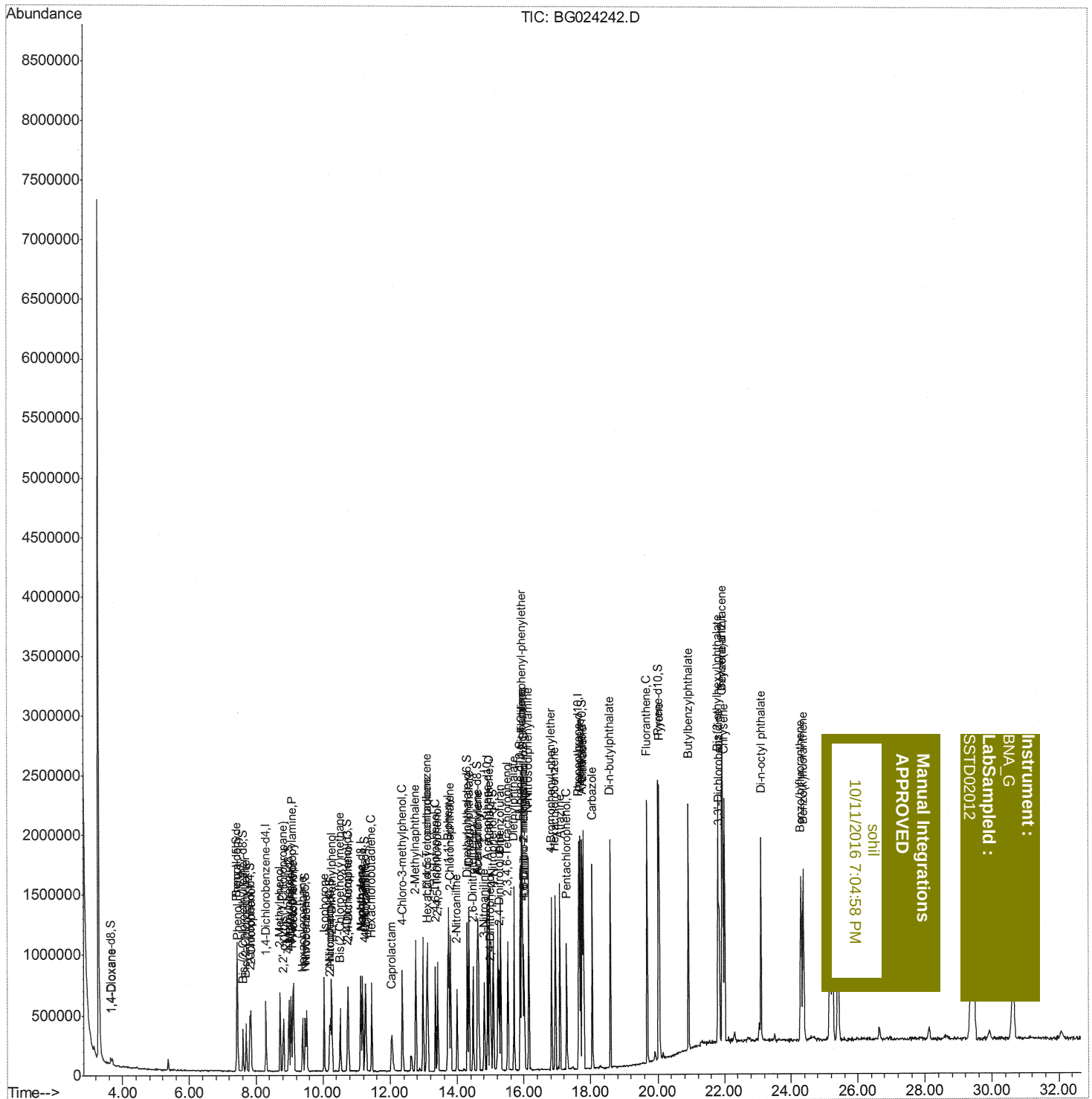


```
Data Path   : Z:\HPCHEM1\BNA_G\Data\BG101016\  
Data File  : BG024242.D  
Acq On     : 10 Oct 2016   17:14  
Operator   : UM/SJ  
Sample     : SSTDCCC020  
Misc       :  
ALS Vial   : 2      Sample Multiplier: 1
```

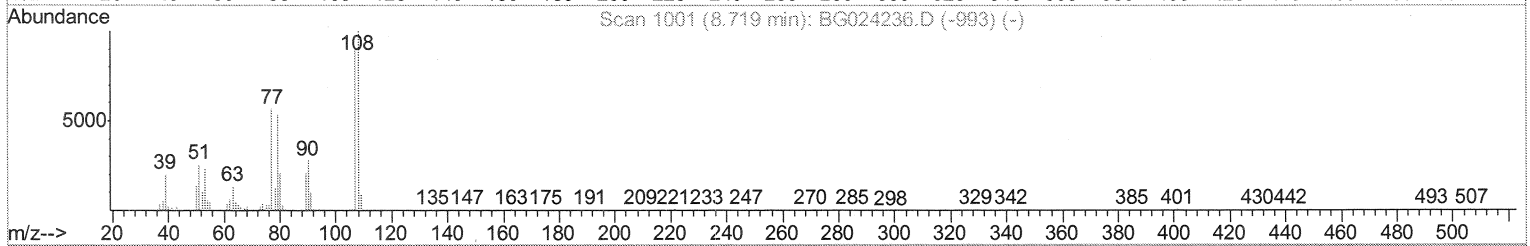
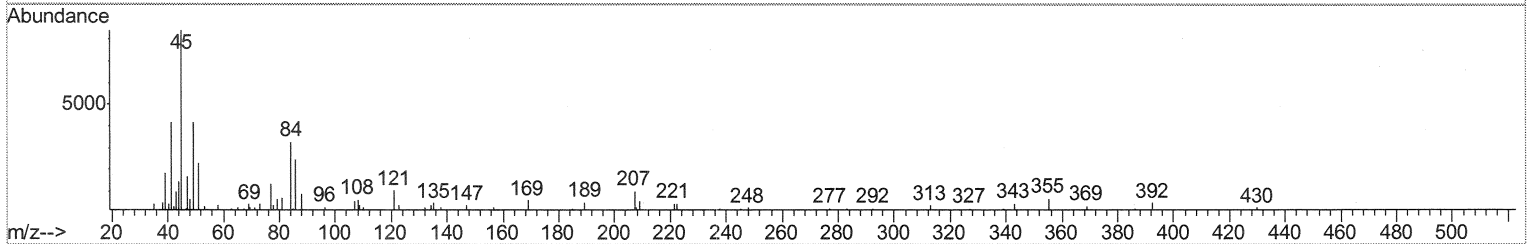
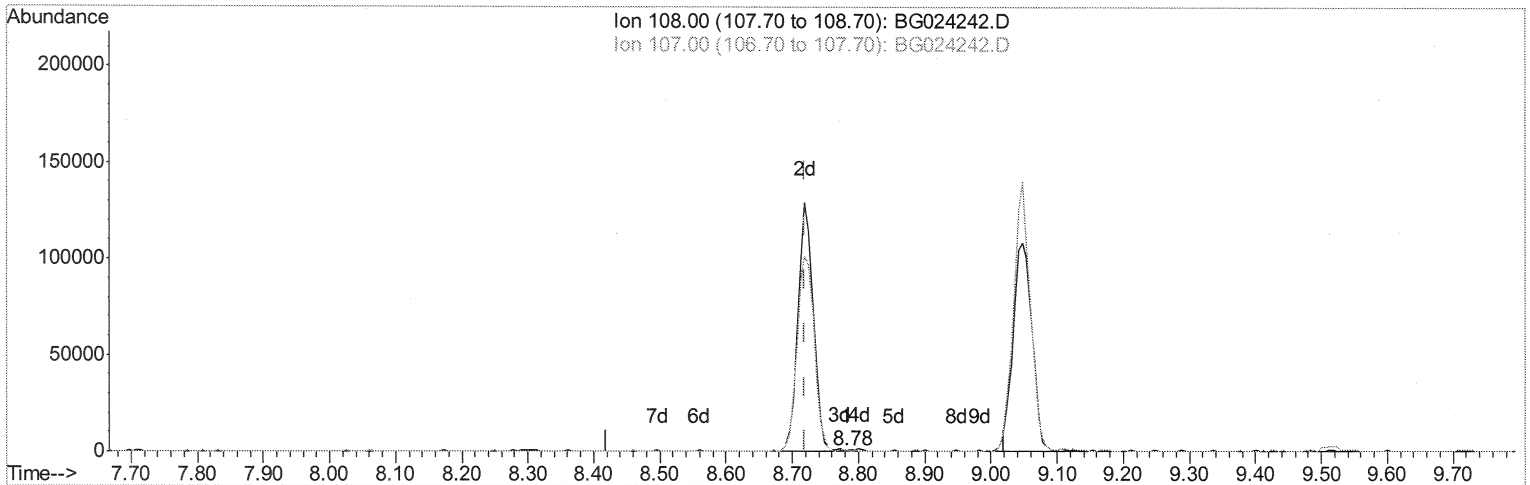
Quant Time: Oct 10 17:55:54 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 10 13:36:36 2016
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
 Data File : BG024242.D
 Acq On : 10 Oct 2016 17:14
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 17:52:12 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 10 13:36:36 2016
 Response via : Initial Calibration



TIC: BG024242.D

(11) 2-Methylphenol
 8.783min (+0.063) 0.05ng/ul
 response 475

Ion	Exp%	Act%
108.00	100	100
107.00	98.20	88.27
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations
 APPROVED

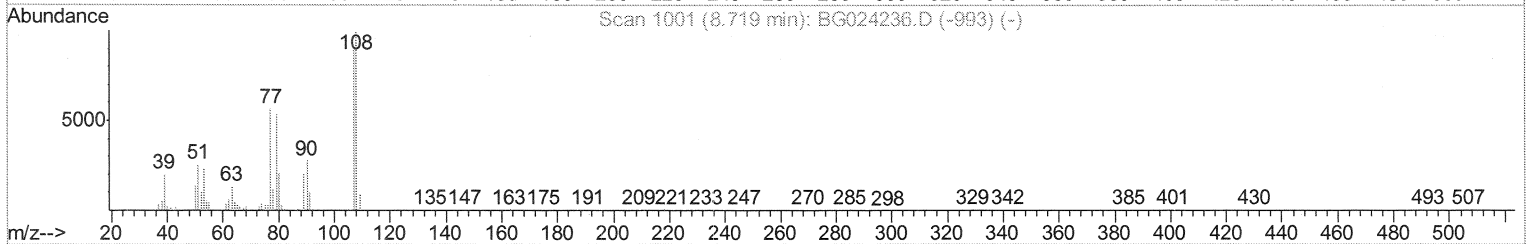
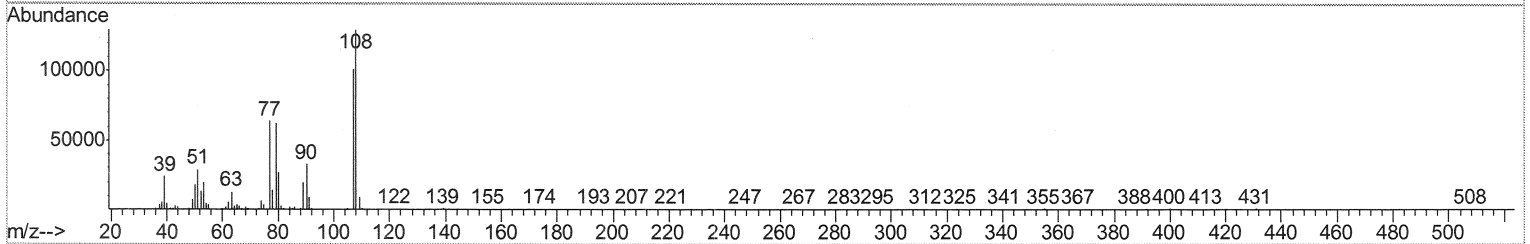
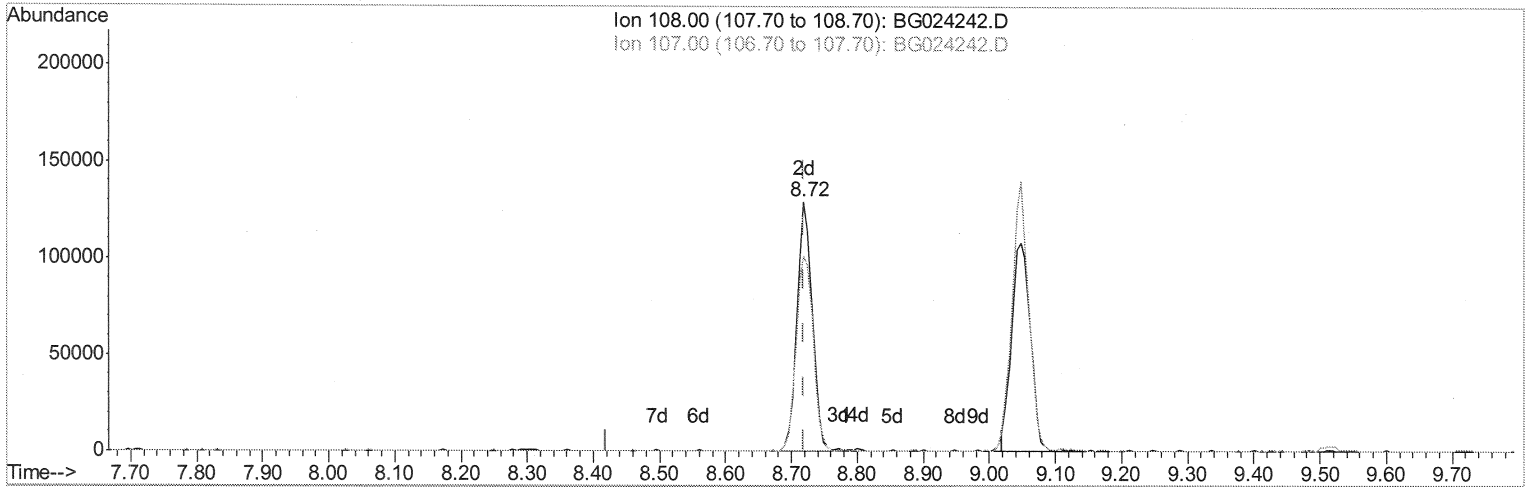
10/11/2016 7:04:58 PM

Instrument :
 BNA_G
 LabSampled :
 SSTDC0020

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
 Data File : BG024242.D
 Acq On : 10 Oct 2016 17:14
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 17:52:12 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 10 13:36:36 2016
 Response via : Initial Calibration



TIC: BG024242.D

(11) 2-Methylphenol

8.719min (-0.001) 20.31ng/ul m

response 207694

Ion	Exp%	Act%
108.00	100	100
107.00	98.20	78.20#
0.00	0.00	0.00
0.00	0.00	0.00

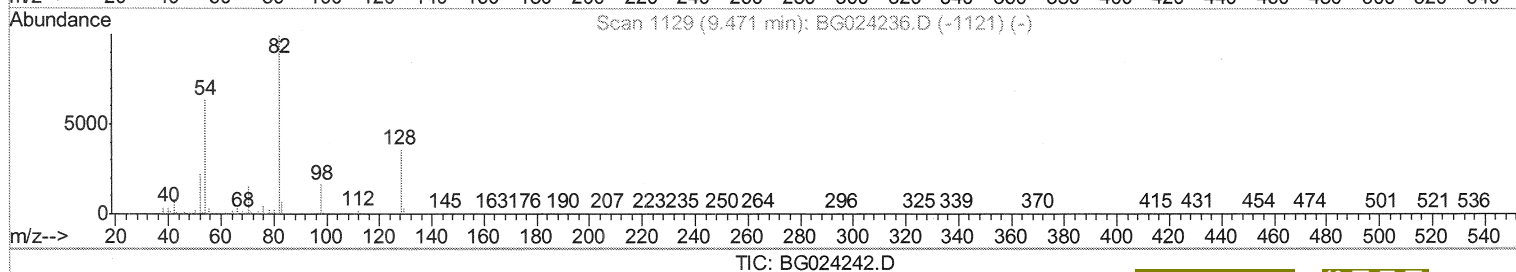
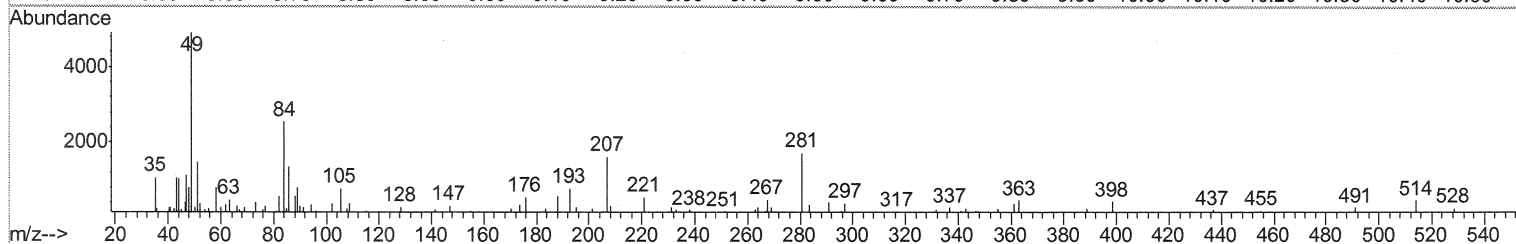
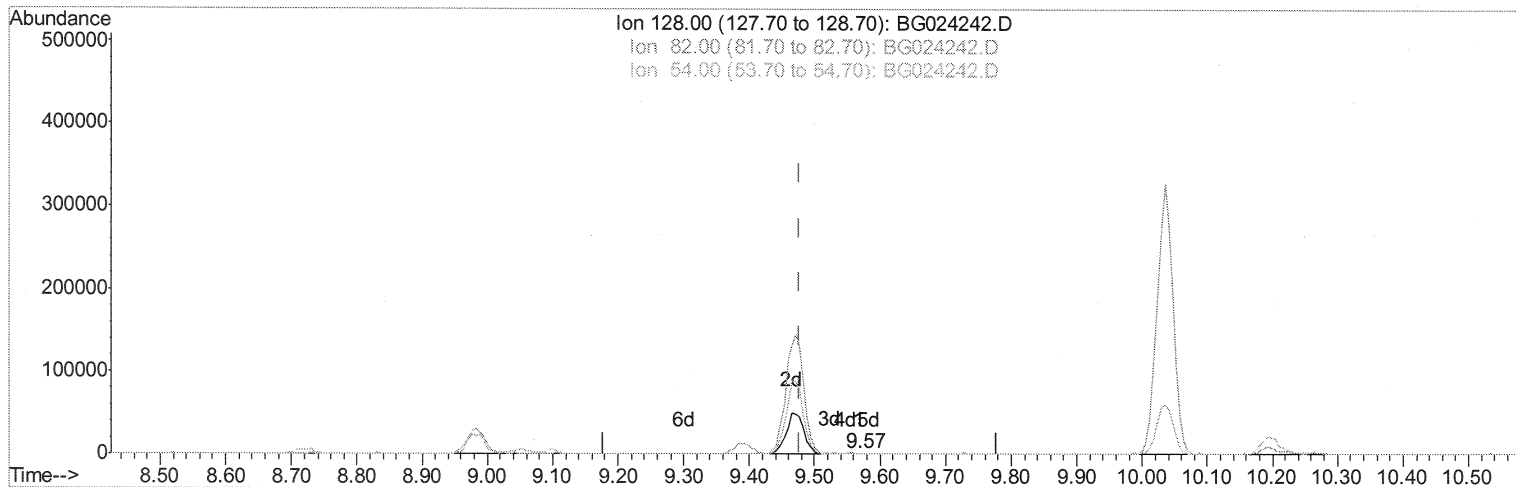
UM
10/11/16

Instrument :
 BNA_G
 LabSampled :
 SSTDC002012
 Manual Integrations
 APPROVED
 10/11/2016 7:04:58 PM
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Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
 Data File : BG024242.D
 Acq On : 10 Oct 2016 17:14
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 17:52:12 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 10 13:36:36 2016
 Response via : Initial Calibration



(19) Nitrobenzene-d5 (S)
 9.571min (+0.093) 0.02ng/ul
 response 100

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	202.82
54.00	78.50	81.69
0.00	0.00	0.00

Manual Integrations
 APPROVED

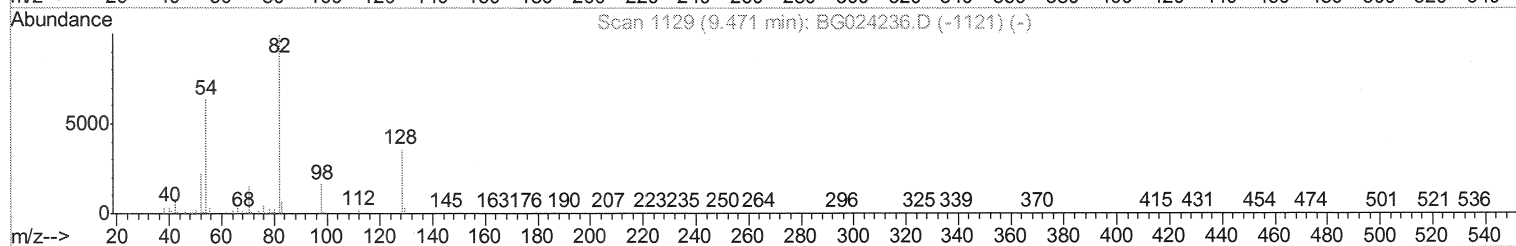
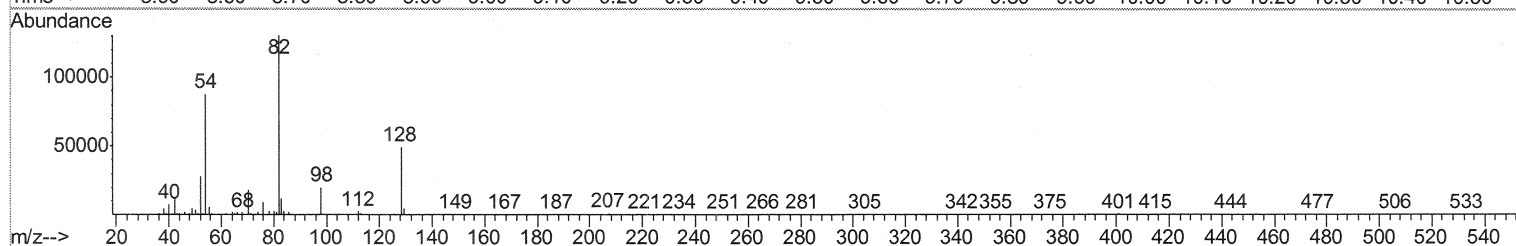
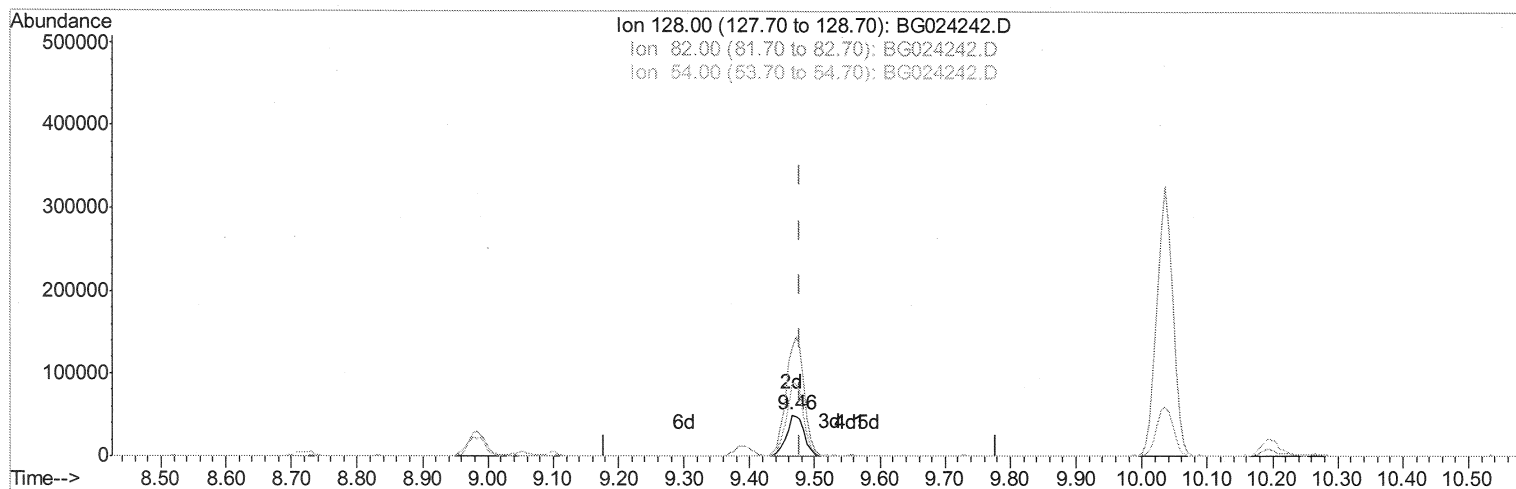
10/11/2016 7:04:58 PM

Instrument :
 BNA_G
 LabSampled :
 SSTD02012

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024242.D
Acq On : 10 Oct 2016 17:14
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 17:52:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 10 13:36:36 2016
Response via : Initial Calibration



TIC: BG024242.D

(19) Nitrobenzene-d5 (S)

9.465min (-0.013) 20.81ng/ul m

response 92477

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	263.03
54.00	78.50	176.68#
0.00	0.00	0.00

UM
10/12/16Manual Integrations
APPROVED

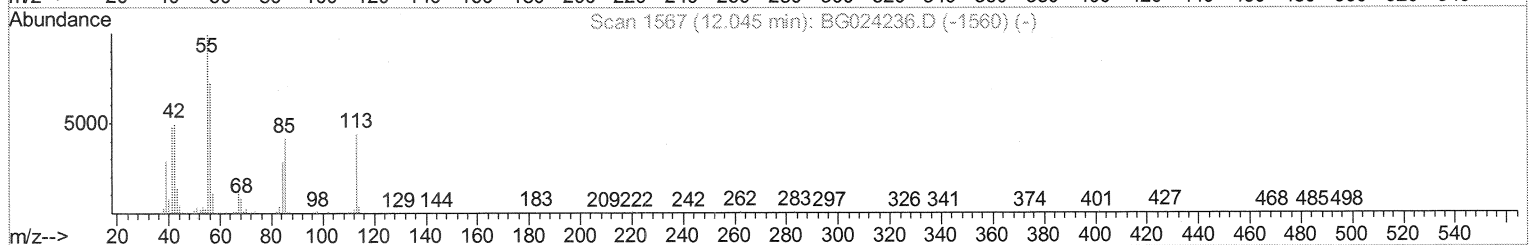
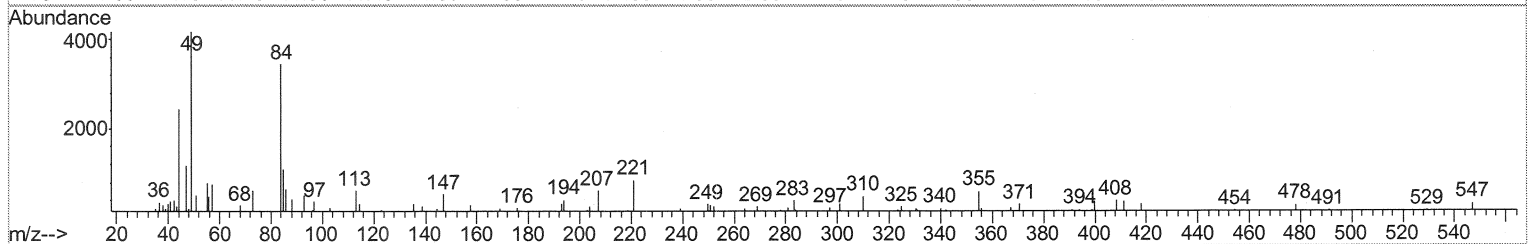
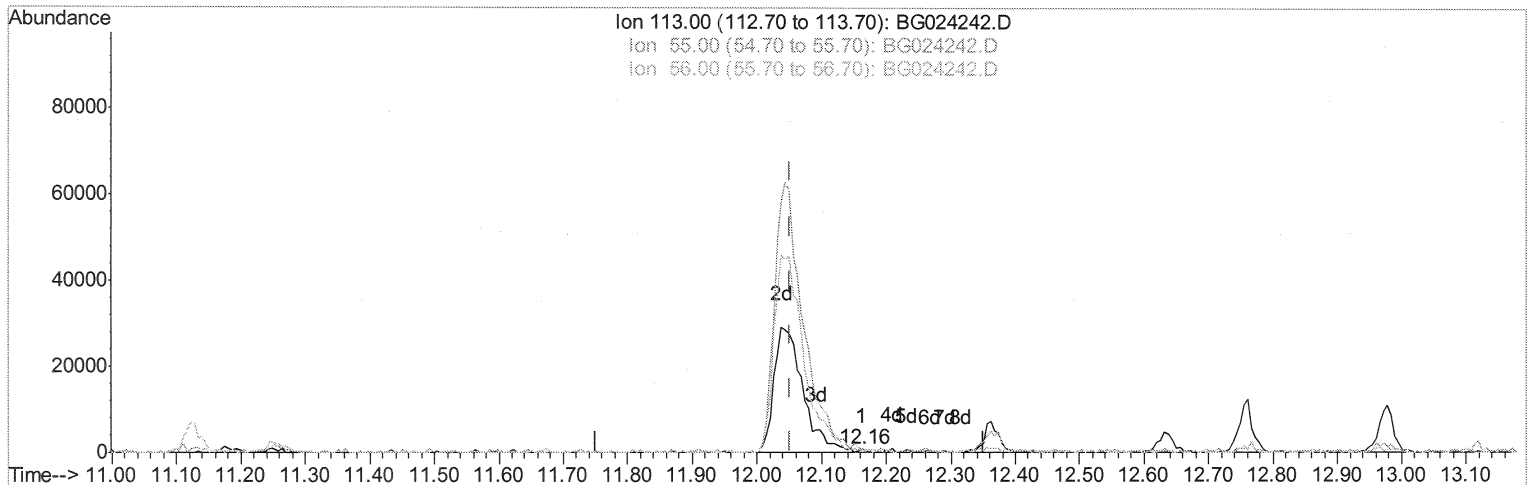
10/11/2016 7:04:58 PM

Instrument :
BNA_G
LabSample :
SSTD02012

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
 Data File : BG024242.D
 Acq On : 10 Oct 2016 17:14
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 17:52:12 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 10 13:36:36 2016
 Response via : Initial Calibration



TIC: BG024242.D

(32) Caprolactam
 12.162min (+0.110) 0.13ng/ul
 response 515

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	126.83
56.00	83.00	79.19
0.00	0.00	0.00

Manual Integrations
APPROVED

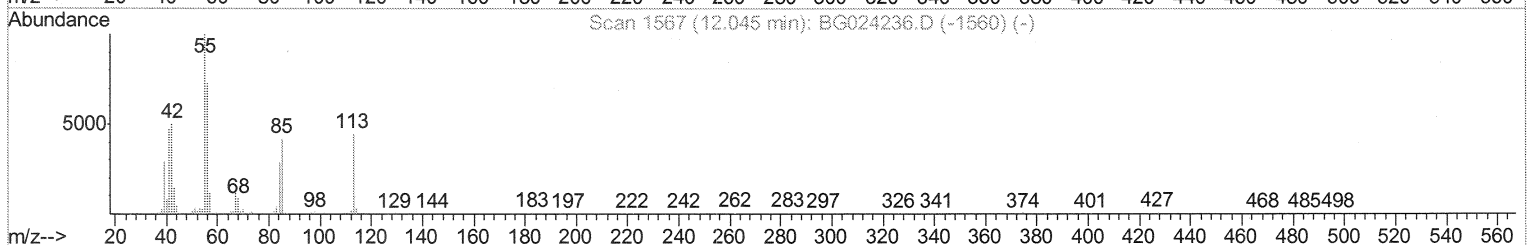
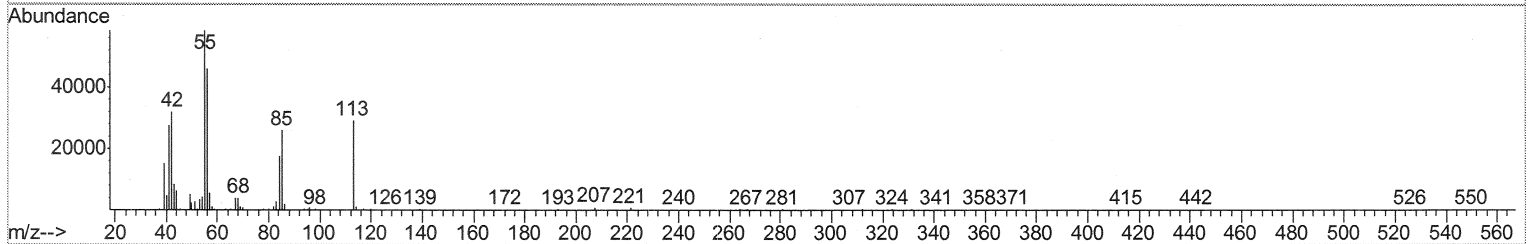
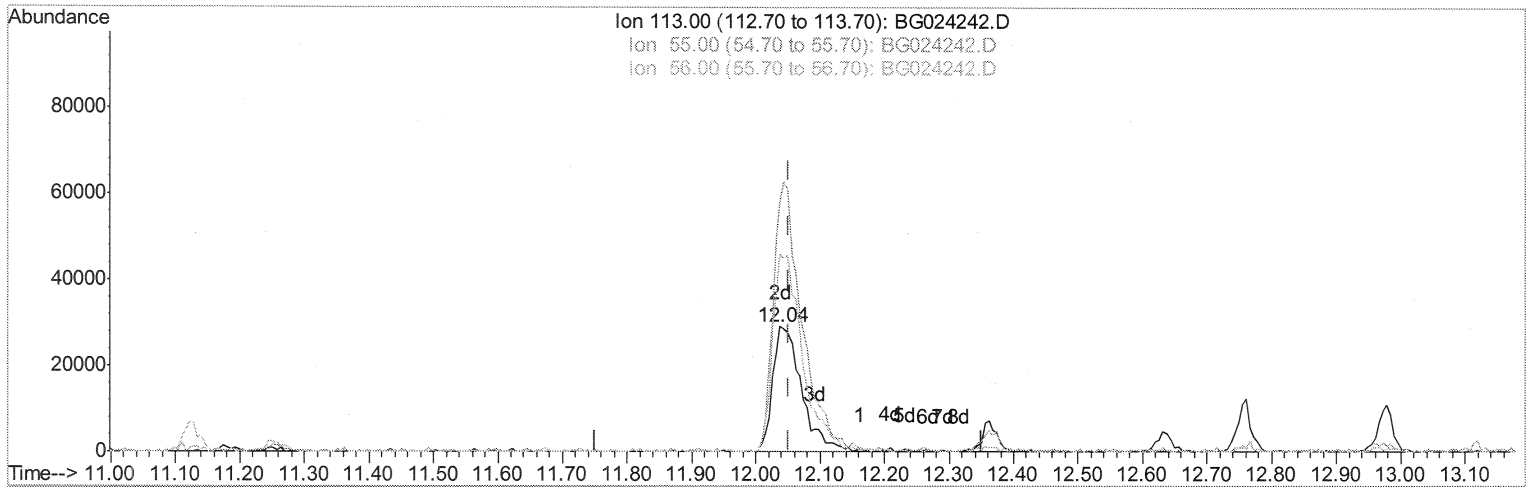
10/11/2016 7:04:58 PM

Instrument :
BNA_G
LabSample :
SSTD02012

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
 Data File : BG024242.D
 Acq On : 10 Oct 2016 17:14
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 17:52:12 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 10 13:36:36 2016
 Response via : Initial Calibration



TIC: BG024242.D

(32) Caprolactam

12.038min (-0.013) 22.63ng/ul m 6m
 response 89319 10/12/16

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	200.58#
56.00	83.00	158.65#
0.00	0.00	0.00

Manual Integrations
 APPROVED

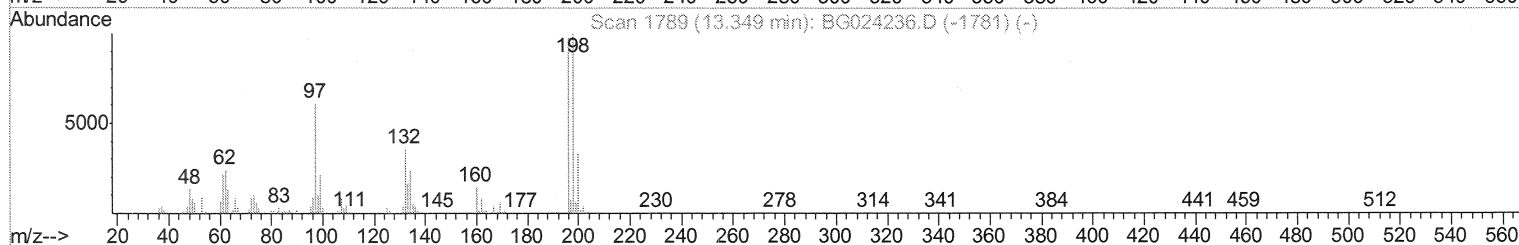
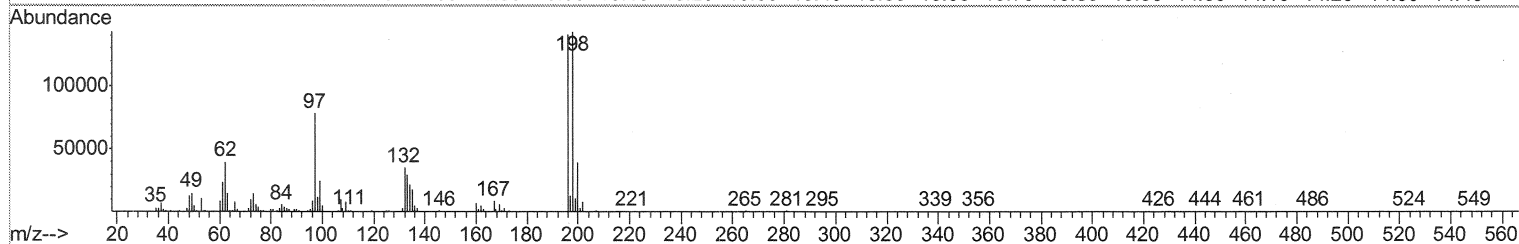
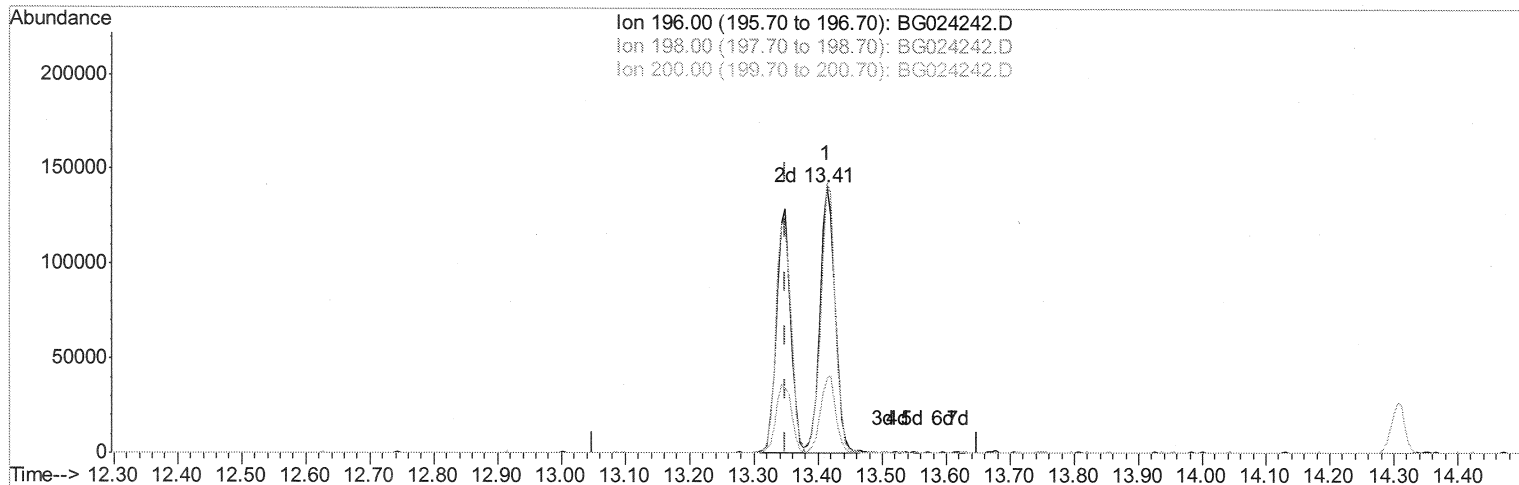
10/11/2016 7:04:58 PM

Instrument :
 BNA_G
 LabSampled :
 SSTD02012

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
 Data File : BG024242.D
 Acq On : 10 Oct 2016 17:14
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 17:52:12 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 10 13:36:36 2016
 Response via : Initial Calibration



TIC: BG024242.D

(38) 2,4,6-Trichlorophenol (C)

13.413min (+0.063) 23.39ng/ul

response 235679

Ion	Exp%	Act%
196.00	100	100
198.00	96.70	101.59
200.00	33.20	27.72
0.00	0.00	0.00

Manual Integrations
 APPROVED

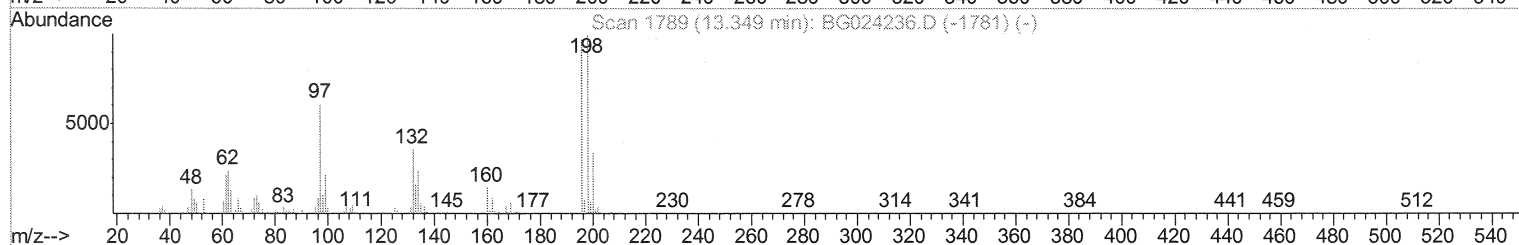
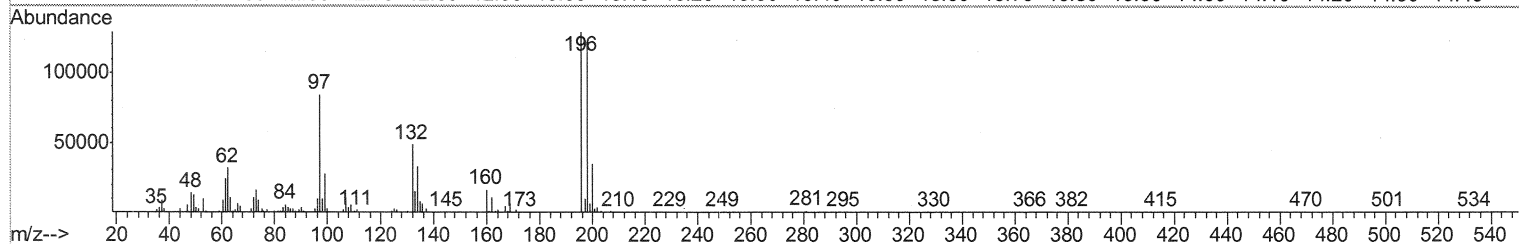
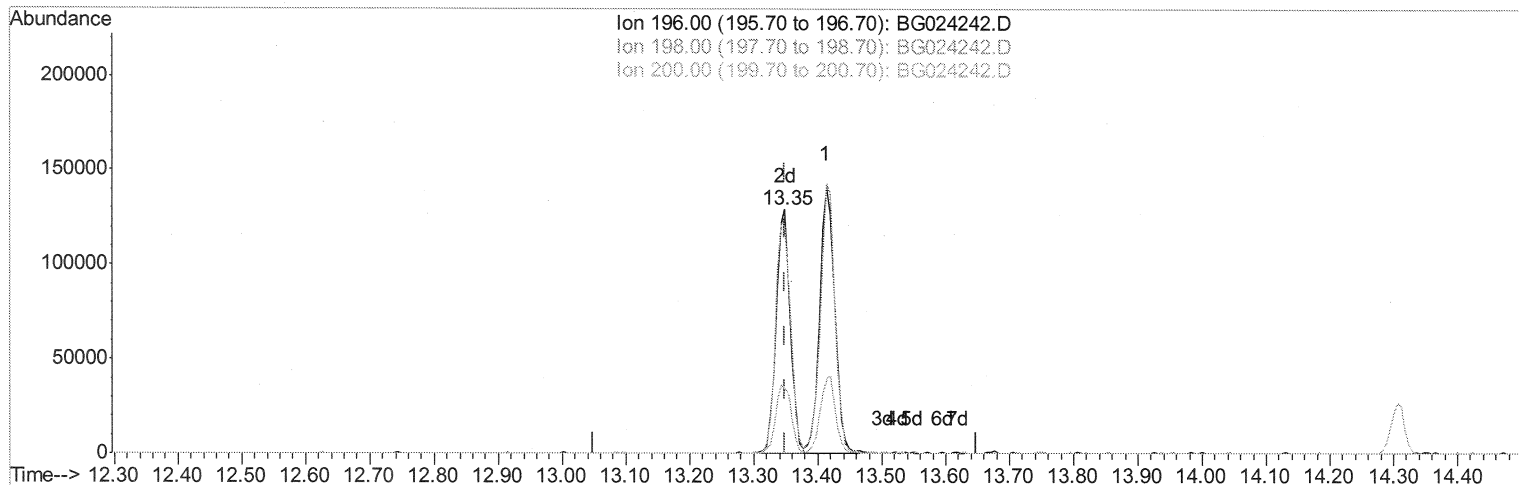
10/11/2016 7:04:58 PM

Instrument :
 BNA_G
 LabSampled :
 SSTD02012

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
 Data File : BG024242.D
 Acq On : 10 Oct 2016 17:14
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 17:52:12 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 10 13:36:36 2016
 Response via : Initial Calibration



TIC: BG024242.D

(38) 2,4,6-Trichlorophenol (C)

13.348min (-0.001) 20.14ng/ul m

response 202918

Ion	Exp%	Act%
196.00	100	100
198.00	96.70	93.69
200.00	33.20	26.55#
0.00	0.00	0.00

um
10/12/16

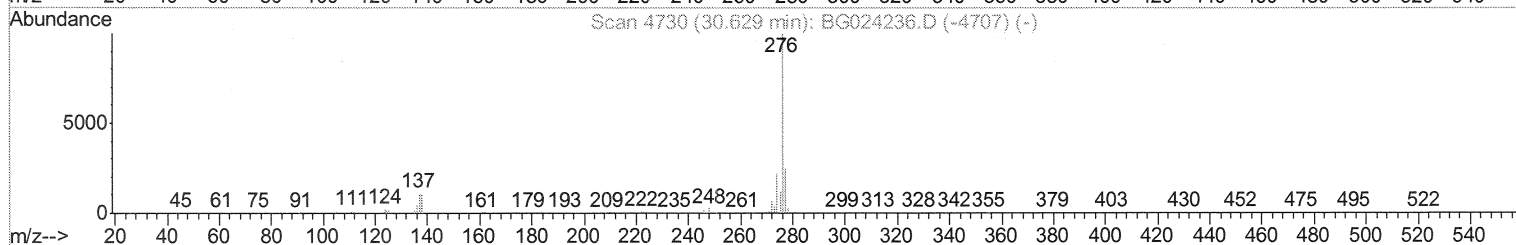
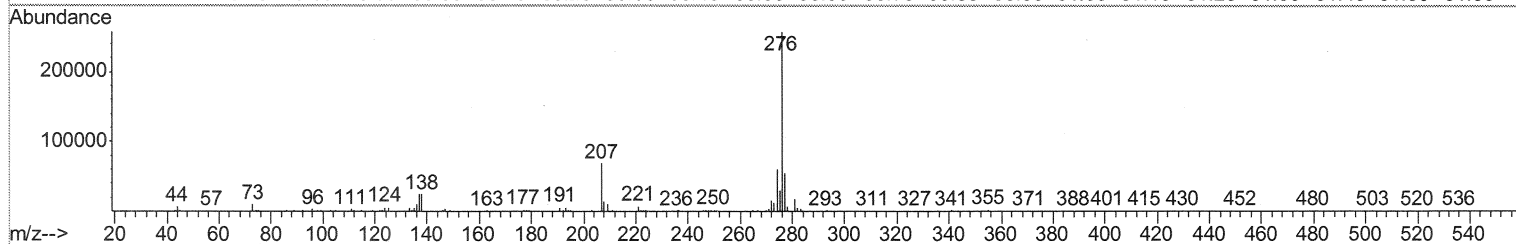
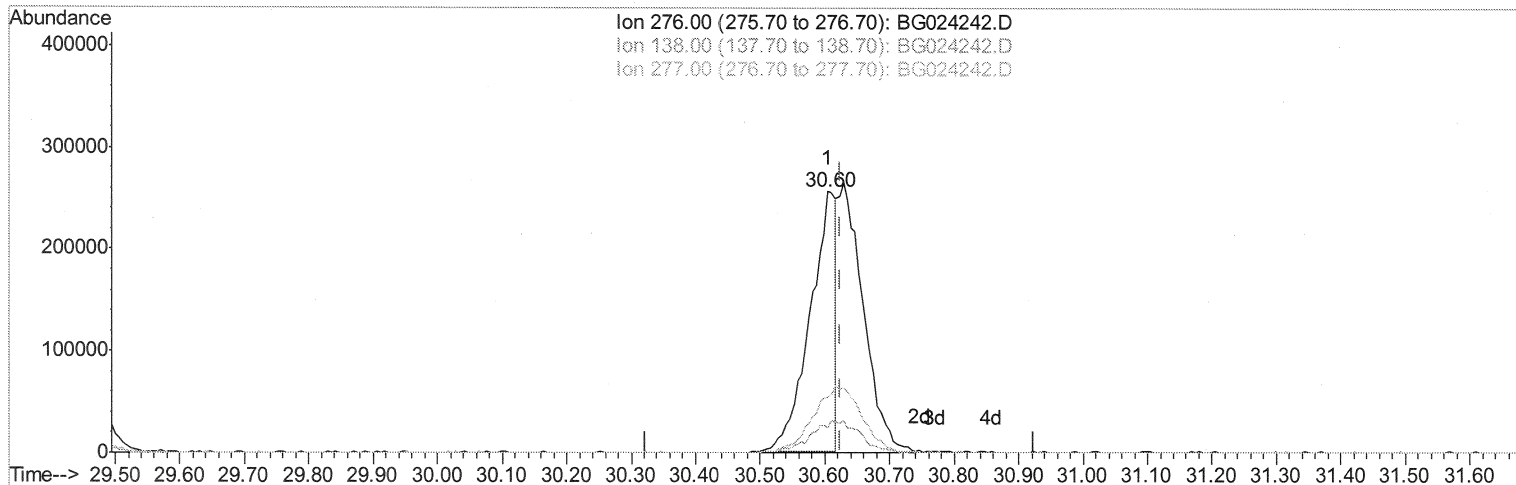
Instrument :
 BNA_G
 LabSampled :
 SSTD02012

Manual Integrations
 APPROVED
 10/11/2016 7:04:58 PM
 sohil

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
 Data File : BG024242.D
 Acq On : 10 Oct 2016 17:14
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 17:52:12 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 10 13:36:36 2016
 Response via : Initial Calibration



TIC: BG024242.D

(91) Benzo(g,h,i)perylene

30.605min (-0.019) 10.33ng/ul

response 713596

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	9.52#
277.00	21.20	21.01
0.00	0.00	0.00

Manual Integrations
APPROVED

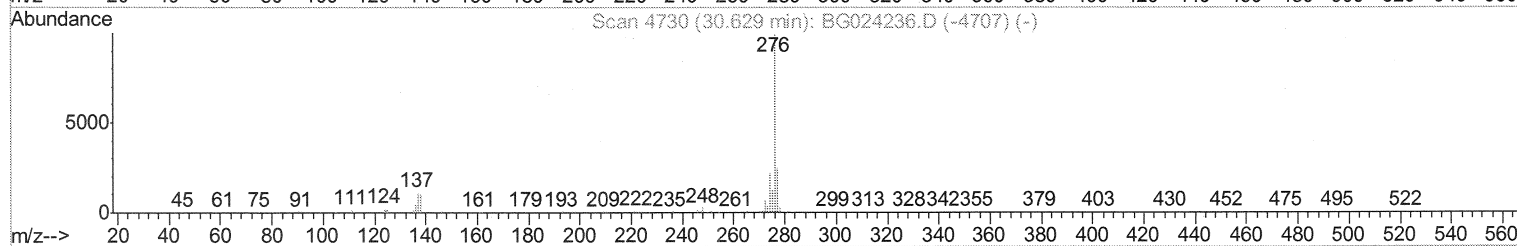
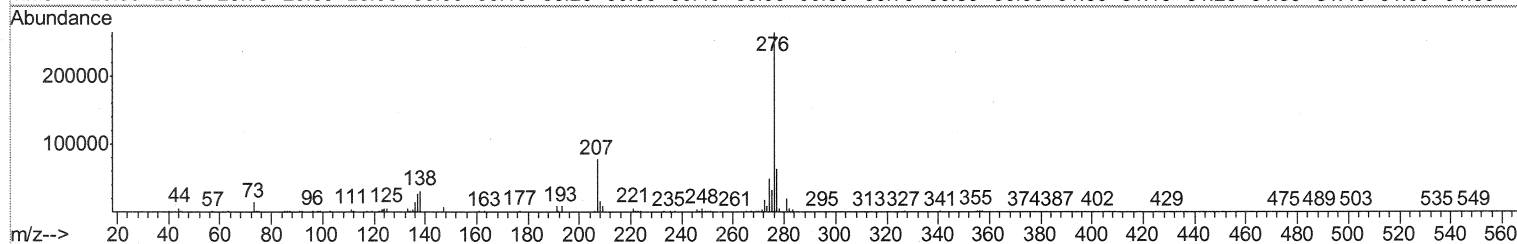
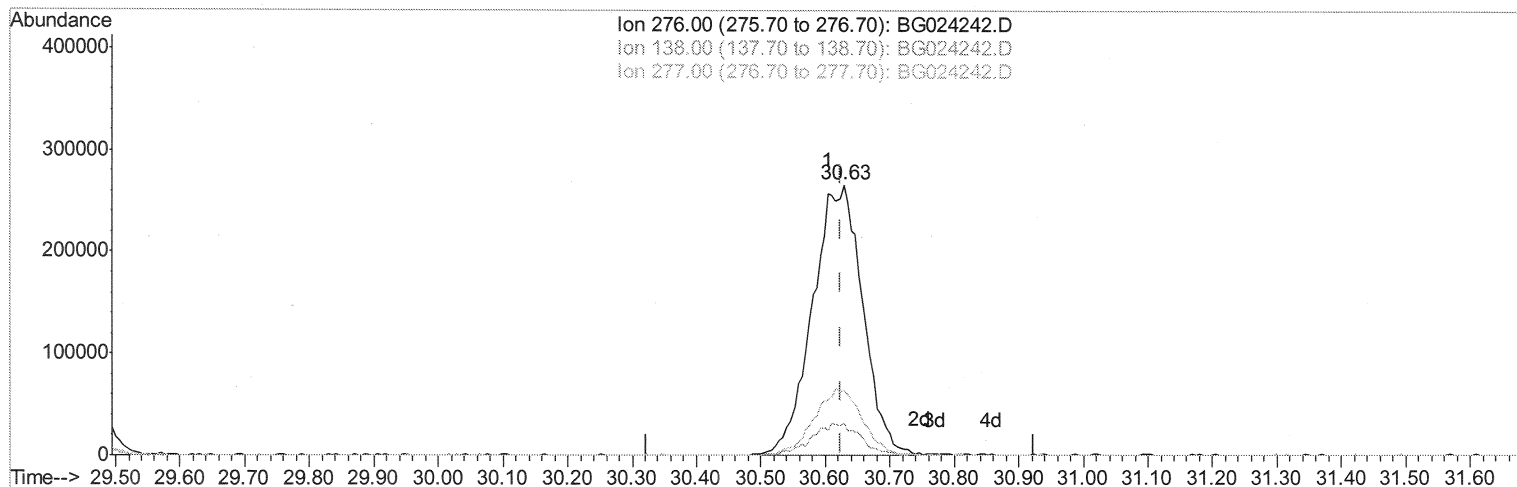
10/11/2016 7:04:58 PM

Instrument :
BNA_G
LabSampled :
SSTD02012

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
 Data File : BG024242.D
 Acq On : 10 Oct 2016 17:14
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 17:52:12 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 10 13:36:36 2016
 Response via : Initial Calibration



TIC: BG024242.D

(91) Benzo(g,h,i)perylene

30.628min (+0.005) 20.70ng/ul m

response 1430560

LM
10/12/16

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	11.98#
277.00	21.20	24.18
0.00	0.00	0.00

Manual Integrations
APPROVED

10/11/2016 7:04:58 PM

Instrument :
BNA_G
LabSampled :
SSTD02012

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
 Data File : BG024242.D
 Acq On : 10 Oct 2016 17:14
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 17:55:54 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 10 13:36:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	145779	20.00	ng/ul	0.00
18) Naphthalene-d8	11.13	136	626266	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.91	164	526954	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	1165487	20.00	ng/ul	0.00
75) Chrysene-d12	21.96	240	1301360	20.00	ng/ul	0.00
83) Perylene-d12	25.40	264	1312157	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	28109	9.16	ng/uL	0.00
5) Phenol-d5	7.42	99	271562	19.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.61	67	187313	20.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	186910	19.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	225446	20.50	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	92477m	20.81	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.20	143	111370	22.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.73	165	225426	20.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.25	131	270160	23.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.31	166	762688	20.73	ng/ul	0.00
46) Acenaphthylene-d8	14.61	160	874151	20.74	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	140633	21.56	ng/ul	0.00
57) Fluorene-d10	15.90	176	732016	21.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	143444	20.48	ng/ul	0.00
70) Anthracene-d10	17.75	188	1088944	20.68	ng/ul	0.00
76) Pyrene-d10	20.02	212	1273527	20.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.17	264	1214386	20.57	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.69	88	29598	8.90 ng/uL#	49
4) Benzaldehyde	7.43	77	206426	21.57 ng/ul#	77
6) Phenol	7.46	94	279022	20.21 ng/ul#	62
8) Bis(2-Chloroethyl)ether	7.70	93	210032	20.67 ng/ul#	75
10) 2-Chlorophenol	7.85	128	191902	20.22 ng/ul#	79
11) 2-Methylphenol	8.72	108	207694m	20.31 ng/ul	
12) 2,2'-oxybis(1-Chloropropan	8.82	45	400262	19.72 ng/ul#	
14) Acetophenone	9.12	105	336350	20.60 ng/ul#	
15) N-Nitroso-di-n-propylamine	9.09	70	201521	20.47 ng/ul#	
16) 4-Methylphenol	9.05	108	216954	20.01 ng/ul	
17) Hexachloroethane	9.39	117	88063	20.06 ng/ul#	
20) Nitrobenzene	9.51	77	291585	20.73 ng/ul#	
21) Isophorone	10.03	82	555521	21.73 ng/ul#	
23) 2-Nitrophenol	10.23	139	111300	20.54 ng/ul#	
24) 2,4-Dimethylphenol	10.26	107	279118	20.90 ng/ul#	
25) Bis(2-Chloroethoxy)methane	10.51	93	286660	20.46 ng/ul#	
27) 2,4-Dichlorophenol	10.76	162	217049	20.91 ng/ul	
28) Naphthalene	11.17	128	617497	20.48 ng/ul	
30) 4-Chloroaniline	11.27	127	258225	22.36 ng/ul	96
31) Hexachlorobutadiene	11.44	225	172849	20.79 ng/ul	90
32) Caprolactam	12.04	113	89319m	22.63 ng/ul	
33) 4-Chloro-3-methylphenol	12.36	107	270161	21.26 ng/ul#	79
34) 2-Methylnaphthalene	12.76	142	492436	20.54 ng/ul	91

Manual Integrations
 APPROVED

10/11/2016 7:04:58 PM

Instrument :
 BNA_G
 LabSampled :
 SSTD02012

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
 Data File : BG024242.D
 Acq On : 10 Oct 2016 17:14
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 17:55:54 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 10 13:36:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
36) 1,2,4,5-Tetrachlorobenzene	13.11	216	318692	20.51	ng/ul	98
37) Hexachlorocyclopentadiene	13.09	237	226209	19.85	ng/ul	92
38) 2,4,6-Trichlorophenol	13.35	196	202918m	20.14	ng/ul	
39) 2,4,5-Trichlorophenol	13.41	196	235679	21.29	ng/ul	98
40) 1,1'-Biphenyl	13.75	154	695949	20.39	ng/ul	94
41) 2-Chloronaphthalene	13.80	162	544690	20.36	ng/ul	96
42) 2-Nitroaniline	13.99	65	224645	22.06	ng/ul#	53
44) Dimethylphthalate	14.35	163	759460	21.05	ng/ul	98
45) 2,6-Dinitrotoluene	14.48	165	154522	22.08	ng/ul#	80
47) Acenaphthylene	14.64	152	848583	20.92	ng/ul	99
48) 3-Nitroaniline	14.81	138	144184	21.80	ng/ul#	55
49) Acenaphthene	14.98	153	585714	20.20	ng/ul	94
50) 2,4-Dinitrophenol	15.01	184	104080	22.17	ng/ul#	71
52) 4-Nitrophenol	15.09	109	172201	21.78	ng/ul#	66
53) Dibenzofuran	15.31	168	895911	21.00	ng/ul#	85
54) 2,4-Dinitrotoluene	15.26	165	233529	22.51	ng/ul#	71
55) 2,3,4,6-Tetrachlorophenol	15.52	232	228511	21.02	ng/ul#	93
56) Diethylphthalate	15.70	149	795907	20.93	ng/ul	96
58) Fluorene	15.95	166	727153	20.61	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.94	204	403684	20.62	ng/ul	98
60) 4-Nitroaniline	15.96	138	163180	21.43	ng/ul#	43
63) 4,6-Dinitro-2-methylphenol	16.02	198	158015	21.52	ng/ul	96
64) N-Nitrosodiphenylamine	16.15	169	650166	19.72	ng/ul	93
65) 4-Bromophenyl-phenylether	16.83	248	273916	20.29	ng/ul	97
66) Hexachlorobenzene	16.94	284	312050	20.72	ng/ul	97
67) Atrazine	17.09	200	278824	20.68	ng/ul#	94
68) Pentachlorophenol	17.29	266	195641	21.37	ng/ul	91
69) Phenanthrene	17.69	178	1237503	21.03	ng/ul	99
71) Anthracene	17.78	178	1246708	20.81	ng/ul	99
72) Carbazole	18.05	167	1072115	22.81	ng/ul	97
73) Di-n-butylphthalate	18.58	149	1258230	21.89	ng/ul#	95
74) Fluoranthene	19.69	202	1442752	24.27	ng/ul#	88
77) Pyrene	20.05	202	1455080	20.93	ng/ul#	88
78) Butylbenzylphthalate	20.92	149	582074	20.84	ng/ul#	
79) 3,3'-Dichlorobenzidine	21.84	252	539815	22.27	ng/ul#	
80) Benzo(a)anthracene	21.93	228	1517324	21.01	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.80	149	823934	20.86	ng/ul#	
82) Chrysene	22.00	228	1412664	20.55	ng/ul	
84) Di-n-octyl phthalate	23.10	149	1399279	22.73	ng/ul	
85) Benzo(b)fluoranthene	24.30	252	1478257	20.29	ng/ul#	
86) Benzo(k)fluoranthene	24.37	252	1440120	20.52	ng/ul#	
88) Benzo(a)pyrene	25.25	252	1438178	20.73	ng/ul#	
89) Indeno(1,2,3-cd)pyrene	29.36	276	1733247	21.09	ng/ul#	
90) Dibenzo(a,h)anthracene	29.45	278	1478143	21.27	ng/ul#	
91) Benzo(g,h,i)perylene	30.63	276	1430560m	20.70	ng/ul	

UM 10/12/16

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Manual Integrations
APPROVEDInstrument :
BNA_G
LabSampled :
SSTD02012

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