

Quantitation Report (QT Reviewed)

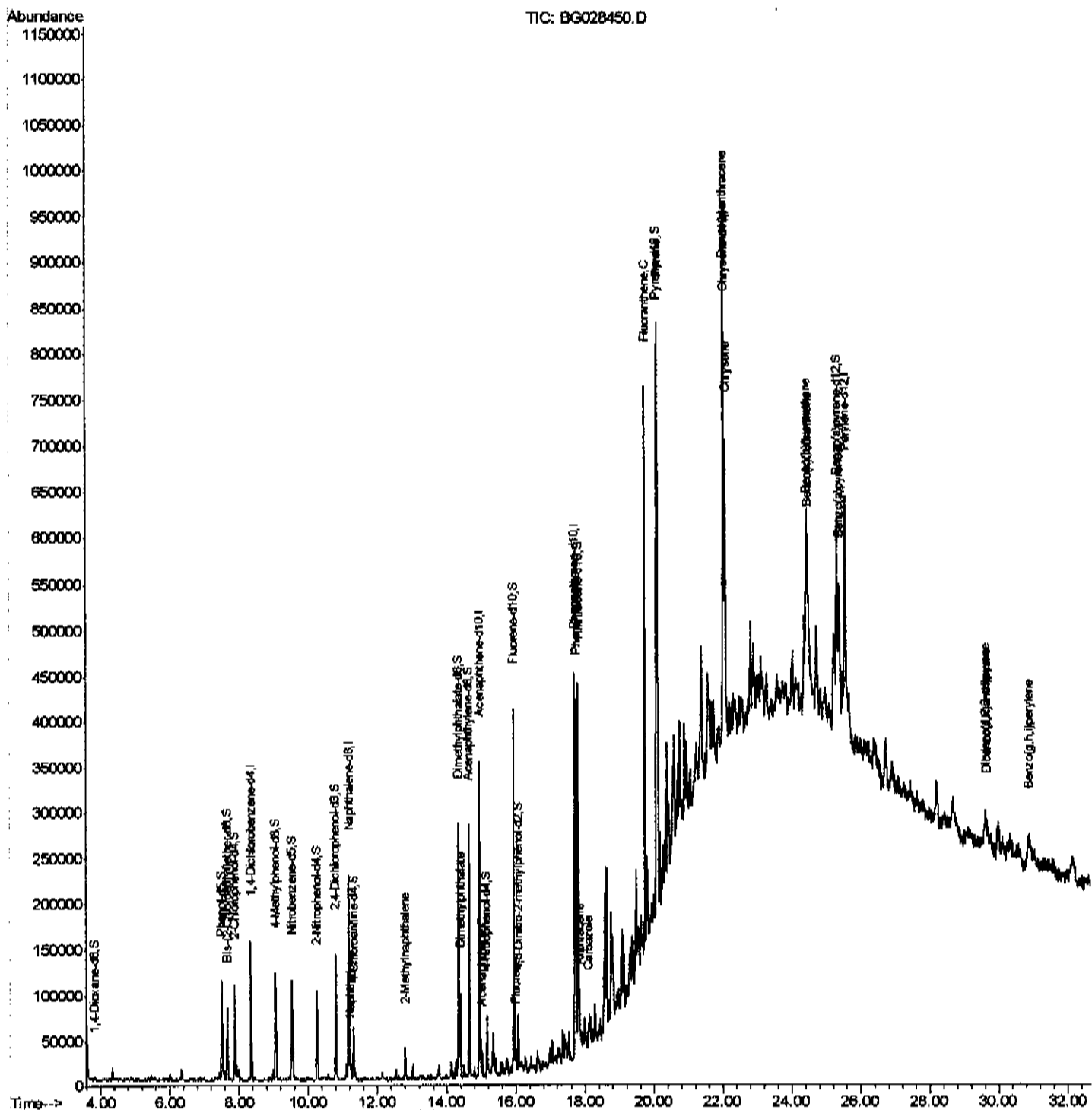
Data Path : U:\HPCHEM1\BNA G\Data\BG082317\
 Data File : BG028450.D
 Acq On : 23 Aug 2017 14:45
 Operator : SJ/JU
 Sample : I4827-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0AB1

Manual Integrations
 APPROVED

Sohil
 8/24/2017 4:38:32 PM

Quant Time: Aug 24 04:19:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 24 01:29:02 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

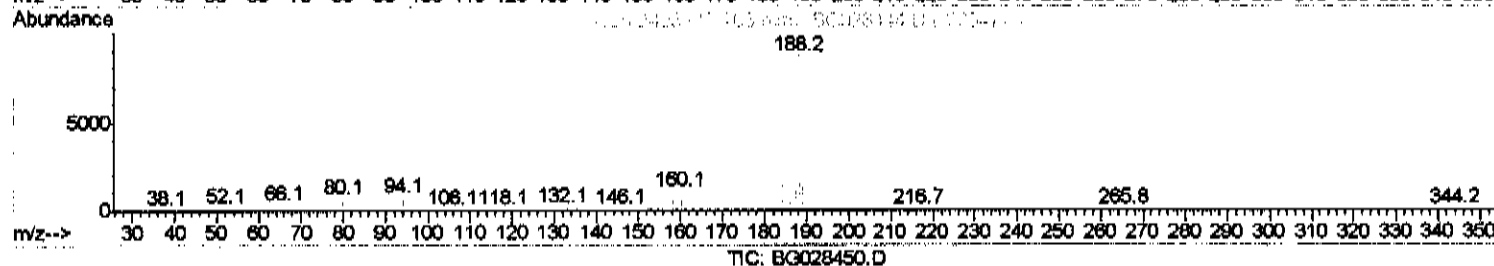
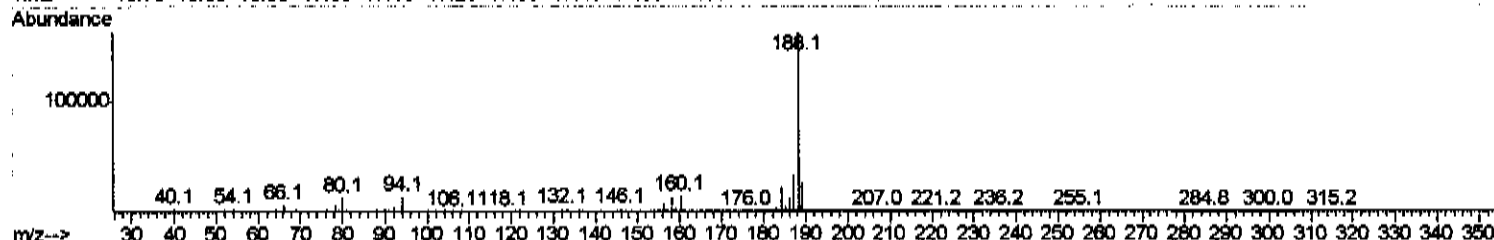
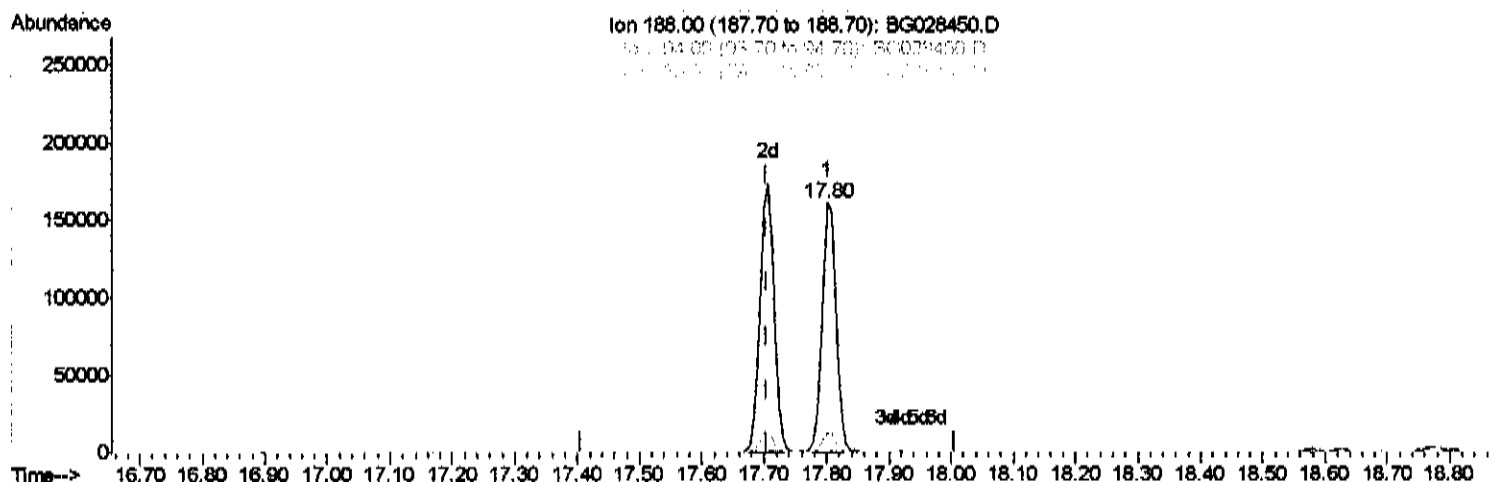
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(61) Phenanthrene-d10 (I)

17.801min (+0.095) 20.00ng/ul

response 255456

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.32
80.00	9.50	7.89
0.00	0.00	0.00

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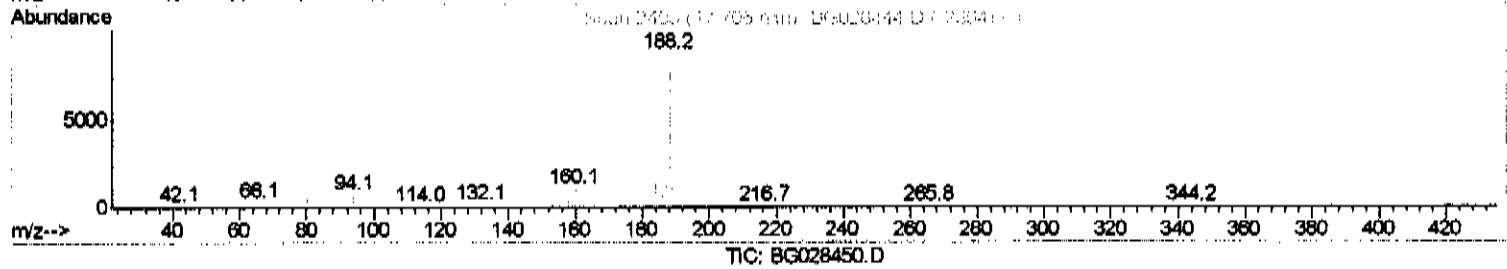
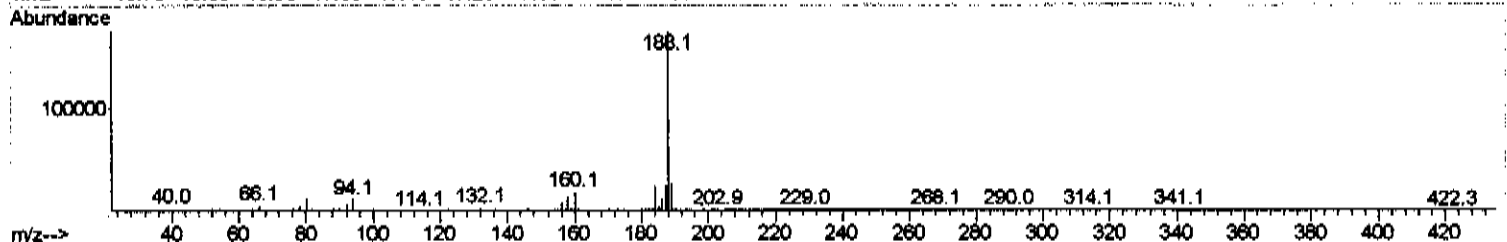
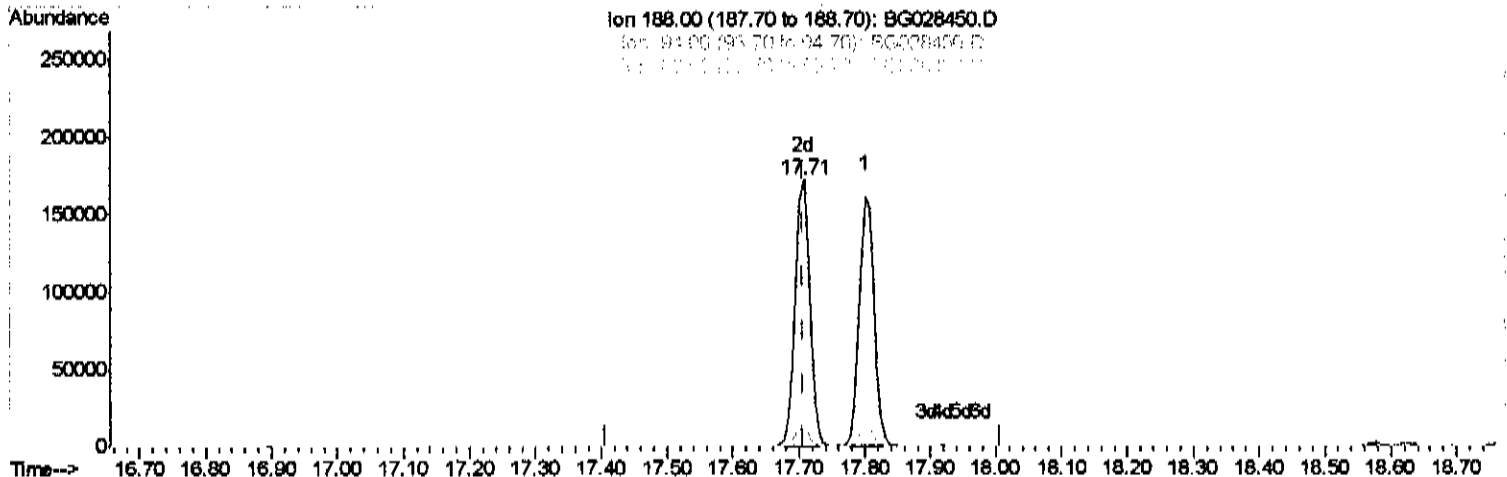
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(61) Phenanthrene-d10 (I)

17.707min (+0.001) 20.00ng/ul m

response 271069

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.90%
80.00	9.50	6.66%
0.00	0.00	0.00

JLH
 8/24/17

Quantitation Report (Qedit)

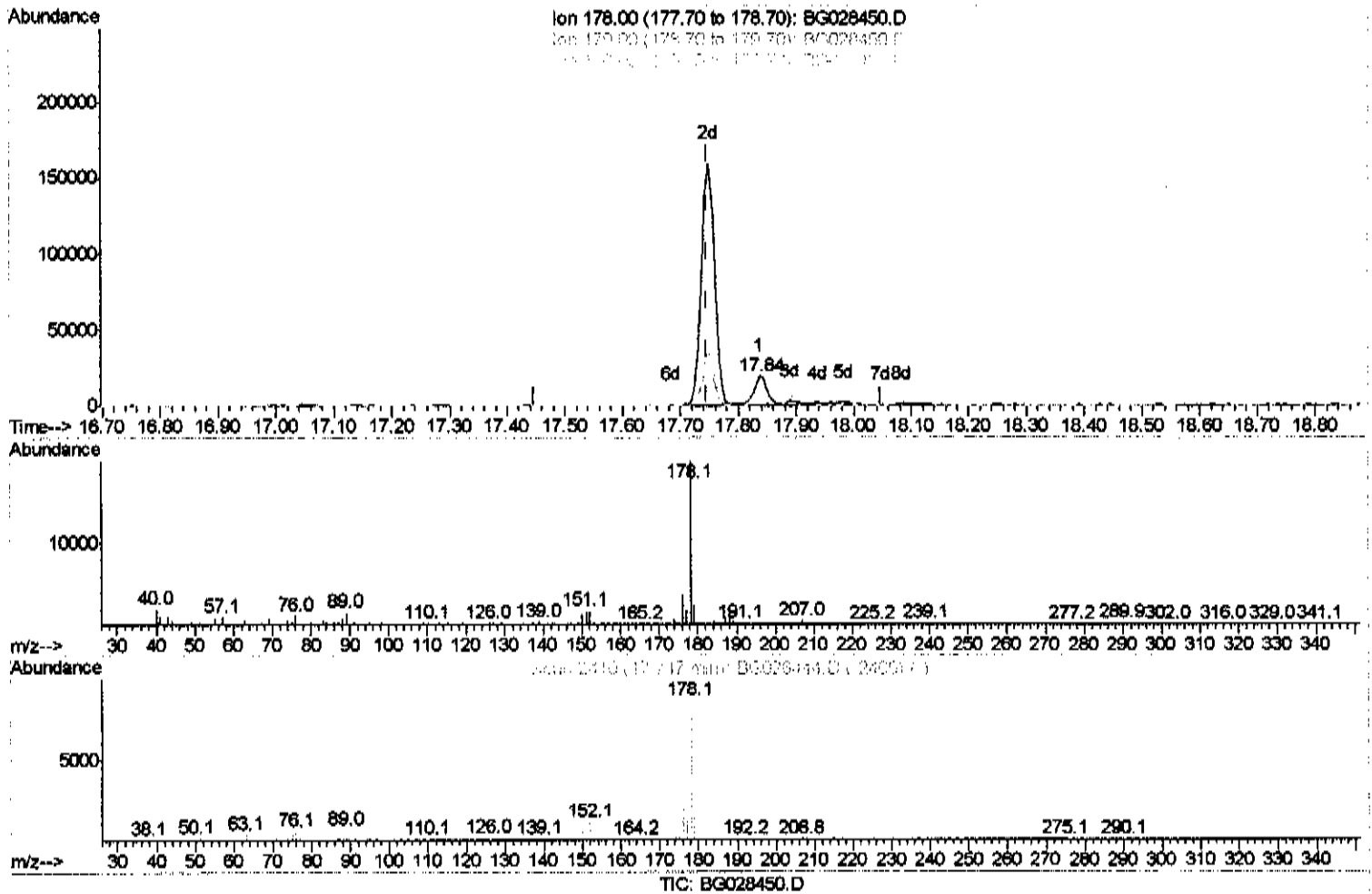
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(69) Phenanthrene

17.836min (+0.089) 2.25ng/ul

response 30627

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	13.10
176.00	20.60	18.53
0.00	0.00	0.00

Quantitation Report (Qedit)

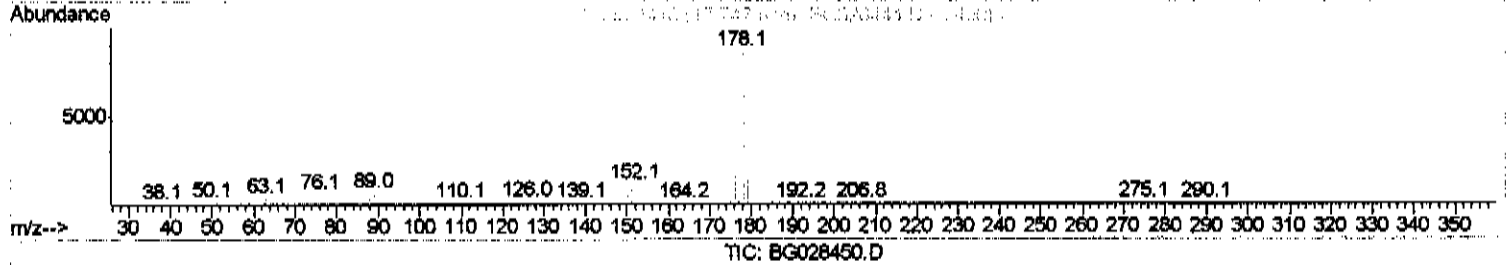
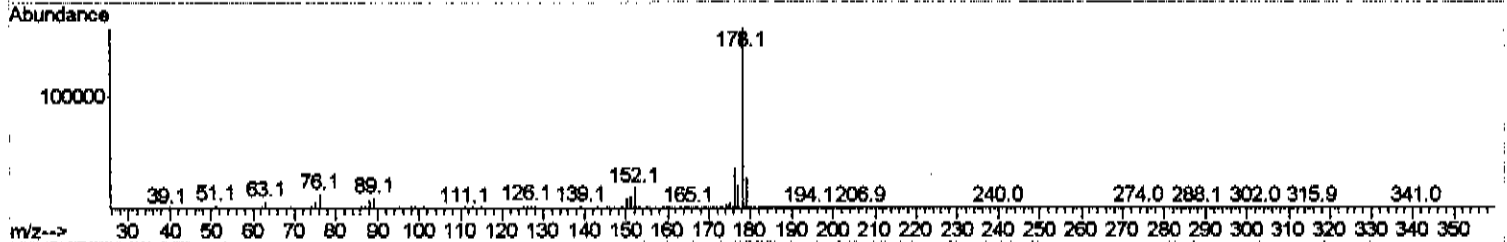
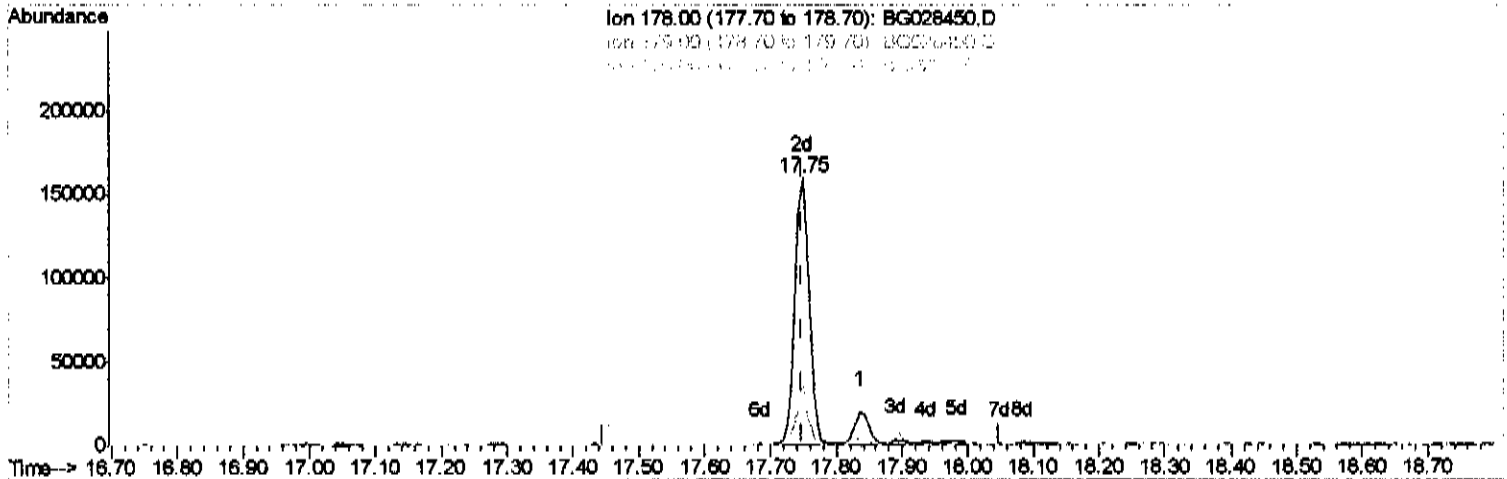
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 ClientSampled :
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(69) Phenanthrene

17.748min (+0.001) 17.80ng/ul m

response 242757

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	16.42
176.00	20.60	22.13
0.00	0.00	0.00

SJ
 8/24/17

Quantitation Report (Qedit)

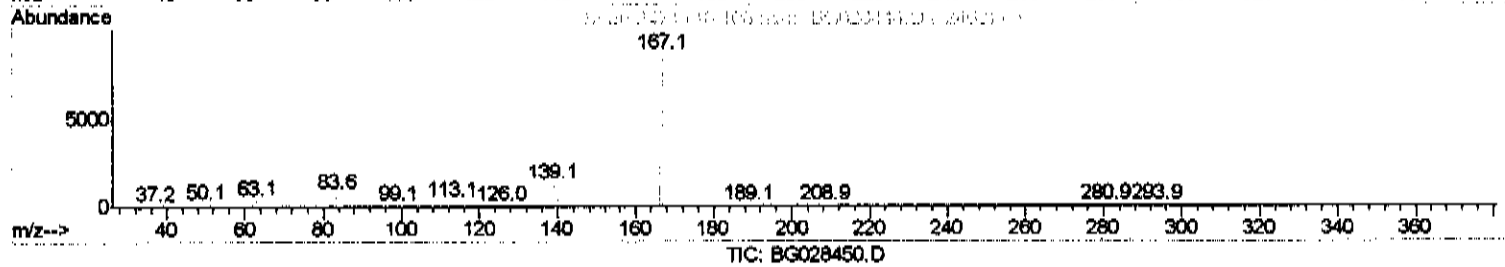
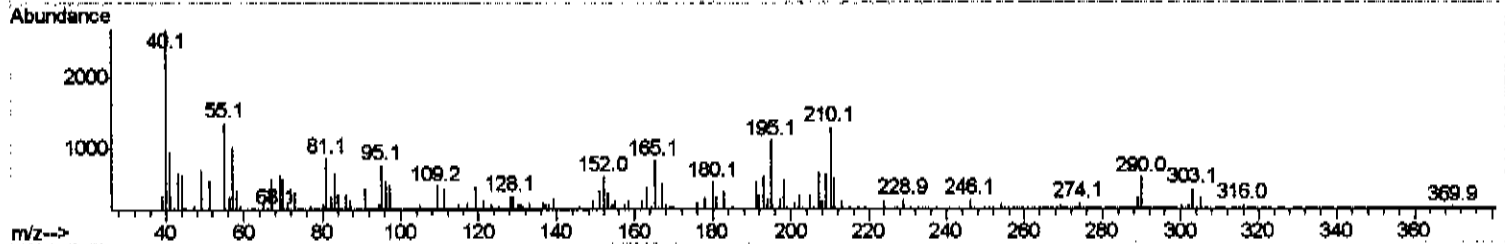
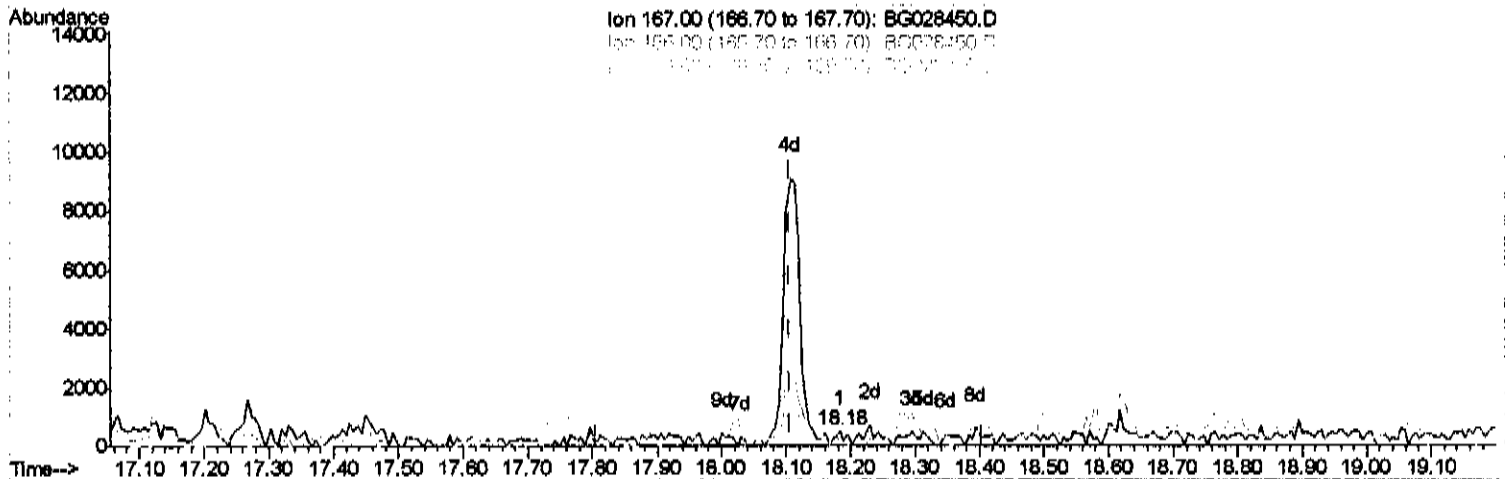
Instrument :
BNA_G
ClientSampled :
B0AB1

Manual Integrations
APPROVED

Sohil
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(72) Carbazole

18.183min (+0.077) 0.04ng/ul

response 543

Ion	Exp%	Act%
167.00	100	100
166.00	22.40	37.70#
139.00	13.10	58.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

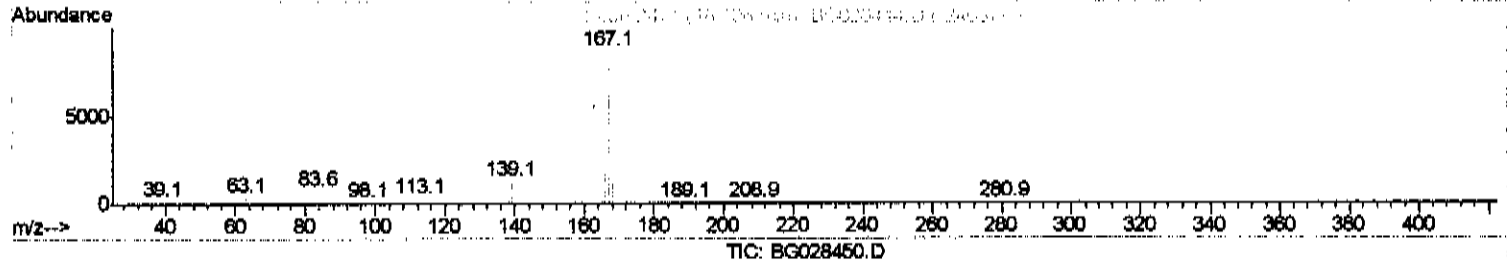
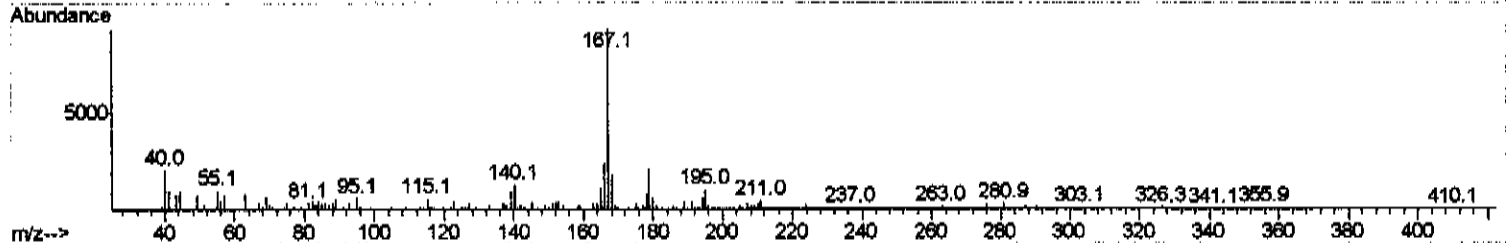
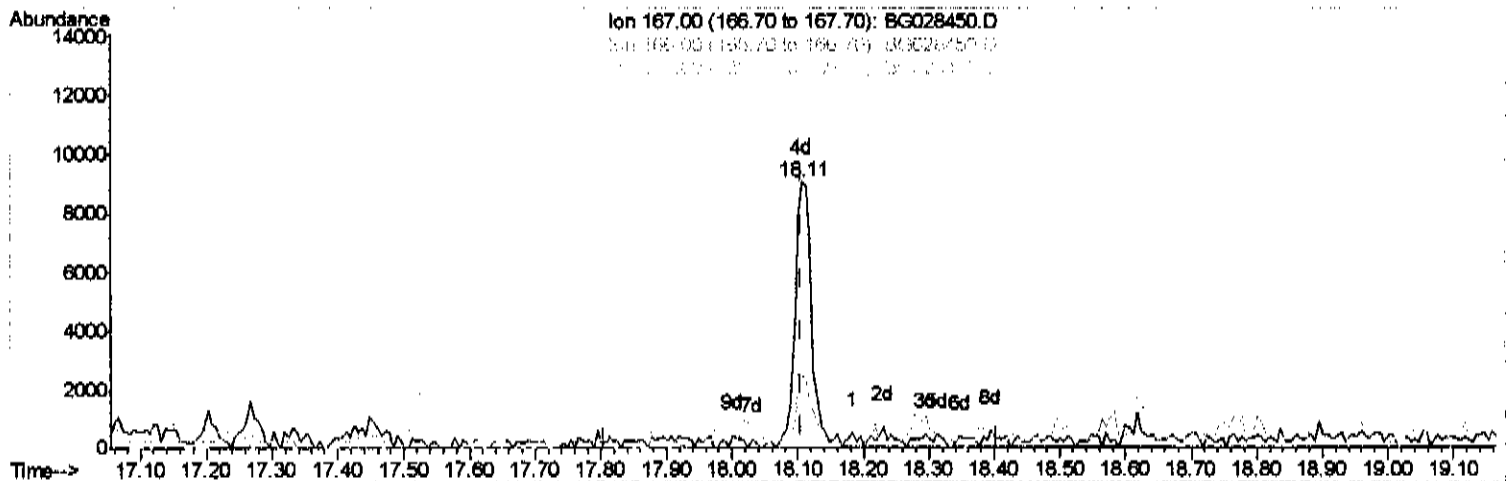
Data Path : U:\HPCHEM1\BNA G\Data\BG082317\
 Data File : BG028450.D
 Acq On : 23 Aug 2017 14:45
 Operator : SJ/JU
 Sample : I4827-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0AB1

Manual Integrations
 APPROVED

Sohil
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(72) Carbazole

18.108min (+0.001) 1.35ng/ul m

response 16382

Ion	Exp%	Act%
167.00	100	100
166.00	22.40	27.47%
139.00	13.10	11.50
0.00	0.00	0.00

SJ
 8/24/17

Quantitation Report (Qedit)

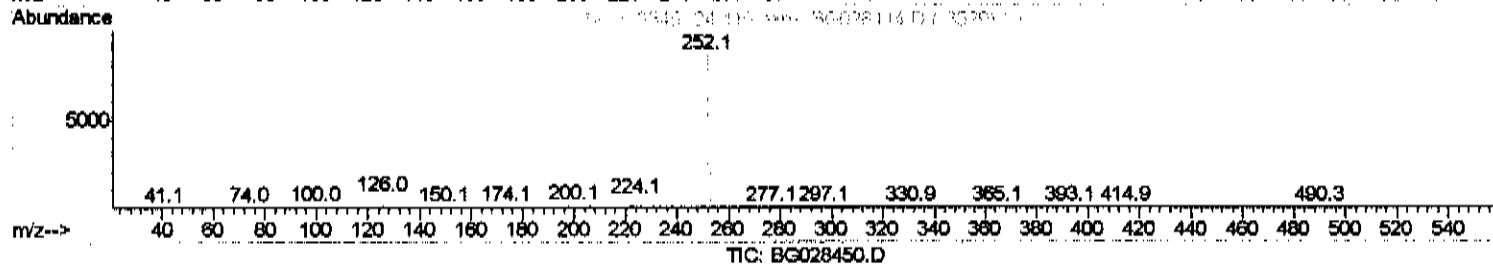
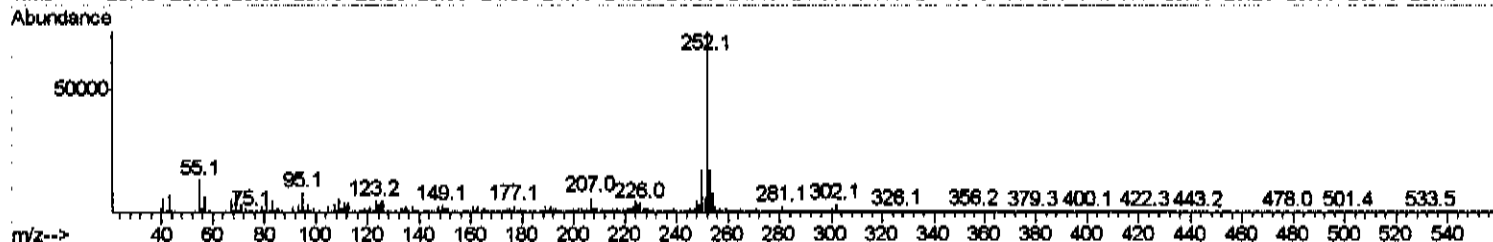
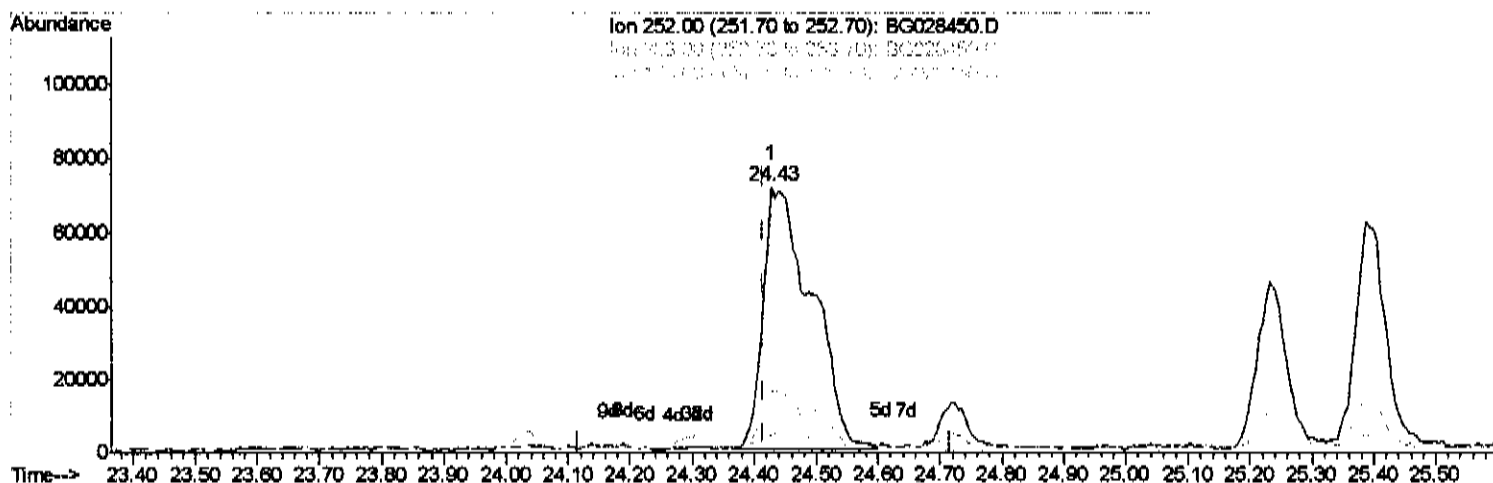
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(85) Benzo(b)fluoranthene
 24.428min (+0.013) 20.62ng/ui
 response 384821

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.23
125.00	5.00	6.47%
0.00	0.00	0.00

Quantitation Report (Qedit)

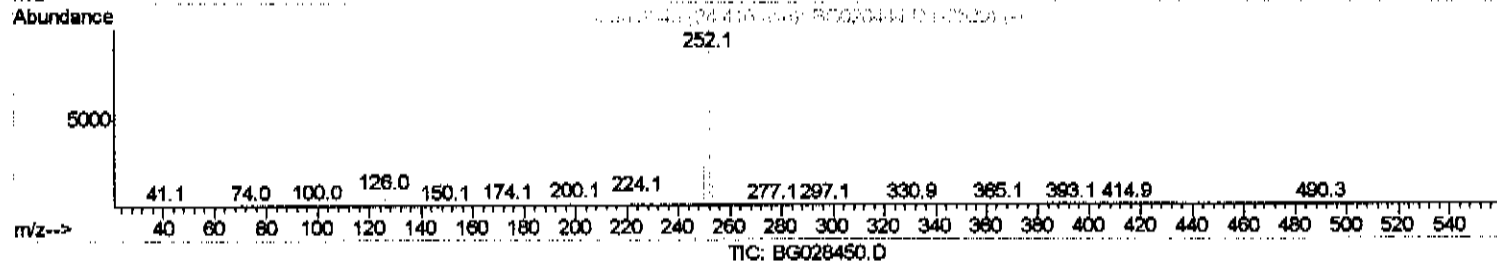
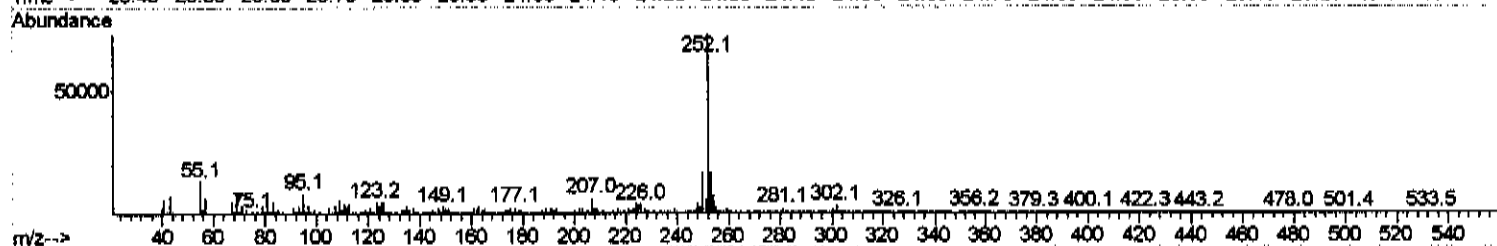
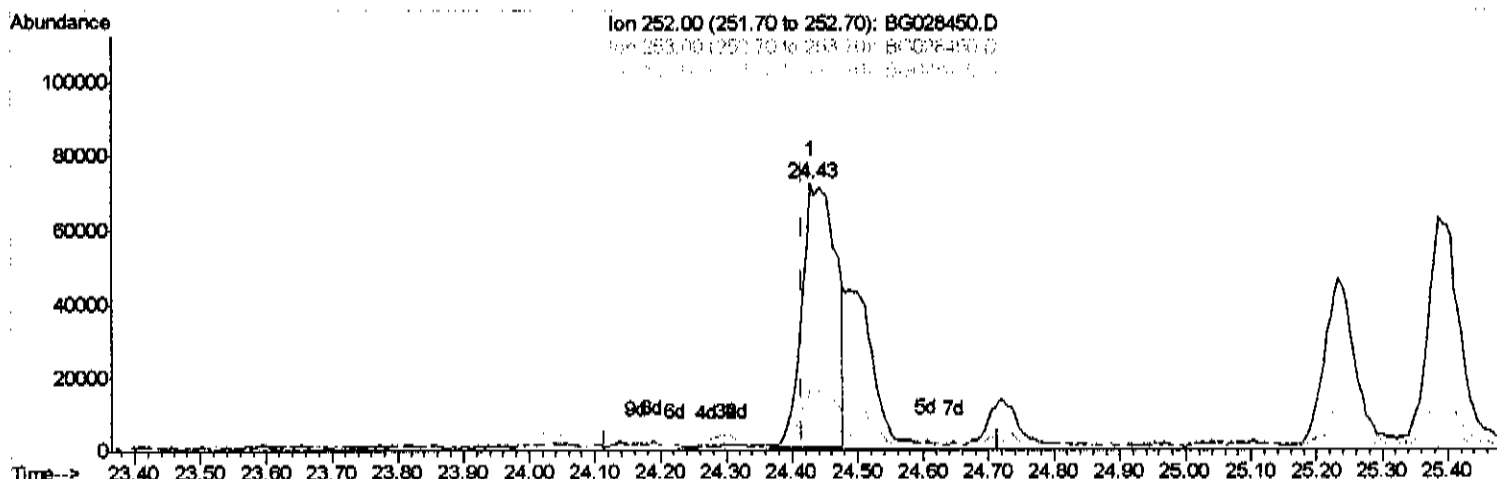
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 BNA_G
 ClientSampled :
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Manual Integrations
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(85) Benzo(b)fluoranthene

24.428min (+0.013) 13.80ng/u1 m

response 257508

Ion Exp% Act%

252.00 100 100

253.00 22.10 23.23

125.00 5.00 6.47#

0.00 0.00 0.00

SJL
 8/24/17

Quantitation Report (Qedit)

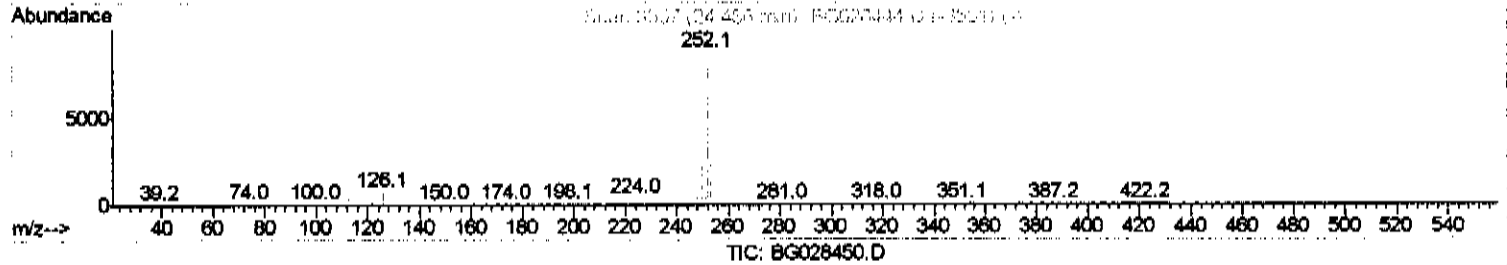
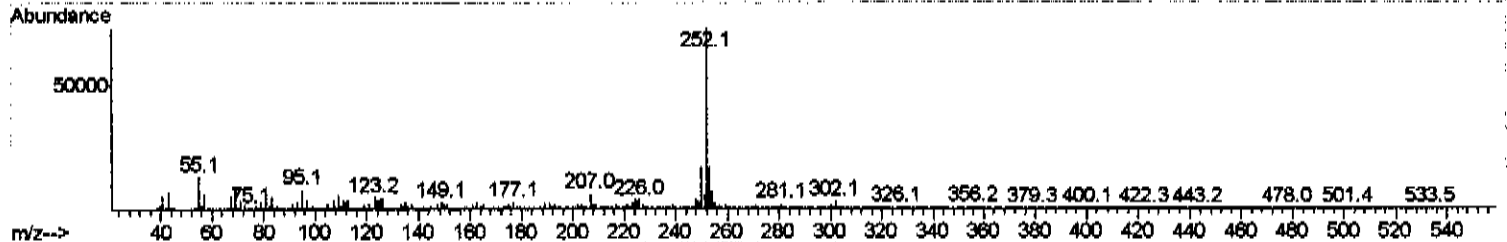
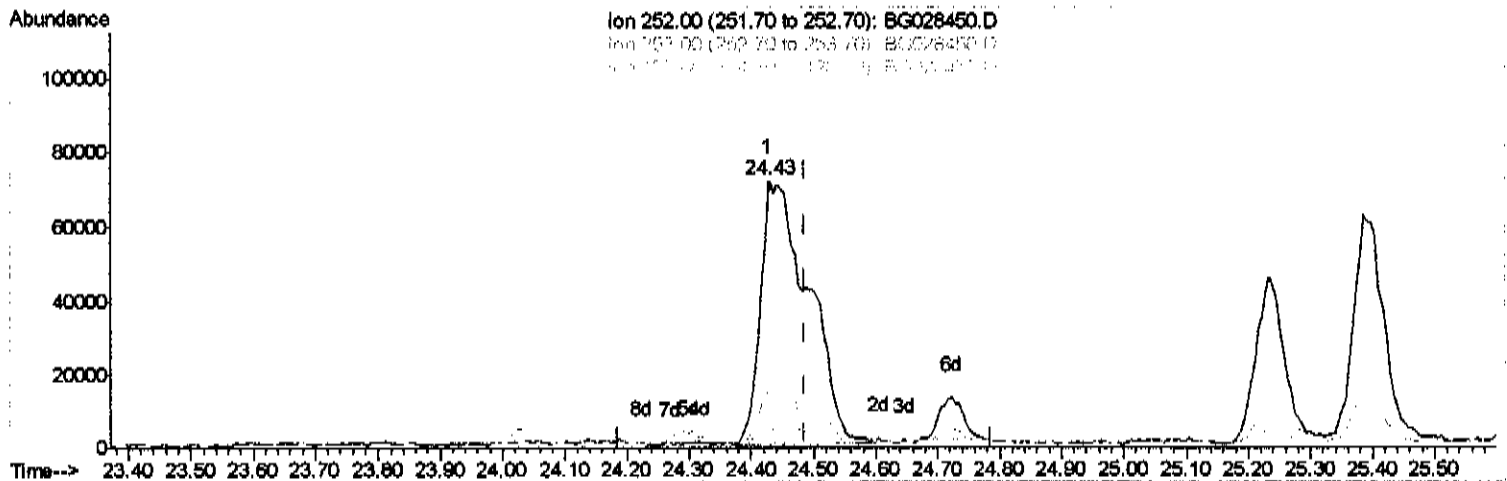
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(86) Benzo(k)fluoranthene
 24.428min (-0.058) 21.11ng/ul
 response 384821

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.23
125.00	5.10	6.47%
0.00	0.00	0.00

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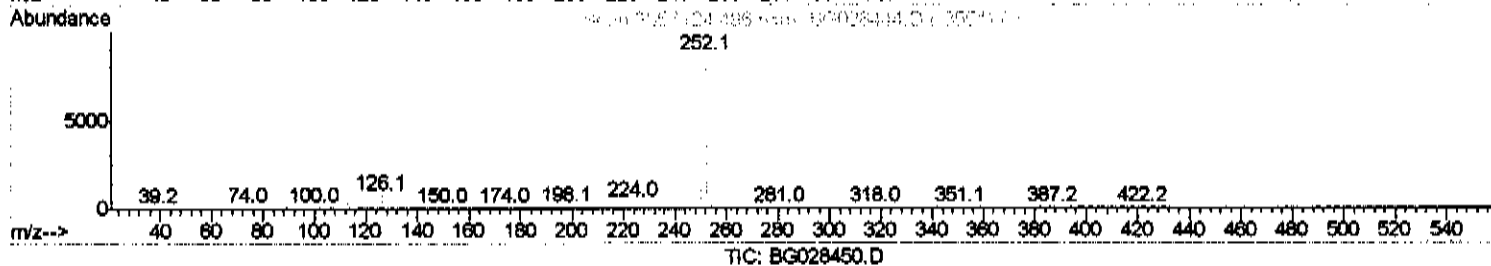
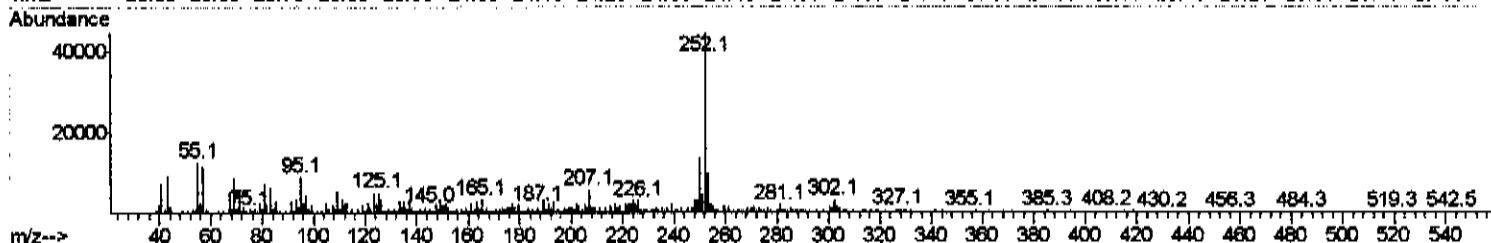
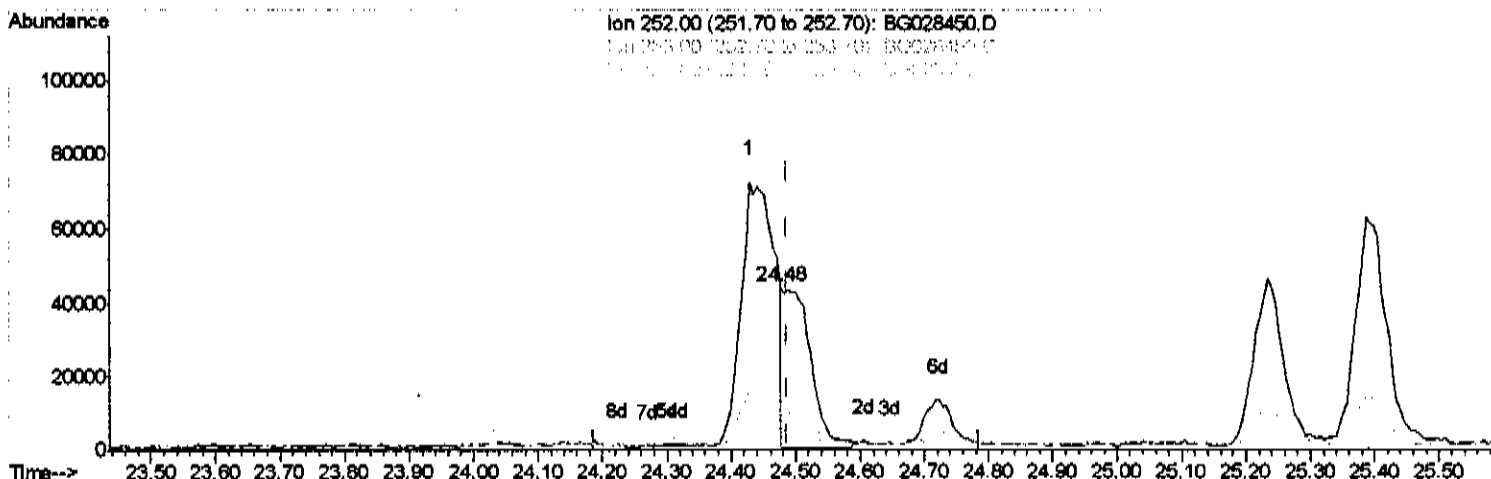
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(86) Benzo(k)fluoranthene

24.475min (-0.011) 7.05ng/ul m

response 128497

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	21.87
125.00	5.10	11.42#
0.00	0.00	0.00

SJ
 8/24/17

Quantitation Report (Qedit)

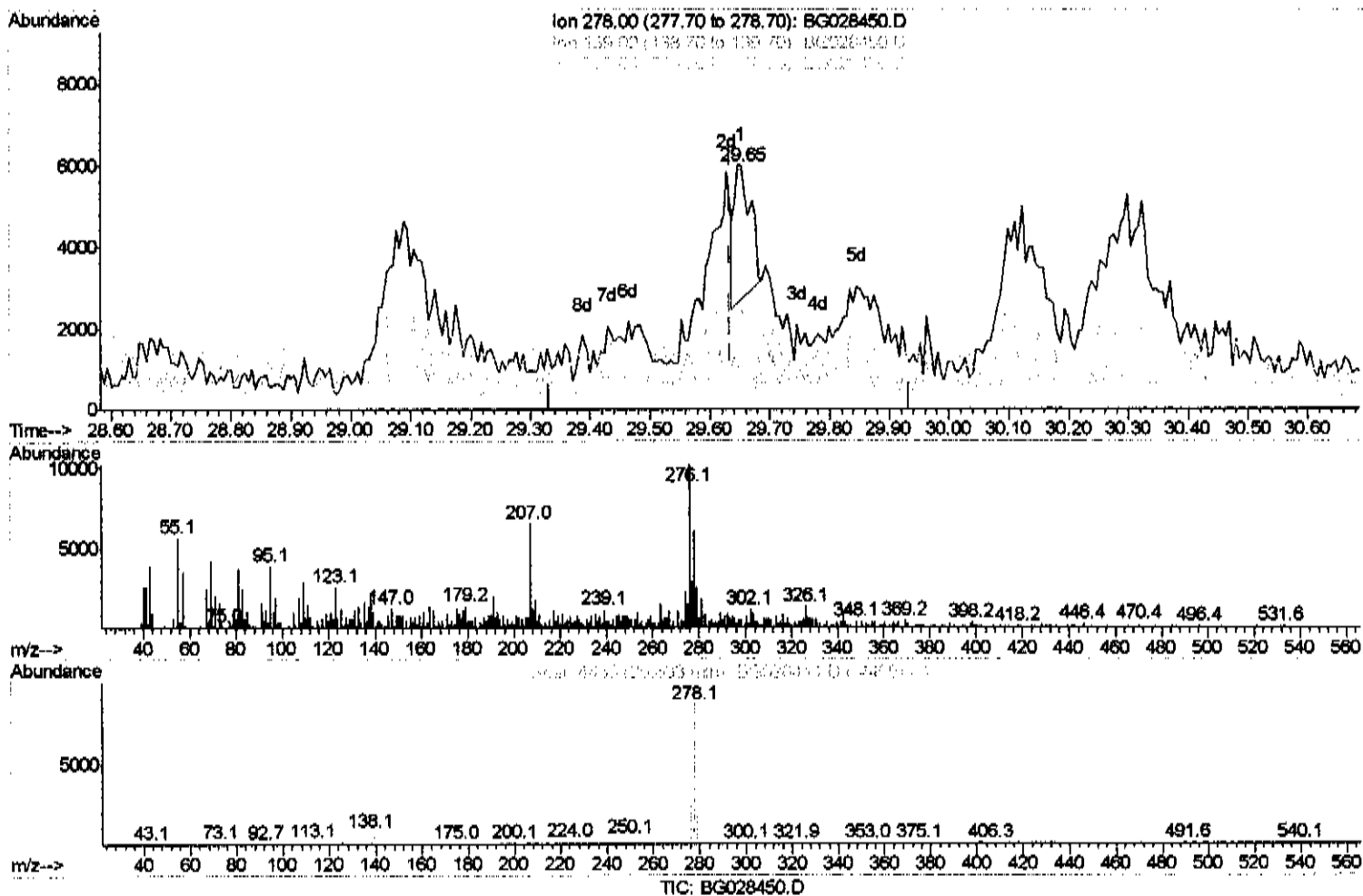
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(90) Dibenzo(a,h)anthracene

29.652min (+0.018) 0.35ng/ul

response 6271

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	18.09#
279.00	26.10	42.99#
0.00	0.00	0.00

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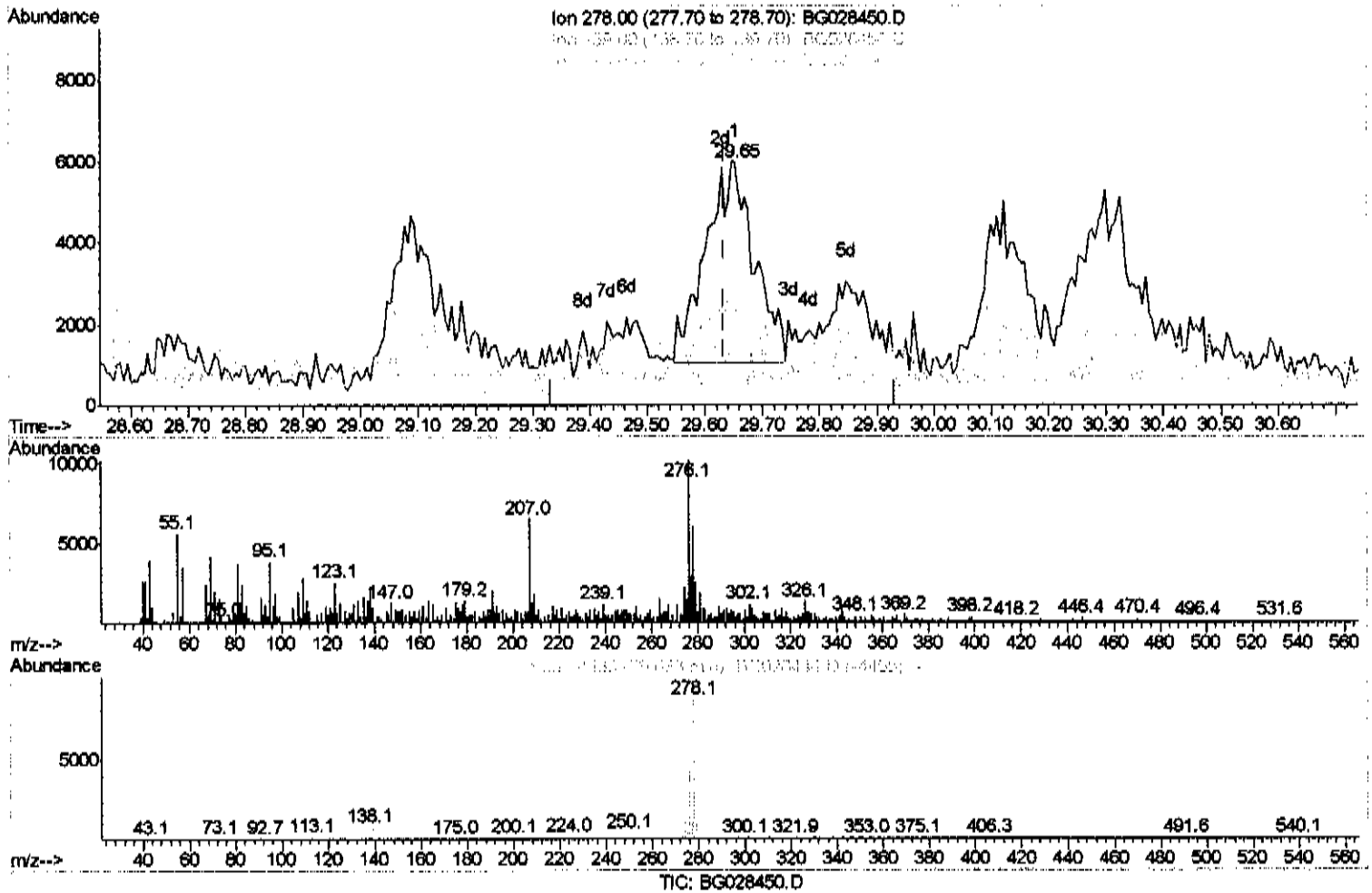
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(90) Dibenzo(a,h)anthracene

29.652min (+0.018) 1.63ng/ul m

response 28843

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	18.09%
279.00	26.10	42.99%
0.00	0.00	0.00

SJ
 8/24/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	43577	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	187304	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	121202	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	271069m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	324621	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	311802	20.00	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.82	96	2511	2.68	ng/ul	0.00
5) Phenol-d5	7.50	99	60078	12.55	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.66	67	41349	13.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	47961	15.89	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	46867	11.72	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	25716	17.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	30201	18.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	55238	16.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	31576	8.54	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	189486	17.58	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	214090	17.61	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	19979	11.66	ng/ul	0.01
57) Fluorene-d10	15.94	176	161332	16.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	13155	7.47	ng/ul	0.00
70) Anthracene-d10	17.80	188	255456	19.65	ng/ul	0.00
76) Pyrene-d10	20.08	212	289521	17.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	288819	19.79	ng/ul	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	11.21	128	14933	1.610	ng/ul	95
34) 2-Methylnaphthalene	12.80	142	16746	2.247	ng/ul	97
44) Dimethylphthalate	14.39	163	51282	5.167	ng/ul	99
49) Acenaphthene	15.02	153	8973	1.145	ng/ul	95
58) Fluorene	16.00	166	11349	1.122	ng/ul#	81
69) Phenanthrene	17.75	178	242757m	17.795	ng/ul	96
71) Anthracene	17.84	178	30627	2.197	ng/ul	96
72) Carbazole	18.11	167	16382m	1.351	ng/ul	98
74) Fluoranthene	19.75	202	398668	24.047	ng/ul	99
77) Pyrene	20.11	202	418846	21.627	ng/ul	99
80) Benzo(a)anthracene	22.02	228	224807	11.986	ng/ul	97
82) Chrysene	22.09	228	267605	15.842	ng/ul	95
85) Benzo(b)fluoranthene	24.43	252	257508m	13.801	ng/ul	95
86) Benzo(k)fluoranthene	24.48	252	128497m	7.050	ng/ul	98
88) Benzo(a)pyrene	25.39	252	200251	11.085	ng/ul	94
89) Indeno(1,2,3-cd)pyrene	29.60	276	98866	4.673	ng/ul	94
90) Dibenzo(a,h)anthracene	29.65	278	28843m	1.627	ng/ul	86
91) Benzo(g,h,i)perylene	30.87	276	91028	5.230	ng/ul#	86

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