

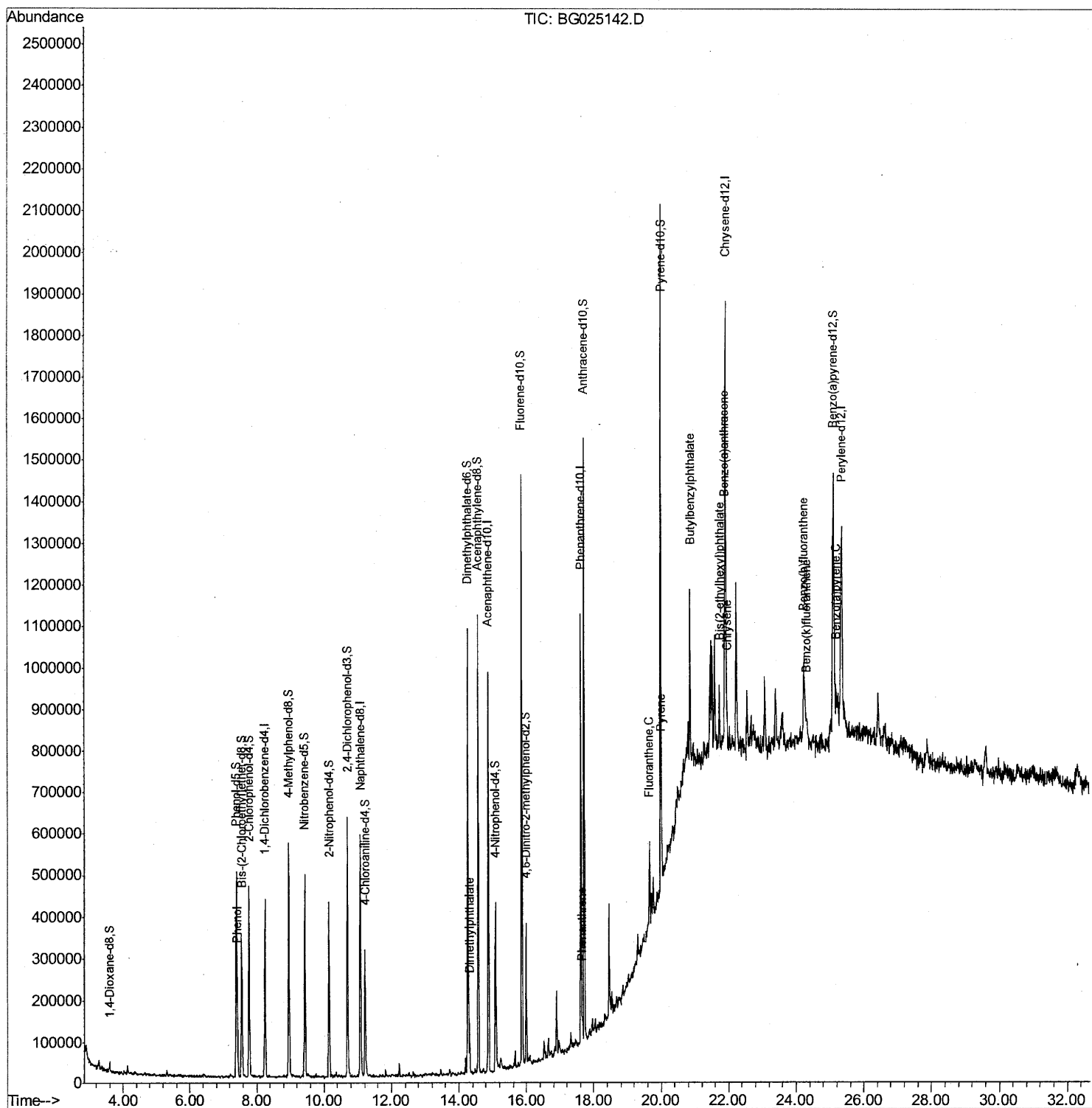
Data Path : Z:\HPCHEM1\BNA G\Data\BG121216\
Data File : BG025142.D
Acq On : 13 Dec 2016 9:12
Operator : UM/SJ
Sample : H5992-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
Client Sampled :
P006-SS023-0106-03

Manual Integrations
APPROVED

sohil
12/13/2016 6:08:36 PM

Quant Time: Dec 13 10:42:11 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 06:23:40 2016
Response via : Initial Calibration



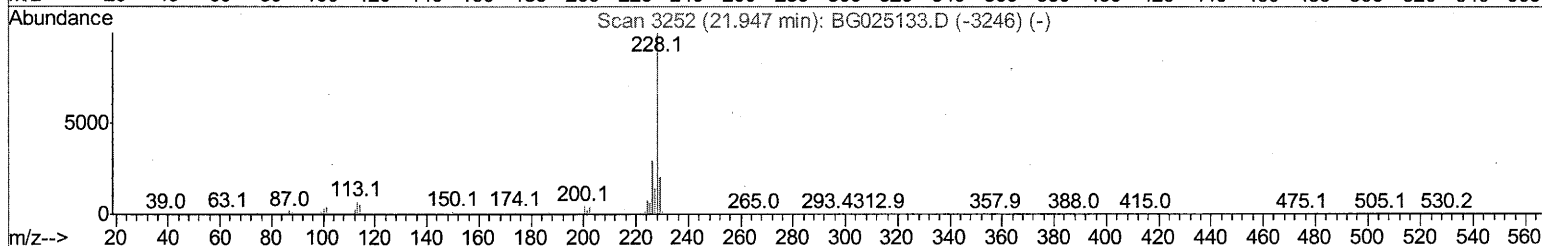
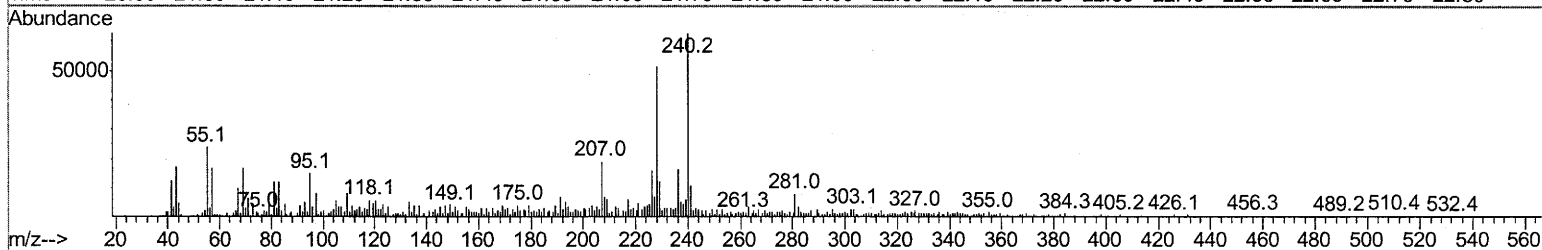
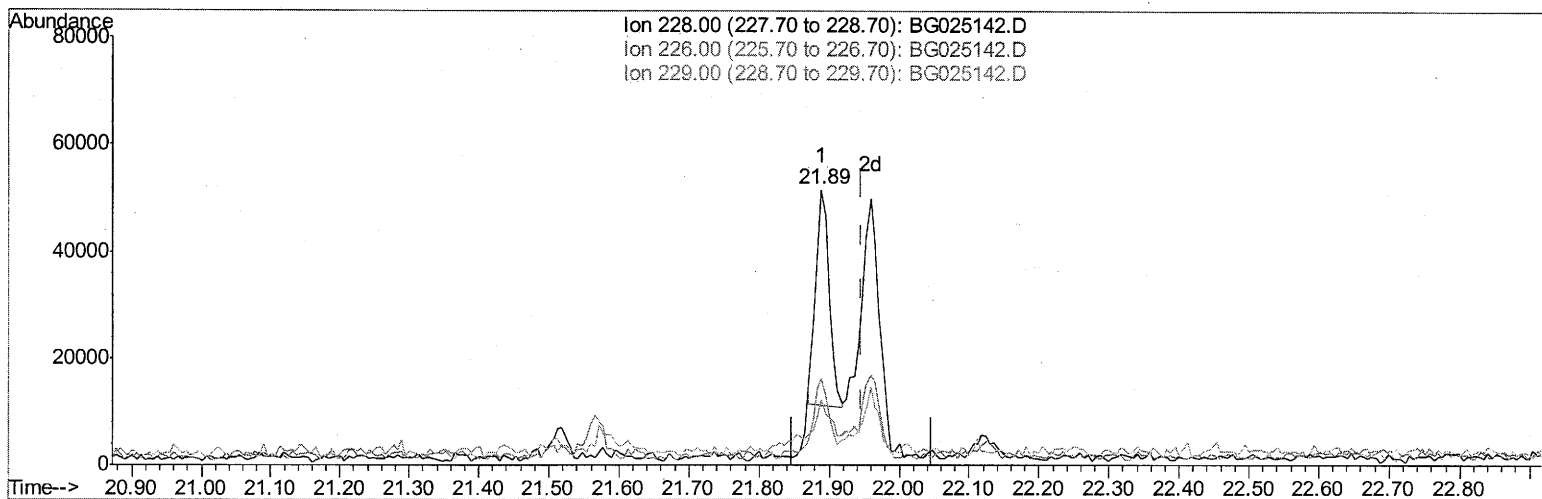
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TIC: BG025142.D

(82) Chrysene

21.889min (-0.059) 1.58ng/ul

response 53254

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	31.26
229.00	21.10	23.55
0.00	0.00	0.00

Quantitation Report (Qedit)

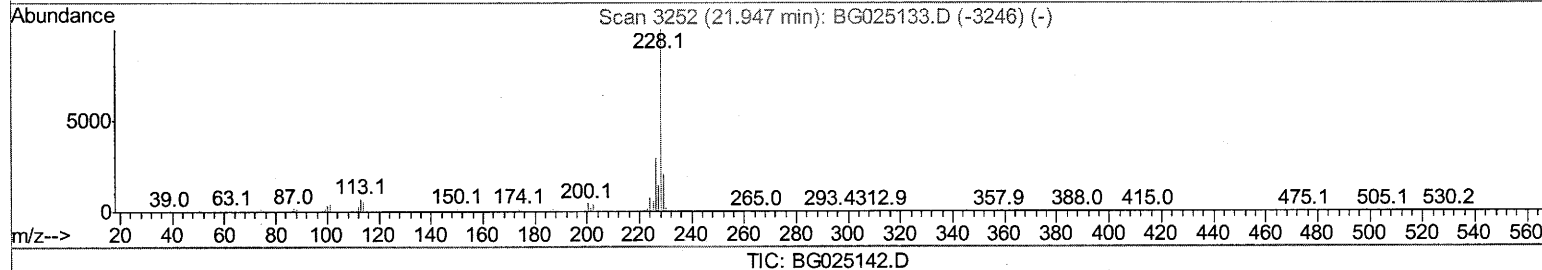
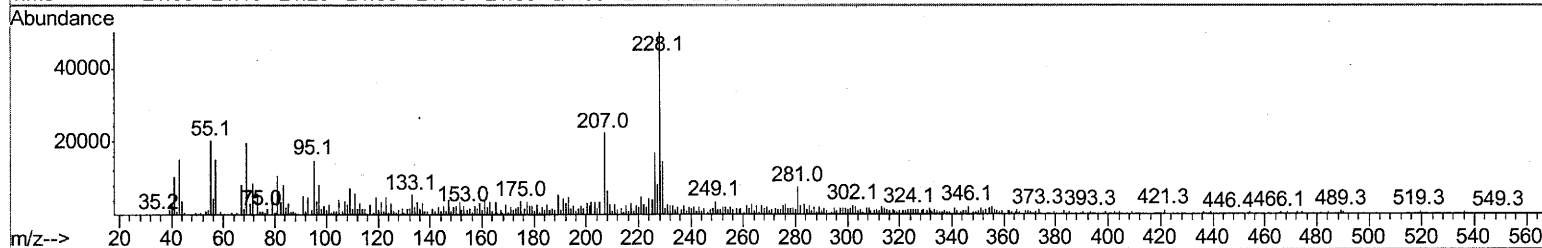
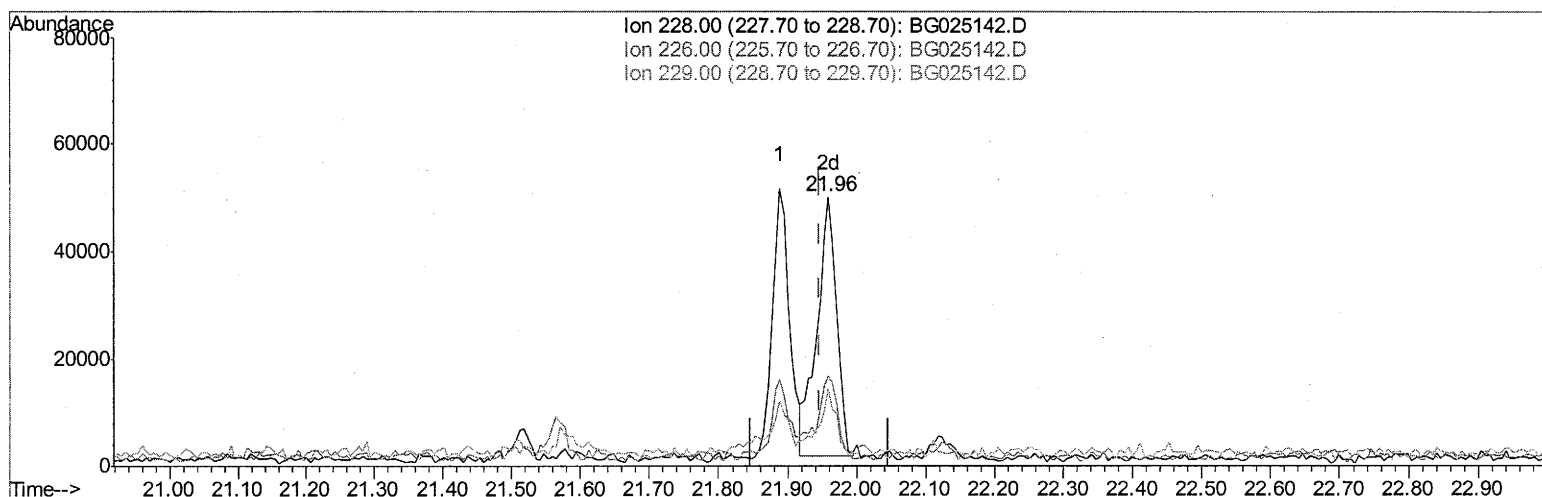
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(82) Chrysene

21.959min (+0.012) 2.83ng/ul m

response 95571

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	33.73
229.00	21.10	29.25#
0.00	0.00	0.00

6m
 12/13/16

Quantitation Report (Qedit)

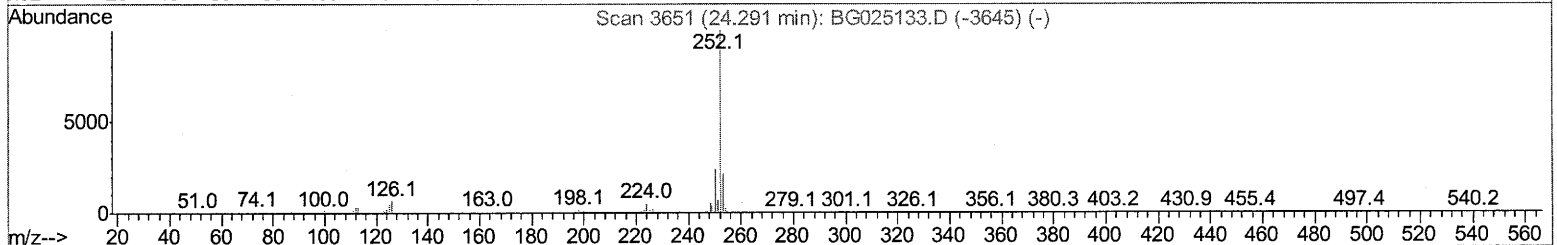
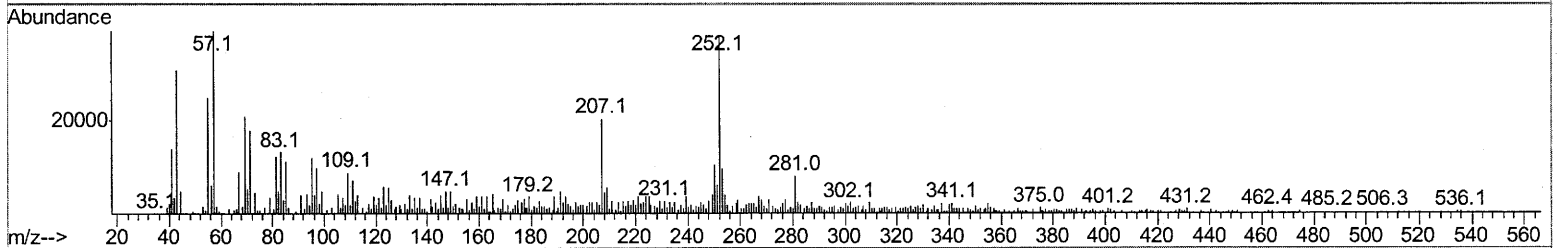
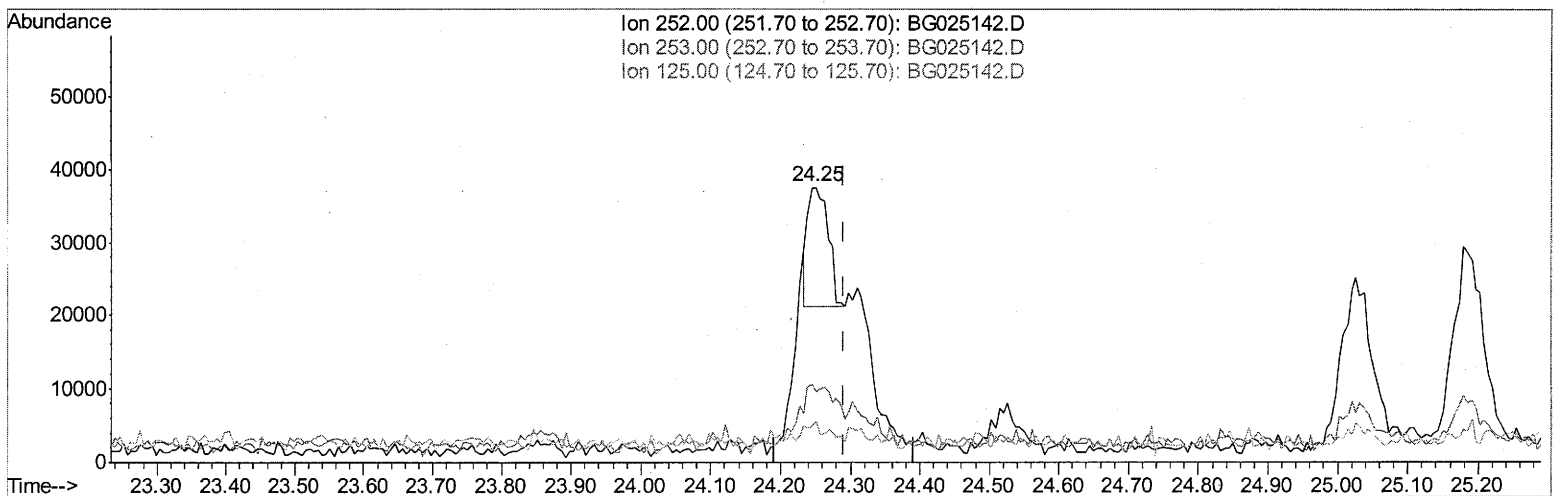
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TIC: BG025142.D

(86) Benzo(k)fluoranthene

24.250min (-0.041) 1.07ng/ul

response 33005

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	25.38
125.00	5.10	14.96#
0.00	0.00	0.00

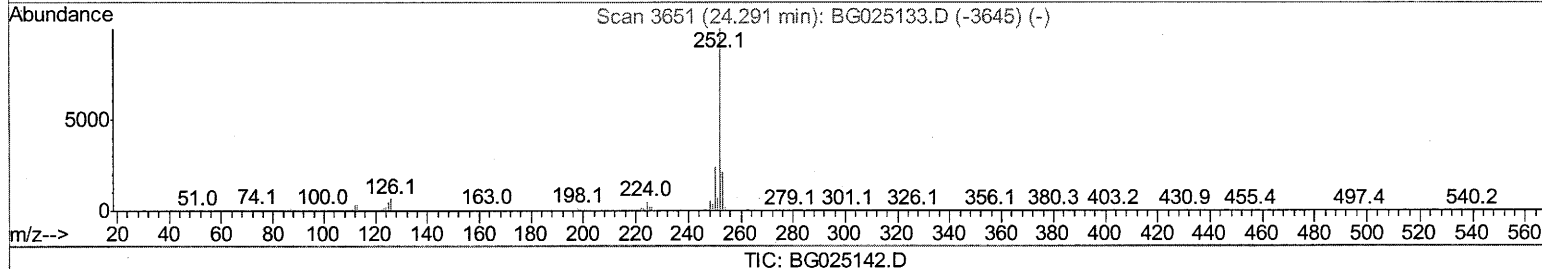
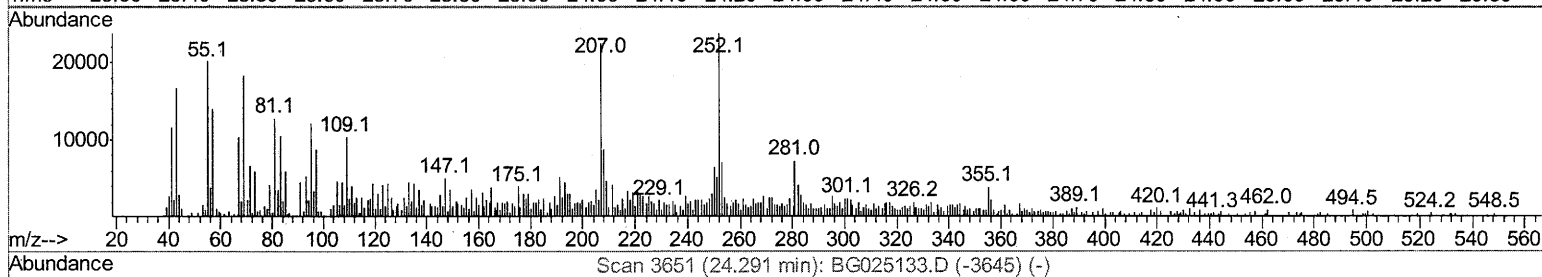
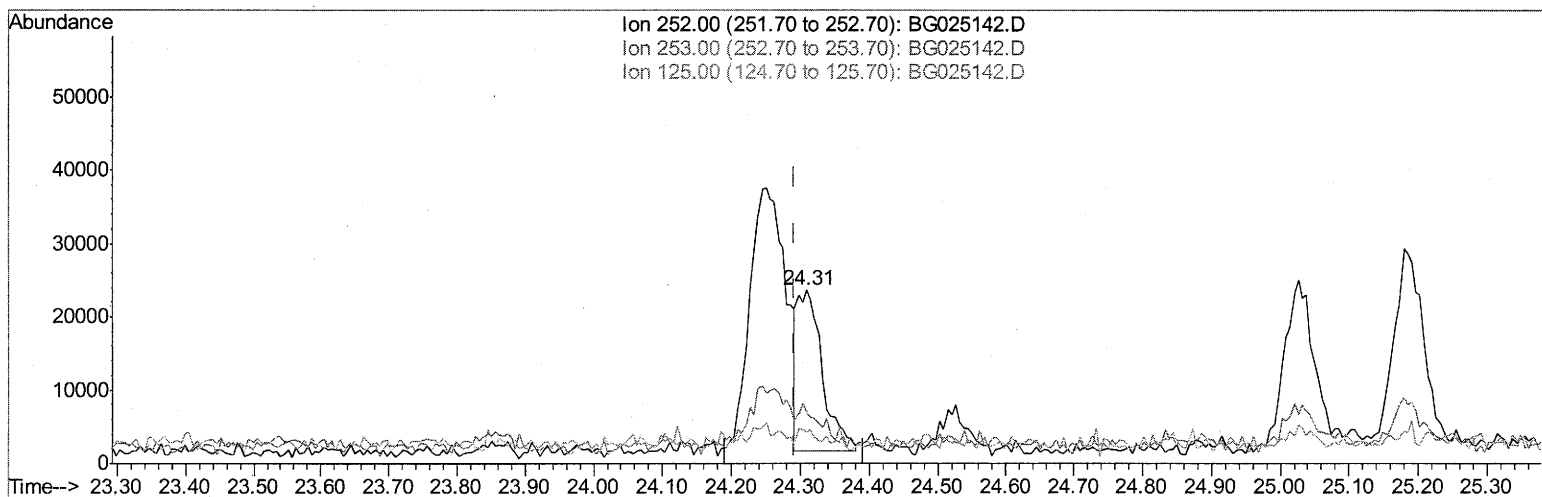
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(86) Benzo(k)fluoranthene

24.309min (+0.018) 1.78ng/ul m

response 54561

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	29.59#
125.00	5.10	18.34#
0.00	0.00	0.00

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12/13/16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	107499	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	464300	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.87	164	339750	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	636084	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	694899	20.00	ng/ul	0.01
83) Perylene-d12	25.35	264	651823	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	10579	5.08	ng/uL	0.00
5) Phenol-d5	7.40	99	266870	28.78	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.56	67	173871	30.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	190236	29.33	ng/ul	0.01
13) 4-Methylphenol-d8	8.95	113	209021	26.97	ng/ul	0.01
19) Nitrobenzene-d5	9.42	128	101072	30.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	117103	28.57	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.70	165	225146	28.56	ng/ul	0.01
29) 4-Chloroaniline-d4	11.21	131	155301	20.05	ng/ul	0.01
43) Dimethylphthalate-d6	14.26	166	685291	29.32	ng/ul	0.01
46) Acenaphthylene-d8	14.57	160	796091	31.10	ng/ul	0.01
51) 4-Nitrophenol-d4	15.08	143	95368	23.74	ng/ul	0.02
57) Fluorene-d10	15.85	176	609752	27.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	79029	20.09	ng/ul	0.02
70) Anthracene-d10	17.71	188	853136	31.78	ng/ul	0.01
76) Pyrene-d10	19.98	212	905084	31.62	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.11	264	857874	32.48	ng/ul	0.04

Target Compounds

					Ovalue	
6) Phenol	7.42	94	41177	4.33	ng/ul	96
44) Dimethylphthalate	14.31	163	77217	3.36	ng/ul#	95
69) Phenanthrene	17.66	178	51970	1.71	ng/ul#	96
74) Fluoranthene	19.65	202	132574	3.67	ng/ul#	94
77) Pvrene	20.01	202	112935	3.38	ng/ul	97
78) Butylbenzylphthalate	20.87	149	126375	9.66	ng/ul	98
80) Benzo(a)anthracene	21.89	228	87430	2.42	ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.74	149	60695	3.37	ng/ul#	97
82) Chrysene	21.96	228	95571m	2.83	ng/ul	
85) Benzo(b)fluoranthene	24.25	252	135549	4.19	ng/ul#	89
86) Benzo(k)fluoranthene	24.31	252	54561m	1.78	ng/ul	
88) Benzo(a)pyrene	25.18	252	75157	2.42	ng/ul#	81

} om
 12/13/16

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