

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\

Data File : BG025052.D

Acq On : 10 Dec 2016 2:31

Operator : UM/SJ

Sample : SSTDC0020

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 12 03:24:33 2016

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M

Quant Title : SVOA CALIBRATION

Quant Update : Mon Dec 12 03:10:41 2016

Response via : Initial Calibration

Internal Standards

R.T. Qion Response Conc Units Dev (Min)

1	1,4-Dichlorobenzene-d4	8.24	152	75602	20.00	ng/uL	0.00
18	Naphthalene-d8	11.07	136	323056	20.00	ng/uL	0.00
35	Acenaphthene-d10	14.86	164	262386	20.00	ng/uL	0.00
61	Phenanthrene-d10	17.61	188	594593	20.00	ng/uL	0.00
75	Chrysene-d12	21.89	240	757509	20.00	ng/uL	0.00
83	Perylene-d12	25.31	264	704778	20.00	ng/uL	0.00

System Monitoring Compounds

3	1,4-Dioxane-d8	3.60	96	11810	8.07	ng/uL	0.00
5	Phenol-d5	7.38	99	134421	20.61	ng/uL	0.00
7	Bis-(2-Chloroethyl) ether-d	7.55	67	78606	19.48	ng/uL	0.00
9	2-Chlorophenol-d4	7.77	132	98294	21.55	ng/uL	0.00
13	4-Methylphenol-d8	8.95	113	116077	21.30	ng/uL	0.00
19	Nitrobenzene-d5	9.42	128	51339	22.44	ng/uL	0.00
22	2-Nitrophenol-d4	10.14	143	59264	20.78	ng/uL	0.00
26	2,4-Dichlorophenol-d3	10.68	165	122091	22.26	ng/uL	0.00
29	4-Chloroaniline-d4	11.20	131	127281	23.61	ng/uL	0.00
43	Dimethylphthalate-d6	14.26	166	376781	20.88	ng/uL	0.00
46	Acenaphthylene-d8	14.56	160	437297	22.12	ng/uL	0.00
51	4-Nitrophenol-d4	15.05	143	65898	21.24	ng/uL	0.00
57	Fluorene-d10	15.85	176	370876	21.83	ng/uL	0.00
62	4,6-Dinitro-2-methylphenol	15.97	200	74782	20.34	ng/uL	0.00
70	Anthracene-d10	17.71	188	553891	22.07	ng/uL	0.00
76	Pyrene-d10	19.97	212	681215	21.83	ng/uL	0.00
87	Benzo(a)pyrene-d12	25.07	264	667614	23.38	ng/uL	0.00

Target Compounds

2	1,4-Dioxane	3.63	88	14217	7.46	ng/uL#	95
4	Benzaldehyde	7.38	77	102287	20.83	ng/uL	91
6	Phenol	7.42	94	144060	21.52	ng/uL	98
8	Bis-(2-Chloroethyl) ether	7.65	93	95101	19.41	ng/uL	94
10	2-Chlorophenol	7.81	128	99604	21.72	ng/uL	89
11	2-Methylphenol	8.68	108	101864	20.67	ng/uL	90
12	2,2'-oxybis(1-Chloropropan	8.77	45	155555	18.67	ng/uL	96
14	Acetophenone	9.07	105	169160	20.39	ng/uL#	90
15	N-Nitroso-di-n-propylamine	9.05	70	93738	19.57	ng/uL#	82
16	4-Methylphenol	9.00	108	115956	21.15	ng/uL	95
17	Hexachloroethane	9.33	117	38150	18.78	ng/uL	92
20	Nitrobenzene	9.46	77	150525	21.41	ng/uL	99
21	Isophorone	9.98	82	242057	18.19	ng/uL	98
22	2-Nitrophenol	10.18	139	66310	22.92	ng/uL	93
23	2-Methylphenol	10.21	107	143806	21.74	ng/uL	96
24	2-Ethoxyphenol	10.46	93	136241	20.10	ng/uL#	90
25	2-Nitrophenol	10.71	162	123699	23.23	ng/uL	97
26	2-Methylphenol	11.12	128	315978	21.04	ng/uL	97
27	2-Ethoxyphenol	11.23	127	135253	24.54	ng/uL#	84
28	Hexachlorobutadiene	11.38	225	92627	20.23	ng/uL	99
29	2-Nitrophenol	11.99	113	41141	18.60	ng/uL	97
30	2-Ethoxyphenol	12.33	107	140272	21.37	ng/uL	97
31	Hexachlorobutadiene	12.71	142	251160	21.19	ng/uL	99

Instrument : BNA_G

Lab Sample ID : SSTD02024

Manual Integrations
APPROVED

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12/13/2016

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Instrument :
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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	13.07	216	186978	23.64	ng/ul#	93
37) Hexachlorocyclopentadiene	13.03	237	74206	15.98	ng/ul	98
38) 2,4,6-Trichlorophenol	13.30	196	111760	22.50	ng/ul	98
39) 2,4,5-Trichlorophenol	13.38	196	124931	22.94	ng/ul	97
40) 1,1'-Biphenyl	13.70	154	360395	22.66	ng/ul	96
41) 2-Chloronaphthalene	13.75	162	284583	22.47	ng/ul	98
42) 2-Nitroaniline	13.95	65	112736	22.74	ng/ul	92
44) Dimethylphthalate	14.30	163	374165	21.10	ng/ul	99
45) 2,6-Dinitrotoluene	14.43	165	82487	21.64	ng/ul	94
47) Acenaphthylene	14.59	152	416256	21.66	ng/ul	98
48) 3-Nitroaniline	14.77	138	75069	22.74	ng/ul#	80
49) Acenaphthene	14.93	153	296378	22.51	ng/ul	98
50) 2,4-Dinitrophenol	14.97	184	49727	20.08	ng/ul	92
52) 4-Nitrophenol	15.07	109	82720	22.17	ng/ul#	90
53) Dibenzofuran	15.26	168	465749	22.36	ng/ul	98
54) 2,4-Dinitrotoluene	15.22	165	123452	21.49	ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	15.48	232	127512	22.16	ng/ul	96
56) Diethylphthalate	15.65	149	373697	19.90	ng/ul	96
58) Fluorene	15.90	166	370954	21.88	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.88	204	208985	21.89	ng/ul	91
60) 4-Nitroaniline	15.93	138	80902	20.32	ng/ul#	89
63) 4,6-Dinitro-2-methylphenol	15.98	198	78979	20.74	ng/ul#	92
64) N-Nitrosodiphenylamine	16.10	169	350516	22.91	ng/ul	95
65) 4-Bromophenyl-phenylether	16.78	248	155919	23.22	ng/ul	94
66) Hexachlorobenzene	16.91	284	167675	22.17	ng/ul	97
67) Atrazine	17.04	200	145135	19.96	ng/ul	95
68) Pentachlorophenol	17.25	266	89717	19.76	ng/ul	88
69) Phenanthrene	17.65	178	645629	22.75	ng/ul	97
71) Anthracene	17.74	178	647050	22.18	ng/ul	99
72) Carbazole	18.01	167	557789	22.91	ng/ul	99
73) Di-n-butylphthalate	18.53	149	607813	19.78	ng/ul	99
74) Fluoranthene	19.64	202	798948	23.69	ng/ul#	96
77) Pyrene	20.00	202	796997	21.89	ng/ul	97
78) Butylbenzylphthalate	20.86	149	295585	20.73	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.78	252	303304	22.97	ng/ul	98
80) Benzo(a)anthracene	21.88	228	873357	22.19	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.73	149	400890	20.43	ng/ul	99
82) Chrysene	21.95	228	812466	22.07	ng/ul	98
84) Di-n-octyl phthalate	23.00	149	689635	24.10	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	800210	22.90	ng/ul	98
86) Benzo(k)fluoranthene	24.29	252	842178m	25.35	ng/ul	
88) Benzo(a)pyrene	25.16	252	765368	22.78	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.24	276	769127m	18.42	ng/ul	
90) Dibenzo(a,h)anthracene	29.29	278	642821m	18.27	ng/ul	
91) Benzo(g,h,i)perylene	30.48	276	620917m	17.82	ng/ul	

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

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Quantitation Report (Qedit)

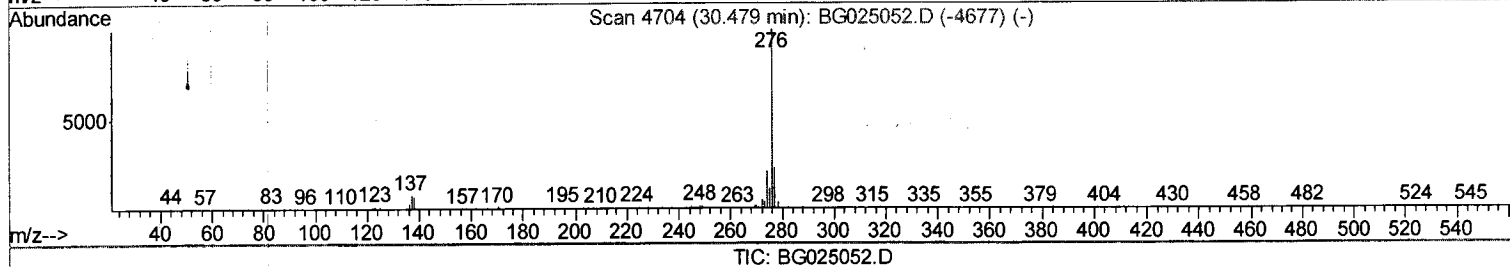
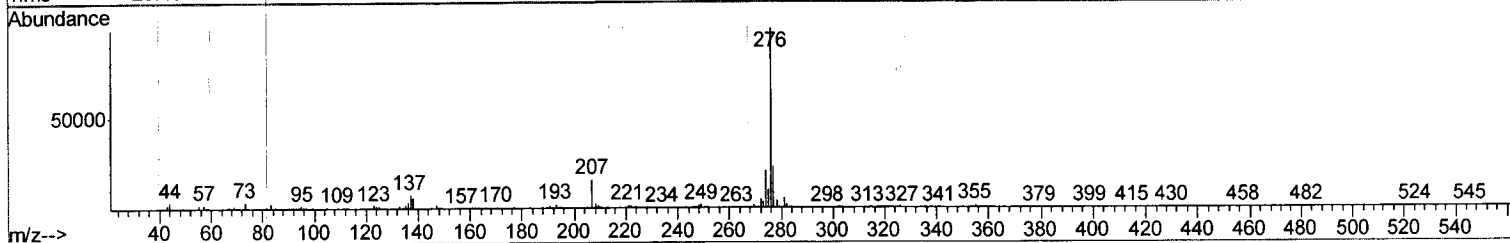
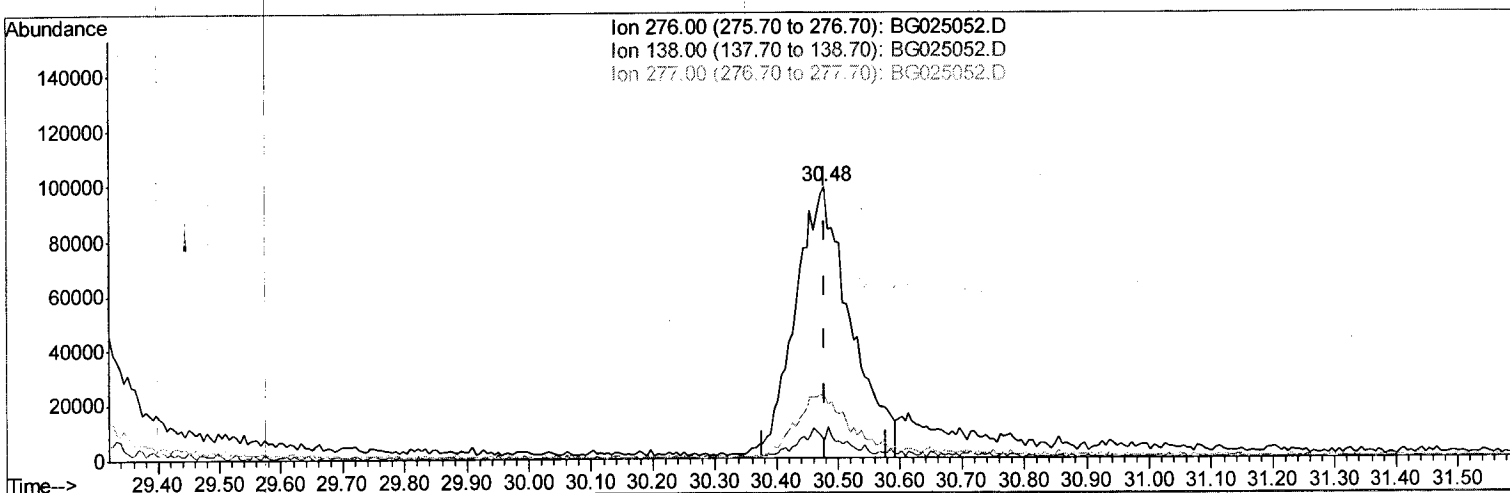
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
 Data File : BG025052.D
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 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
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Manual Integrations
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TIC: BG025052.D

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

30.479min (0.000) 17.82ng/ul m

response 620917

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	6.57#
277.00	22.00	22.78
0.00	0.00	0.00

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Quantitation Report (Qedit)

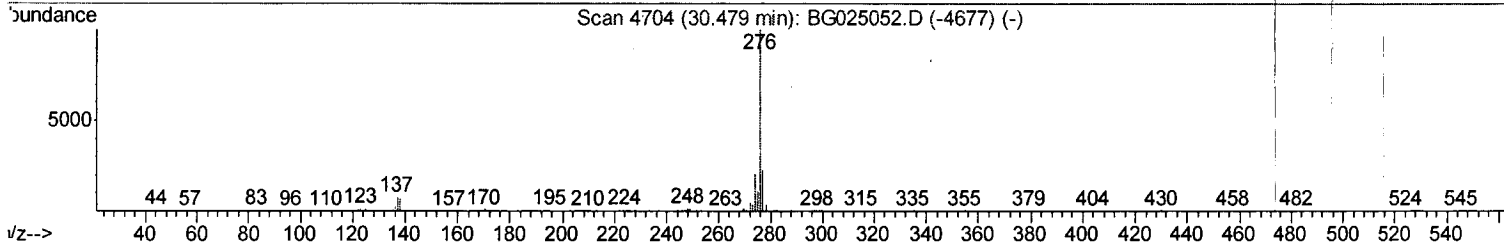
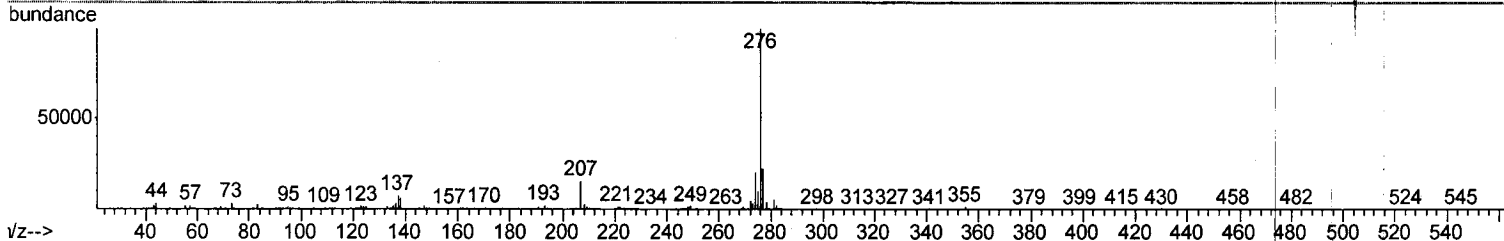
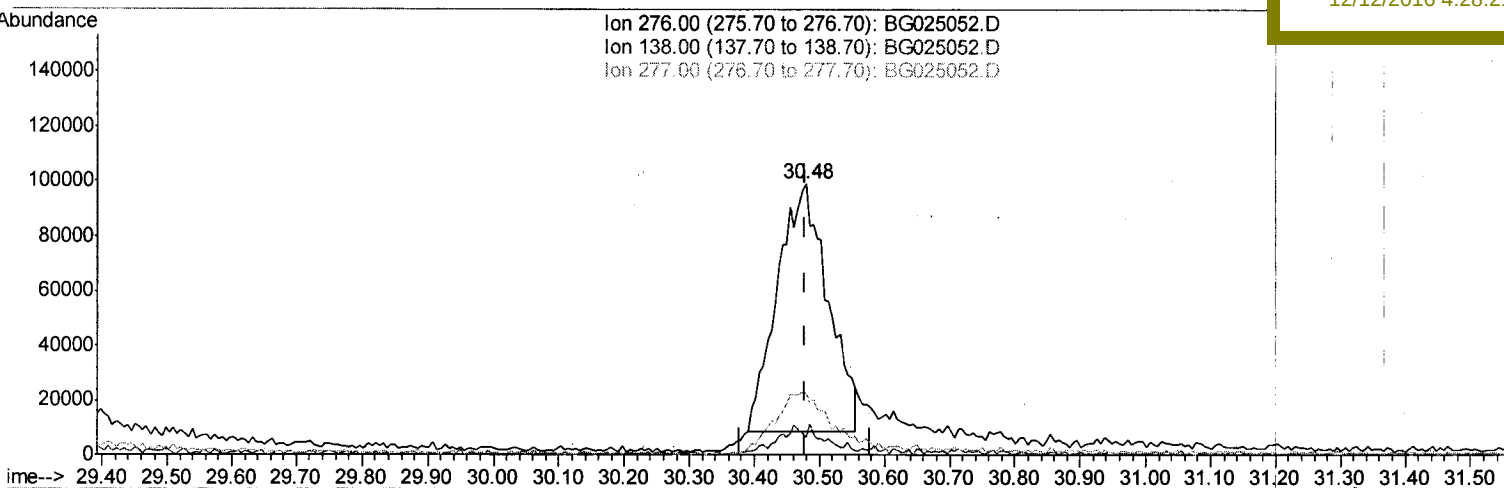
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TIC: BG025052.D

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

30.479min (0.000) 13.90ng/ul

response 484417

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	6.57#
277.00	22.00	22.78
0.00	0.00	0.00

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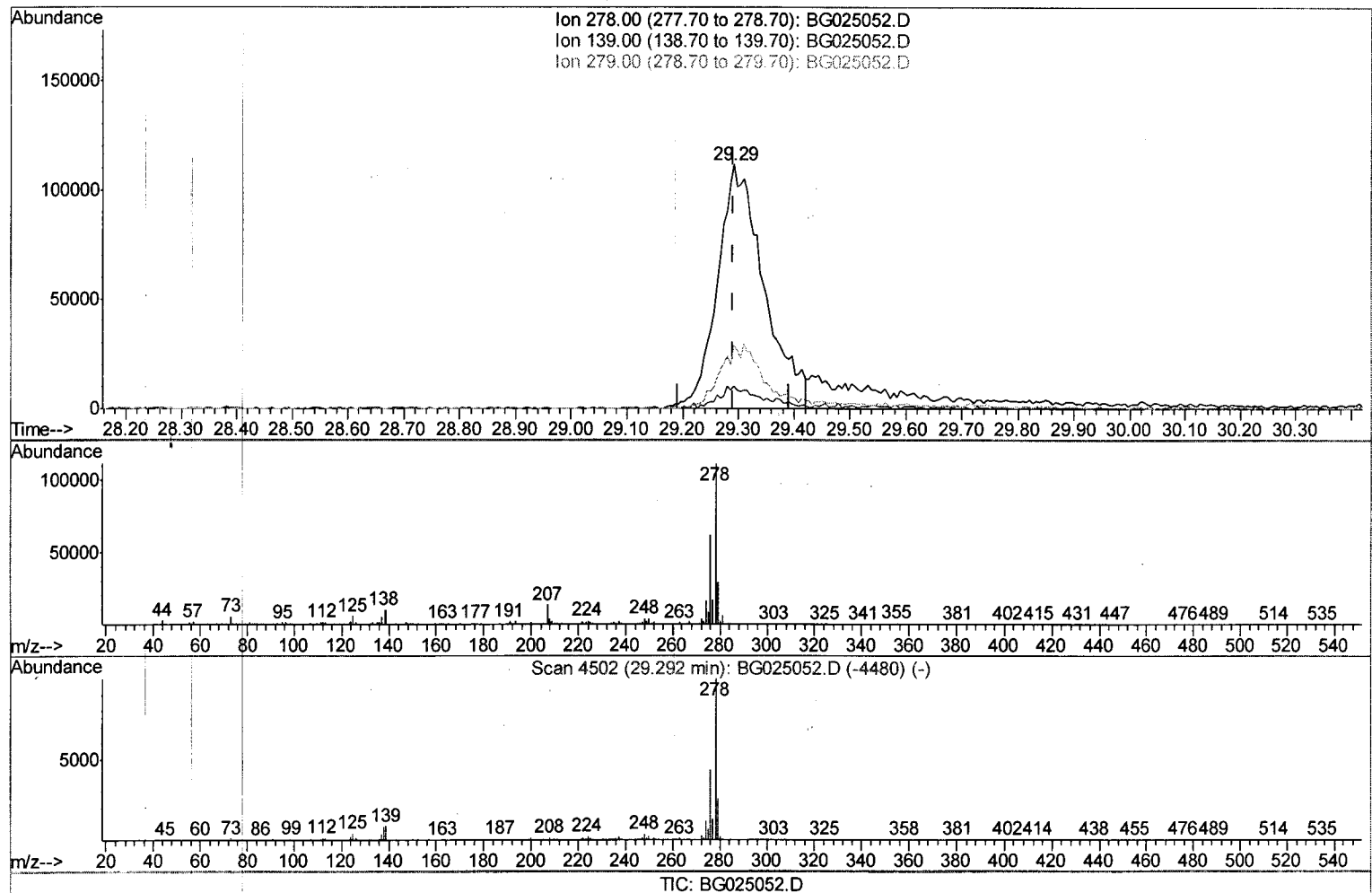
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(90) Dibenzo(a,h)anthracene

29.292min (0.000) 18.27ng/ul m

response 642821

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	9.13
279.00	26.10	26.12
0.00	0.00	0.00

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Quantitation Report (Qedit)

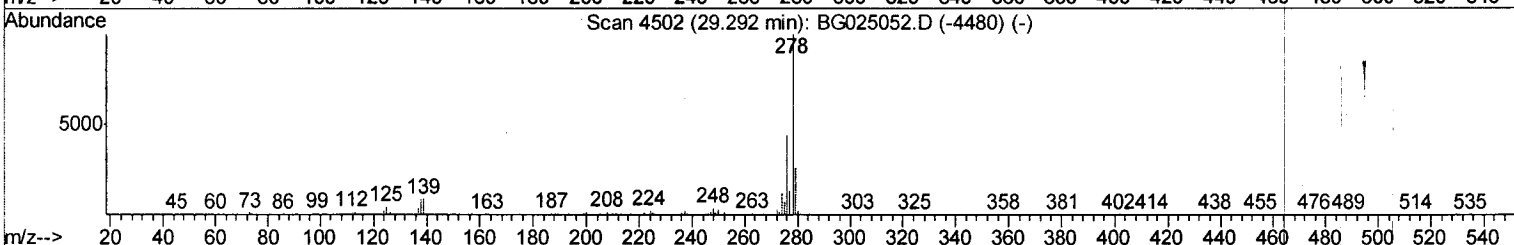
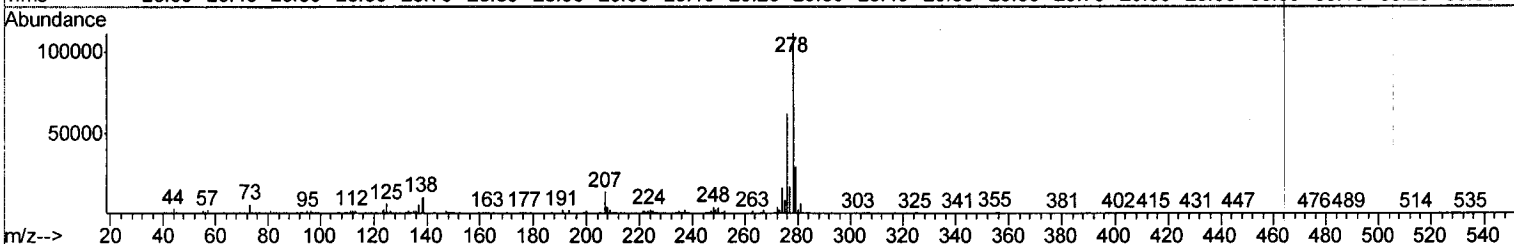
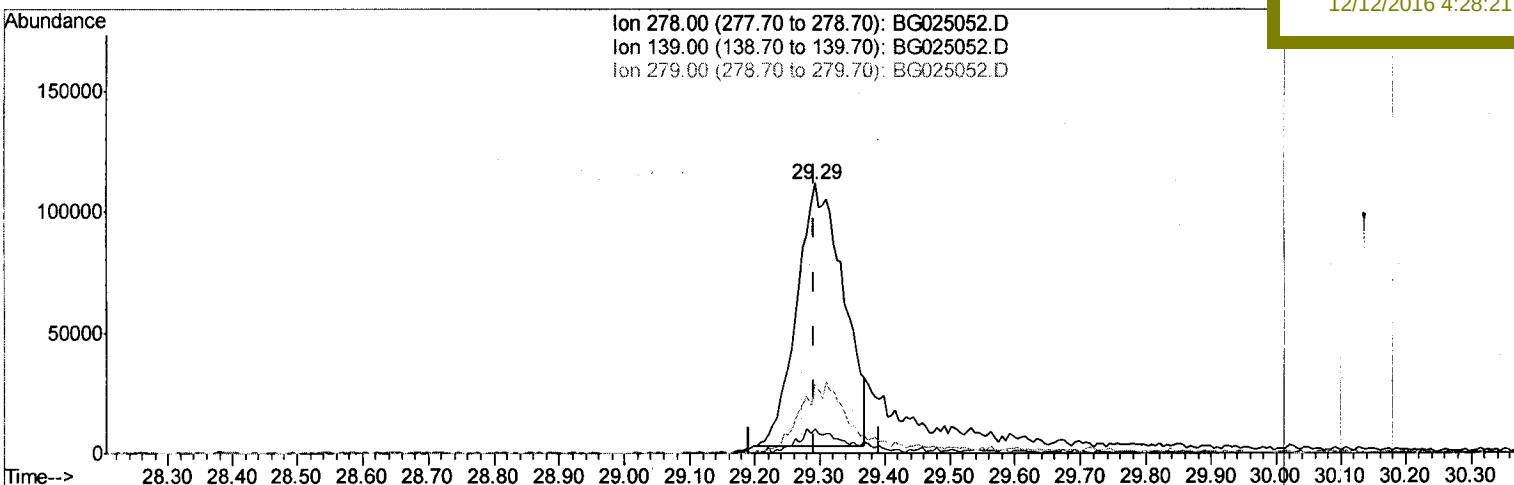
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TIC: BG025052.D

(90) Dibenzo(a,h)anthracene

29.292min (0.000) 15.37ng/ul

response 540912

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	9.13
279.00	26.10	26.12
0.00	0.00	0.00

Quantitation Report (Qedit)

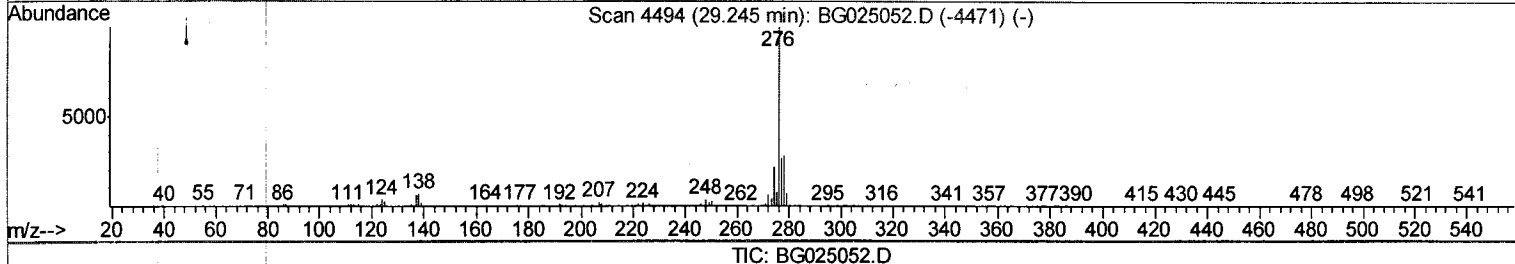
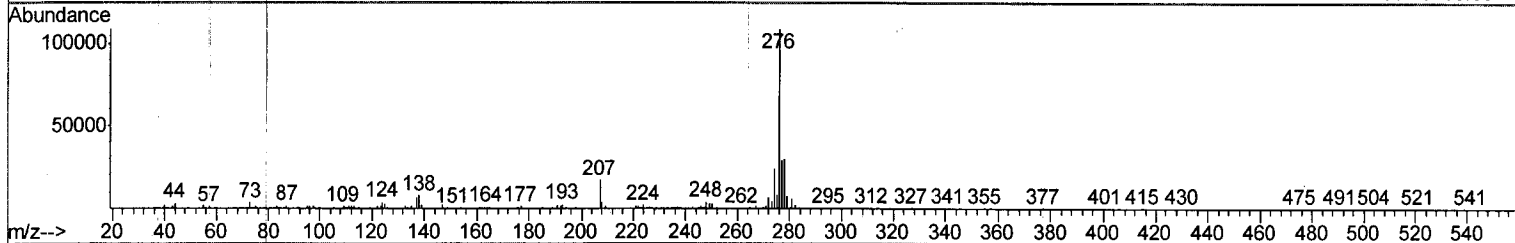
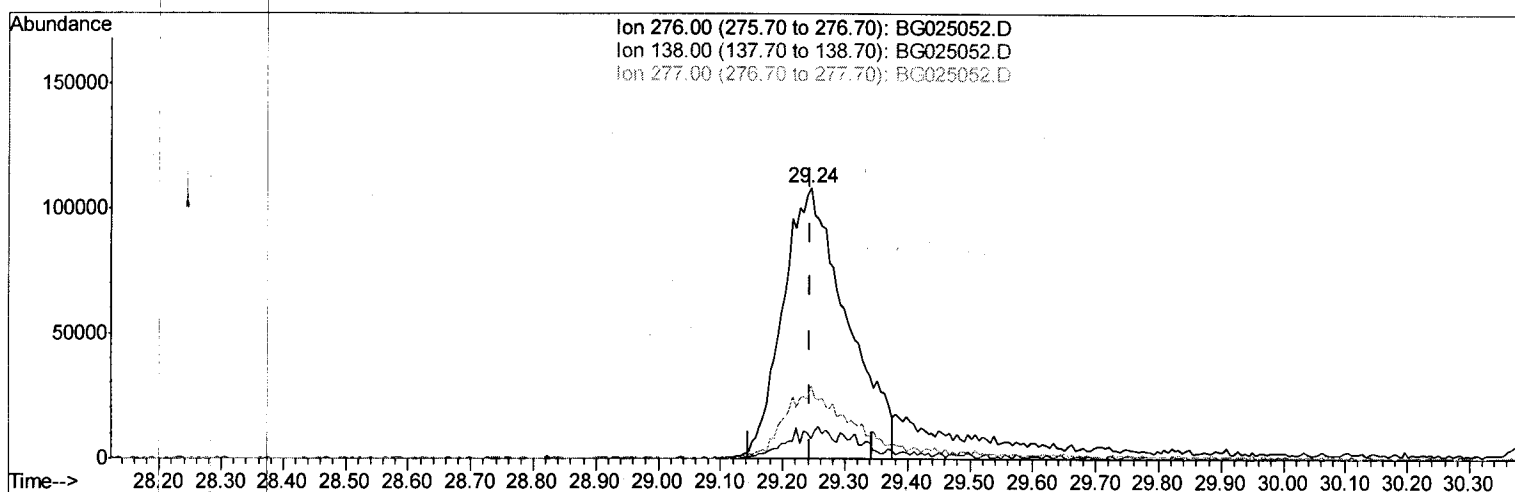
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(89) Indeno(1,2,3-cd)pyrene

29.245min (0.000) 18.42ng/ul m

response 769127

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	7.37#
277.00	23.30	27.01
0.00	0.00	0.00

> M.D
 12/13/2016

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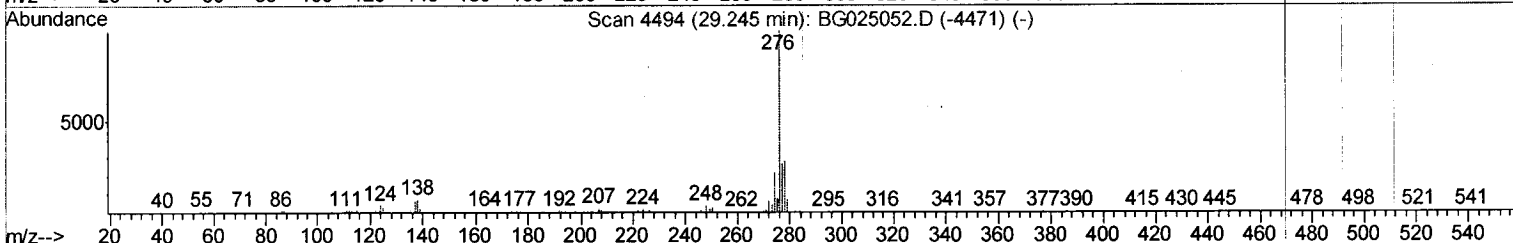
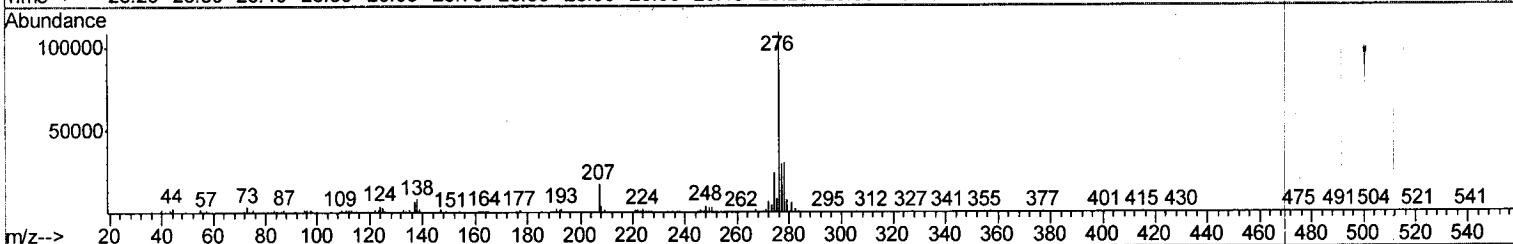
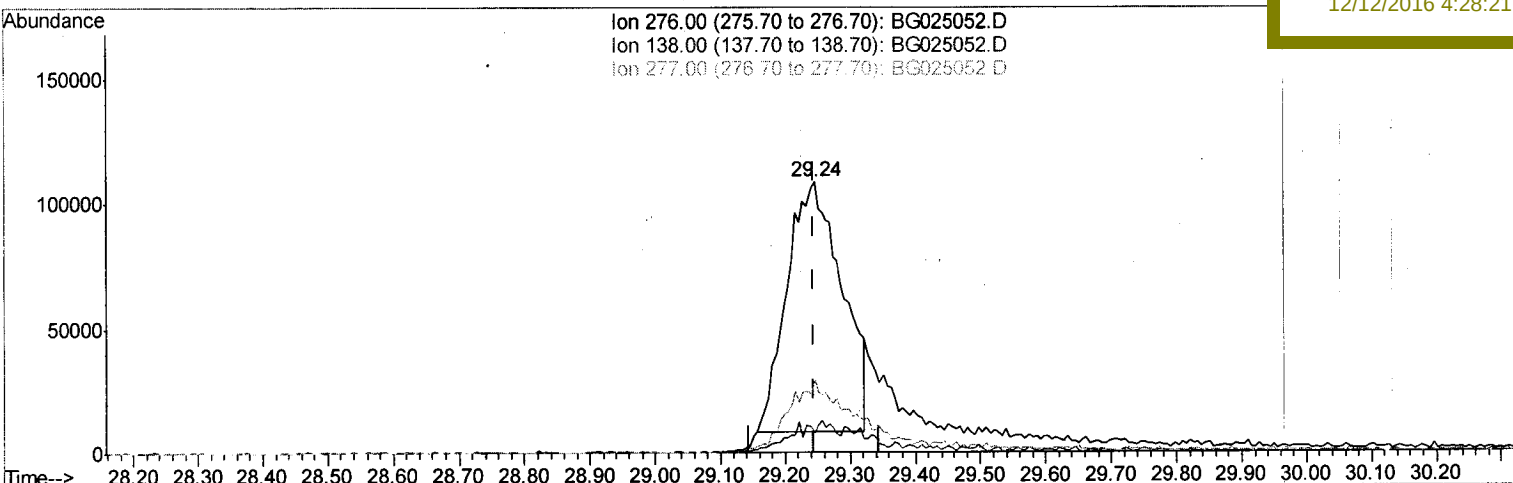
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 BNA G
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TIC: BG025052.D

(89) Indeno(1,2,3-cd)pyrene

29.245min (0.000) 14.12ng/ul

response 589500

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	7.37#
277.00	23.30	27.01
0.00	0.00	0.00

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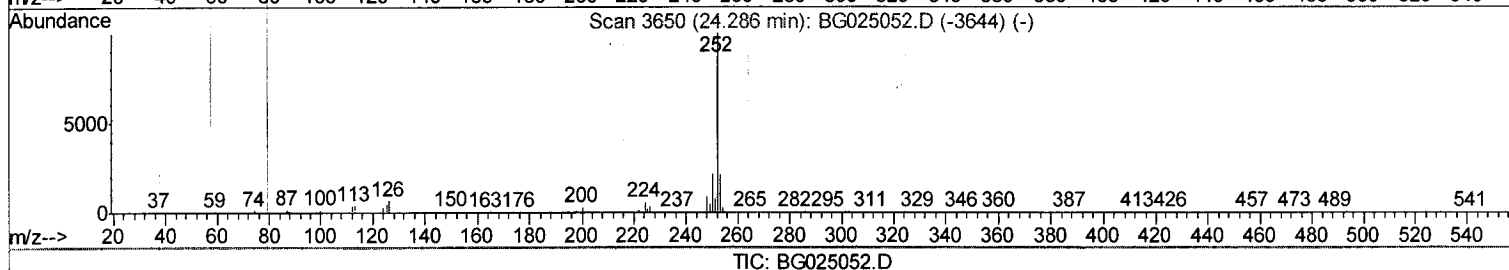
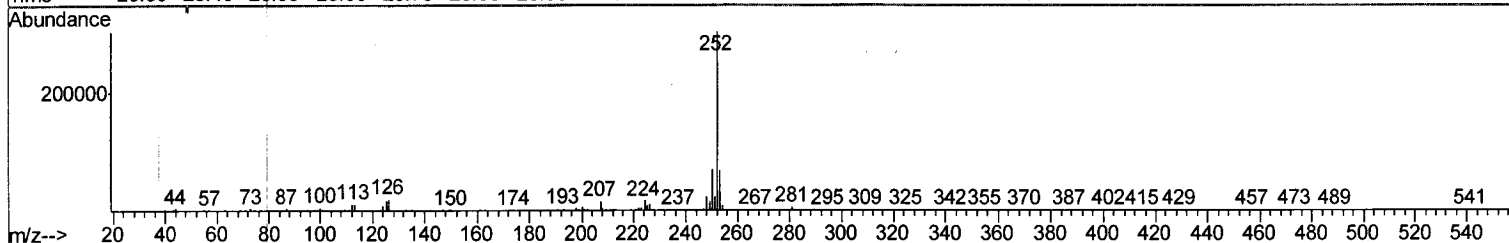
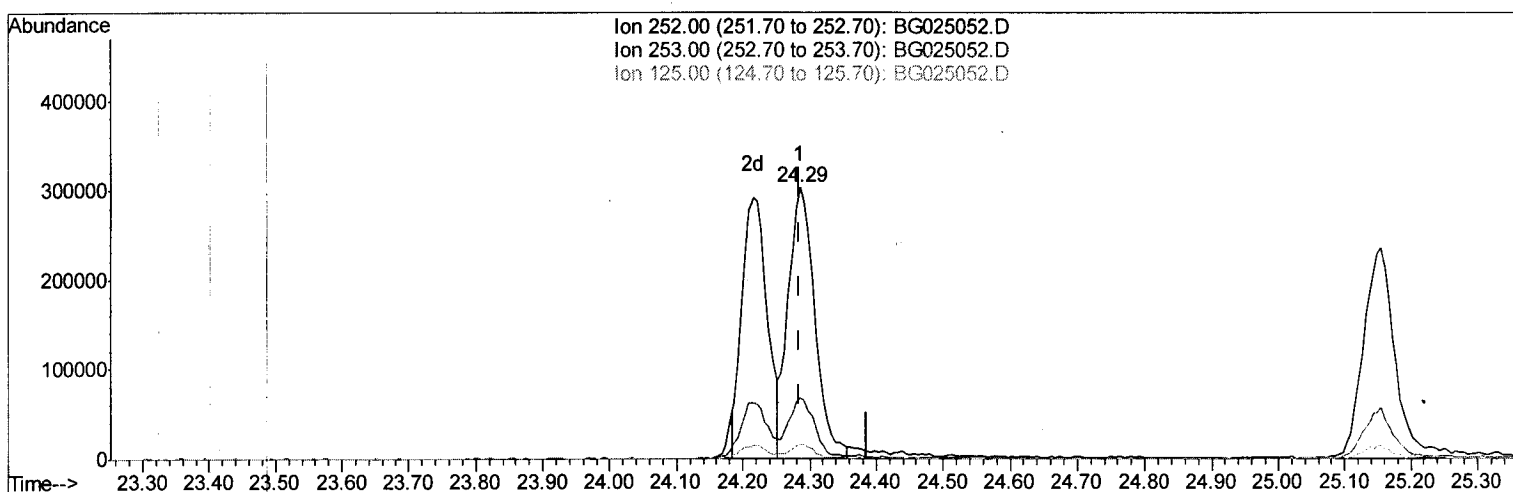
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Instrument :
 BNA_G
 LabSampled :
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Manual Integrations
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(86) Benzo(k)fluoranthene

24.286min (0.000) 25.35ng/ul m

response 842178

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	22.15
125.00	5.10	5.31
0.00	0.00	0.00

M.D
 > 12/13/2016

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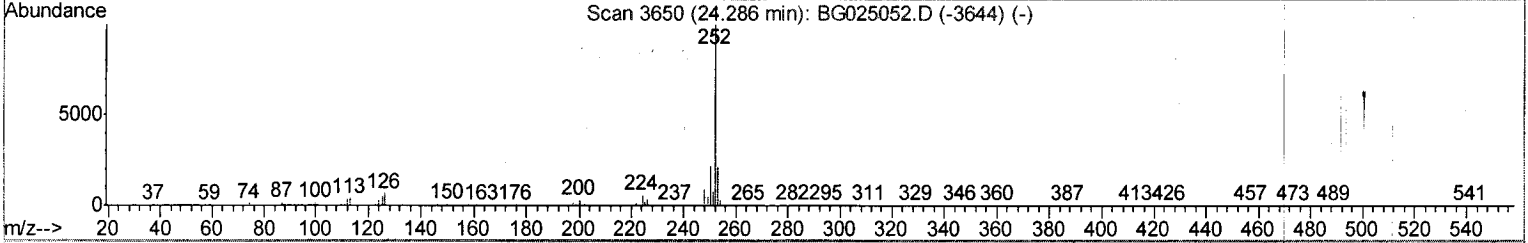
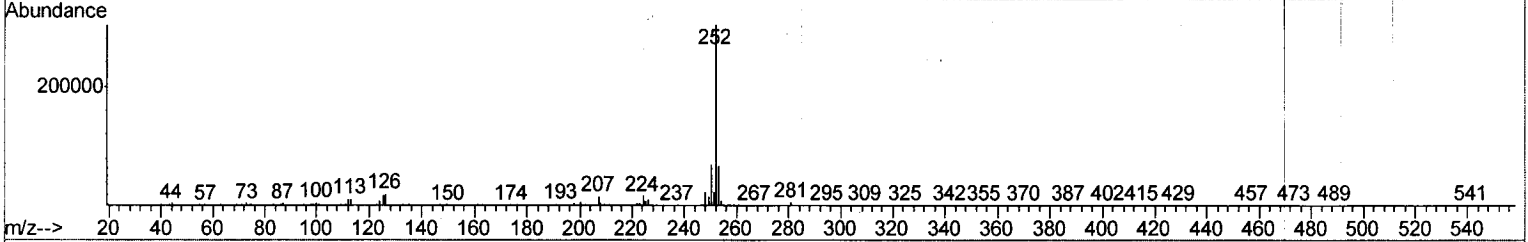
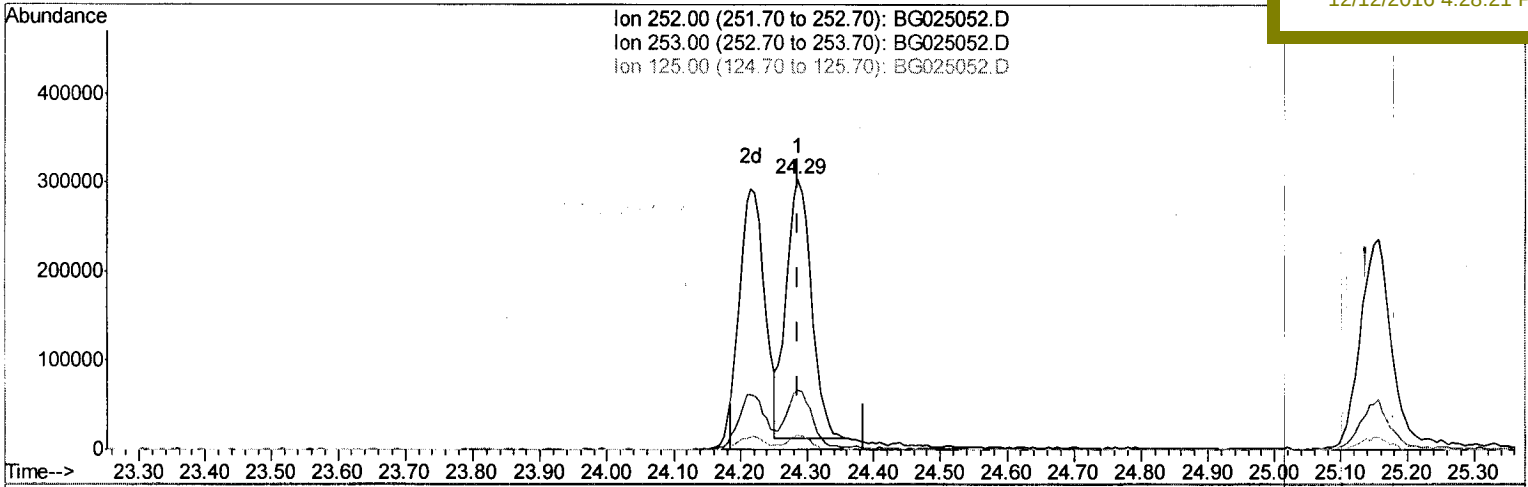
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(86) Benzo(k)fluoranthene
 24.286min (0.000) 23.06ng/ul
 response 766159

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	22.15
125.00	5.10	5.31
0.00	0.00	0.00

Quantitation Report (Qedit)

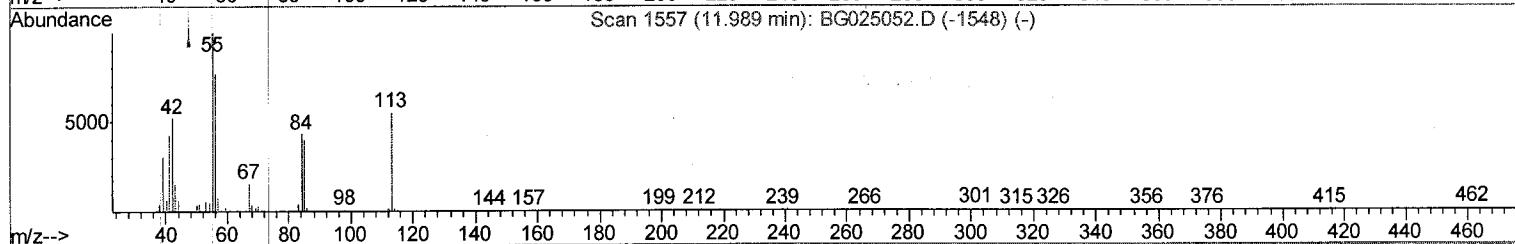
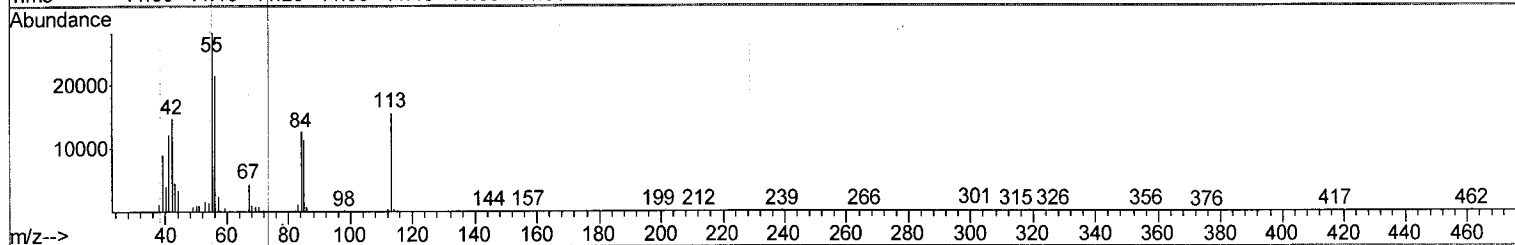
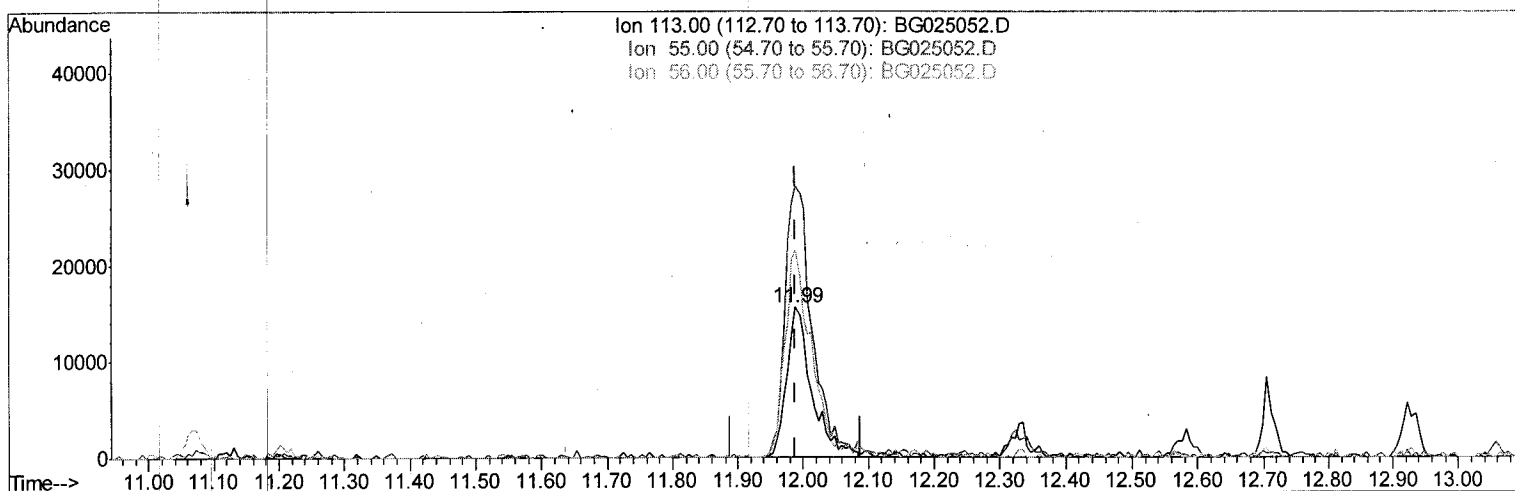
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
 Data File : BG025052.D
 Acq On : 10 Dec 2016 2:31
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:28:21 PM

Quant Time: Dec 12 03:22:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 03:10:41 2016
 Response via : Initial Calibration



TIC: BG025052.D

(32) Caprolactam

11.989min (0.000) 18.60ng/ul m

response 41141

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	180.83
56.00	160.60	138.35
0.00	0.00	0.00

> M.D
 12/13/2016

Quantitation Report (Qedit)

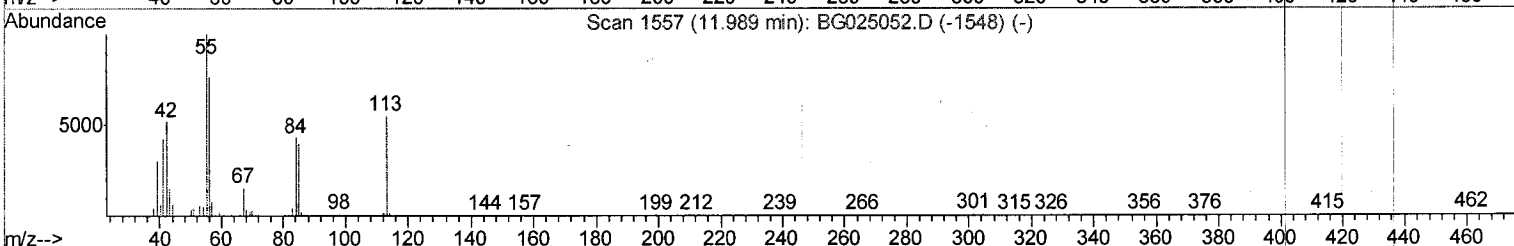
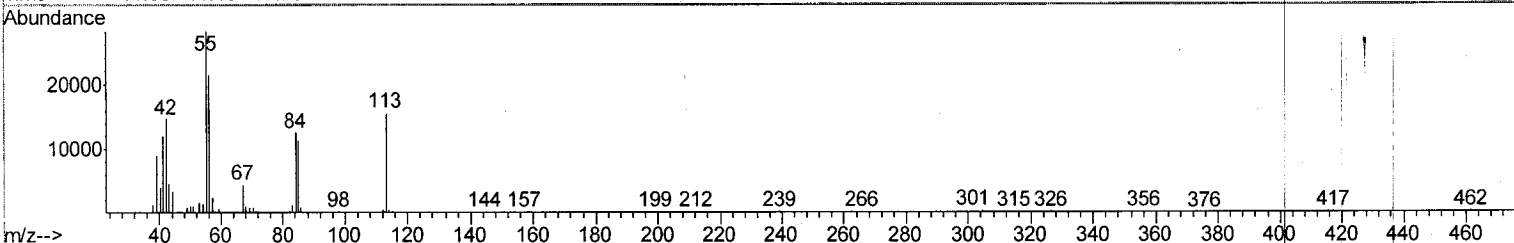
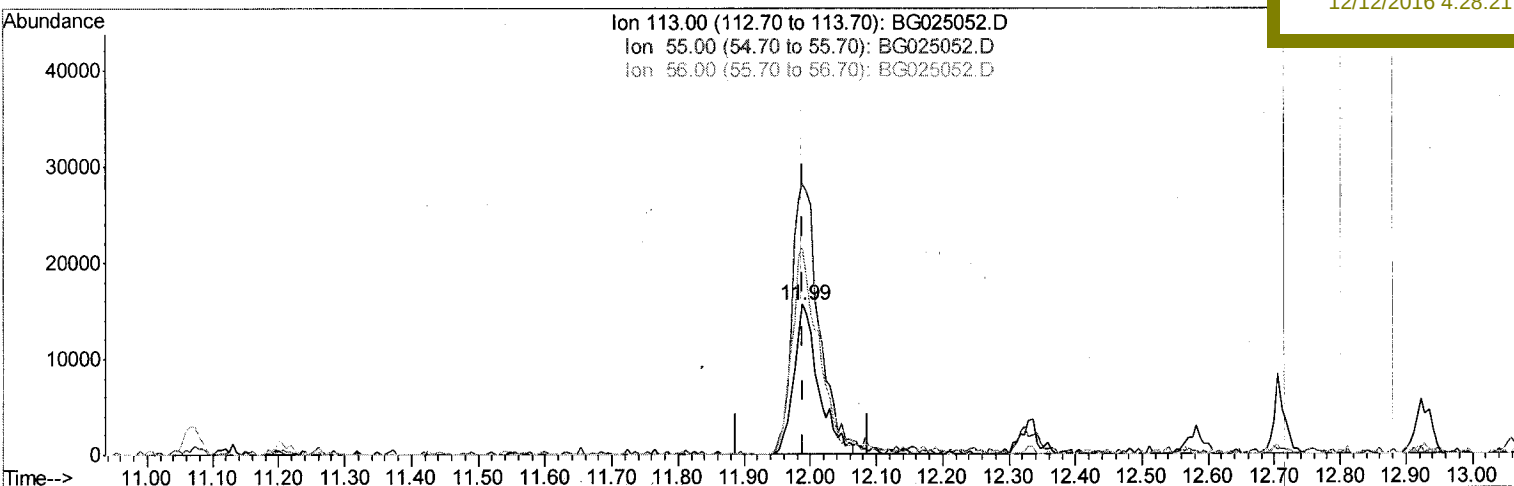
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
 Data File : BG025052.D
 Acq On : 10 Dec 2016 2:31
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Quant Time: Dec 12 03:22:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 03:10:41 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:28:21 PM



TIC: BG025052.D

(32) Caprolactam

11.989min (0.000) 18.25ng/ul

response 40365

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	180.83
56.00	160.60	138.35
0.00	0.00	0.00

Quantitation Report (Qedit)

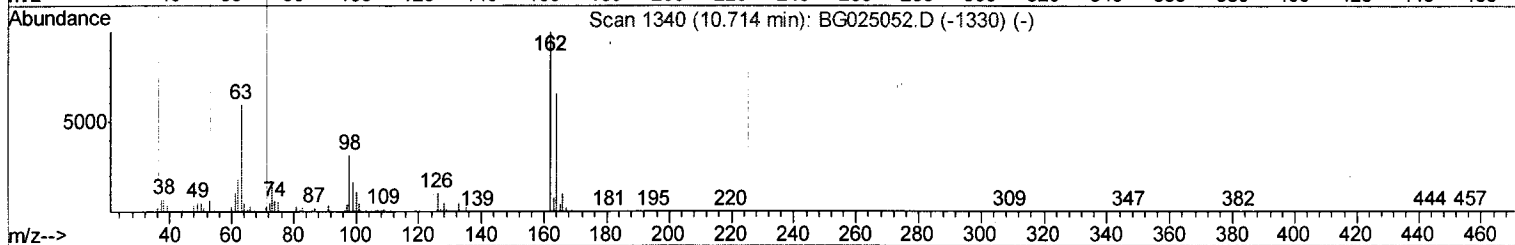
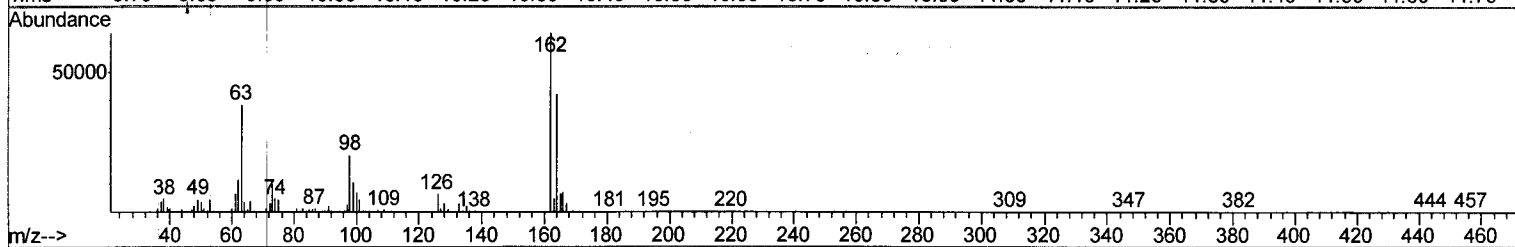
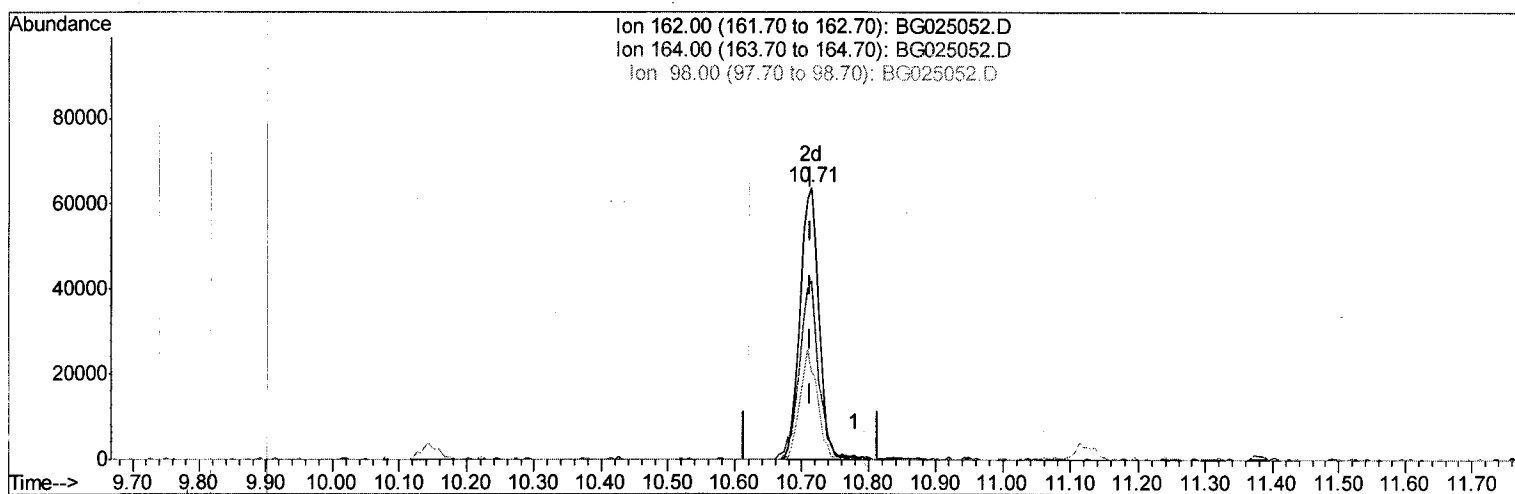
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
 Data File : BG025052.D
 Acq On : 10 Dec 2016 2:31
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:28:21 PM

Quant Time: Dec 12 03:22:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 03:10:41 2016
 Response via : Initial Calibration



TIC: BG025052.D

(27) 2,4-Dichlorophenol (C)

10.714min (0.000) 23.23ng/ul m

response 123699

Ion	Exp%	Act%
162.00	100	100
164.00	63.50	65.60
98.00	40.10	31.88#
0.00	0.00	0.00

> $\frac{1M.D}{12/13/2016}$

Quantitation Report (Qedit)

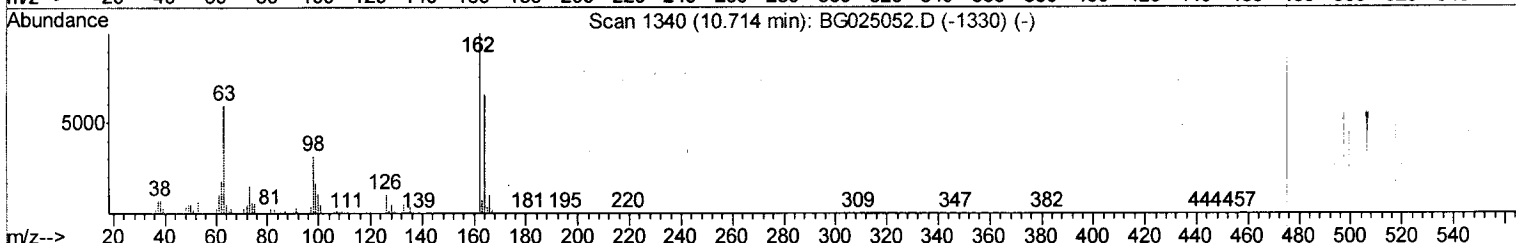
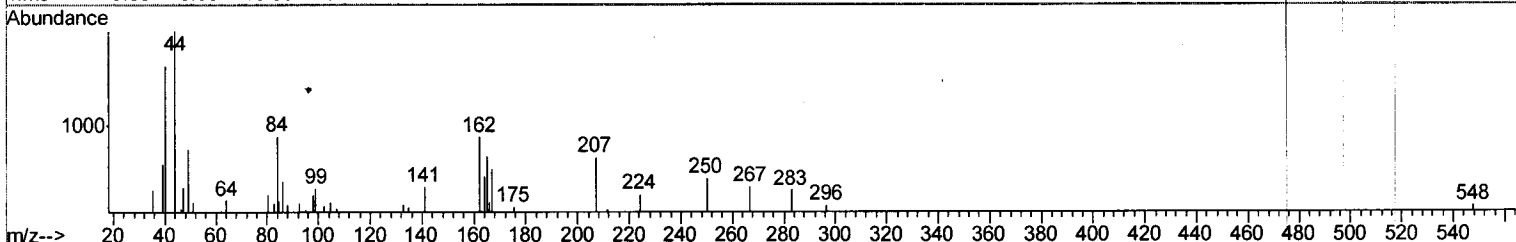
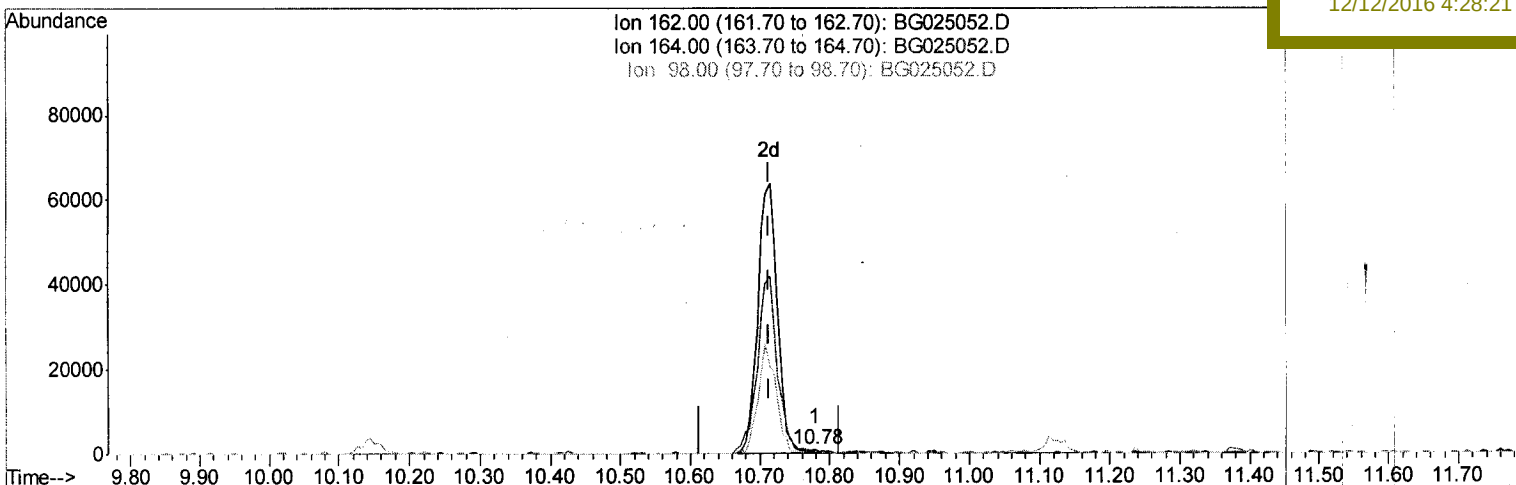
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
 Data File : BG025052.D
 Acq On : 10 Dec 2016 2:31
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 12 03:22:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 03:10:41 2016
 Response via : Initial Calibration

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Manual Integrations
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Sohil
 12/12/2016 4:28:21 PM



TIC: BG025052.D

(27) 2,4-Dichlorophenol (C)

10.778min (+0.065) 0.07ng/ul

response 364

Ion	Exp%	Act%
162.00	100	100
164.00	63.50	56.08
98.00	40.10	36.49
0.00	0.00	0.00

(QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
Data File : BG025052.D
Acq On : 10 Dec 2016 2:31
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02024

Quant Time: Dec 12 03:24:33 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 03:10:41 2016
Response via : Initial Calibration

Manual Integrations APPROVED

Sohil
12/12/2016 4:28:21 PM

