

Instrument :
BNA_G
ClientSampleId :
B0AB5

Sohil
8/23/2017 3:02:30 PM

[illegible]

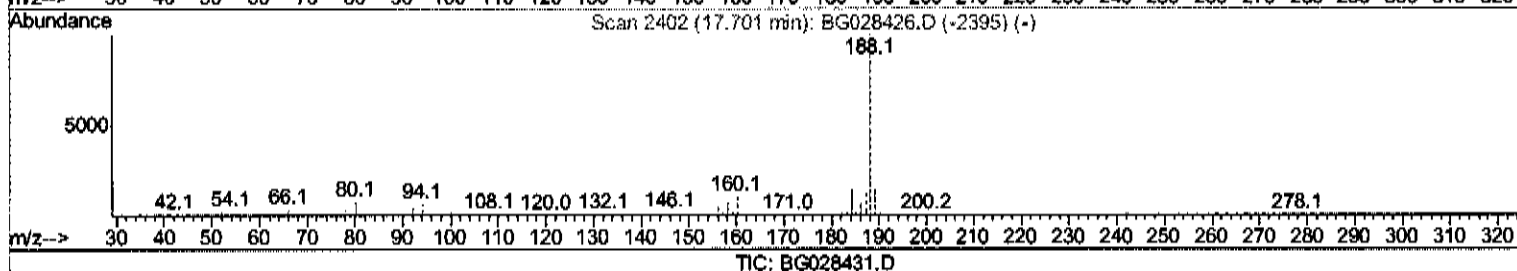
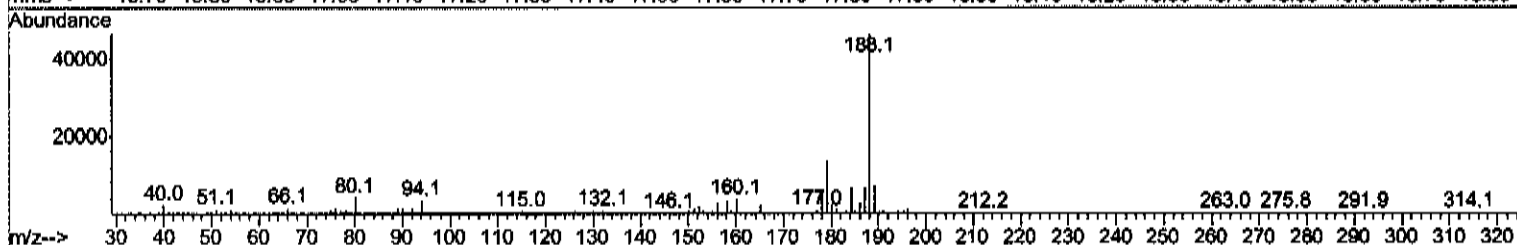
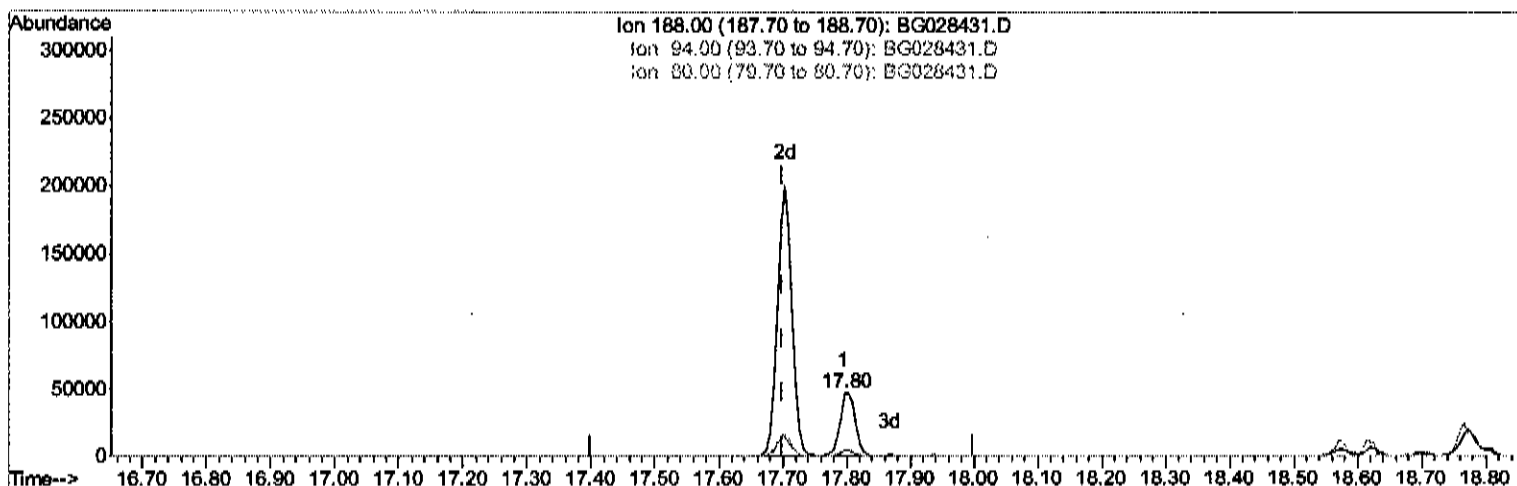
Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028431.D
Acq On : 22 Aug 2017 23:57
Operator : SJ/JU
Sample : I4827-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AB5

Manual Integrations
APPROVED

Sohil
8/23/2017 3:02:30 PM

Quant Time: Aug 23 07:09:14 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.797min (+0.096) 20.00ng/ul

response 77857

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.46
80.00	9.50	9.03
0.00	0.00	0.00

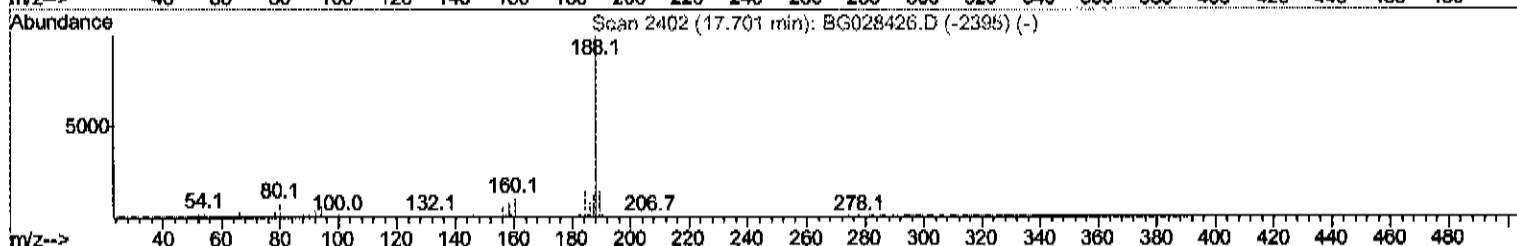
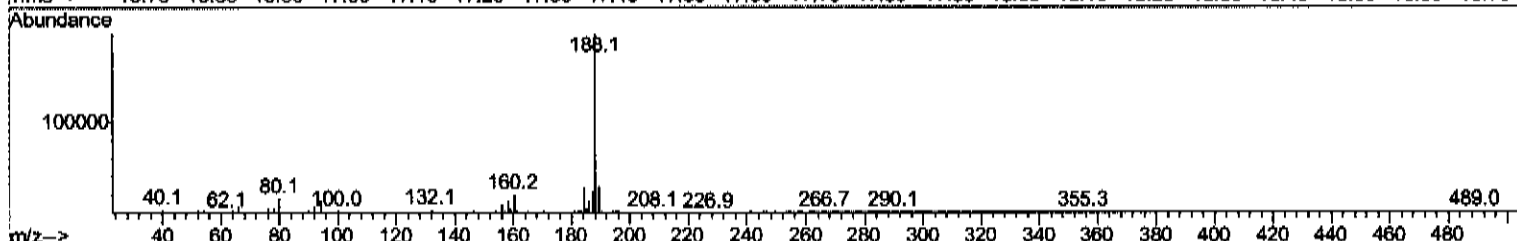
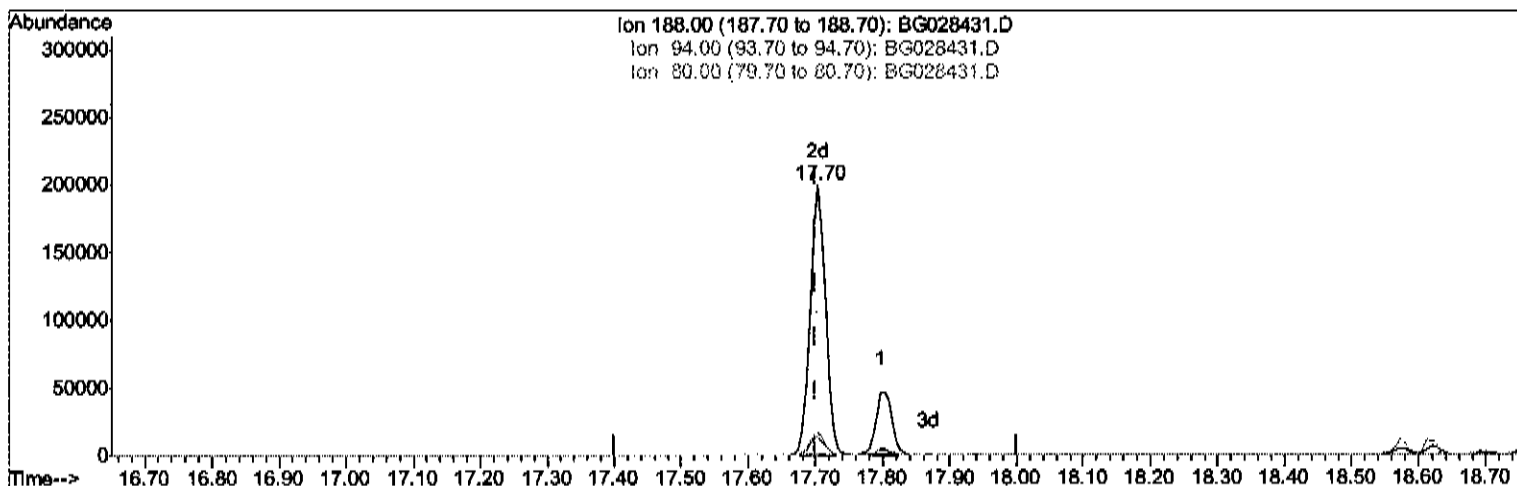
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TIC: BG028431.D

(61) Phenanthrene-d10 (I)

17.703min (+0.002) 20.00ng/ul m. *SJL* 8/20/17

response 317386

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.66#
80.00	9.50	8.26
0.00	0.00	0.00

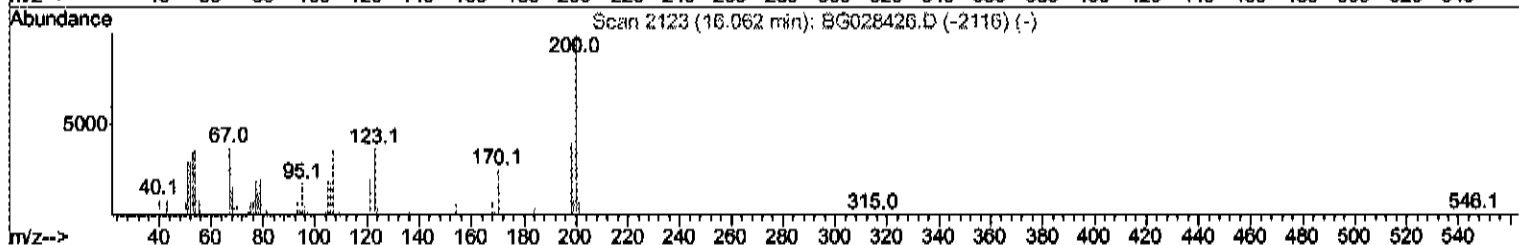
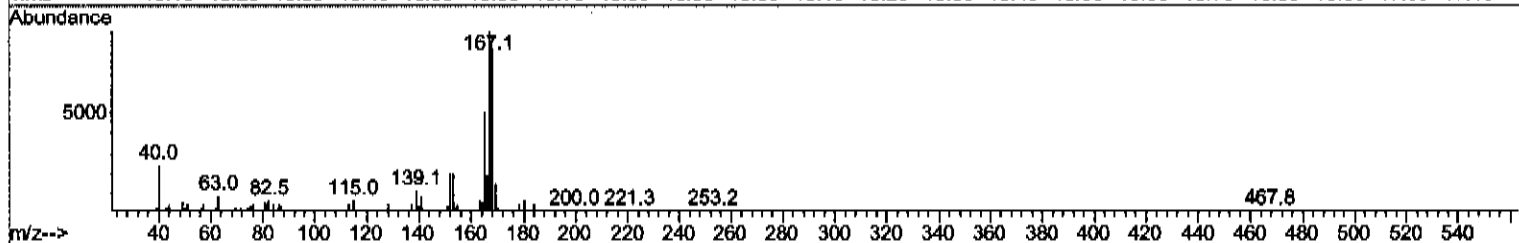
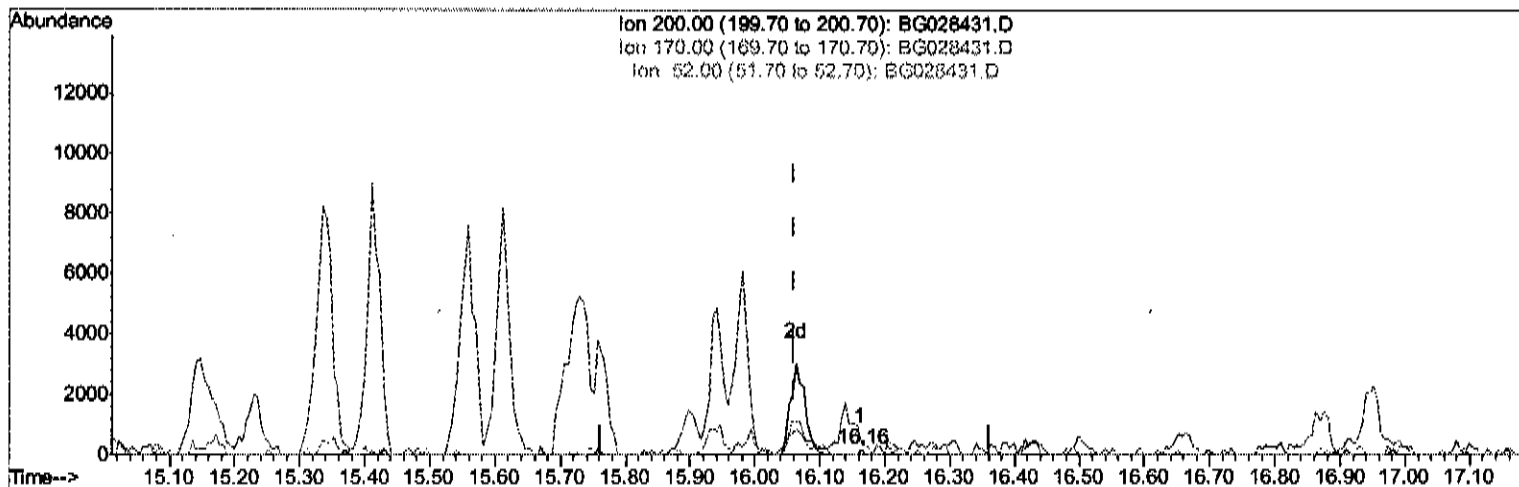
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Manual Integrations
APPROVED

Sohil
8/23/2017 3:02:30 PM

Quant Time: Aug 23 07:57:52 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG028431.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.164min (+0.102) 0.03ng/ul

response 63

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	199.44#
52.00	47.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

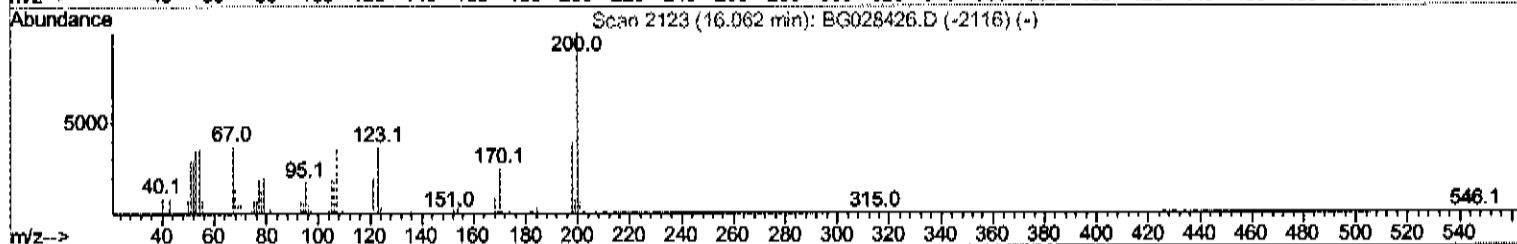
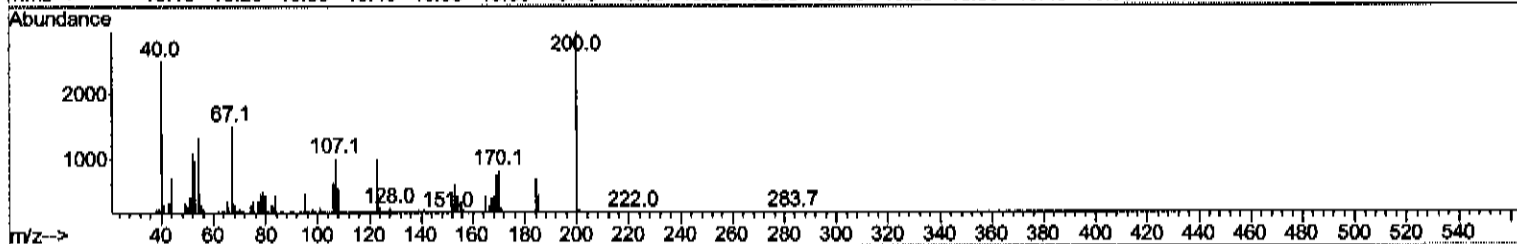
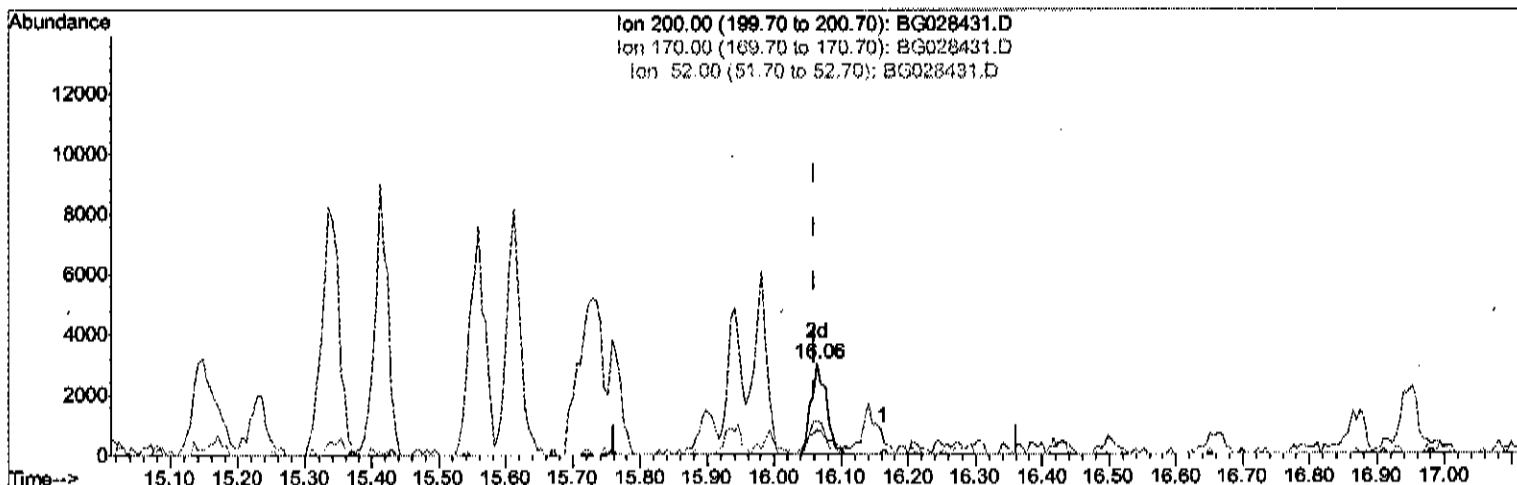
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Misc :
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Instrument :
BNA_G
ClientSampled :
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Manual Integrations
APPROVED

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Quant Time: Aug 23 07:57:52 2017
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TIC: BG028431.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.064min (+0.002) 2.33ng/ul m

response 4797

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	27.46
52.00	47.20	36.66#
0.00	0.00	0.00

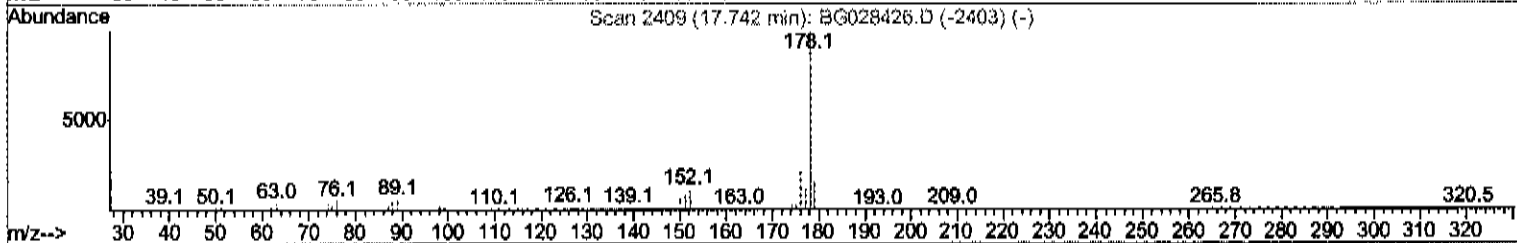
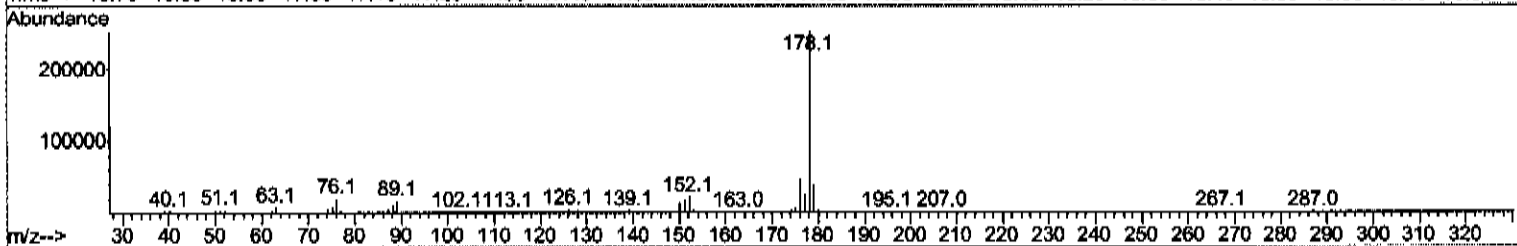
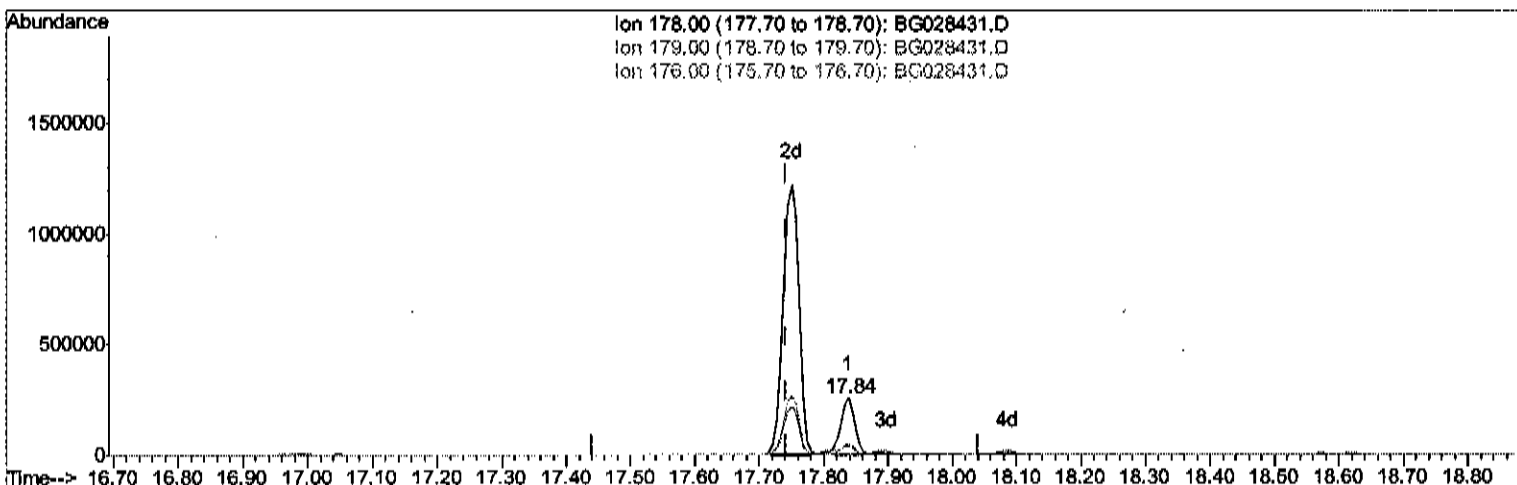
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Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BG028431.D

(69) Phenanthrene

17.838min (+0.096) 24.59ng/ui

response 392831

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	16.05
176.00	20.60	19.15
0.00	0.00	0.00

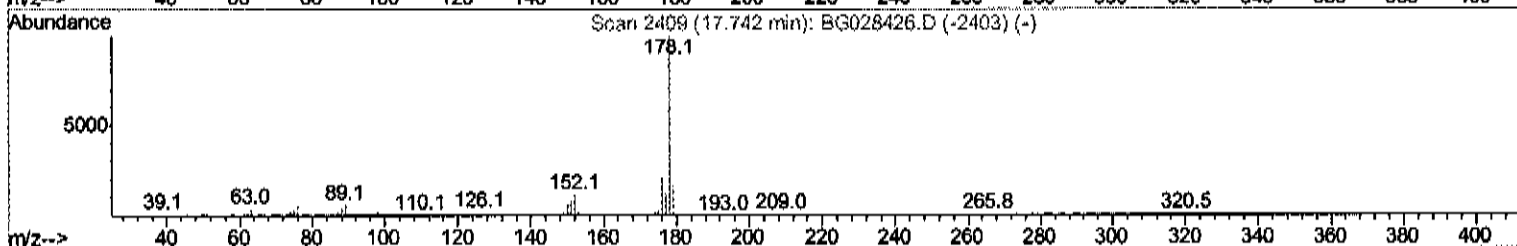
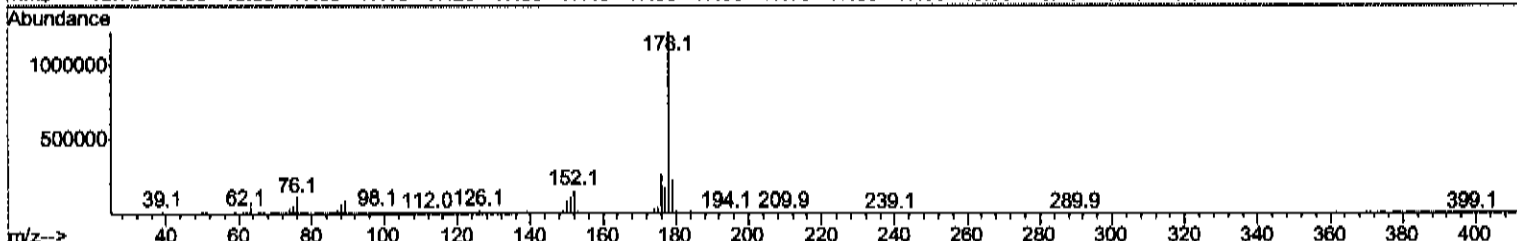
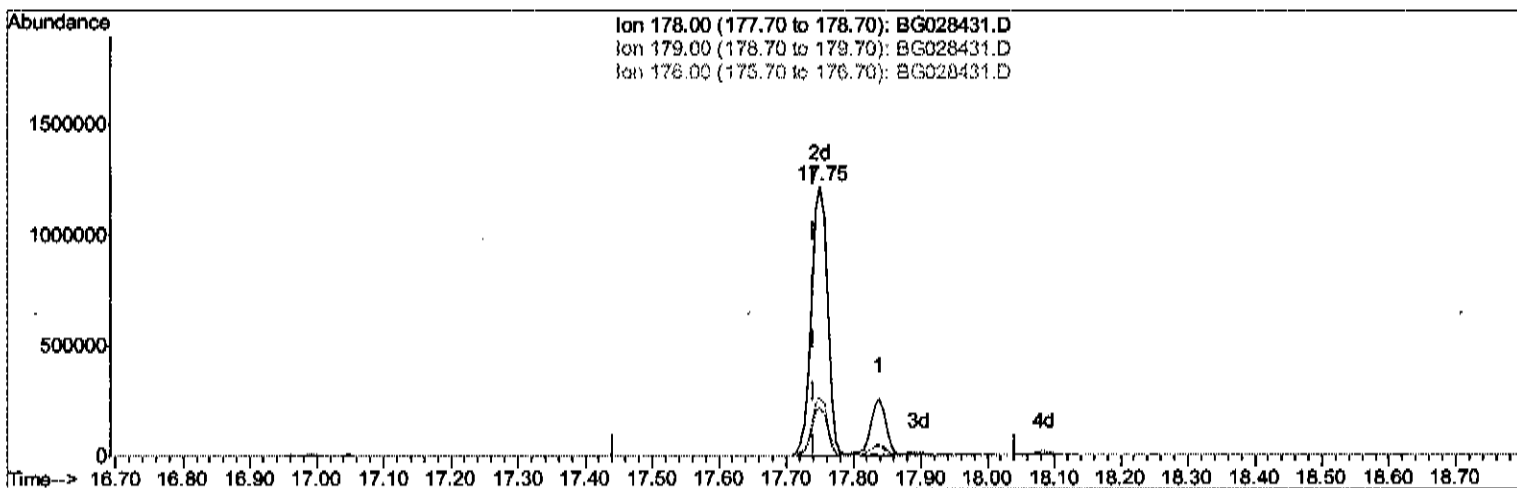
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Data File : BG028431.D
Acq On : 22 Aug 2017 23:57
Operator : SJ/JU
Sample : I4827-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AB5

Manual Integrations
APPROVED

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Quant Time: Aug 23 07:58:27 2017
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Response via : Initial Calibration



TIC: BG028431.D

(69) Phenanthrene

17.750min (+0.008) 127.27ng/ul m

Initial 8/23/17

response 2032821

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	17.71
176.00	20.60	21.58
0.00	0.00	0.00

Quantitation Report (Qedit)

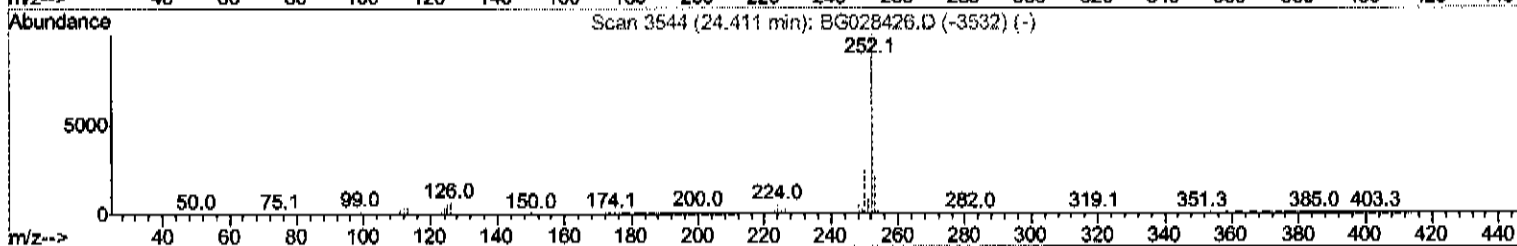
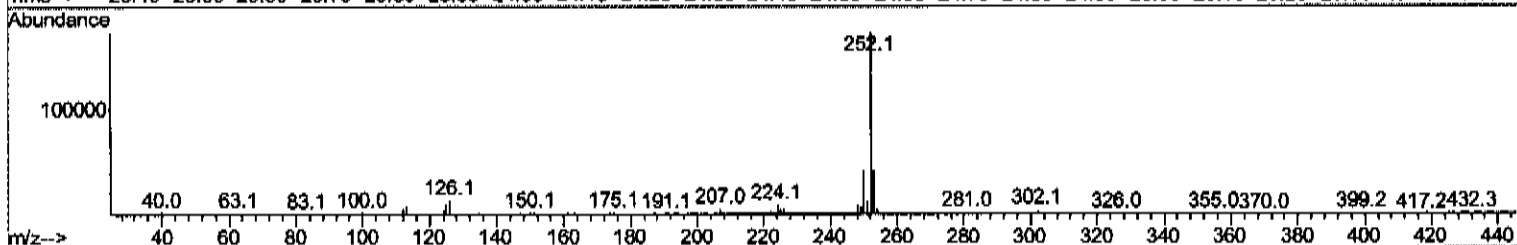
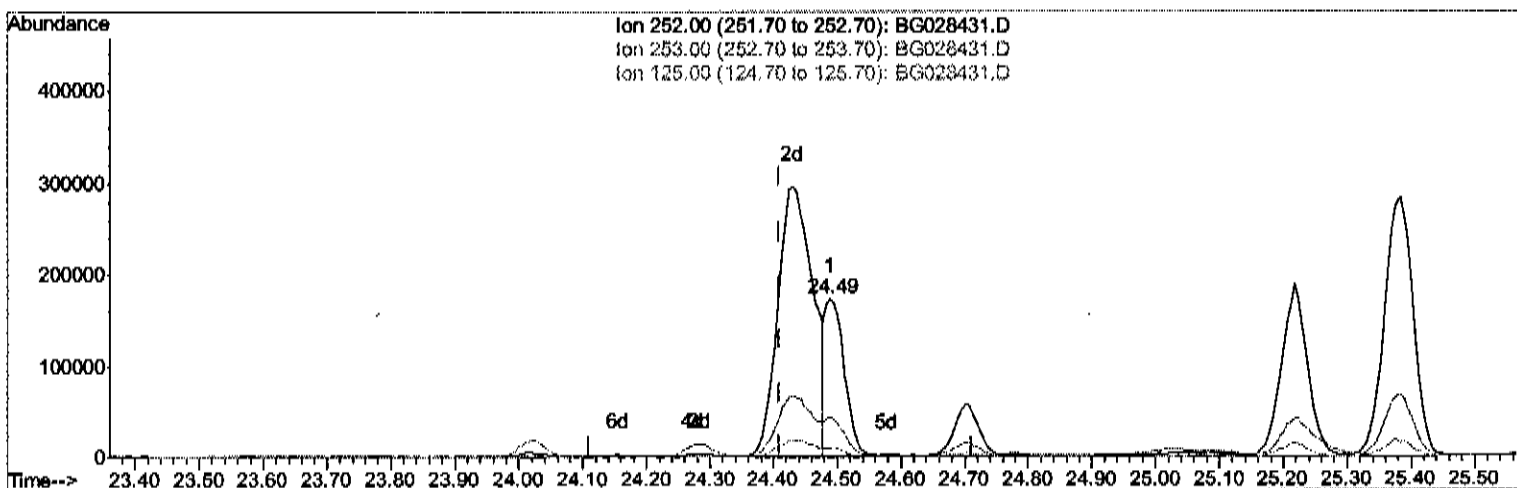
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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TIC: BG028431.D

(85) Benzo(b)fluoranthene

24.489min (+0.079) 16.83ng/ul

response 353250

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	24.82
125.00	5.00	5.53
0.00	0.00	0.00

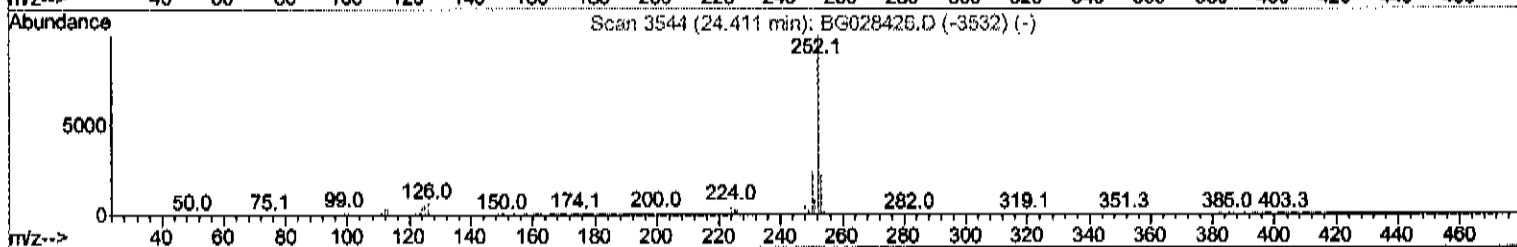
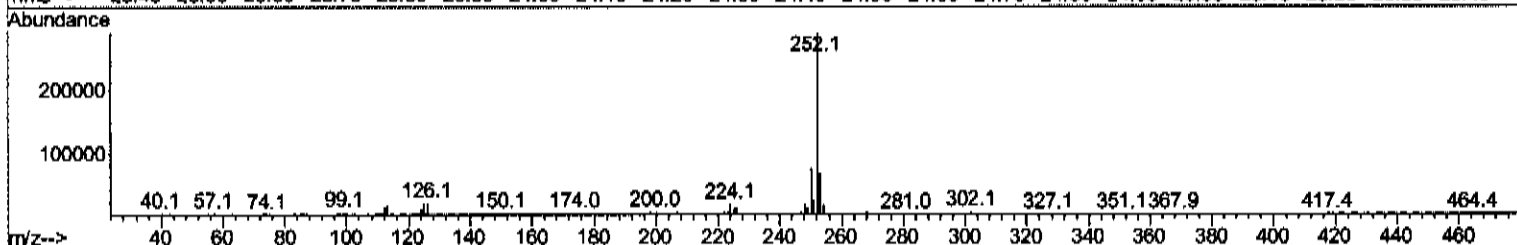
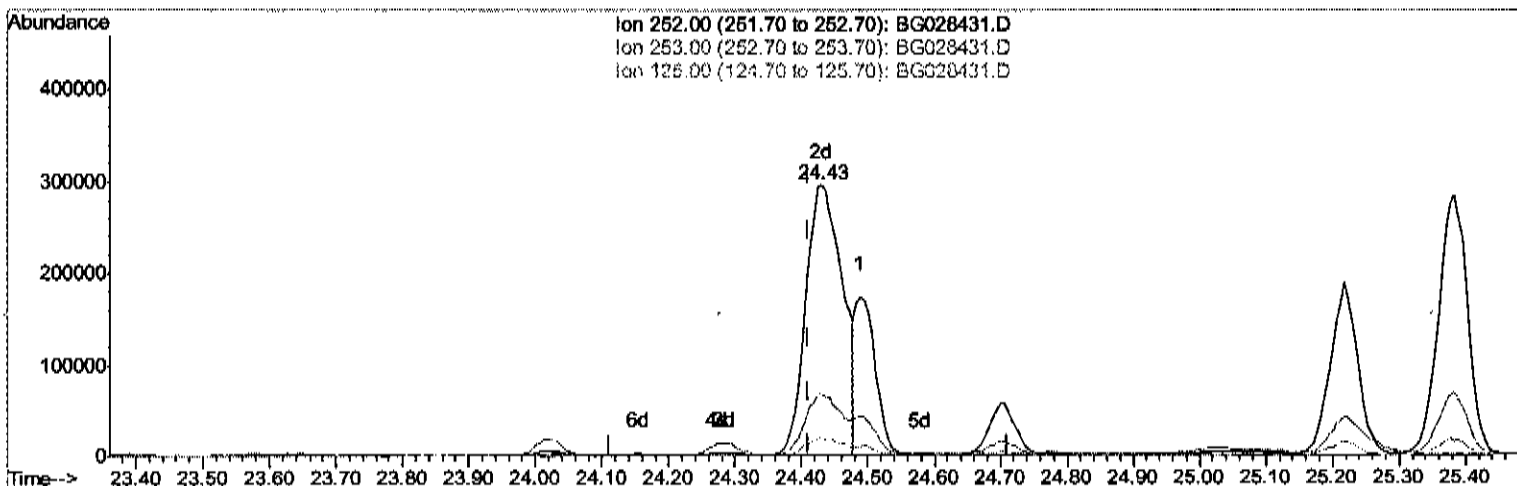
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TIC: BG028431.D

(85) Benzo(b)fluoranthene

24.430min (+0.020) 54.44ng/ul m

response 1142730

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.96
125.00	5.00	6.32#
0.00	0.00	0.00

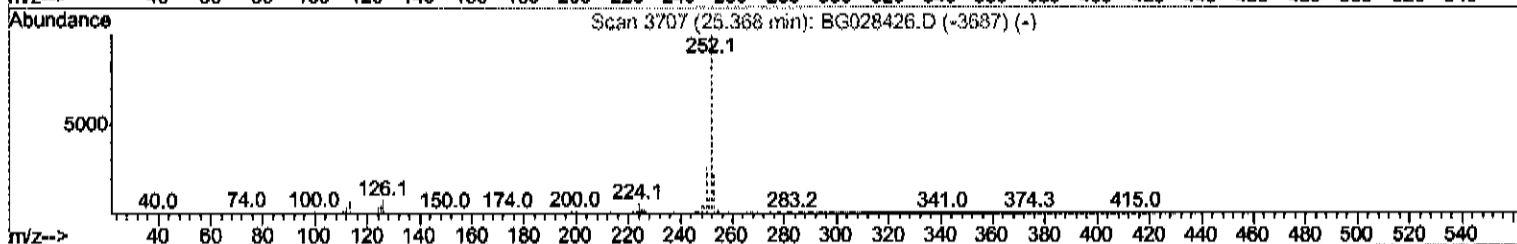
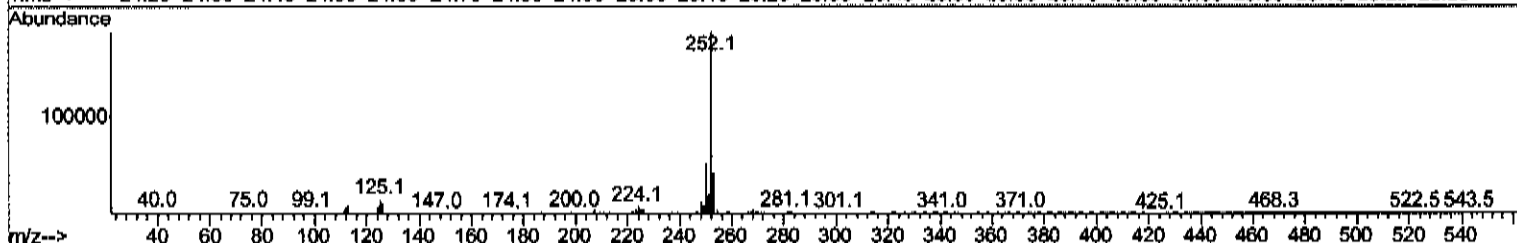
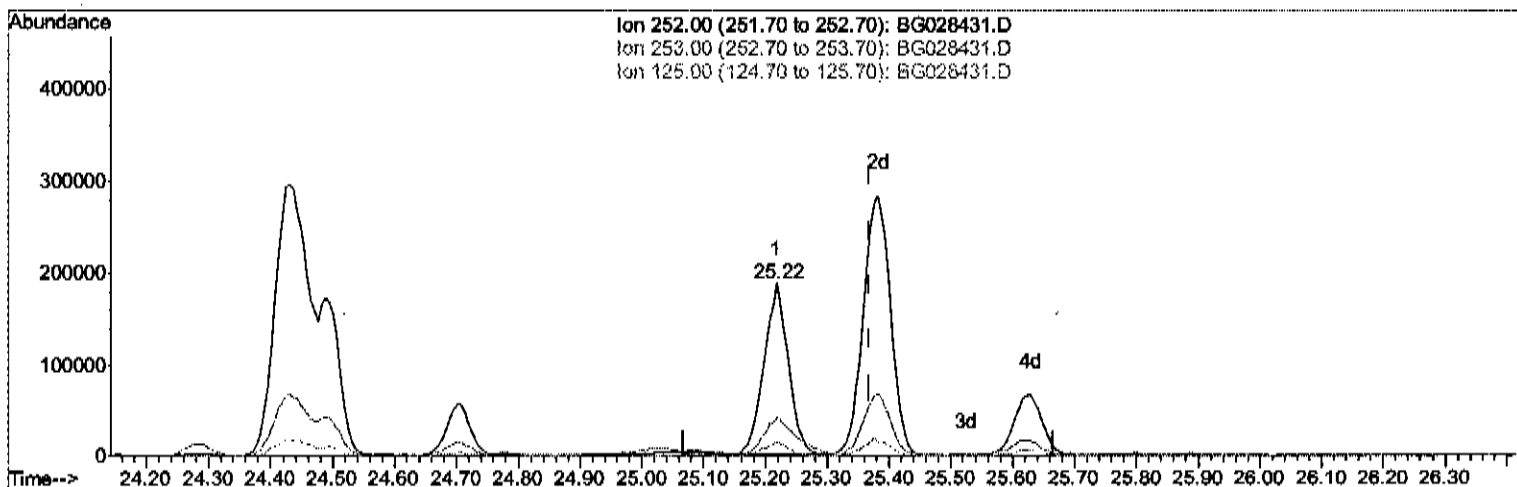
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BG028431.D

(88) Benzo(a)pyrene (C)

25.218min (-0.151) 25.94ng/ul

response 527090

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	22.22
125.00	6.70	7.91
0.00	0.00	0.00

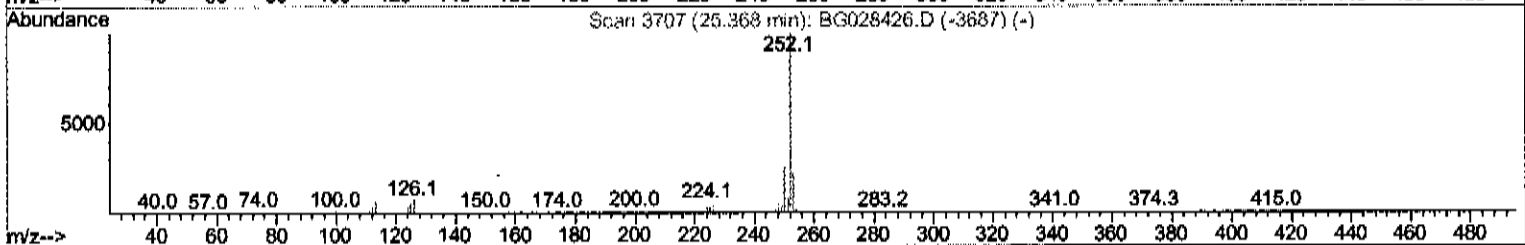
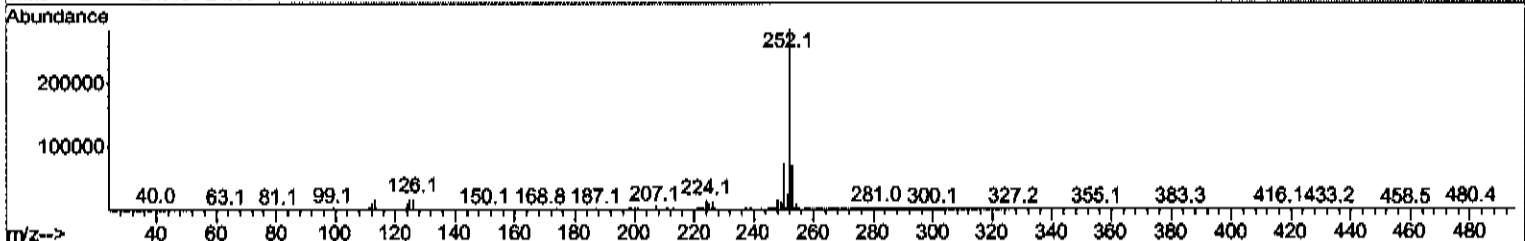
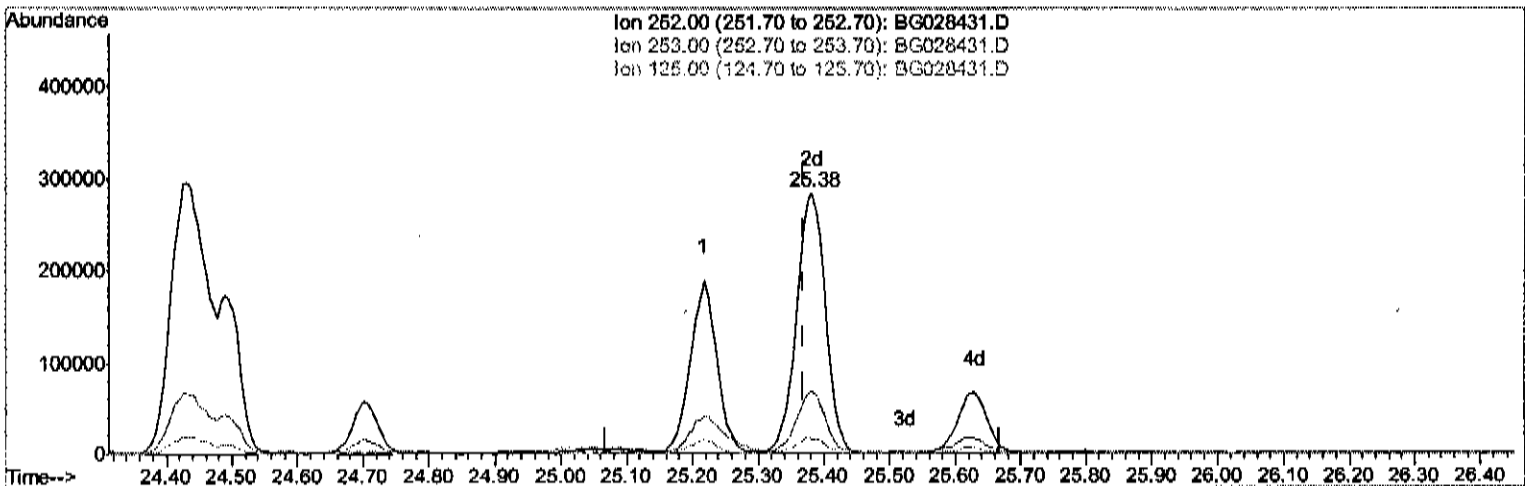
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TIC: BG028431.D

(88) Benzo(a)pyrene (C)

25.382min (+0.014) 42.72ng/ul m

response 868297

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.98
125.00	6.70	5.24#
0.00	0.00	0.00

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Manual Integrations
 APPROVED

Sohil
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Quant Time: Aug 23 08:00:17 2017
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	41173	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	198162	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	143652	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	317386m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	356419	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	350759	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	636	0.72	ng/ul	0.00
5) Phenol-d5	7.50	99	17955	3.97	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.66	67	10661	3.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	12884	4.52	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	16368	4.33	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	7270	4.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	9502	5.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	17156	4.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	16248	4.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	57614	4.51	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	65024	4.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	4424	2.18	ng/ul	0.01
57) Fluorene-d10	15.94	176	50962	4.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	4797m	2.33	ng/ul	0.00
70) Anthracene-d10	17.80	188	77857	5.12	ng/ul	0.00
76) Pyrene-d10	20.08	212	90845	4.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	81234	4.95	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	11.22	128	116847	11.906	ng/ul	99
34) 2-Methylnaphthalene	12.80	142	53054	6.730	ng/ul	85
40) 1,1'-Biphenyl	13.78	154	19515	1.860	ng/ul#	86
44) Dimethylphthalate	14.38	163	16601	1.411	ng/ul	99
47) Acenaphthylene	14.68	152	29433	2.138	ng/ul	95
49) Acenaphthene	15.01	153	109443	11.782	ng/ul	93
53) Dibenzofuran	15.35	168	161096	11.895	ng/ul	99
58) Fluorene	15.99	166	195561	16.310	ng/ul	98
69) Phenanthrene	17.75	178	2032821m	127.269	ng/ul	99
71) Anthracene	17.84	178	392831	24.064	ng/ul	99
72) Carbazole	18.10	167	177981	12.536	ng/ul	98
74) Fluoranthene	19.75	202	2218000	114.262	ng/ul	98
77) Pyrene	20.11	202	1940325	91.248	ng/ul	99
80) Benzo(a)anthracene	22.02	228	983098	47.738	ng/ul	97
82) Chrysene	22.09	228	941425	50.759	ng/ul	96
85) Benzo(b)fluoranthene	24.43	252	1142730m	54.442	ng/ul	99
86) Benzo(k)fluoranthene	24.49	252	353152	17.225	ng/ul	99
88) Benzo(a)pyrene	25.38	252	868297m	42.725	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.57	276	530844	22.305	ng/ul	99
90) Dibenz(a,h)anthracene	29.61	278	134352	6.735	ng/ul	97
91) Benzo(g,h,i)perylene	30.84	276	442255	22.588	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)

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