

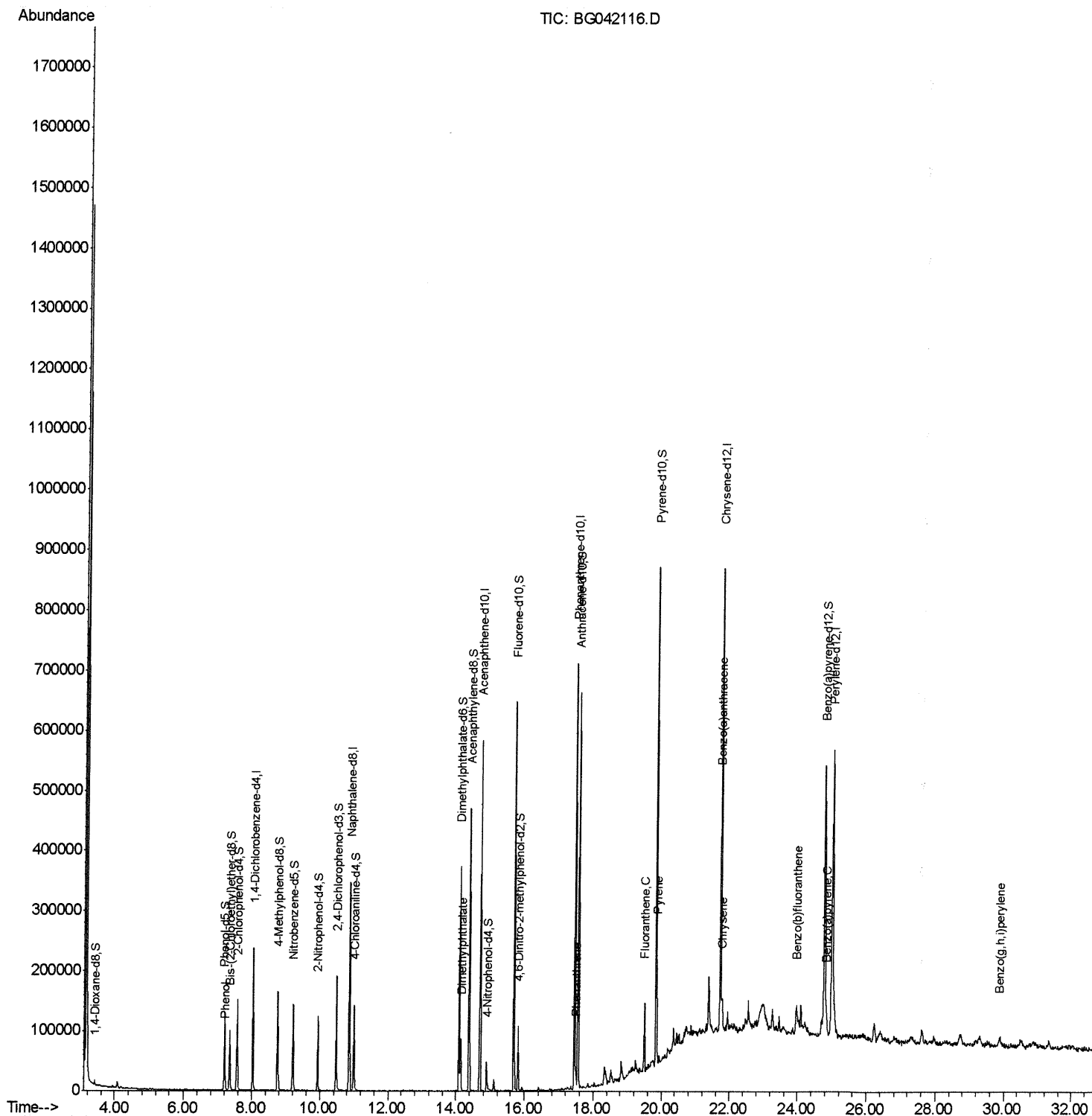
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042116.D
Acq On : 10 Aug 2019 00:01
Operator : HP/JU
Sample : K4041-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
BENT5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:19:25 AM

Quant Time: Aug 10 04:43:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

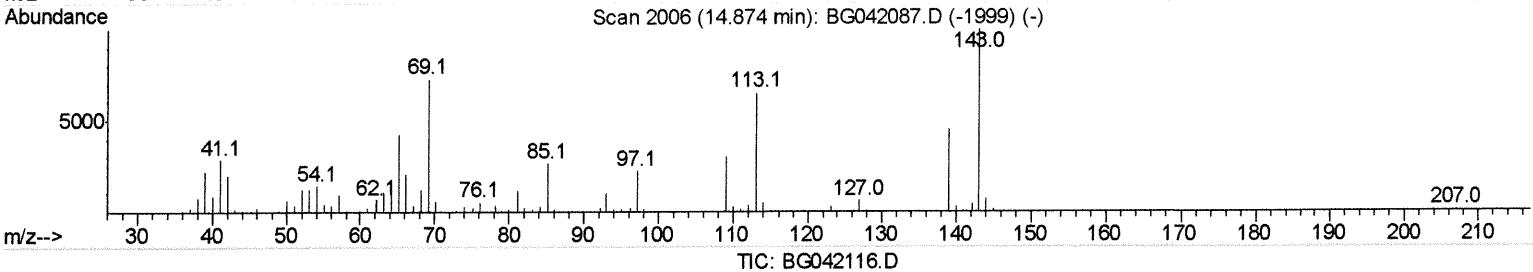
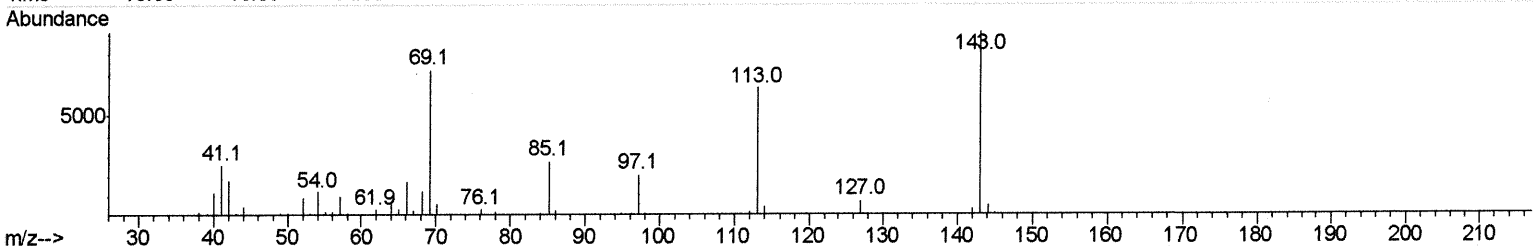
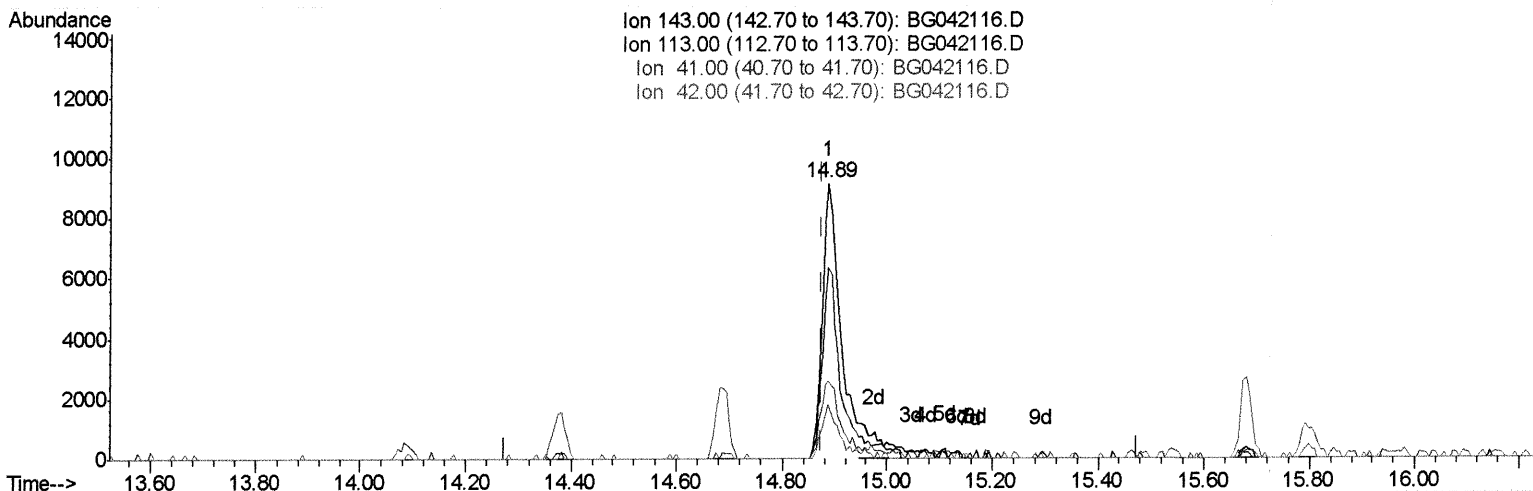
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(51) 4-Nitrophenol-d4 (S)

14.887min (+0.013) 7.32ng/ul

response 21908

Ion	Exp%	Act%
143.00	100	100
113.00	68.30	69.51
41.00	31.00	28.33
42.00	21.10	19.71

Quantitation Report (Qedit)

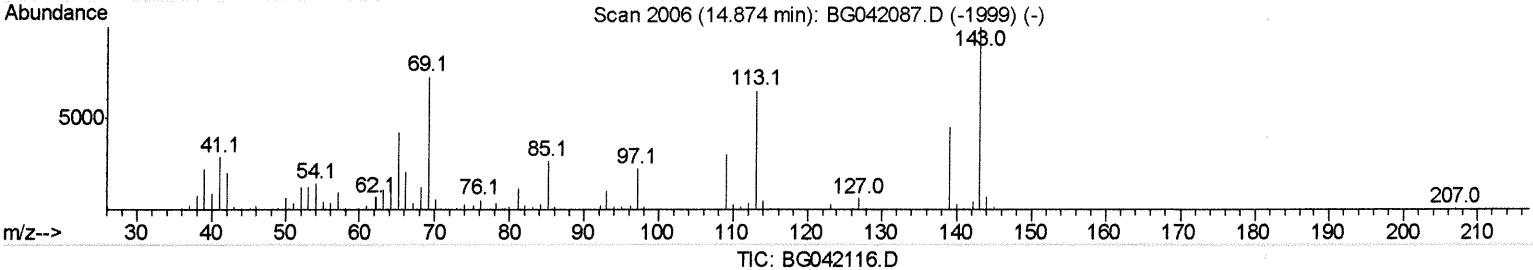
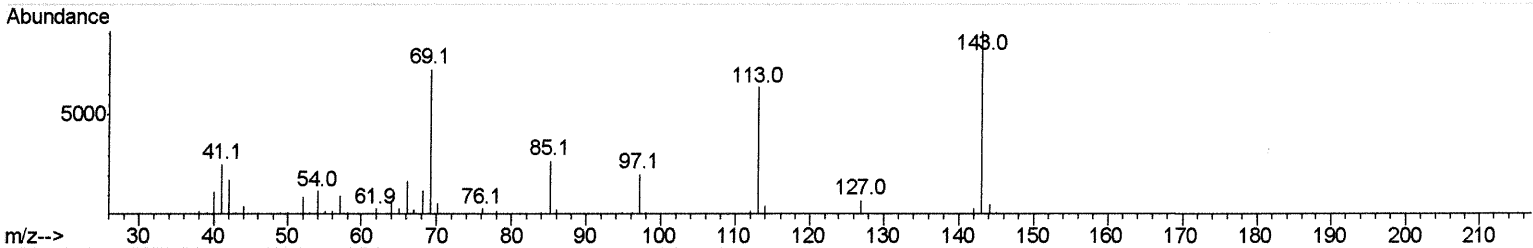
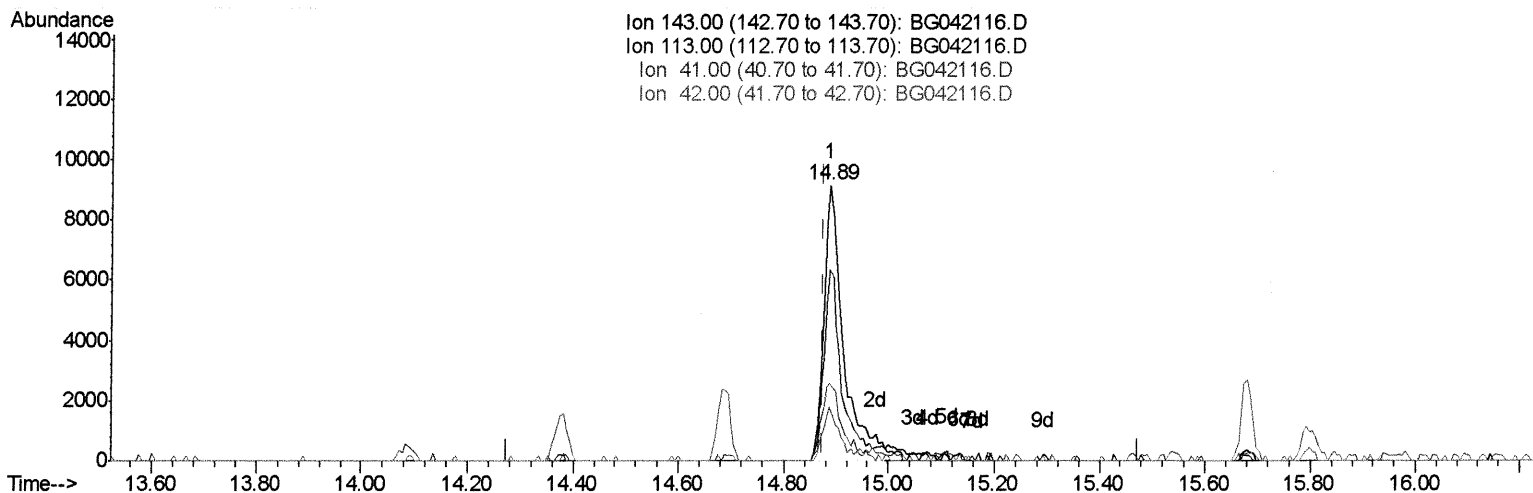
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 Operator : HP/JU
 Sample : K4041-11
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENT5

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:19:25 AM

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(51) 4-Nitrophenol-d4 (S)

14.887min (+0.013) 8.05ng/ul m *JU* 08/12/19

response 24097

Ion	Exp%	Act%
143.00	100	100
113.00	68.30	69.51
41.00	31.00	28.33
42.00	21.10	19.71

Quantitation Report (Qedit)

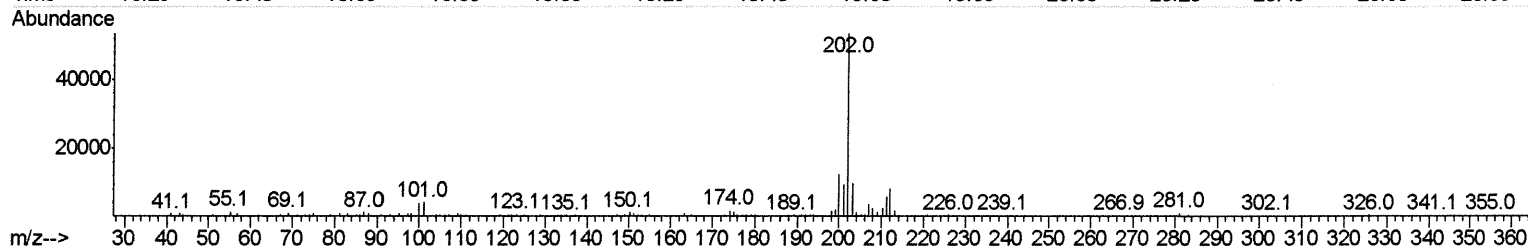
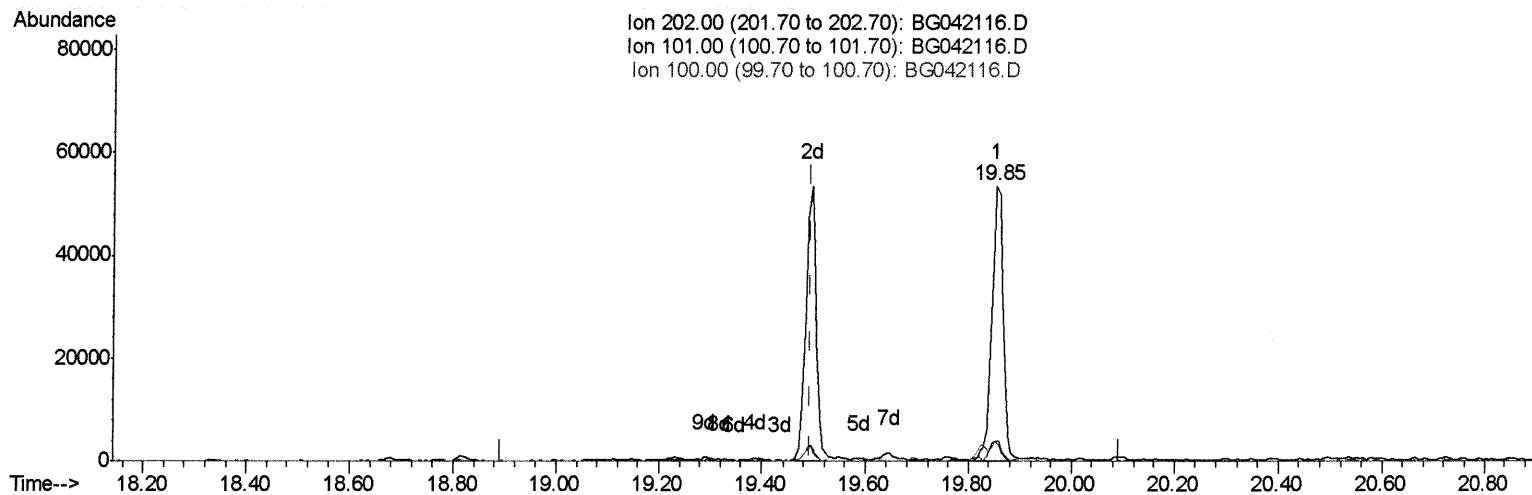
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Sample : K4041-11
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ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENT5

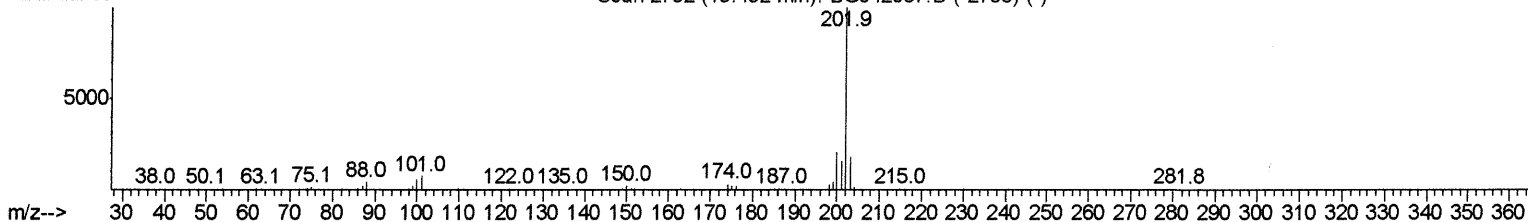
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APPROVED

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Scan 2792 (19.492 min): BG042087.D (-2785) (-)



TIC: BG042116.D

(76) Fluoranthene (C)

19.852min (+0.359) 2.58ng/ul

response 78849

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	7.51
100.00	6.60	7.44
0.00	0.00	0.00

Quantitation Report (Qedit)

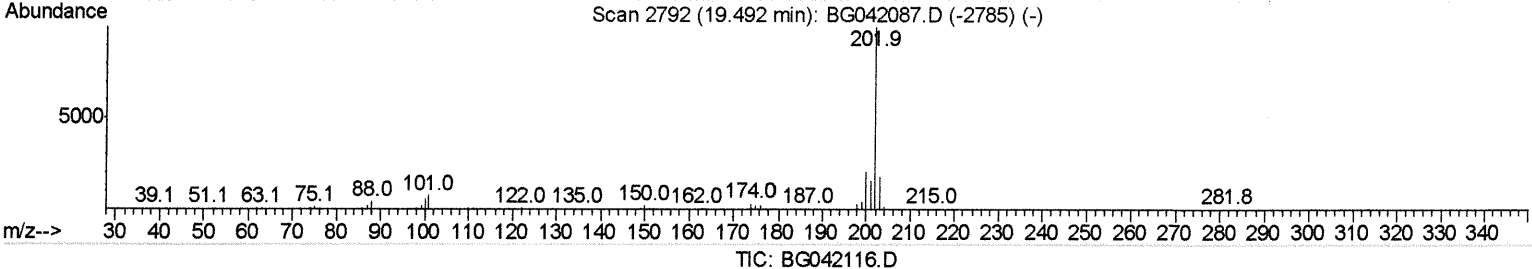
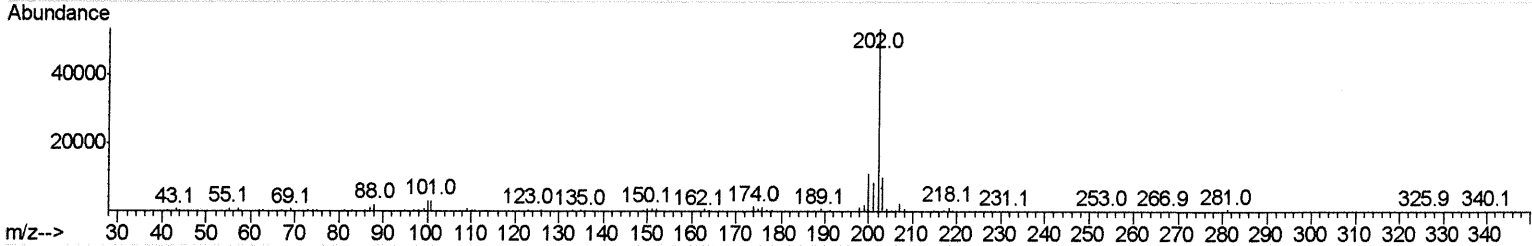
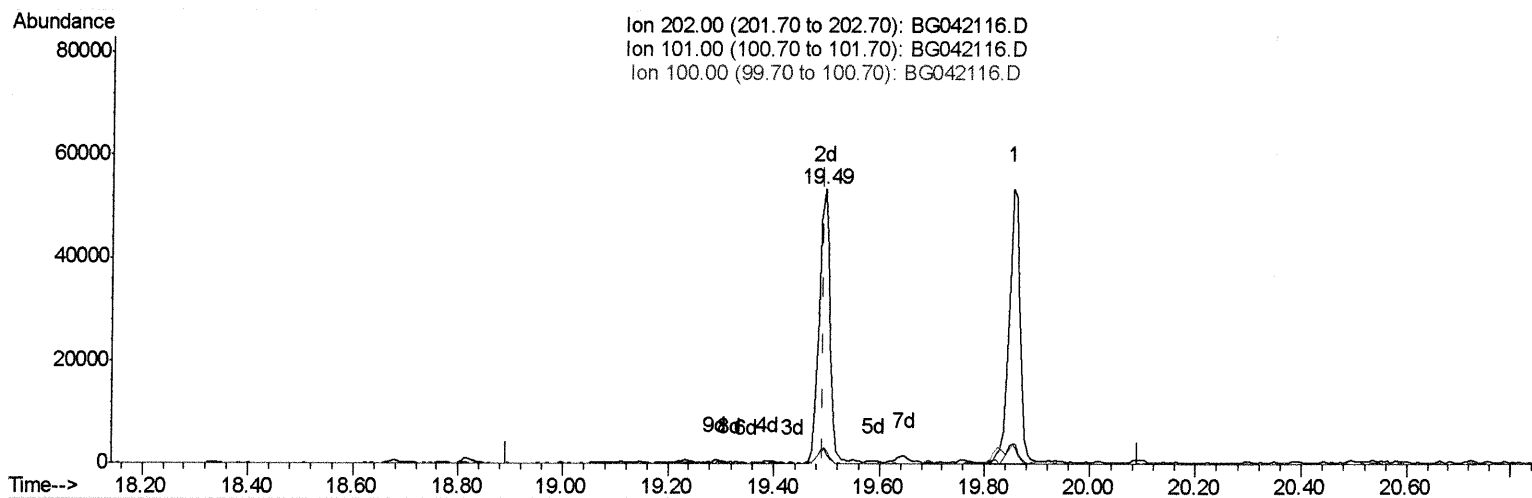
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 Acq On : 10 Aug 2019 00:01
 Operator : HP/JU
 Sample : K4041-11
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENT5

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:19:25 AM

Quant Time: Aug 10 02:32:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



(76) Fluoranthene (C)

19.493min (+0.001) 2.57ng/ul m *JU 08/12/19*

response 78440

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	6.00#
100.00	6.60	5.54
0.00	0.00	0.00

Quantitation Report (Qedit)

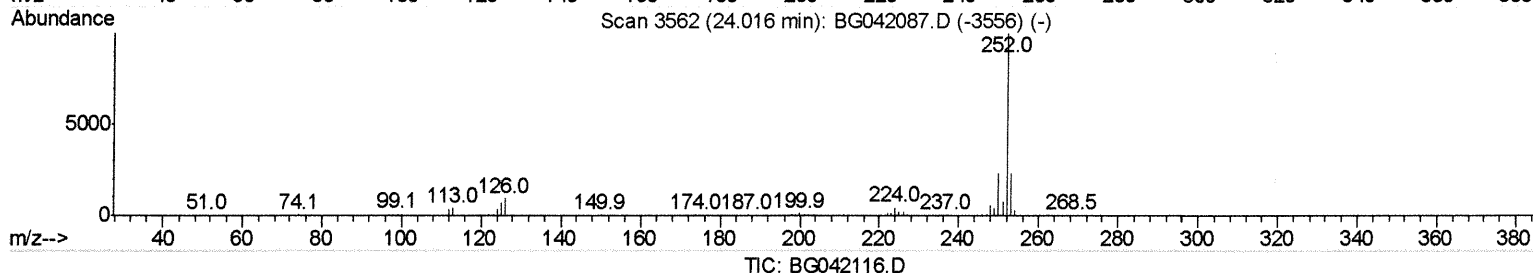
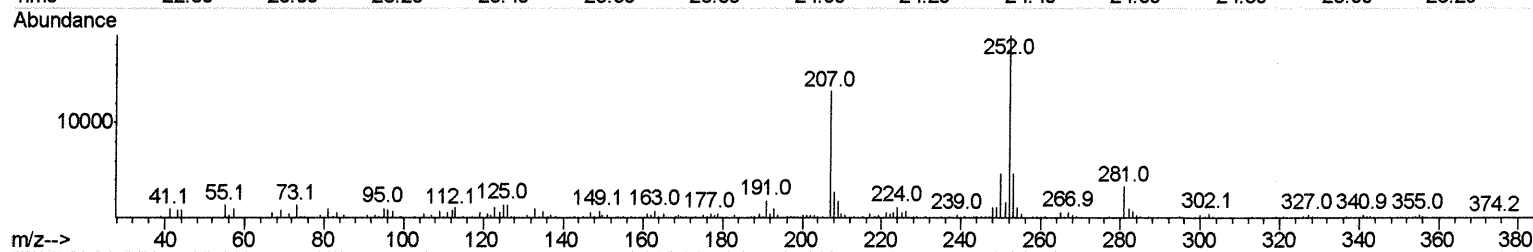
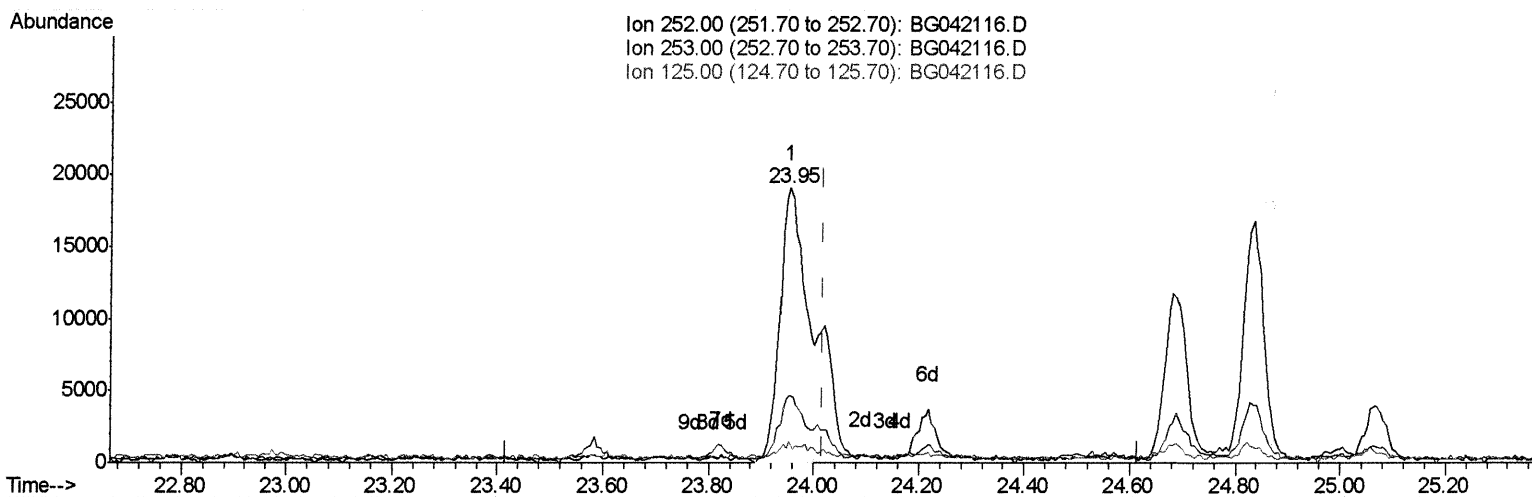
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042116.D
Acq On : 10 Aug 2019 00:01
Operator : HP/JU
Sample : K4041-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENT5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:19:25 AM

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(88) Benzo(k)fluoranthene

23.953min (-0.064) 1.89ng/ul

response 64445

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	24.44
125.00	6.90	7.58
0.00	0.00	0.00

Quantitation Report (Qedit)

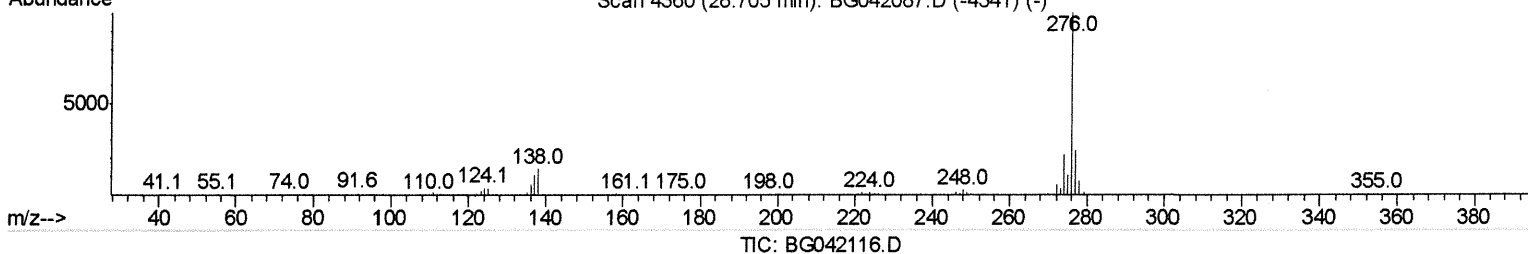
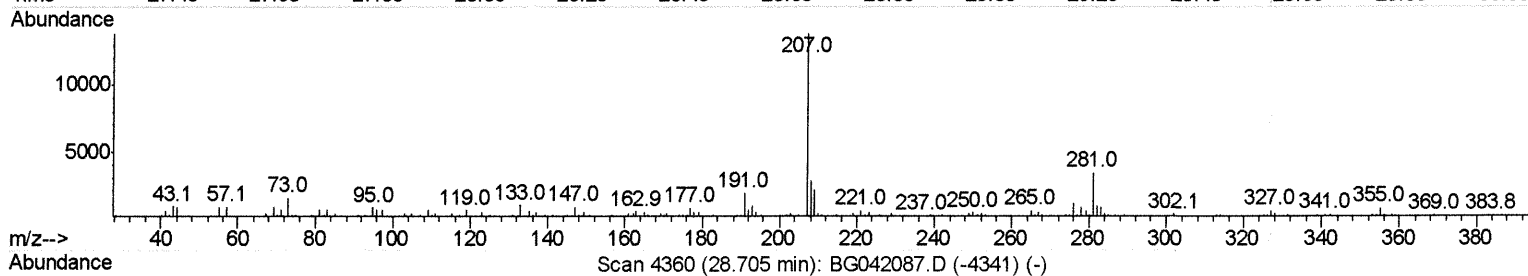
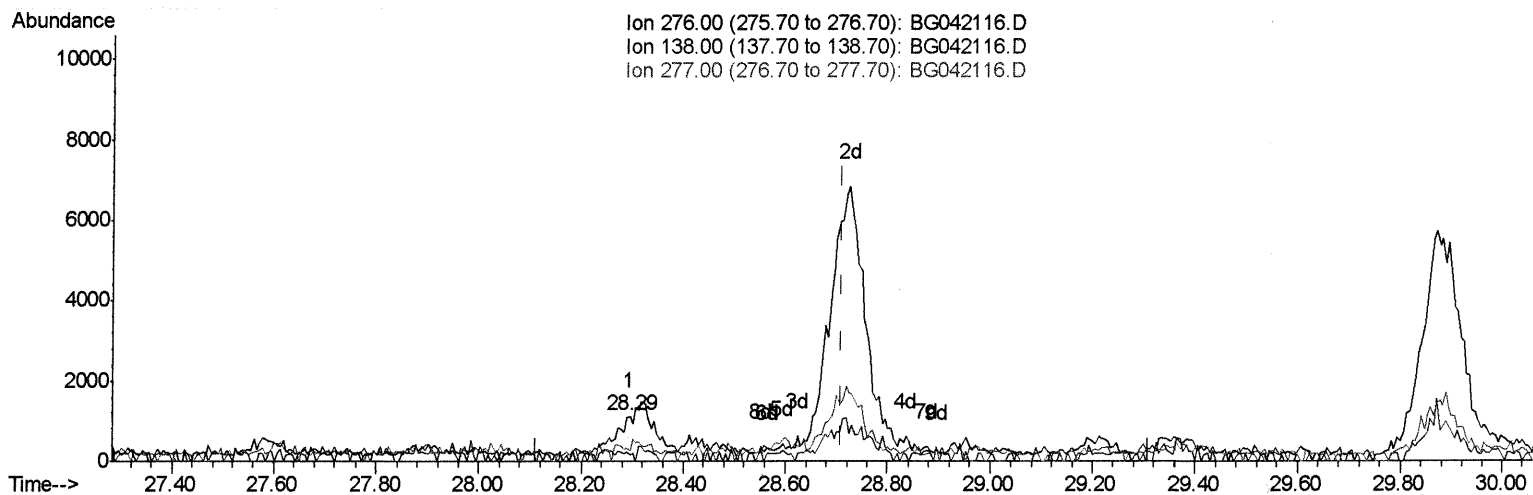
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Data File : BG042116.D
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Operator : HP/JU
Sample : K4041-11
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
BENT5

Manual Integrations
APPROVED

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Response via : Initial Calibration



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

28.295min (-0.416) 0.01ng/ul

response 466

Ion	Exp%	Act%
276.00	100	100
138.00	15.00	15.18
277.00	24.00	24.89
0.00	0.00	0.00

Quantitation Report (Qedit)

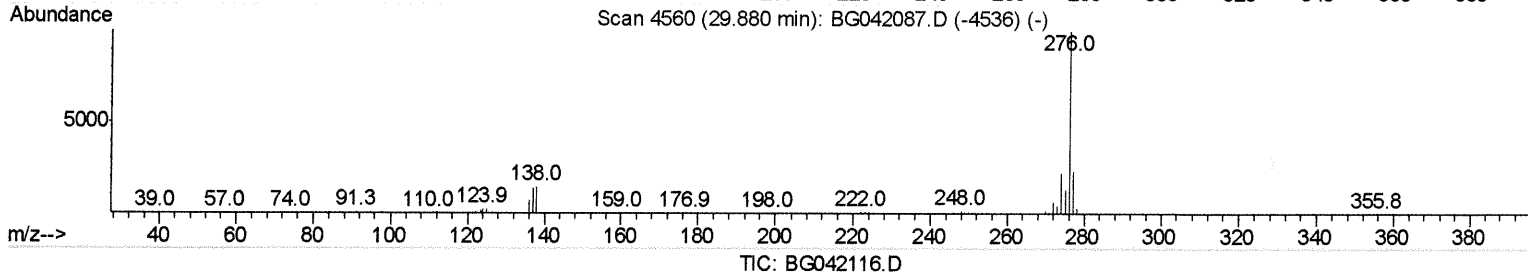
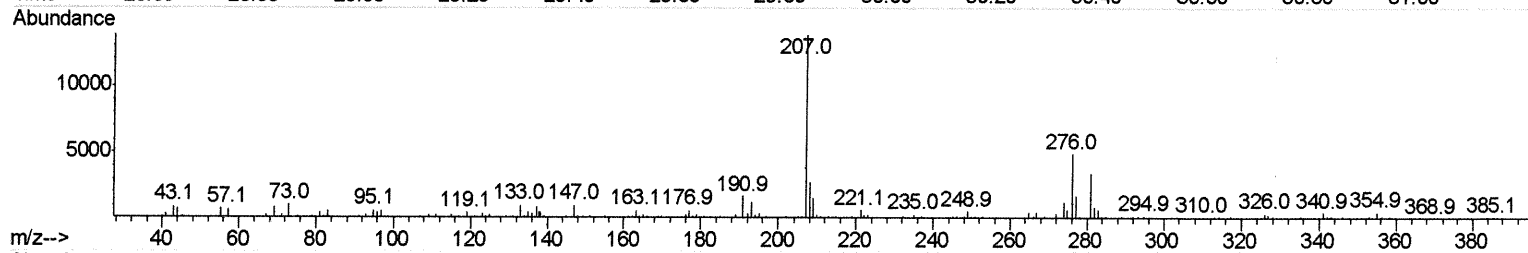
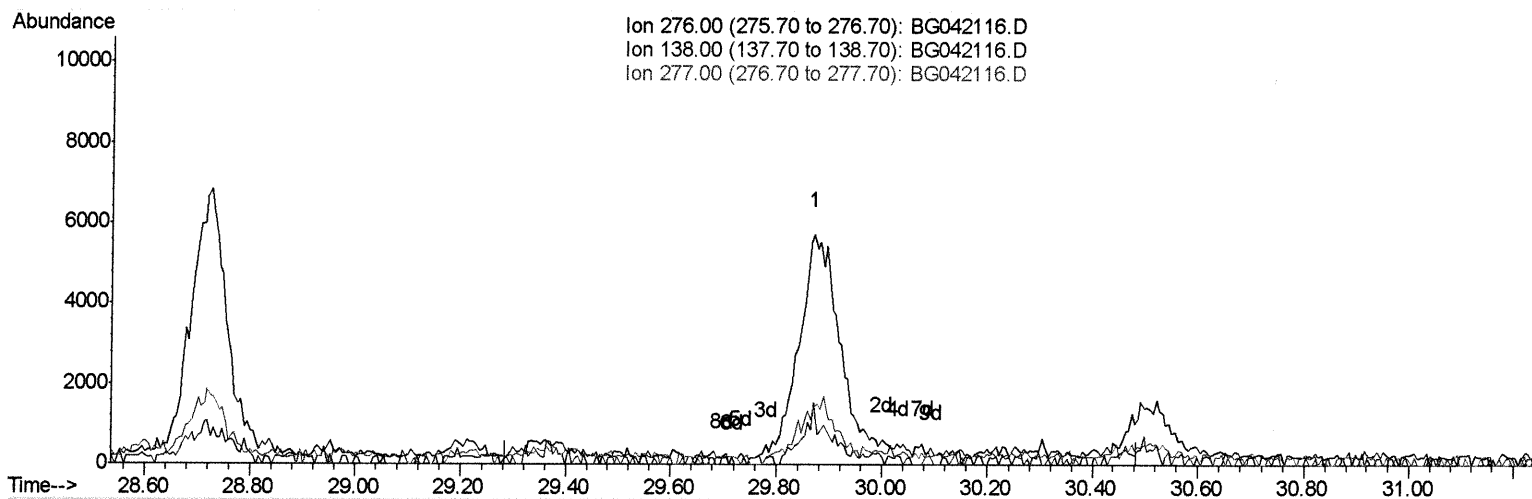
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 Data File : BG042116.D
 Acq On : 10 Aug 2019 00:01
 Operator : HP/JU
 Sample : K4041-11
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENT5

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:19:25 AM

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 Response via : Initial Calibration



TIC: BG042116.D

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

29.886min (-29.886) 0.00ng/ul d

response 0

Ion	Exp%	Act%
276.00	100	0.00
138.00	15.70	0.00
277.00	24.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

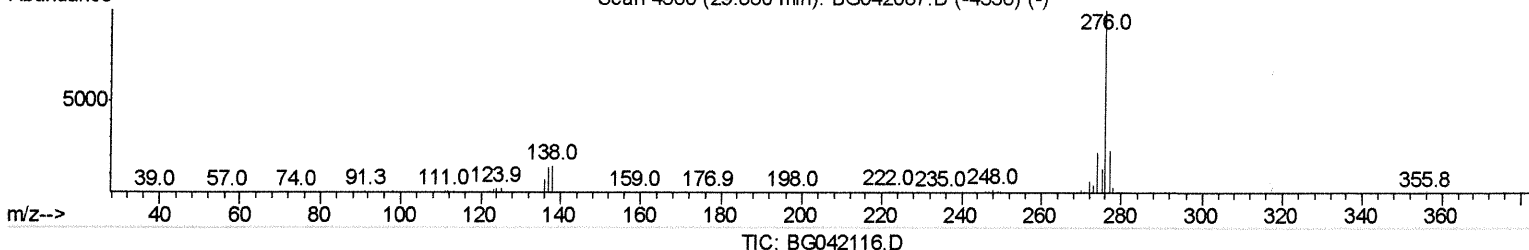
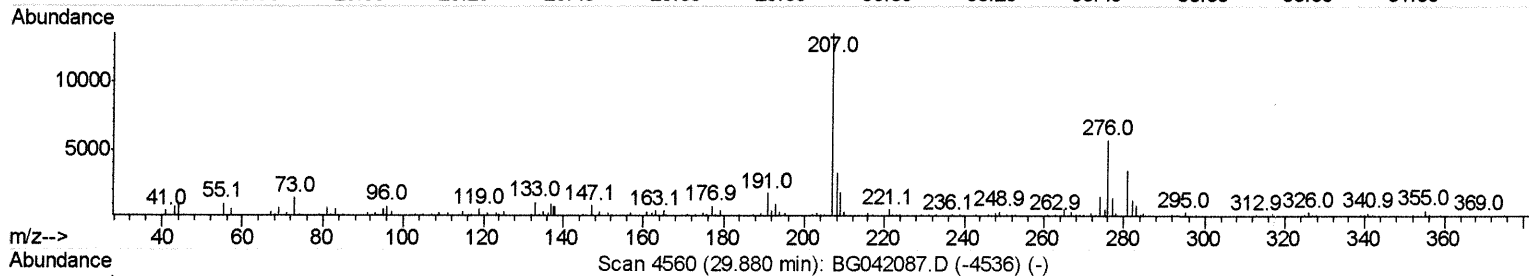
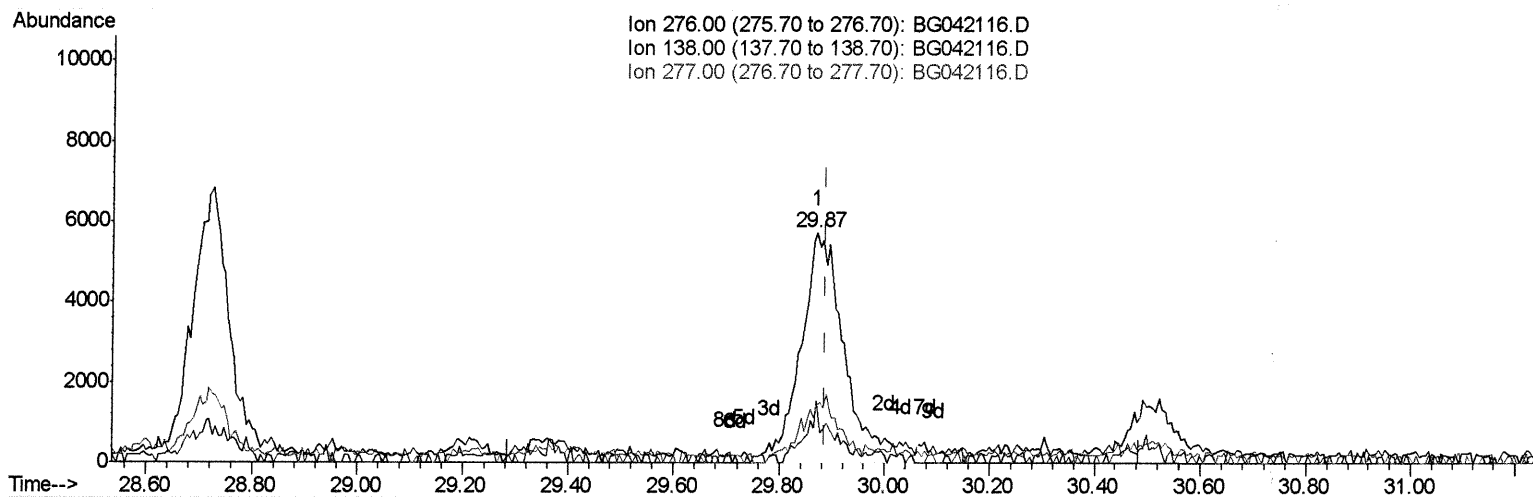
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 Data File : BG042116.D
 Acq On : 10 Aug 2019 00:01
 Operator : HP/JU
 Sample : K4041-11
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
 APPROVED

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

29.869min (-0.017) 1.03ng/ul m

JU 08/12/19

response 34070

Ion	Exp%	Act%
276.00	100	100
138.00	15.70	14.05
277.00	24.00	25.10
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	79657	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	328169	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	229740	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	482838	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	477794	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	566208	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	3782	2.08	ng/uL	0.00
5) Phenol-d5	7.18	99	88408	14.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	48615	13.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	88749	16.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	76470	14.57	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	44253	17.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	55298	19.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	98198	16.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	101167	15.75	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	307829	17.28	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	366930	18.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	24097m	8.05	ng/ul	0.01
57) Fluorene-d10	15.68	176	281351	17.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	37902	12.24	ng/ul	0.00
70) Anthracene-d10	17.54	188	434024	18.74	ng/ul	0.00
78) Pyrene-d10	19.82	212	494014	18.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	556671	18.82	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	7.21	94	13226	2.050	ng/ul 92
44) Dimethylphthalate	14.13	163	65396	3.696	ng/ul 98
69) Phenanthrene	17.48	178	30149	1.141	ng/ul 98
76) Fluoranthene	19.49	202	78440m	2.568	ng/ul > 50 08/12/19
79) Pyrene	19.85	202	78649	2.447	ng/ul# 96
82) Benzo(a)anthracene	21.70	228	40223	1.214	ng/ul 98
84) Chrysene	21.77	228	44066	1.425	ng/ul 97
87) Benzo(b)fluoranthene	23.95	252	64445	1.814	ng/ul 98
90) Benzo(a)pyrene	24.83	252	44660	1.319	ng/ul 97
93) Benzo(a,h,i)perylene	29.87	276	34070m	1.033	ng/ul > 50 08/12/19

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