

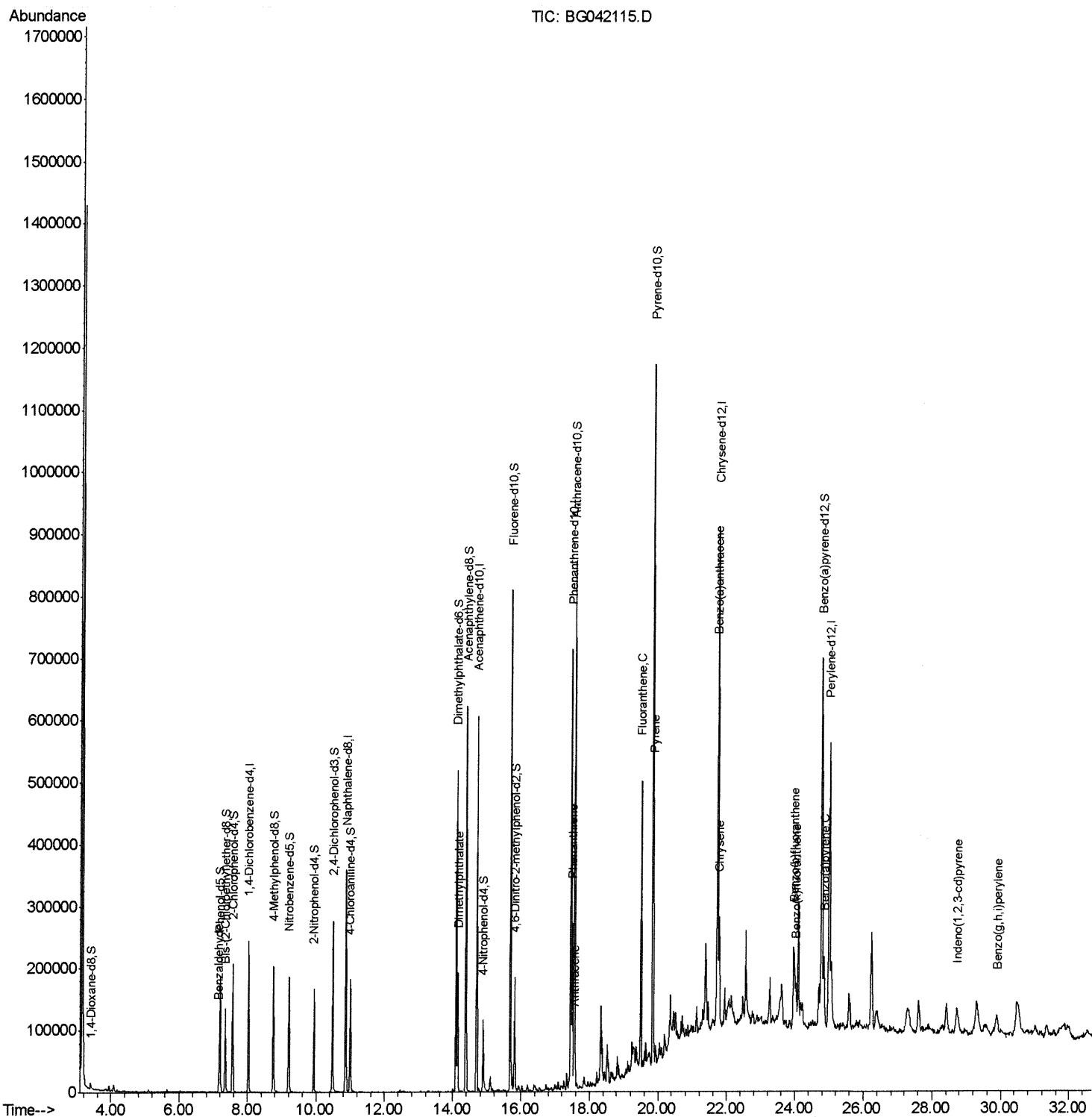
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042115.D
Acq On : 9 Aug 2019 23:23
Operator : HP/JU
Sample : K4041-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENW1

Manual Integrations
APPROVED

Sohil
8/13/2019 8:17:02 AM

Quant Time: Aug 10 04:38:34 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)

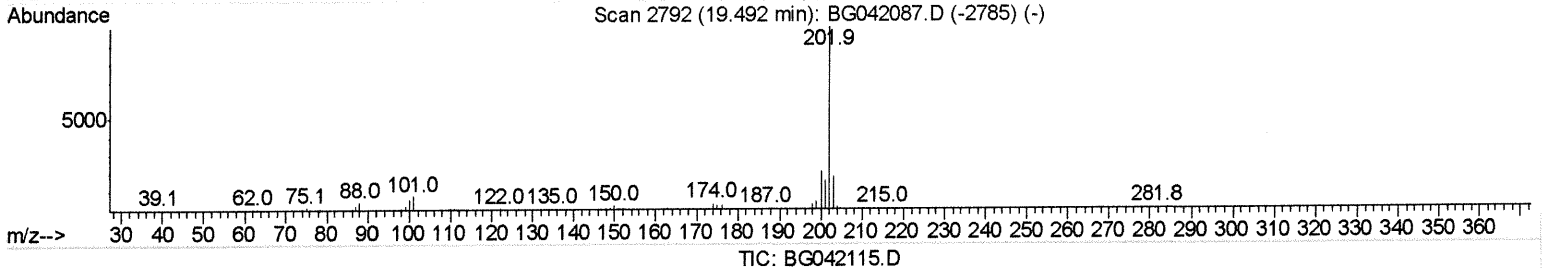
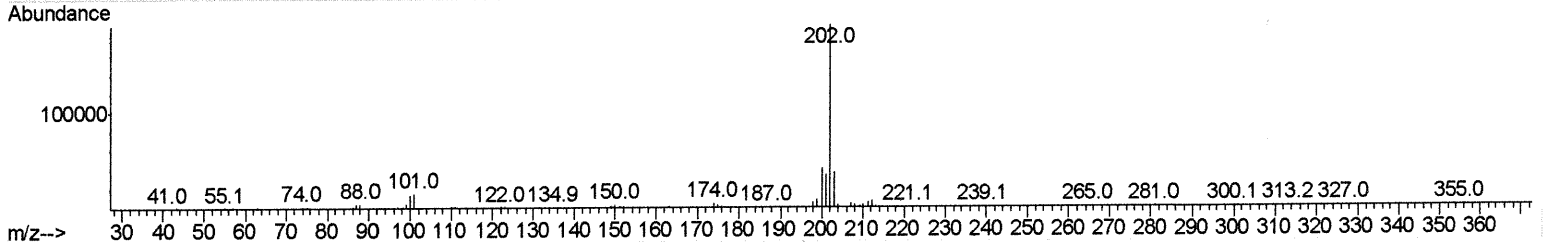
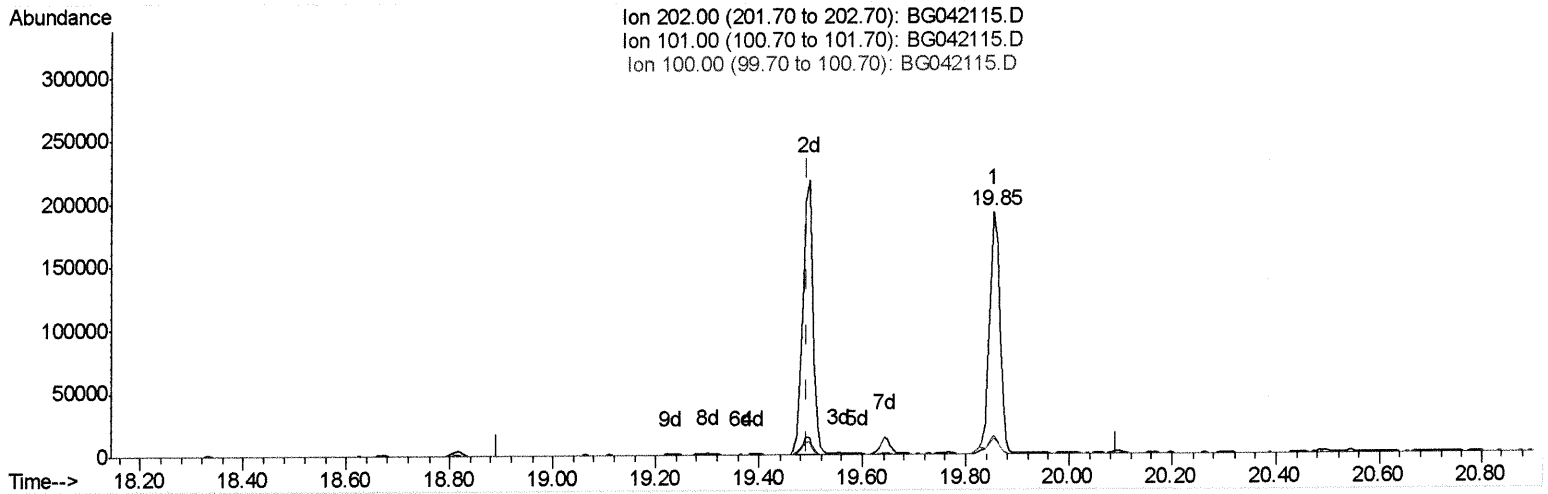
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(76) Fluoranthene (C)

19.853min (+0.361) 8.81ng/ul

response 266792

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	7.82
100.00	6.60	6.78
0.00	0.00	0.00

Quantitation Report (Qedit)

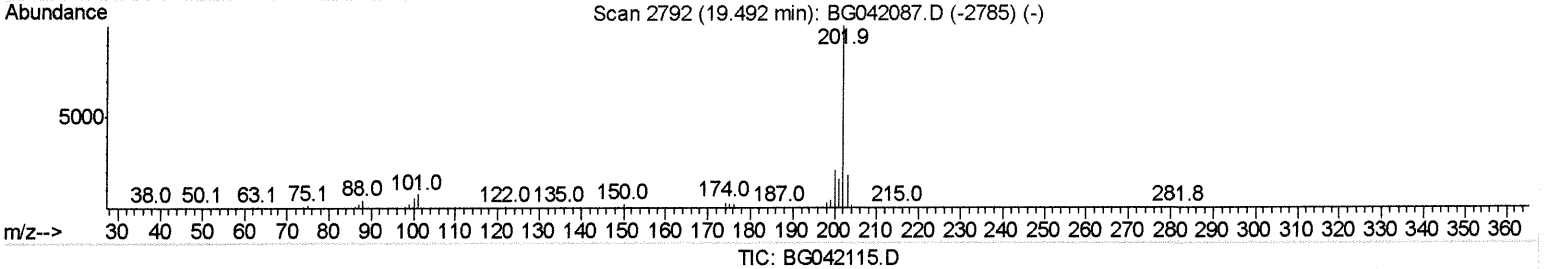
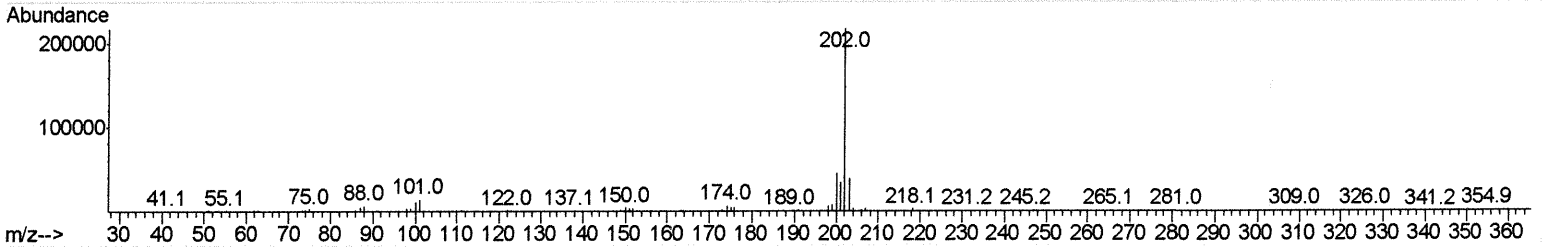
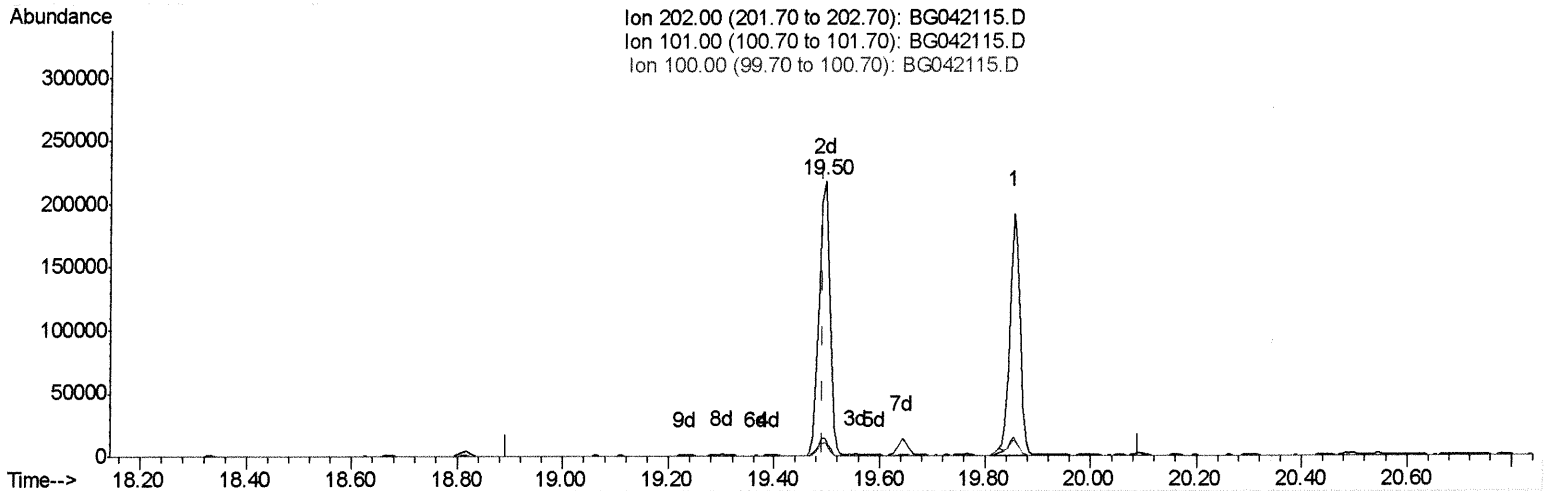
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(76) Fluoranthene (C)

19.495min (+0.003) 10.26ng/ul m *JU 08/12/19*

response 310649

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	6.47#
100.00	6.60	4.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

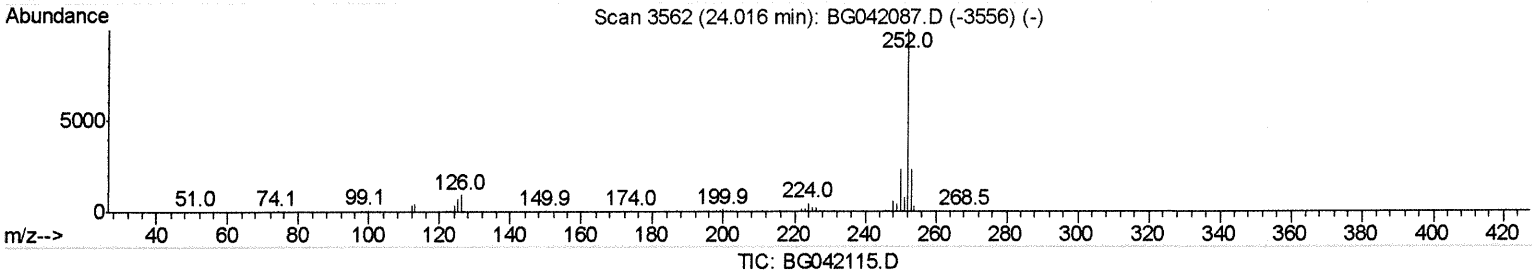
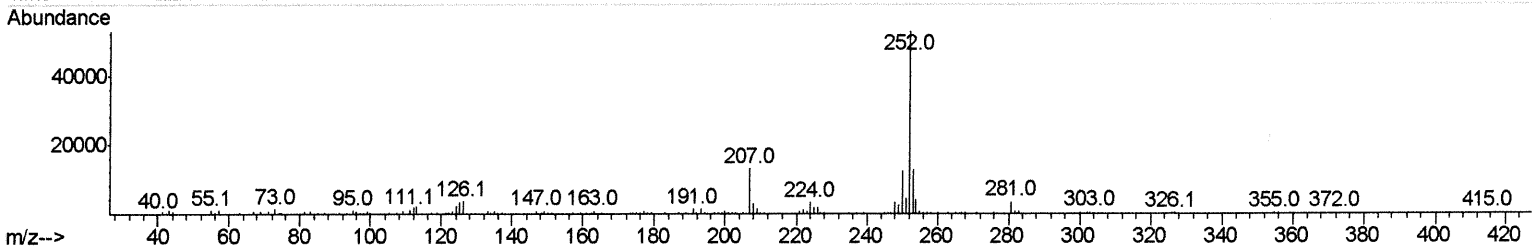
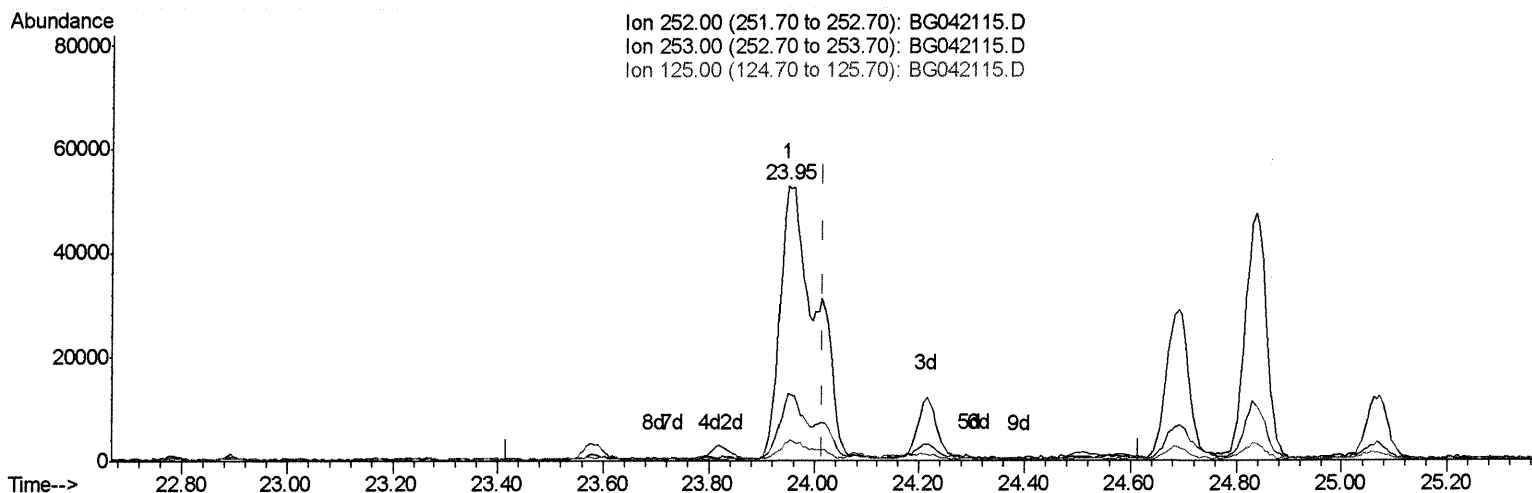
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 Sample : K4041-01
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 ALS Vial : 45 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(88) Benzo(k)fluoranthene
 23.949min (-0.068) 5.32ng/ul

response 177968

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	24.50
125.00	6.90	6.66
0.00	0.00	0.00

Quantitation Report (Qedit)

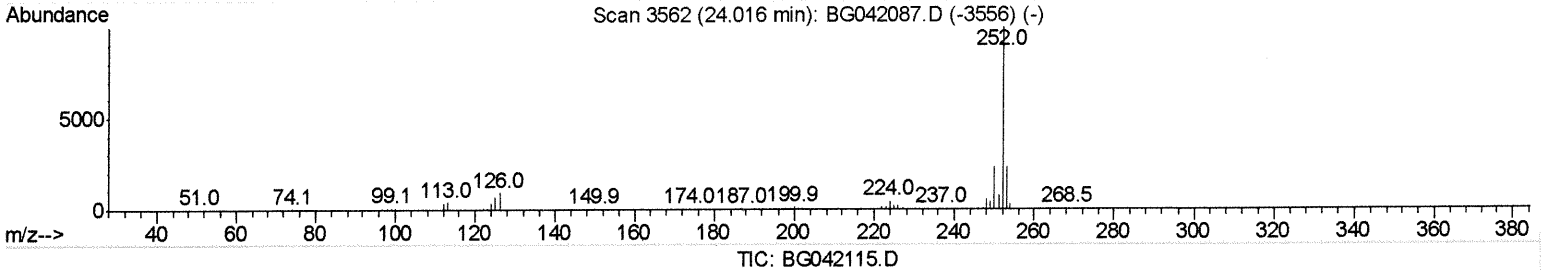
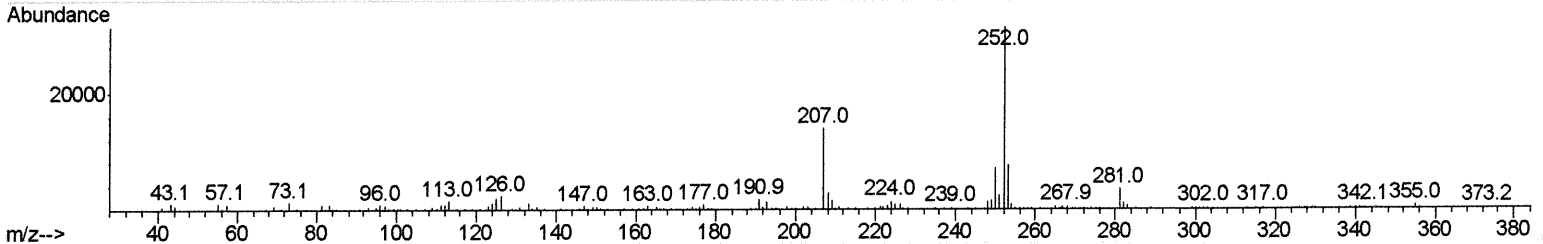
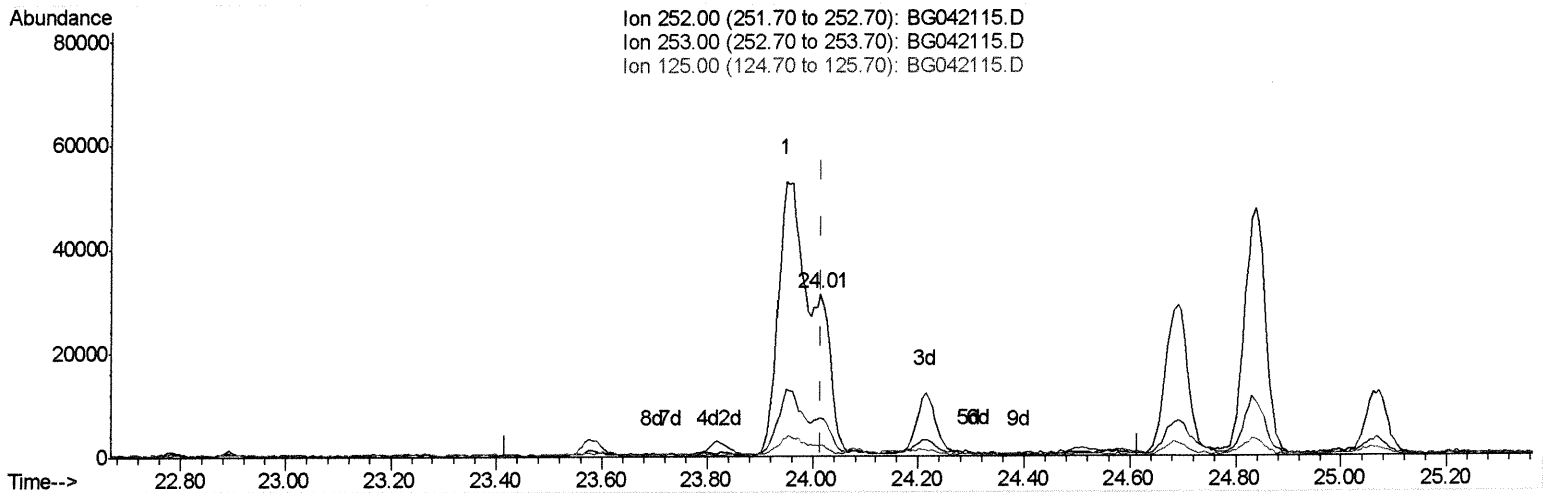
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Instrument :
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Manual Integrations
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(88) Benzo(k)fluoranthene

24.013min (-0.003) 1.93ng/ul m *JU 08/12/19*

response 64524

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	24.03
125.00	6.90	6.81
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	79905	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	334650	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	233622	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	478619	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	472211	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	554460	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	5464	2.99	ng/uL	0.00
5) Phenol-d5	7.19	99	123939	19.76	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.34	67	63831	18.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	114467	21.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	90021	17.10	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	58452	23.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	72424	24.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	135434	22.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	126087	19.24	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	424813	23.45	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	482293	23.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	48139	15.82	ng/ul	0.00
57) Fluorene-d10	15.68	176	370252	22.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	61554	20.05	ng/ul	0.00
70) Anthracene-d10	17.54	188	539984	23.52	ng/ul	0.00
78) Pyrene-d10	19.83	212	621717	23.59	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	706060	24.38	ng/ul	0.00

Target Compounds

				Ovalue	
4) Benzaldehyde	7.16	77	15180	5.123	ng/ul 89
44) Dimethylphthalate	14.13	163	143226	7.961	ng/ul 98
69) Phenanthrene	17.48	178	182274	6.956	ng/ul 99
71) Anthracene	17.57	178	34920	1.314	ng/ul 99
76) Fluoranthene	19.50	202	310649m →	10.261	ng/ul > JU 08/12/19
79) Pyrene	19.85	202	266792	8.399	ng/ul 96
82) Benzo(a)anthracene	21.70	228	144276	4.407	ng/ul 99
84) Chrysene	21.77	228	136097	4.454	ng/ul 96
87) Benzo(b)fluoranthene	23.95	252	177968	5.115	ng/ul 97
88) Benzo(k)fluoranthene	24.01	252	64524m →	1.929	ng/ul > JU 08/12/19
90) Benzo(a)pyrene	24.84	252	131508	3.966	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	28.71	276	82361	2.130	ng/ul 97
93) Benzo(a,h,i)perylene	29.88	276	70775	2.192	ng/ul 96

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