2017 6:50
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02066

Manual Integrations
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Quant Time: Aug 14 13:16:00 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
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TIC: BG028313.D

(63) 4,6-Dinitro-2-methylphenol

16.088min (+0.009) 21.55ng/ul m

response 42372

Ion Exp% Act%

198.00 100 100

182.00 6.10 4.31#

77.00 28.00 27.66

0.00 0.00 0.00

SJ
 8/17/17

Quantitation Report (Qedit)

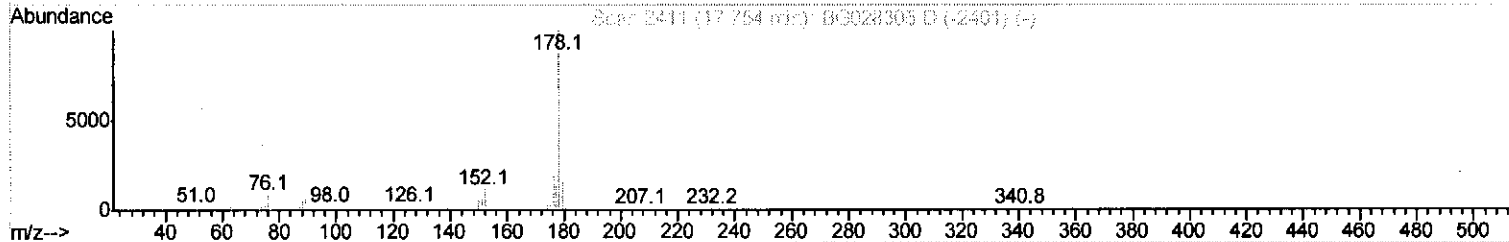
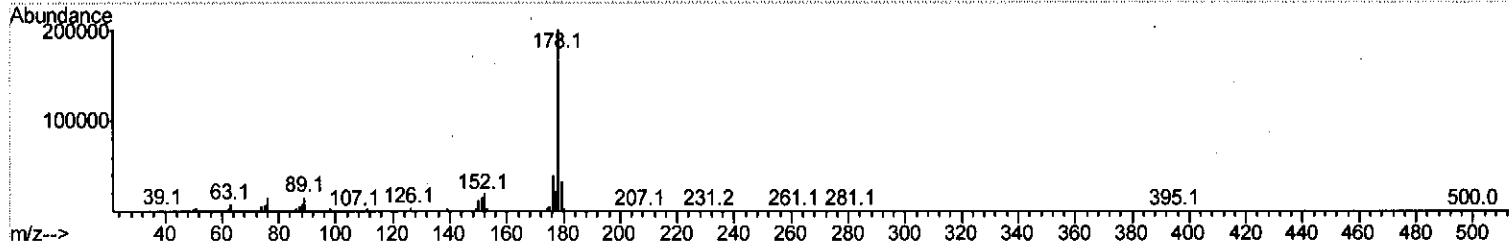
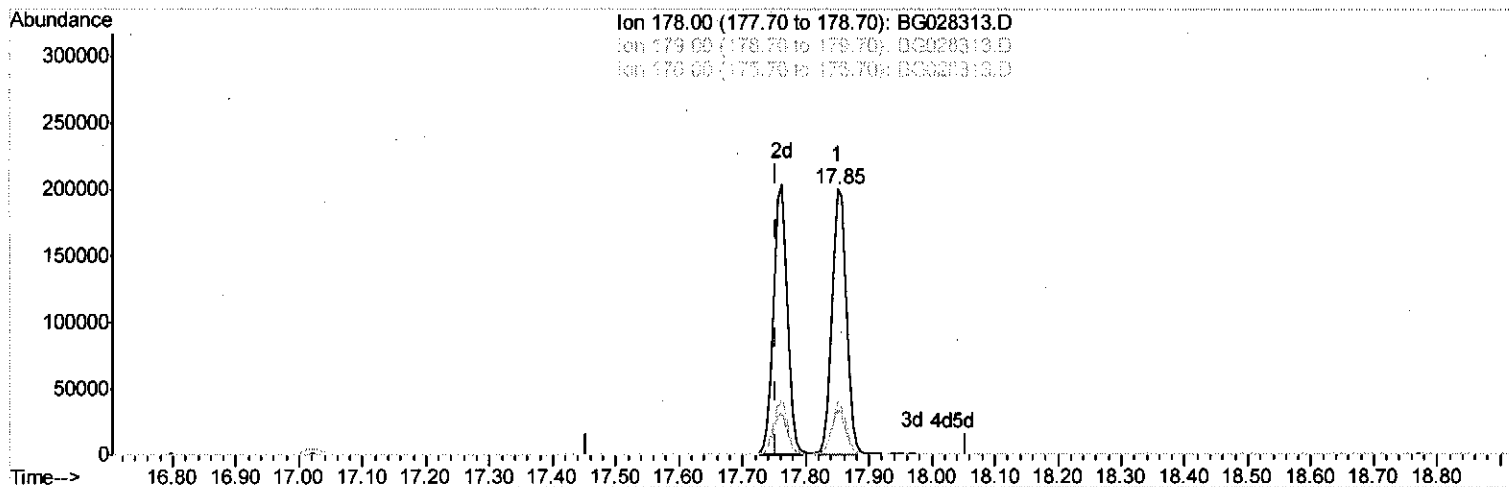
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\
 Data File : BG028313.D
 Acq On : 12 Aug 2017 6:50
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02066

Manual Integrations
 APPROVED

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Quant Time: Aug 14 13:16:00 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 12 02:00:35 2017
 Response via : Initial Calibration



TIC: BG028313.D

(69) Phenanthrene

17.850min (+0.097) 21.44ng/ul

response 322103

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	16.49
176.00	20.60	19.66
0.00	0.00	0.00

Quantitation Report (Qedit)

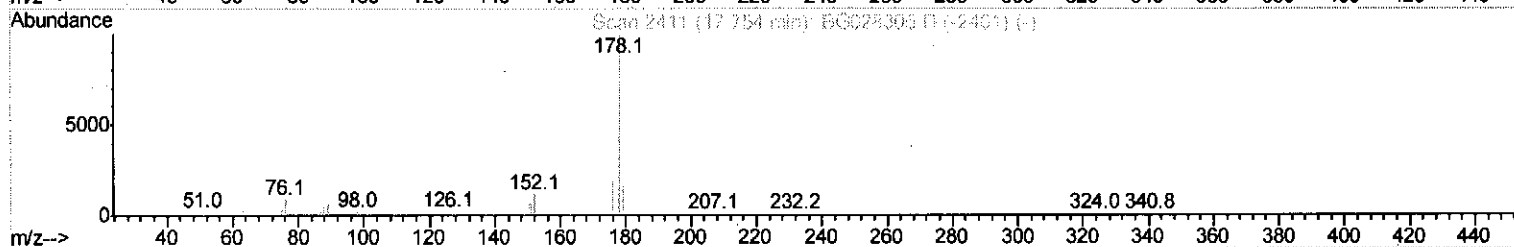
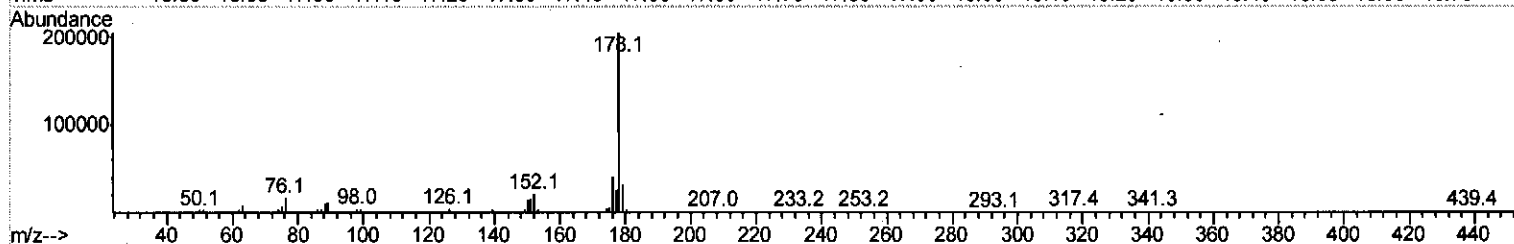
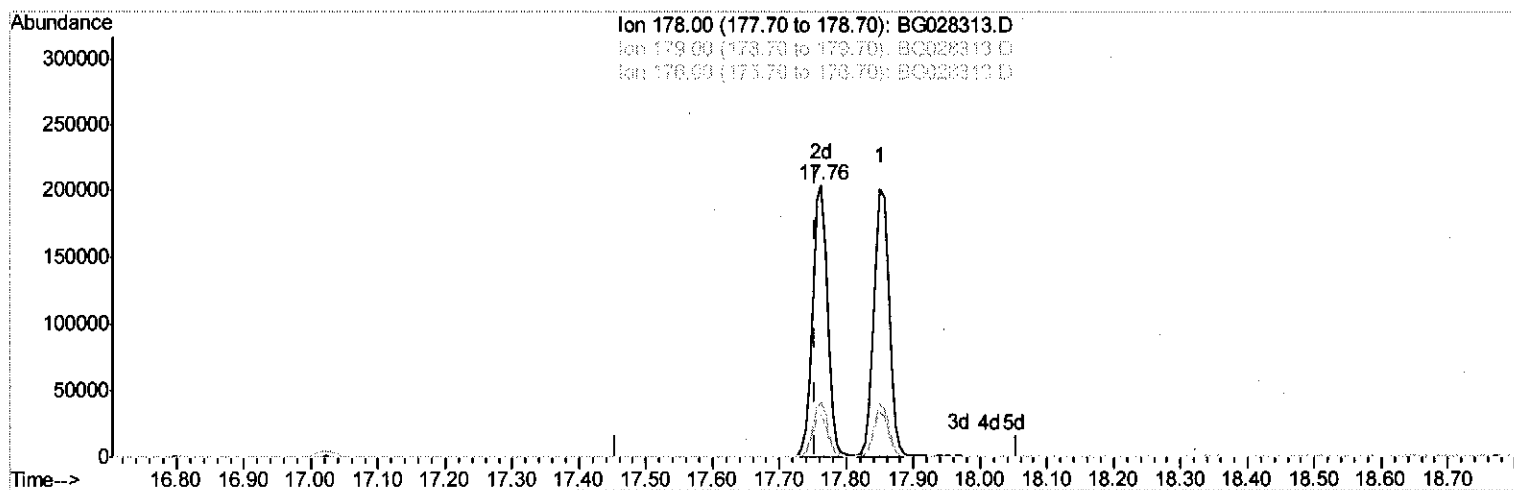
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\
Data File : BG028313.D
Acq On : 12 Aug 2017 6:50
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampled :
SSTD02066

Manual Integrations
APPROVED

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 12 02:00:35 2017
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TIC: BG028313.D

(69) Phenanthrene

17.762min (+0.009) 20.96ng/ul m

response 314882

SJ
8/17/17

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	15.49
176.00	20.60	19.90
0.00	0.00	0.00

Quantitation Report (Qedit)

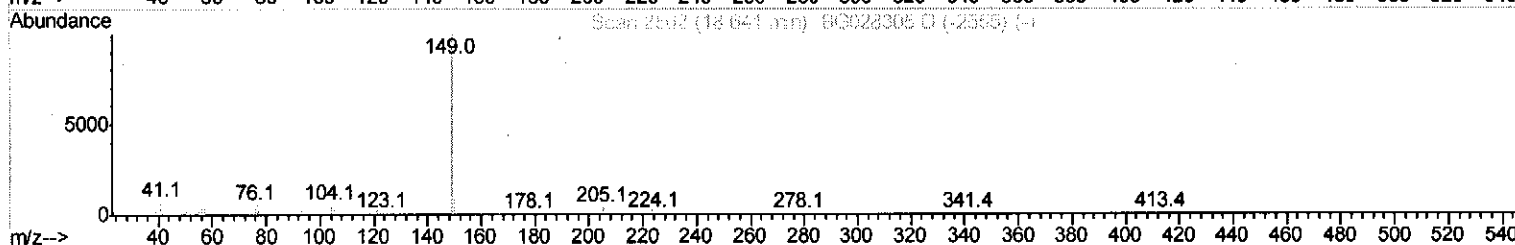
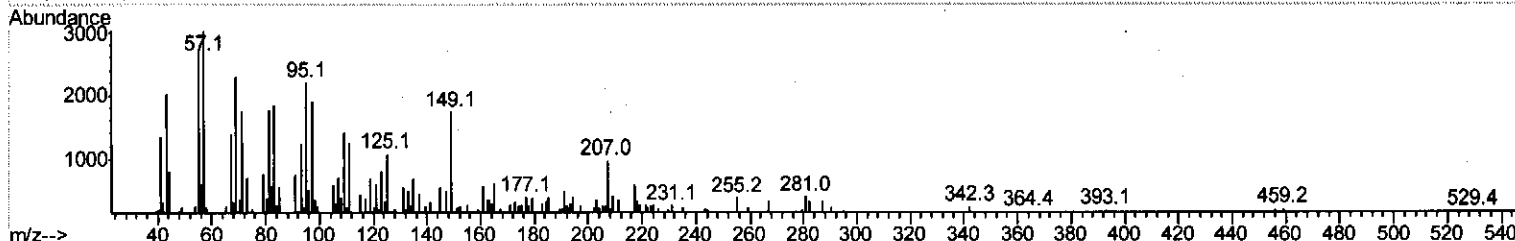
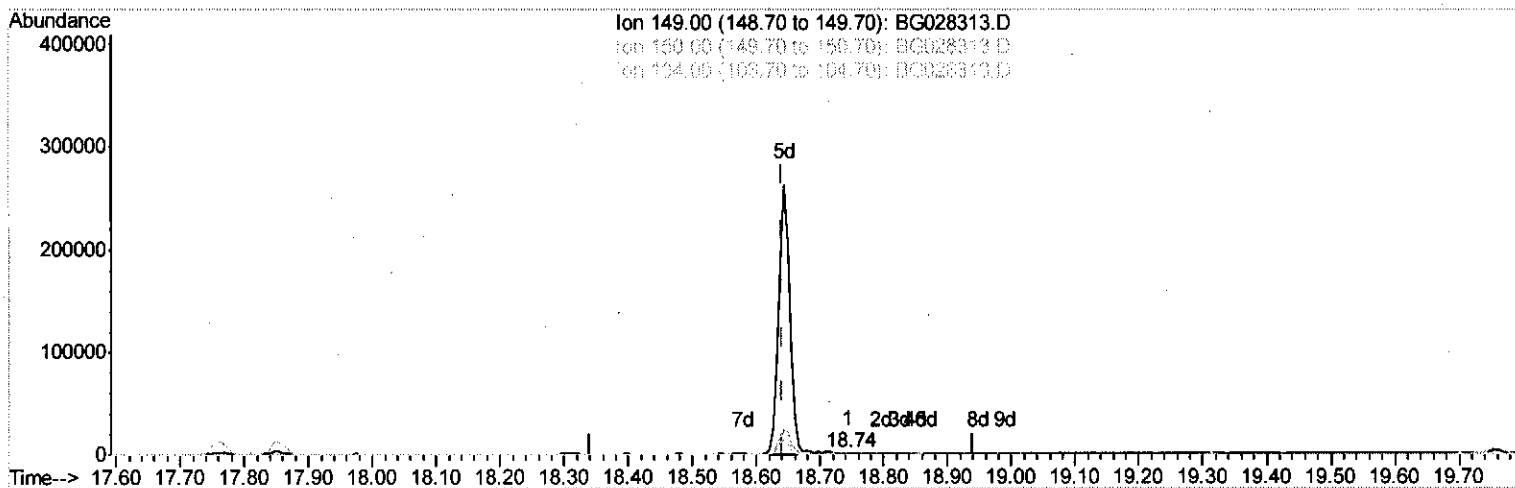
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\
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 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BG028313.D

(73) Di-n-butylphthalate

18.744min (+0.103) 0.09ng/ul

response 1563

Ion	Exp%	Act%
149.00	100	100
150.00	9.90	0.00#
104.00	7.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

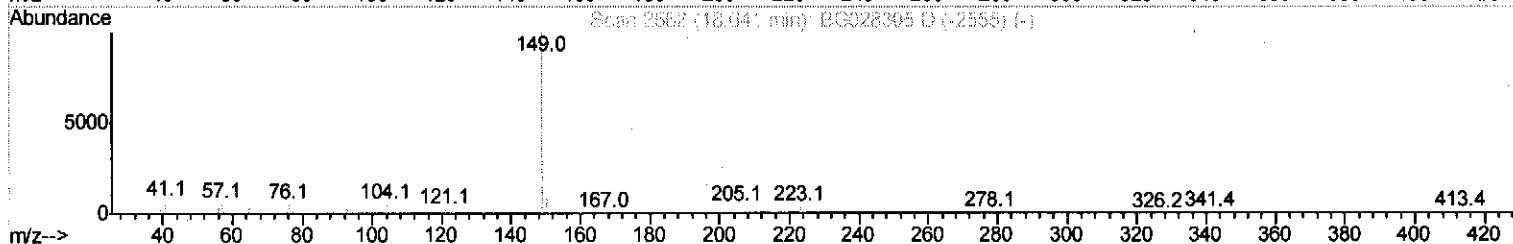
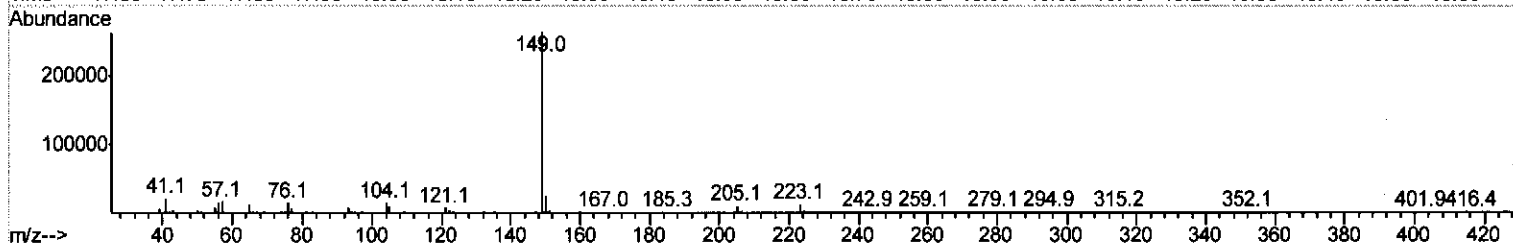
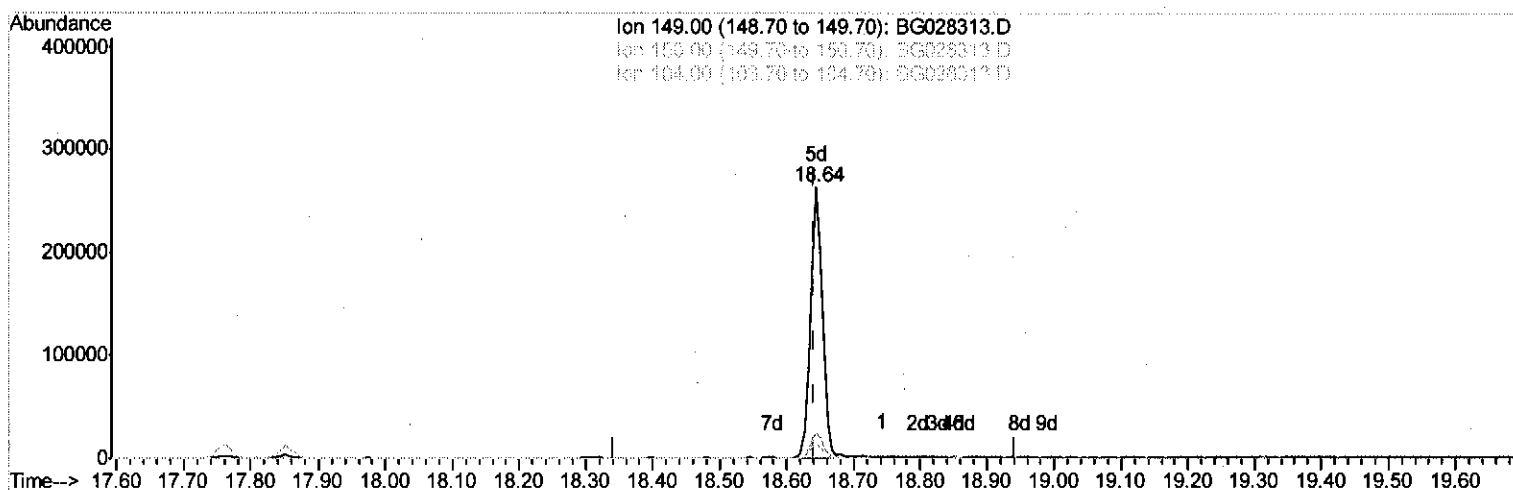
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\
Data File : BG028313.D
Acq On : 12 Aug 2017 6:50
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
Lab Sampled :
SSTD02066

Manual Integrations
APPROVED

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Quant Time: Aug 14 13:16:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG028313.D

(73) Di-n-butylphthalate

18.644min (+0.003) 19.82ng/ul m

response 329402

Ion	Exp%	Act%
149.00	100	100
150.00	9.90	9.30
104.00	7.30	5.51#
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	42502	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	188344	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	133817	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	298471m	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	339830	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	315242	20.00	ng/ul	0.00

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System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	5618	6.16	ng/uL	0.00
5) Phenol-d5	7.52	99	84740	18.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	49394	16.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	59553	20.22	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	71886	18.43	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	31925	21.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	38482	23.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	75445	22.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	82643	22.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	234312	19.69	ng/ul	0.00
46) Acenaphthylene-d8	14.67	160	287763	21.44	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	33520	17.71	ng/ul	0.00
57) Fluorene-d10	15.96	176	209384	19.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	41653	21.48	ng/ul	0.00
70) Anthracene-d10	17.82	188	304289	21.26	ng/ul	0.00
76) Pyrene-d10	20.09	212	332293	19.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	319107	21.62	ng/ul	0.01

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.88	88	7540	7.865	ng/uL#	88
4) Benzaldehyde	7.50	77	53291	19.755	ng/ul	98
6) Phenol	7.54	94	82810	17.851	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.77	93	57503	18.196	ng/ul	96
10) 2-Chlorophenol	7.93	128	56103	19.551	ng/ul	92
11) 2-Methylphenol	8.80	108	60845	18.581	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.88	45	119392	15.564	ng/ul#	94
14) Acetophenone	9.18	105	99742	17.926	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.15	70	57191	18.086	ng/ul#	85
16) 4-Methylphenol	9.13	108	66515	17.990	ng/ul	94
17) Hexachloroethane	9.45	117	24367	20.492	ng/ul	96
20) Nitrobenzene	9.57	77	85350	20.019	ng/ul	97
21) Isophorone	10.09	82	153516	18.953	ng/ul#	97
23) 2-Nitrophenol	10.29	139	36338	22.291	ng/ul#	83
24) 2,4-Dimethylphenol	10.33	107	83692	20.655	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.56	93	84895	19.242	ng/ul#	97
27) 2,4-Dichlorophenol	10.83	162	65168	21.427	ng/ul	93
28) Naphthalene	11.23	128	194978	20.902	ng/ul	98
30) 4-Chloroaniline	11.34	127	80146	22.232	ng/ul	99
31) Hexachlorobutadiene	11.50	225	49956	22.253	ng/ul#	84
32) Caprolactam	12.09	113	24511m	19.381	ng/ul	97
33) 4-Chloro-3-methylphenol	12.44	107	82595	21.276	ng/ul	97
34) 2-Methylnaphthalene	12.82	142	155869	20.803	ng/ul	97

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 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 LabSampled :
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Manual Integrations
 APPROVED

sohil
 8/14/2017 7:00:08 PM

Quant Time: Aug 14 13:27:30 2017
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 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.18	216	98918	22.933	ng/ul	91
37) Hexachlorocyclopentadiene	13.14	237	40883	17.178	ng/ul	98
38) 2,4,6-Trichlorophenol	13.41	196	66050	24.569	ng/ul	95
39) 2,4,5-Trichlorophenol	13.49	196	69649	23.769	ng/ul	92
40) 1,1'-Biphenyl	13.80	154	210245	21.512	ng/ul	96
41) 2-Chloronaphthalene	13.86	162	162022	20.978	ng/ul	96
42) 2-Nitroaniline	14.05	65	64558	19.936	ng/ul	99
44) Dimethylphthalate	14.40	163	207348	18.921	ng/ul	99
45) 2,6-Dinitrotoluene	14.54	165	49475	21.866	ng/ul	88
47) Acenaphthylene	14.70	152	266207	20.758	ng/ul	99
48) 3-Nitroaniline	14.87	138	41650	20.443	ng/ul#	93
49) Acenaphthene	15.03	153	179091	20.698	ng/ul	99
50) 2,4-Dinitrophenol	15.08	184	26206	20.556	ng/ul#	87
52) 4-Nitrophenol	15.18	109	35157	17.930	ng/ul#	75
53) Dibenzofuran	15.37	168	255427	20.247	ng/ul	97
54) 2,4-Dinitrotoluene	15.32	165	69980	20.408	ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	15.59	232	60326	22.105	ng/ul#	96
56) Diethylphthalate	15.75	149	227720	17.713	ng/ul	98
58) Fluorene	16.01	166	218298	19.545	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.99	204	119944	20.016	ng/ul#	84
60) 4-Nitroaniline	16.03	138	43138	17.846	ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	16.09	198	42372m	21.552	ng/ul	53 8/14/17
64) N-Nitrosodiphenylamine	16.21	169	181046	23.057	ng/ul	98
65) 4-Bromophenyl-phenylether	16.89	248	77557	24.176	ng/ul	98
66) Hexachlorobenzene	17.02	284	80489	23.569	ng/ul	97
67) Atrazine	17.15	200	69028	20.163	ng/ul	95
68) Pentachlorophenol	17.37	266	37104	21.450	ng/ul	95
69) Phenanthrene	17.76	178	314882m	20.963	ng/ul	53 8/14/17
71) Anthracene	17.85	178	322103	20.981	ng/ul	99
72) Carbazole	18.12	167	271580	20.341	ng/ul	97
73) Di-n-butylphthalate	18.64	149	329402m	19.819	ng/ul	53 8/14/17
74) Fluoranthene	19.76	202	367152	20.113	ng/ul	99
77) Pyrene	20.12	202	382702	18.876	ng/ul	98
78) Butylbenzylphthalate	20.98	149	148020	19.488	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.93	252	140048	21.361	ng/ul	98
80) Benzo(a)anthracene	22.03	228	400934	20.419	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.89	149	206791	19.144	ng/ul	98
82) Chrysene	22.10	228	366086	20.702	ng/ul	97
84) Di-n-octyl phthalate	23.19	149	360661	19.091	ng/ul	100
85) Benzo(b)fluoranthene	24.44	252	394060	20.889	ng/ul#	99
86) Benzo(k)fluoranthene	24.51	252	388461	21.081	ng/ul#	95
88) Benzo(a)pyrene	25.40	252	380278	20.820	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.62	276	418525	19.567	ng/ul	94
90) Dibenzo(a,h)anthracene	29.67	278	363904	20.298	ng/ul#	94
91) Benzo(g,h,i)perylene	30.88	276	288306	16.384	ng/ul	99

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