

Quantitation Report (Qedit)

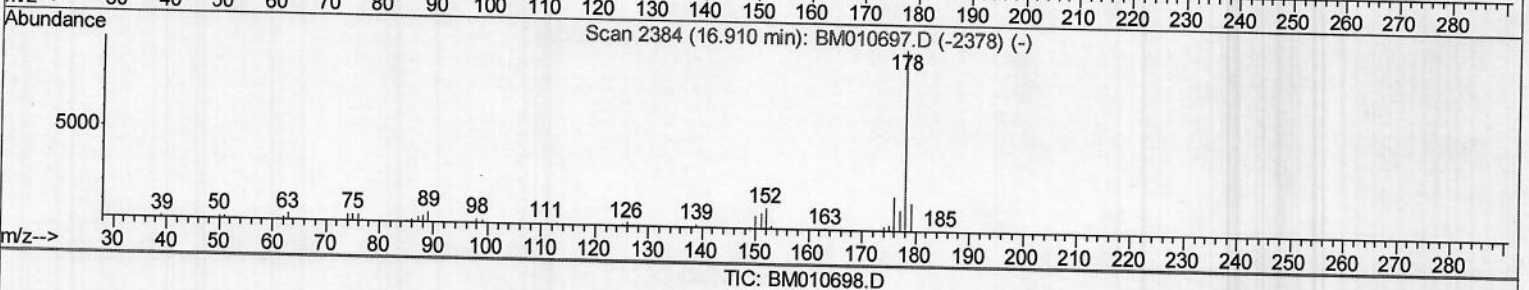
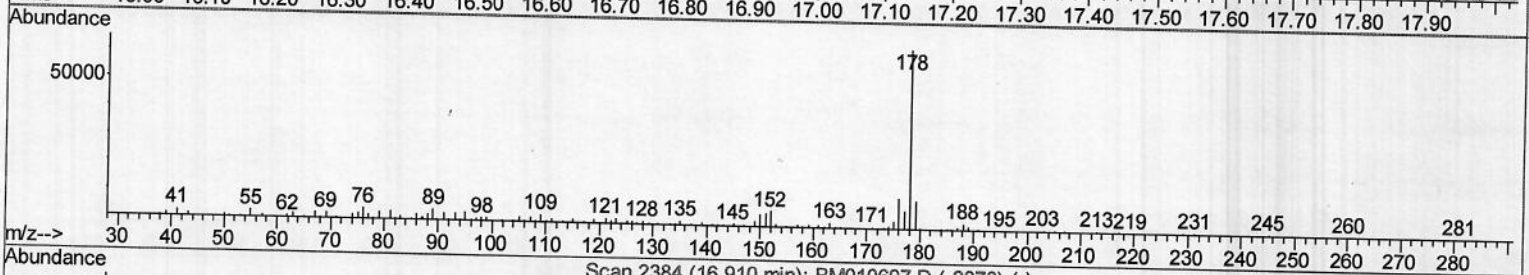
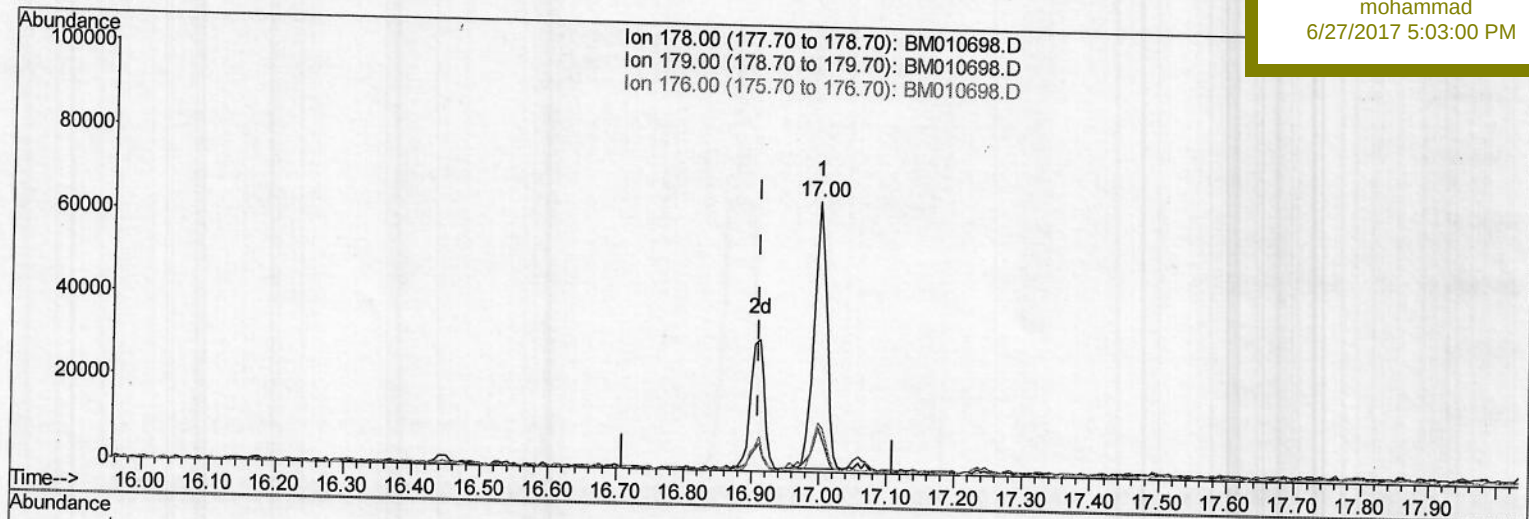
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
 Data File : BM010698.D
 Acq On : 23 Jun 2017 20:02
 Operator : SJ/JU
 Sample : I3625-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 24 04:40:25 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 24 04:37:39 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F5B82

Manual Integrations
 APPROVED

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TIC: BM010698.D

(69) Phenanthrene

16.998min (+0.088) 3.09ng/ul

response 83336

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	15.89
176.00	18.60	17.55
0.00	0.00	0.00

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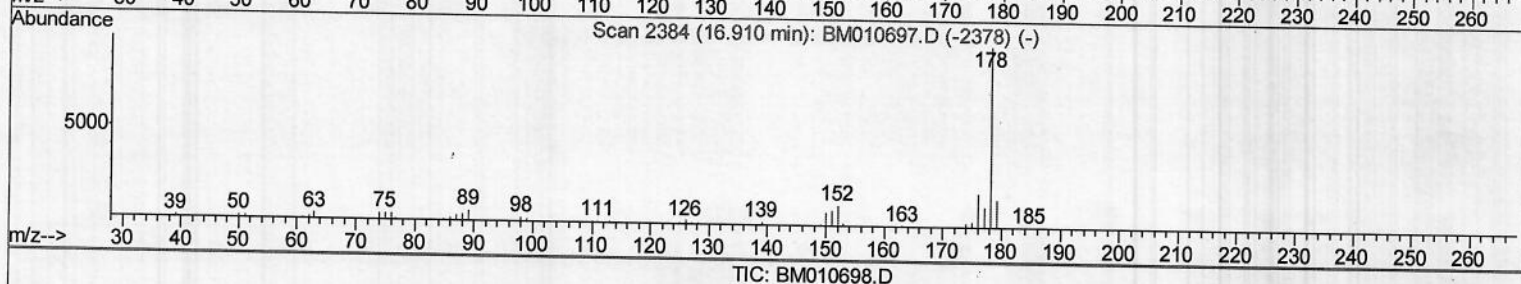
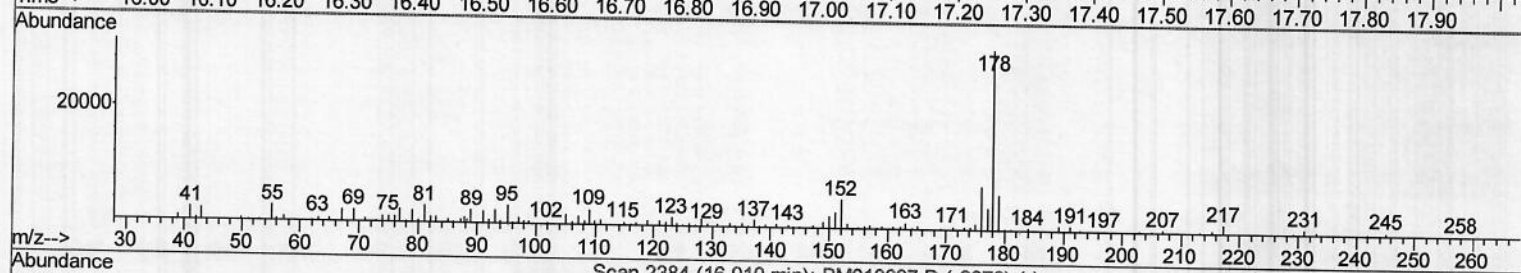
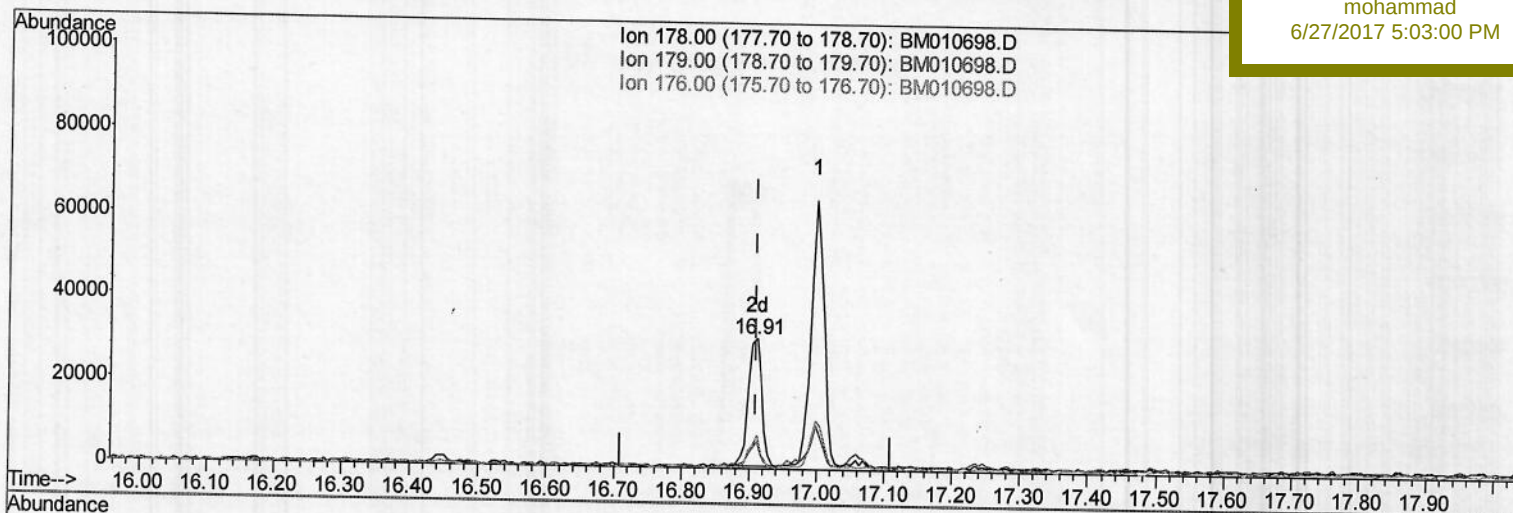
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(69) Phenanthrene

16.910min (+0.000) 1.59ng/ul m

response 42802

Ion Exp% Act%

178.00 100 100

179.00 15.80 20.82#

176.00 18.60 25.58#

0.00 0.00 0.00

> 5.5
06/29/17

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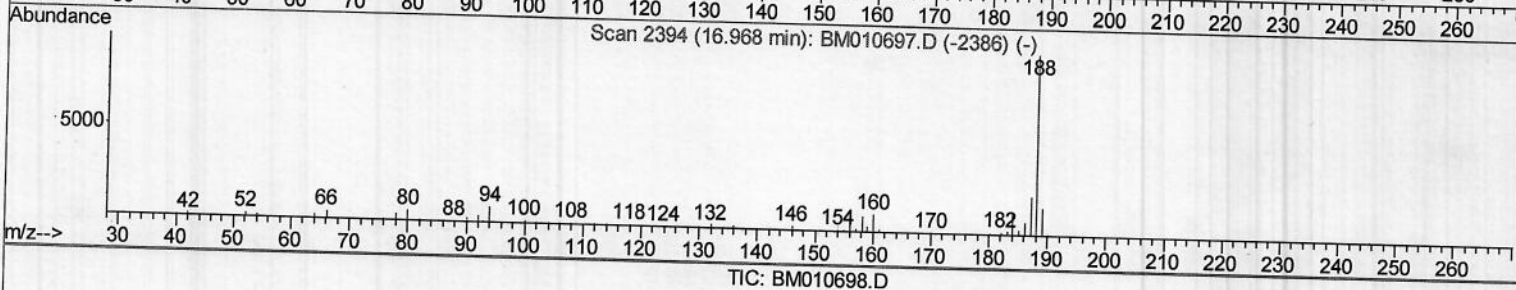
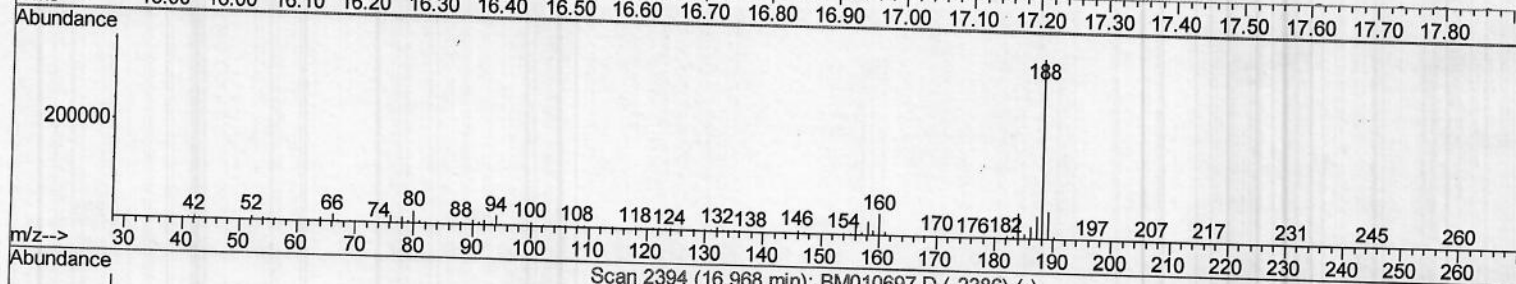
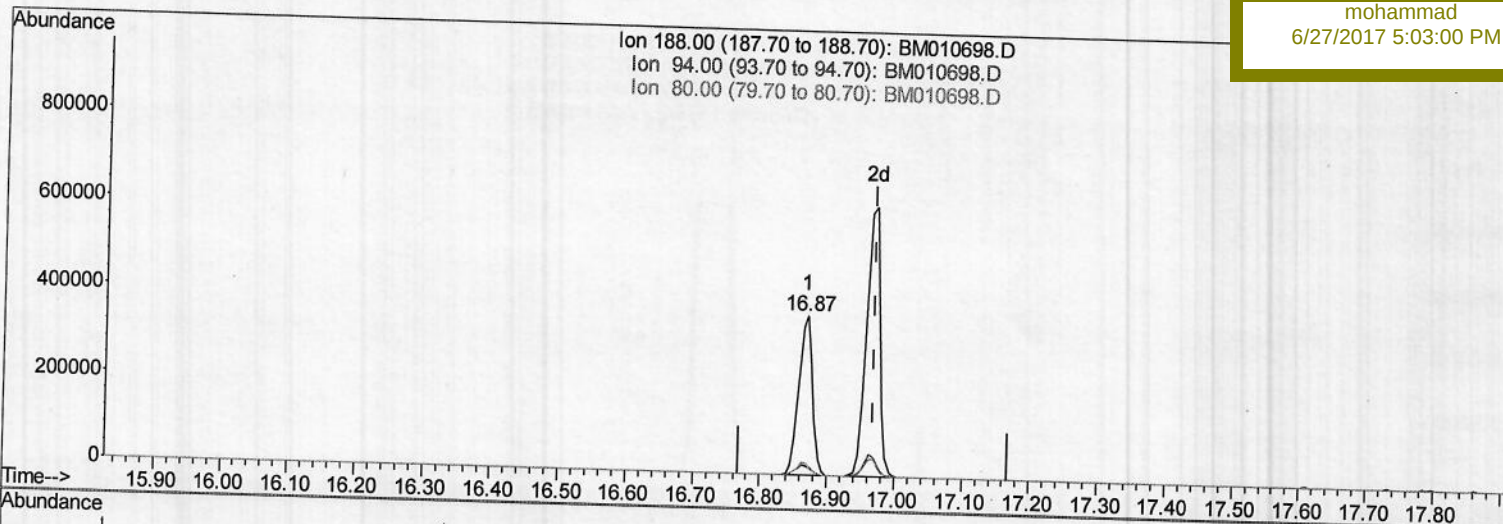
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(70) Anthracene-d10 (S)

16.868min (-0.100) 20.71ng/ul

response 507920

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	5.42
80.00	5.90	6.94
0.00	0.00	0.00

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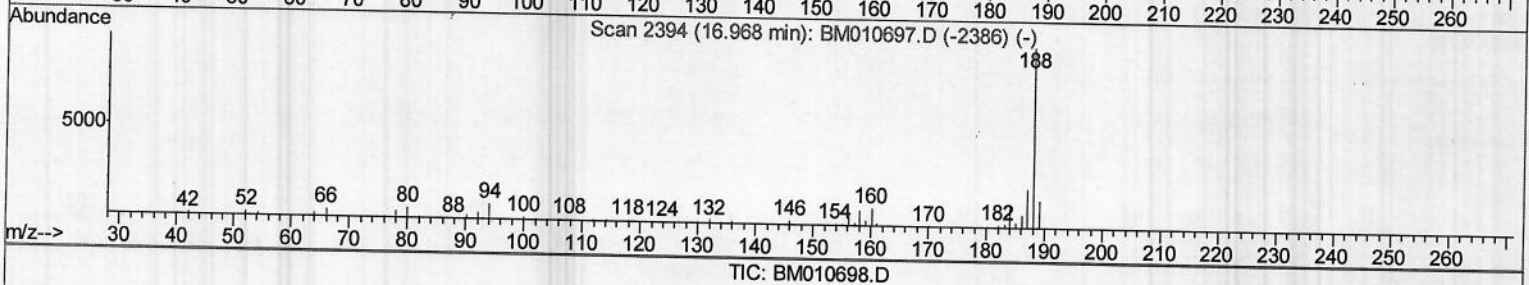
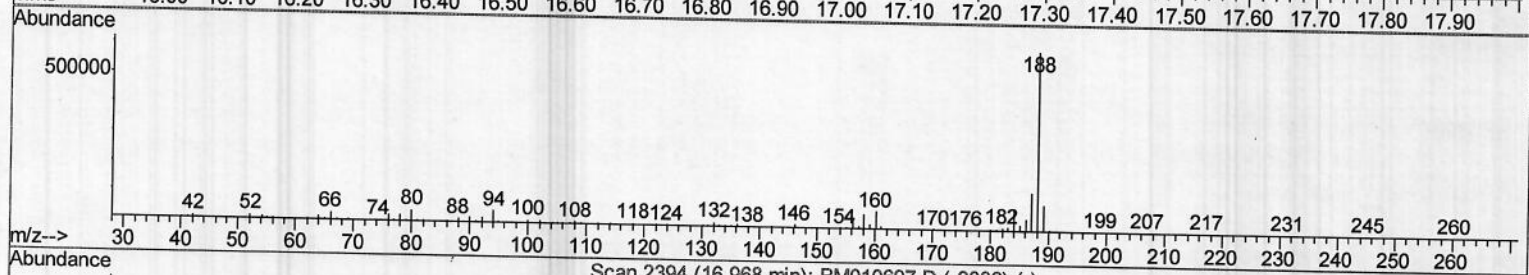
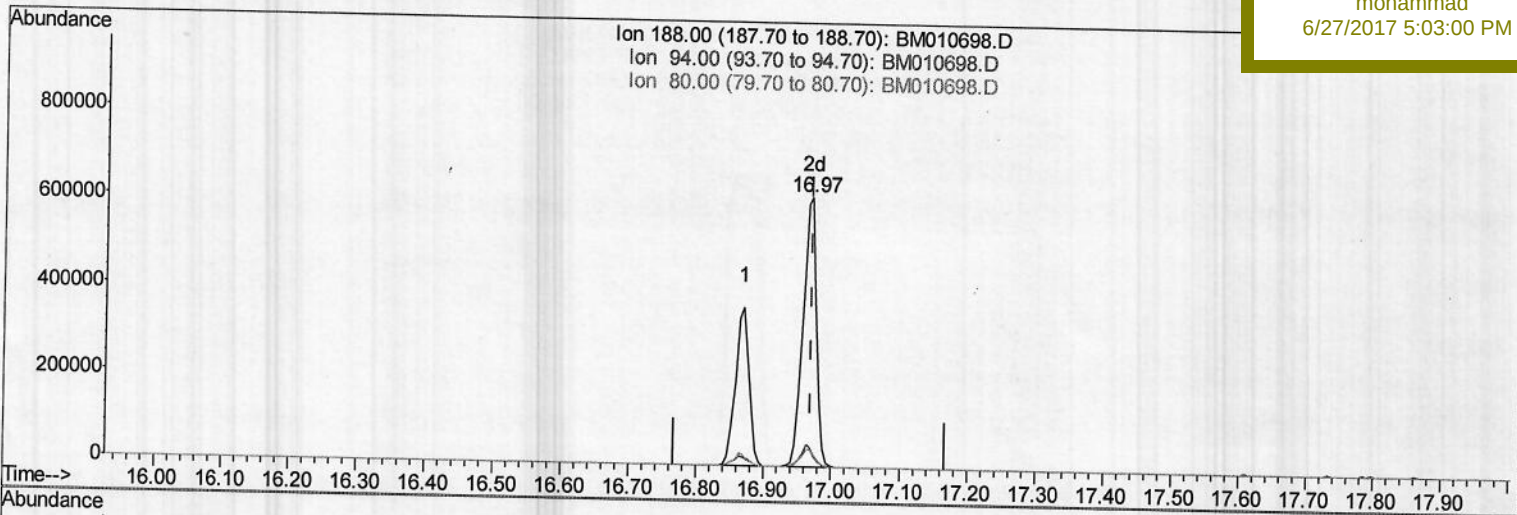
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(70) Anthracene-d10 (S)

16.968min (+0.000) 34.70ng/ul m

response 851083

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	6.86#
80.00	5.90	6.37
0.00	0.00	0.00

29.7
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TIC: BM010698.D

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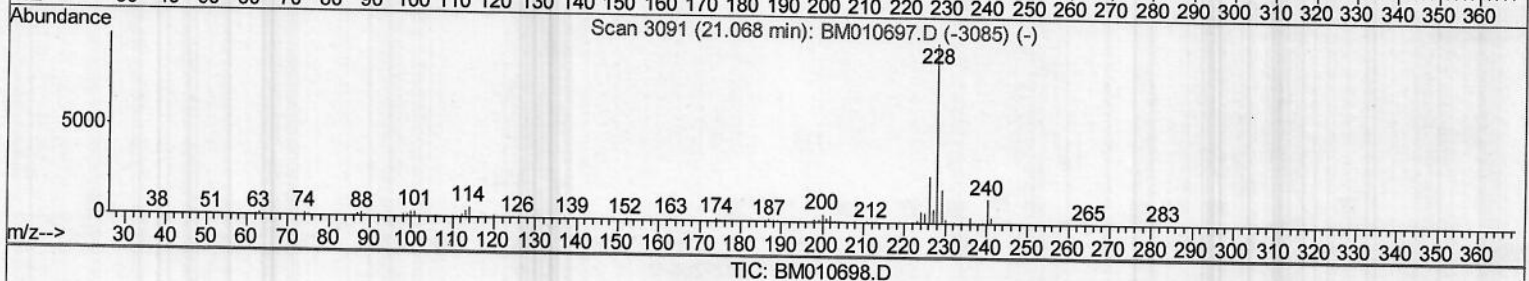
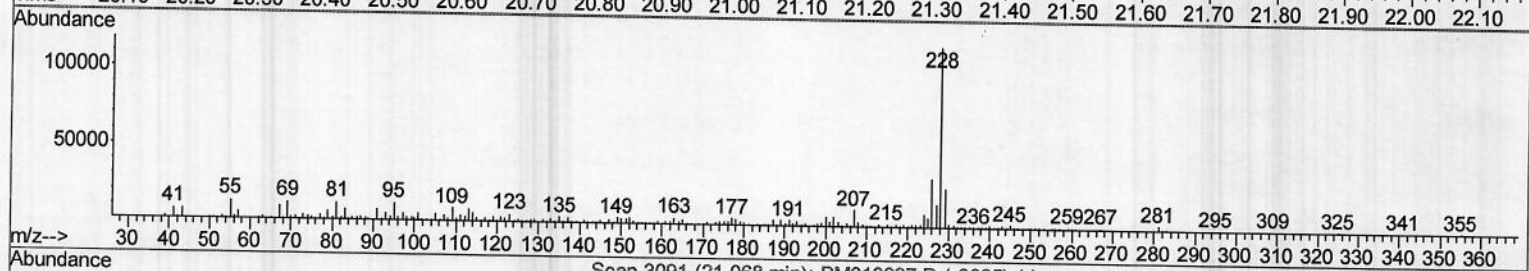
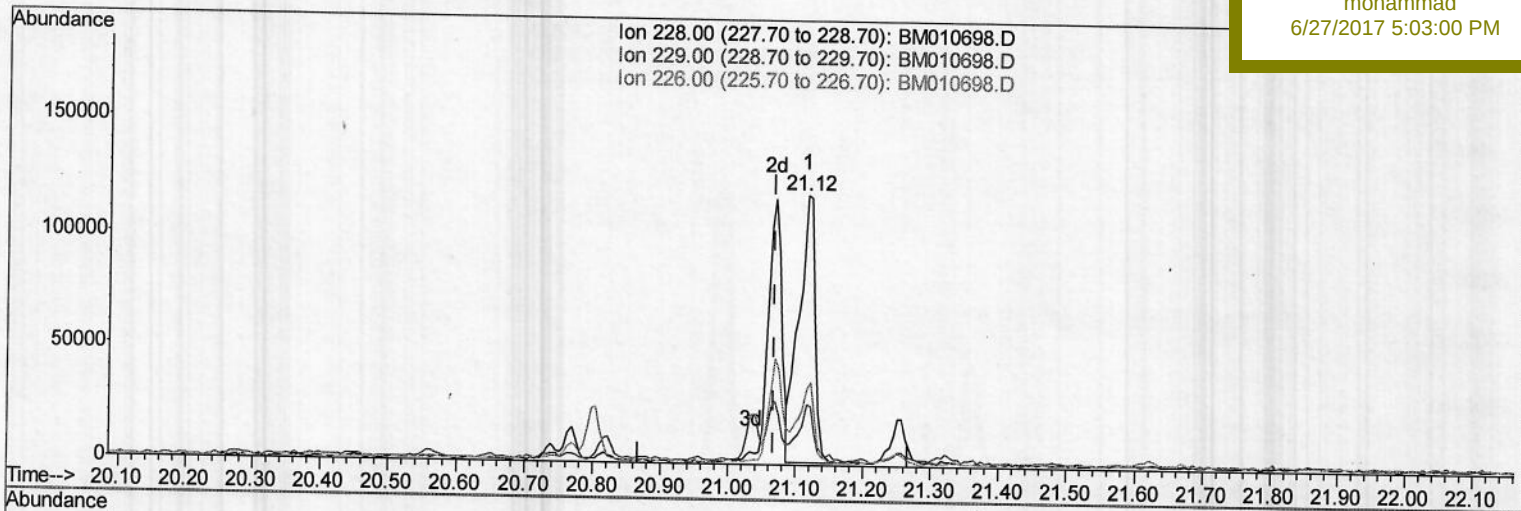
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TIC: BM010698.D

(80) Benzo(a)anthracene
 21.115min (+0.047) 6.05ng/ul
 response 198386

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	22.23
226.00	26.70	27.83
0.00	0.00	0.00

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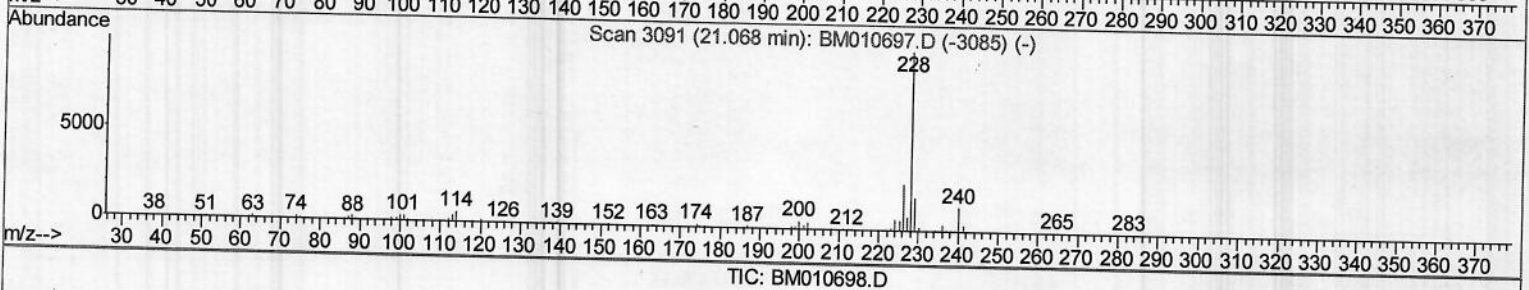
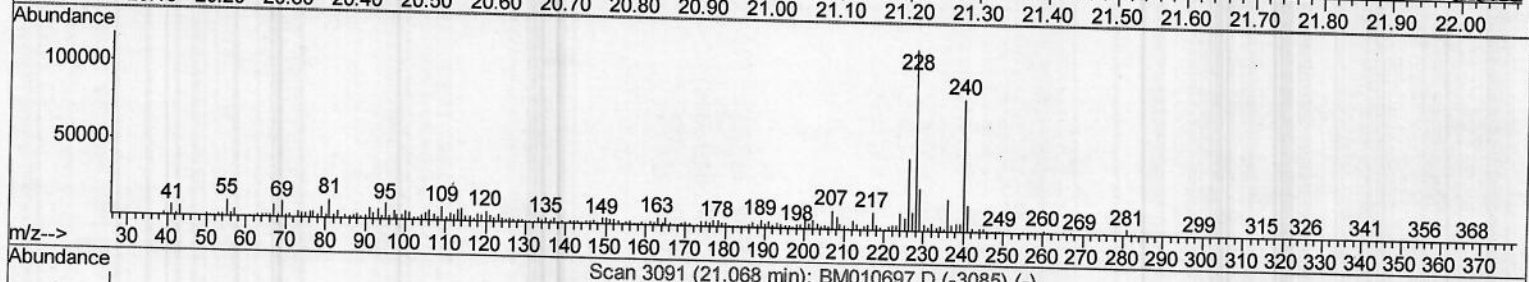
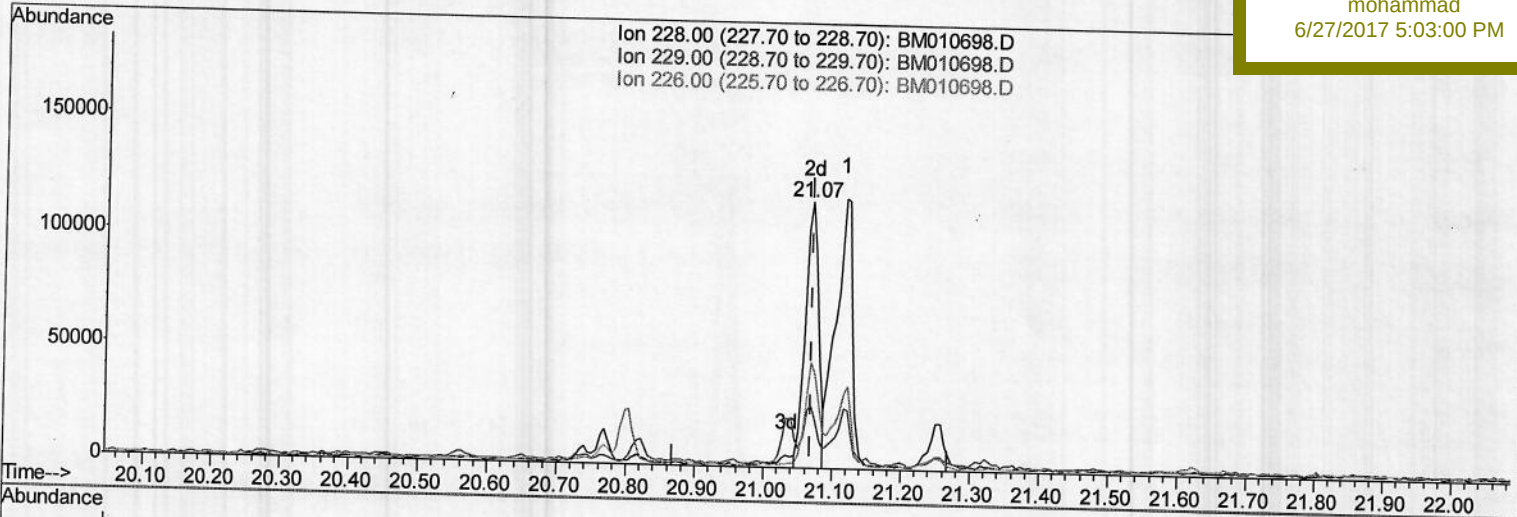
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 Sample : I3625-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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Manual Integrations
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TIC: BM010698.D

(80) Benzo(a)anthracene

21.068min (+0.000) 4.93ng/ul m

response 161635

Ion Exp% Act%

228.00	100	100
229.00	19.20	23.38#
226.00	26.70	39.59#
0.00	0.00	0.00

> 9.5
 06/29/17

Quantitation Report (Qedit)

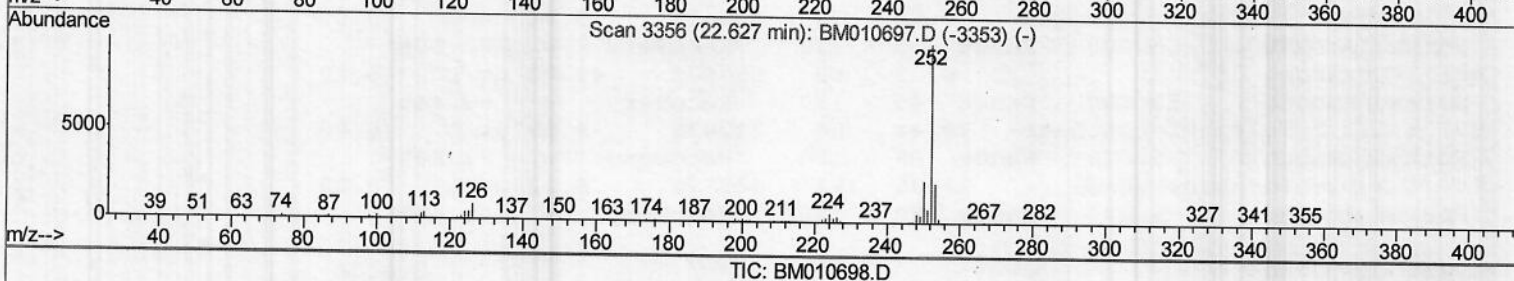
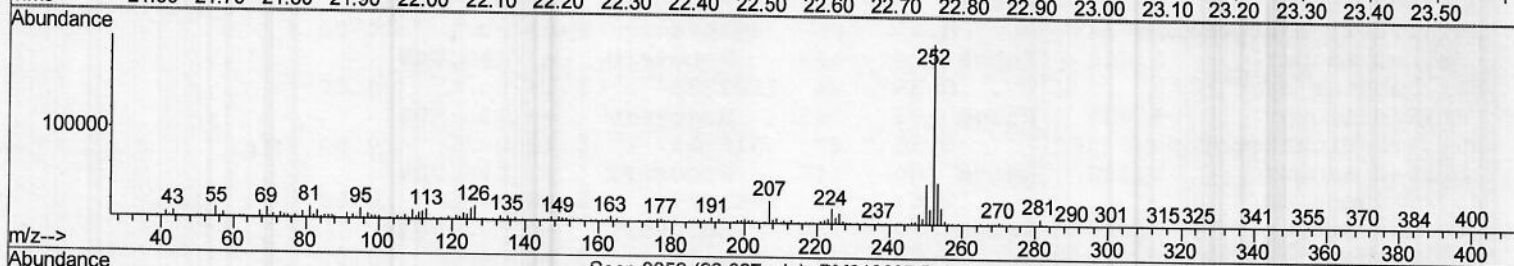
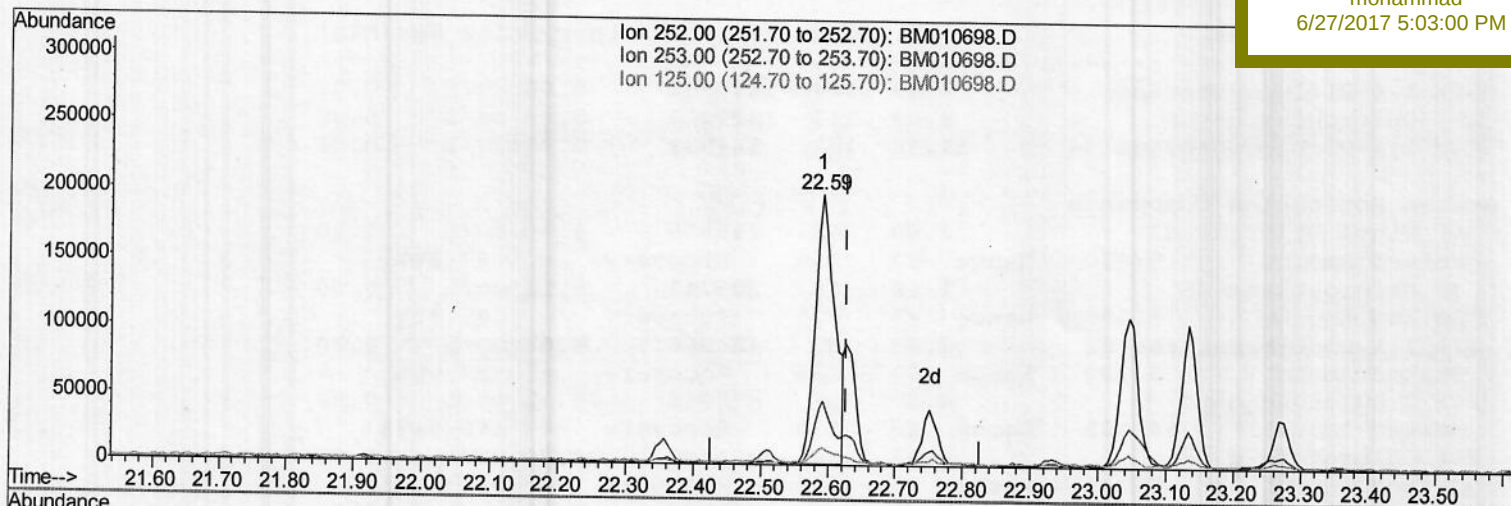
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(86) Benzo(k)fluoranthene

22.592min (-0.035) 15.47ng/ul

response 403387

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.63
125.00	4.30	6.29#
0.00	0.00	0.00

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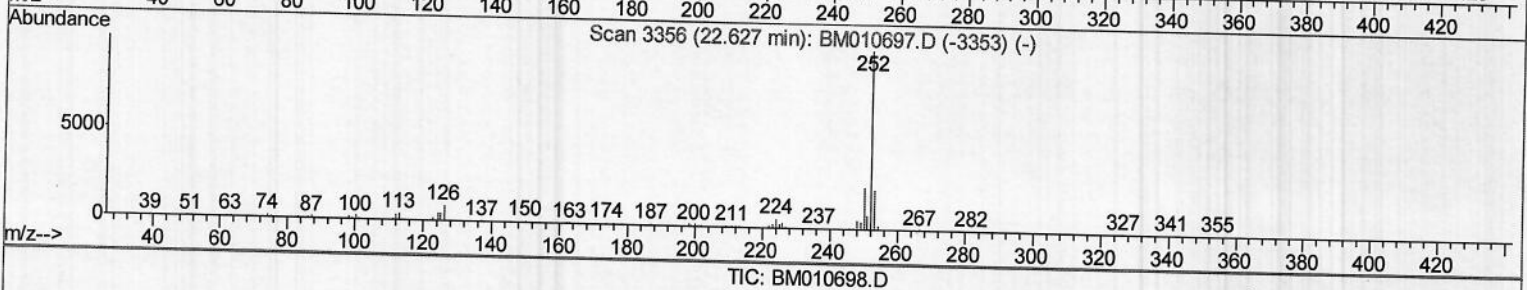
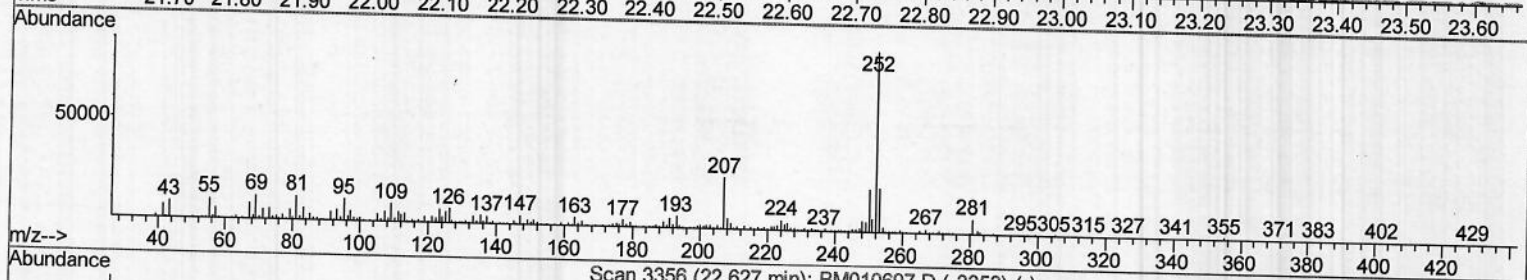
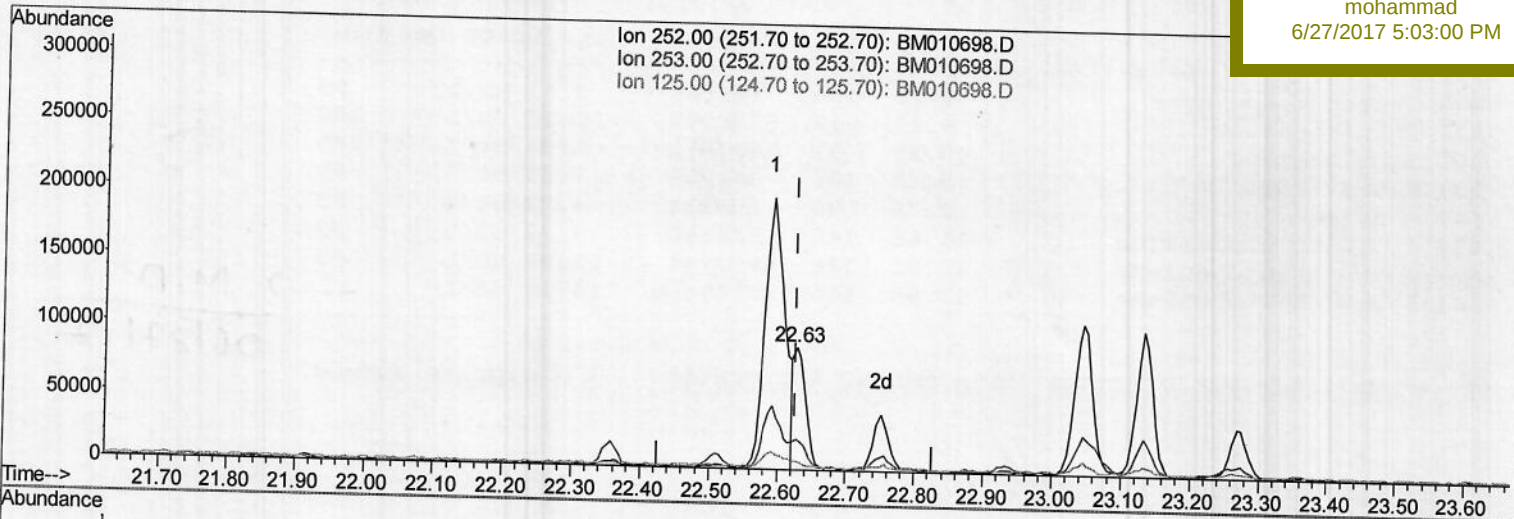
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TIC: BM010698.D

(86) Benzo(k)fluoranthene

22.627min (+0.000) 3.96ng/ul m

response 103364

Ion Exp% Act%

252.00	100	100
253.00	21.40	25.01
125.00	4.30	6.63#
0.00	0.00	0.00

> 5.1
 06/29/17

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 Sample : I3625-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 24 04:56:41 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	71150	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	327603	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	220250	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	507920	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	562648	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	423712	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	6370	5.13	ng/uL	0.00
5) Phenol-d5	6.65	99	168275	24.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	100303	25.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	132551	27.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	159556	28.39	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	76779	32.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	91764	34.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	178594	31.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	175099	29.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	605436	31.31	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	719790	32.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	92909	27.31	ng/ul	0.00
57) Fluorene-d10	15.12	176	526686	31.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	97953	31.40	ng/ul	0.00
70) Anthracene-d10	16.97	188	851083m	34.70	ng/ul	0.00
76) Pyrene-d10	19.28	212	1138744	43.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.10	264	880855	43.01	ng/ul	0.01

> 5.5
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Target Compounds

					Qvalue	
6) Phenol	6.67	94	11330	1.623	ng/ul	90
44) Dimethylphthalate	13.58	163	83676	4.415	ng/ul#	96
47) Acenaphthylene	13.83	152	43581	2.035	ng/ul	98
69) Phenanthrene	16.91	178	42802m	1.585	ng/ul	
71) Anthracene	17.00	178	83336	2.996	ng/ul	98
72) Carbazole	17.27	167	34963	1.441	ng/ul#	95
73) Di-n-butylphthalate	17.86	149	74444	2.412	ng/ul	97
74) Fluoranthene	18.94	202	187583	5.390	ng/ul#	97
77) Pyrene	19.30	202	191935	5.906	ng/ul	98
80) Benzo(a)anthracene	21.07	228	161635m	4.933	ng/ul	
82) Chrysene	21.12	228	198483	6.794	ng/ul	96
85) Benzo(b)fluoranthene	22.59	252	403387	14.666	ng/ul#	97
86) Benzo(k)fluoranthene	22.63	252	103364m	3.964	ng/ul	
88) Benzo(a)pyrene	23.13	252	174586	6.895	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	25.34	276	182596	6.953	ng/ul	97
90) Dibenzo(a,h)anthracene	25.34	278	47377	2.165	ng/ul#	81
91) Benzo(g,h,i)perylene	25.98	276	176350	8.436	ng/ul#	97

5.5
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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