

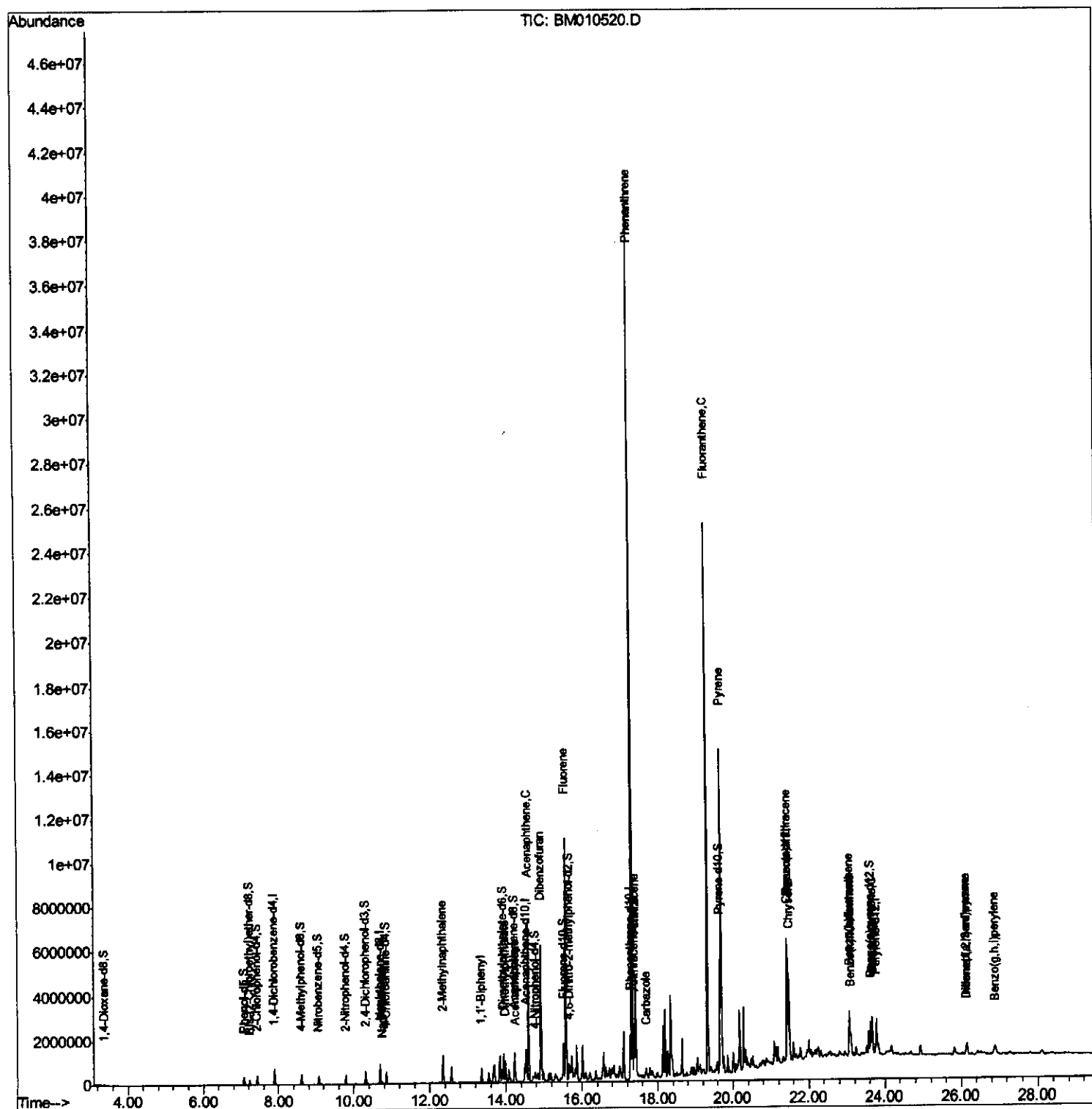
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010520.D
Acq On : 11 Jun 2017 11:58
Operator : SJ/MA
Sample : I3522-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5D32

Manual Integrations
APPROVED

mohammad
6/12/2017 3:41:36 PM

Quant Time: Jun 12 10:00:39 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 09:00:46 2017
Response via : Initial Calibration



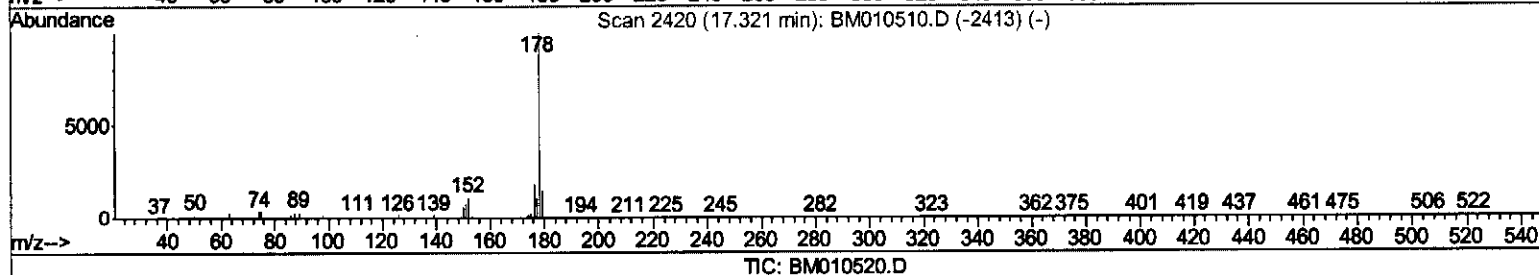
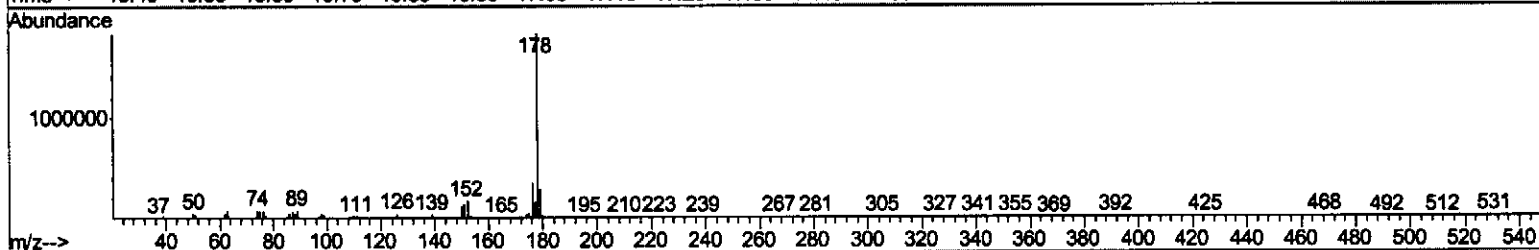
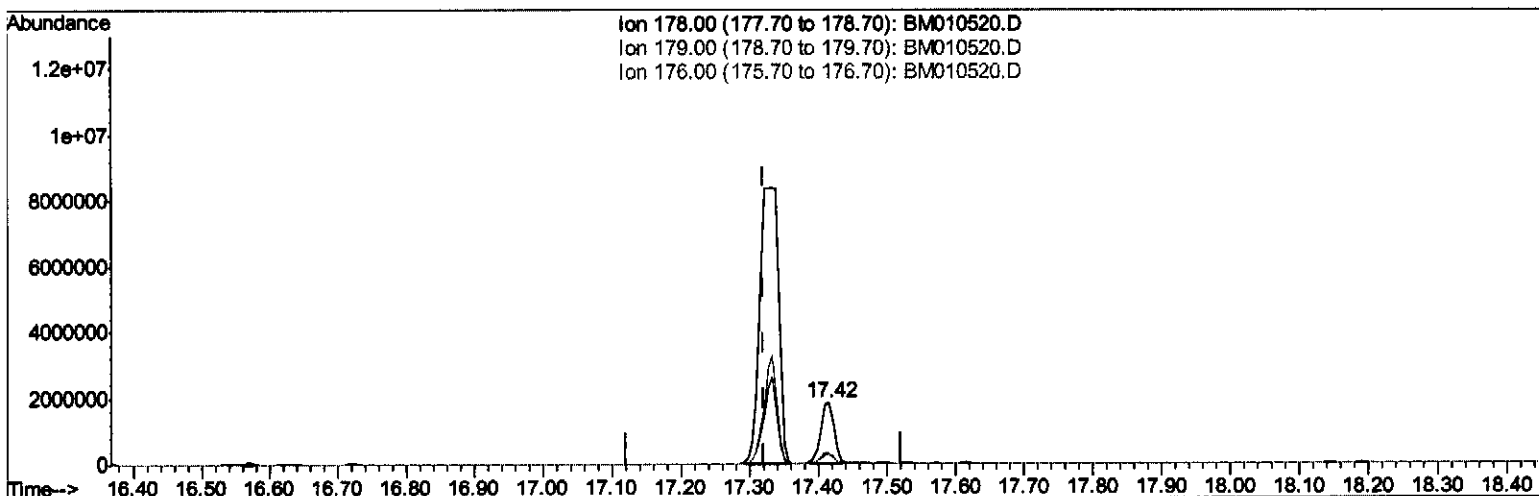
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(69) Phenanthrene

17.415min (+0.094) 42.16ng/ul

response 2454270

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	15.85
176.00	18.60	19.04
0.00	0.00	0.00

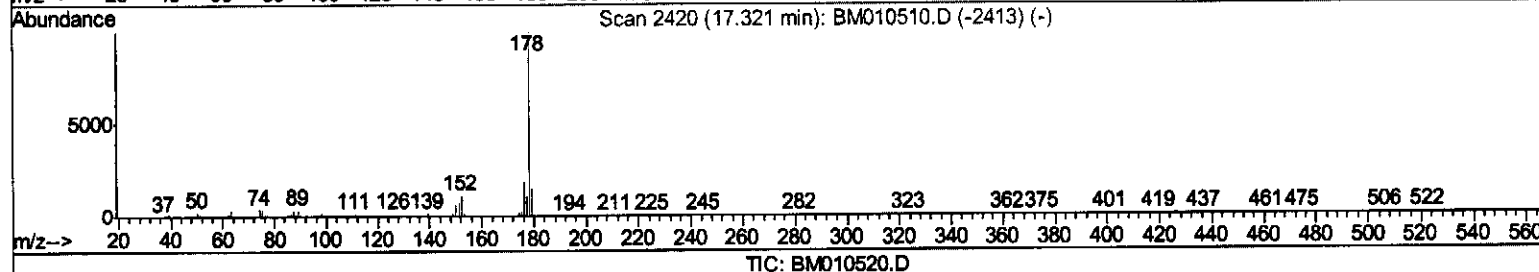
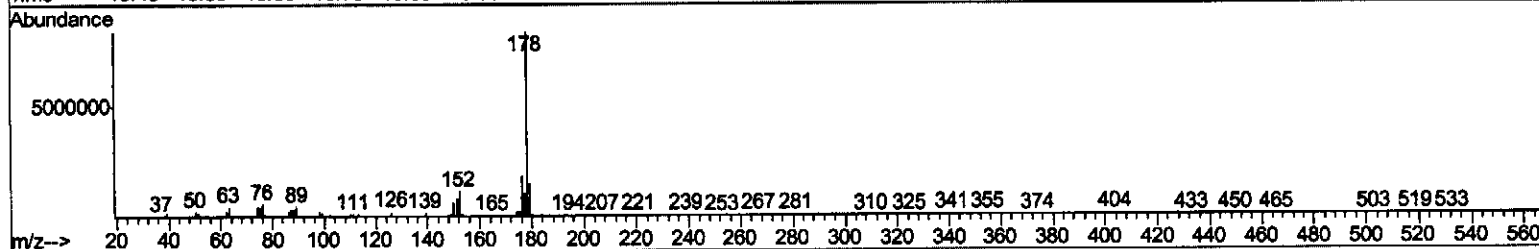
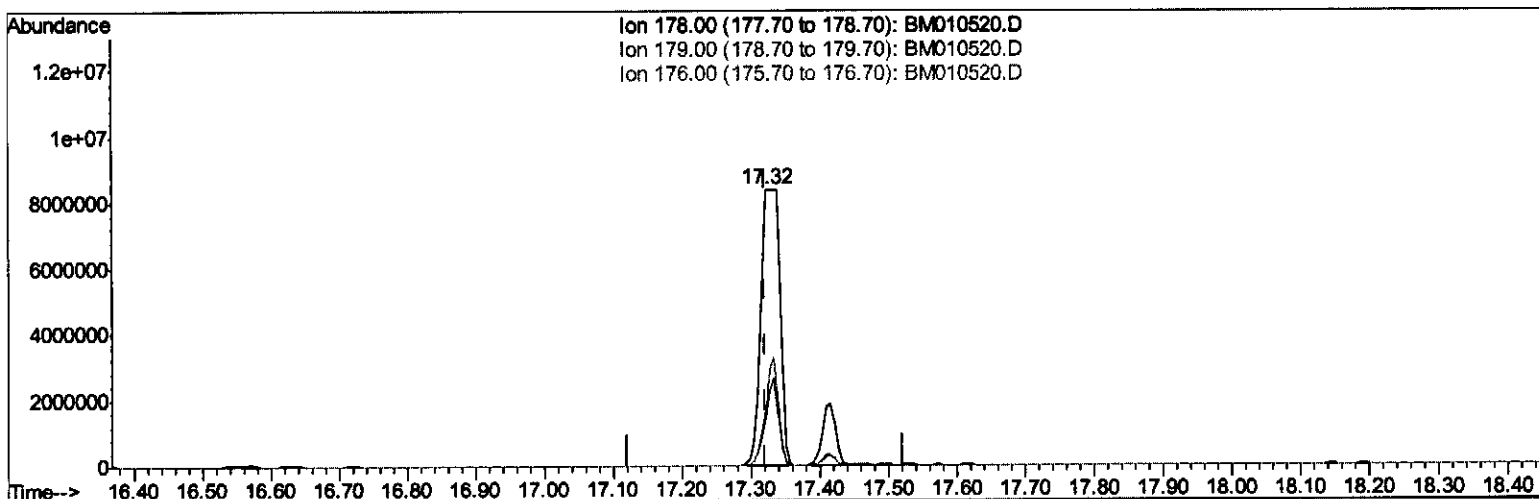
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(69) Phenanthrene

17.321min (0.000) 275.12ng/ul m 5506119/17

response 16016420

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	18.16
176.00	18.60	21.89
0.00	0.00	0.00

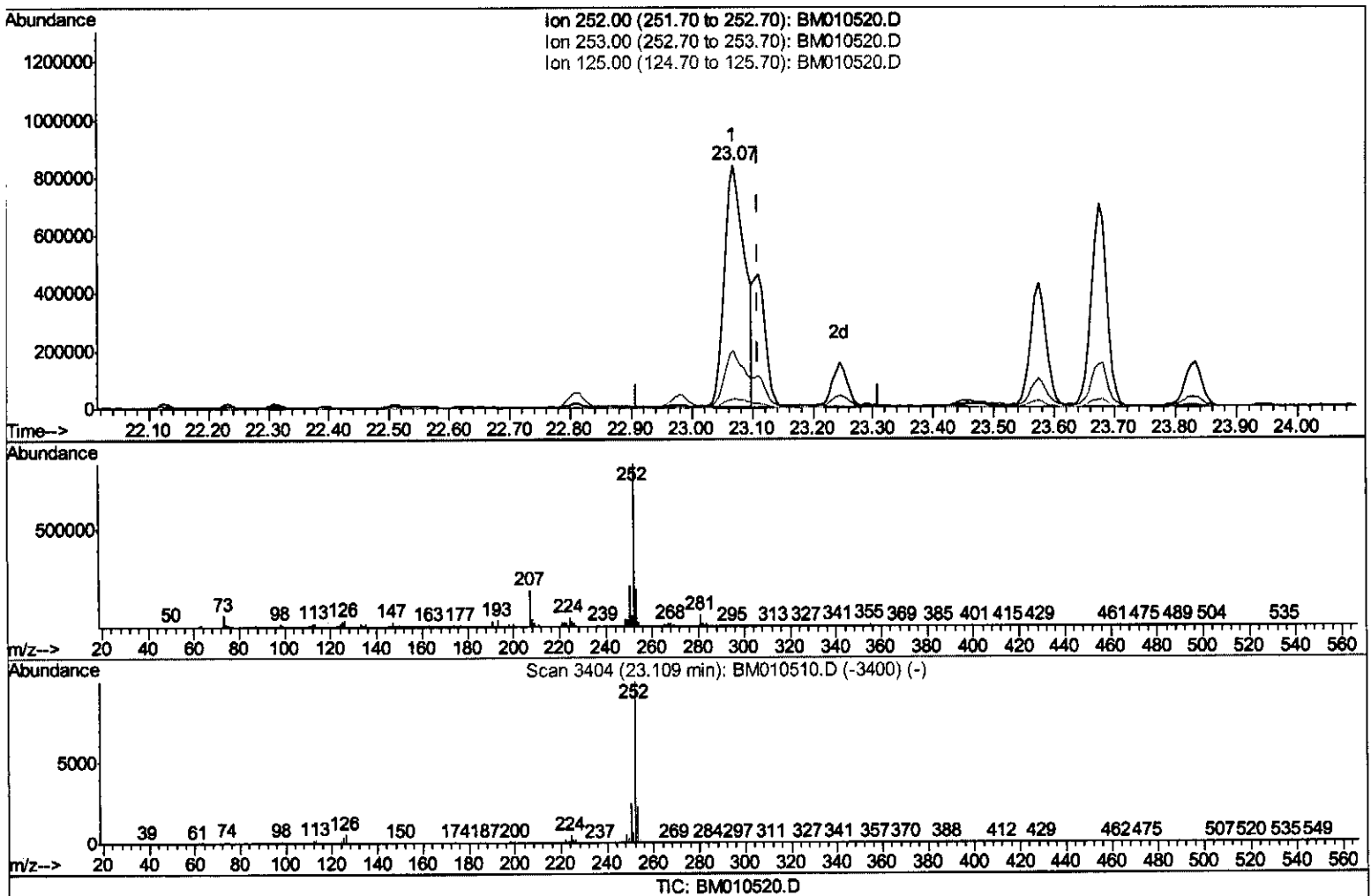
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(86) Benzo(k)fluoranthene

23.068min (-0.041) 28.57ng/ul

response 1975123

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.47
125.00	4.30	3.54
0.00	0.00	0.00

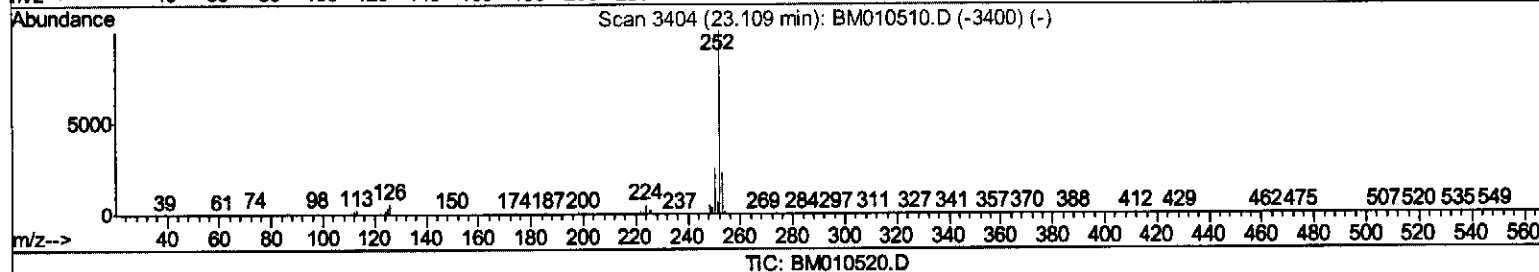
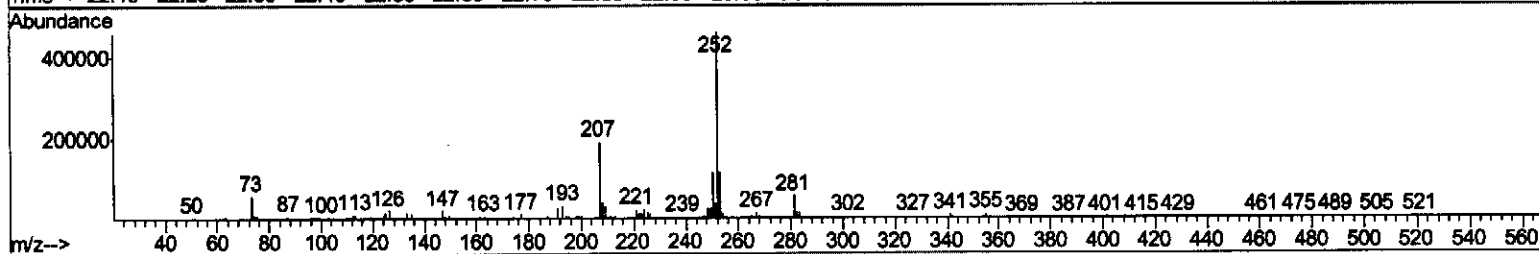
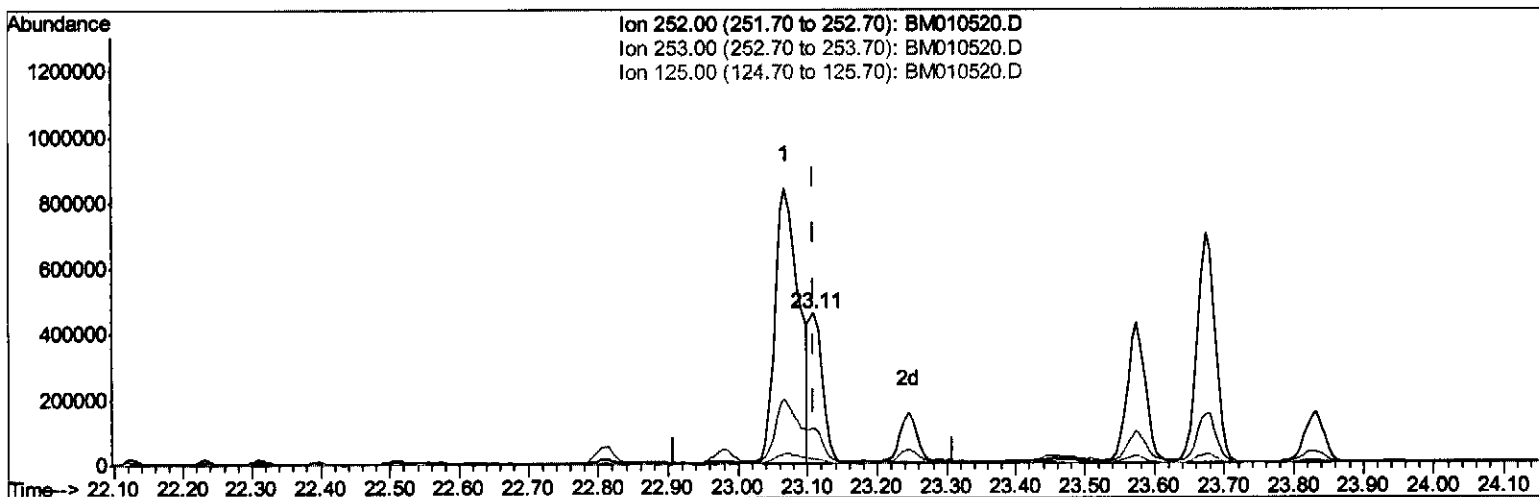
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Misc :
ALS Vial : 45 Sample Multiplier: 1

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

23.109min (0.000) 9.33ng/ul m

response 644894

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.44
125.00	4.30	3.63
0.00	0.00	0.00

SS 06/12/17

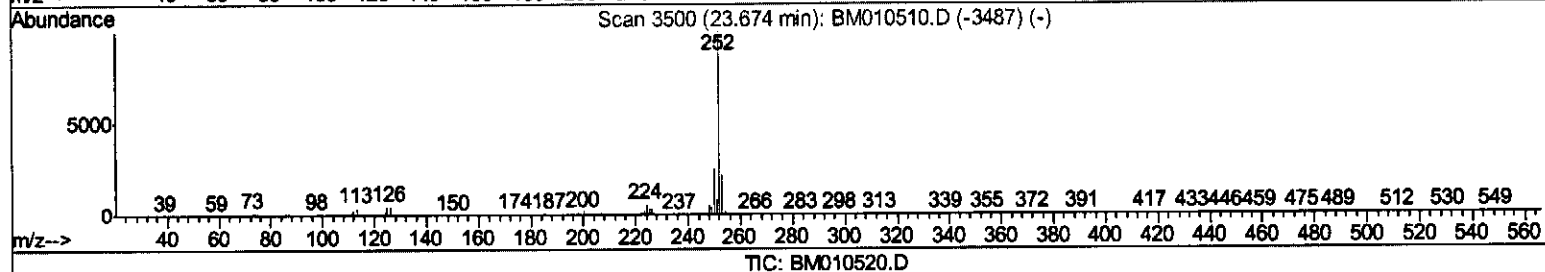
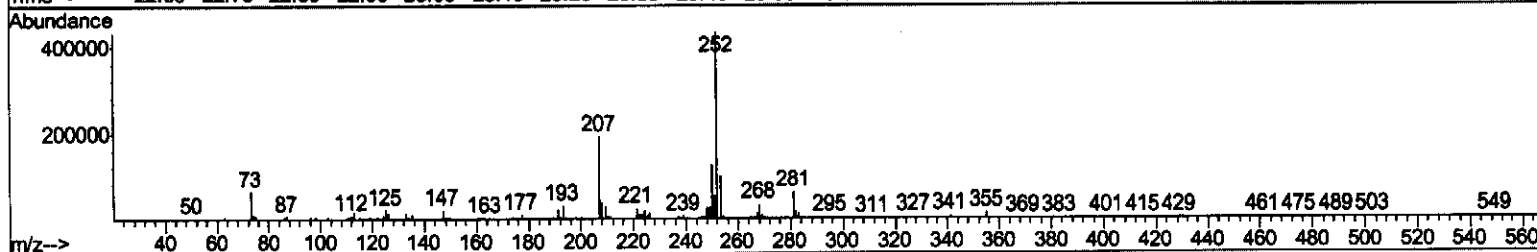
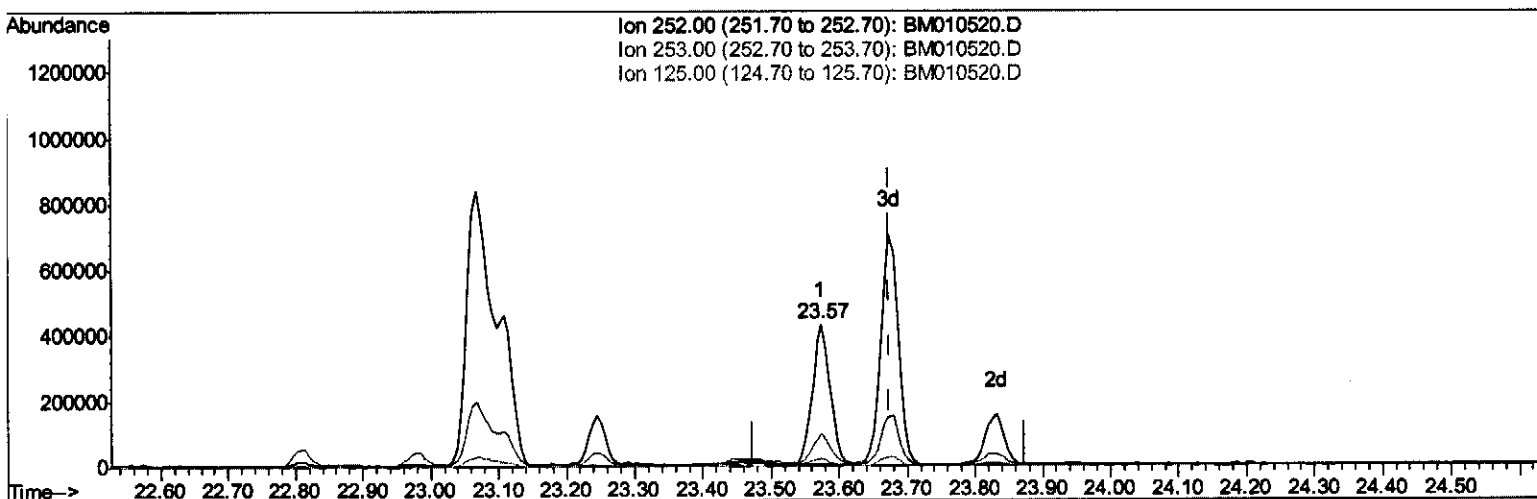
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Sample : I3522-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5D32

Manual Integrations
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Response via : Initial Calibration



(88) Benzo(a)pyrene (C)

23.574min (-0.100) 10.77ng/ul

response 772479

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	22.57
125.00	5.00	5.49
0.00	0.00	0.00

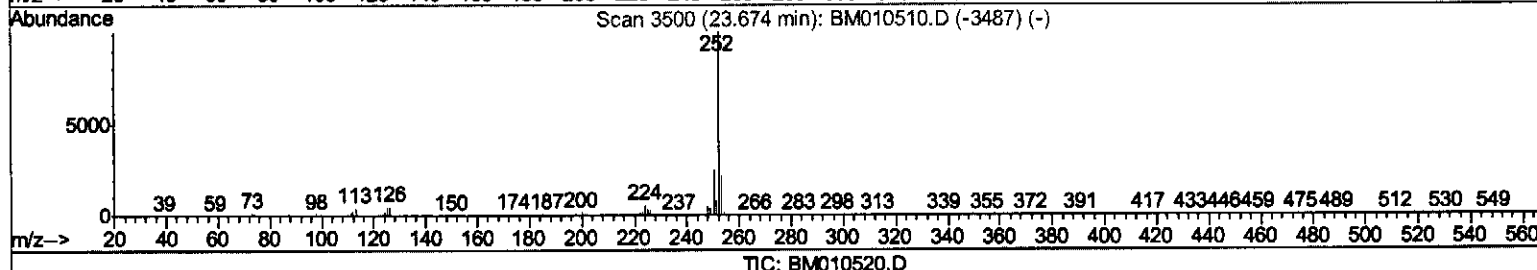
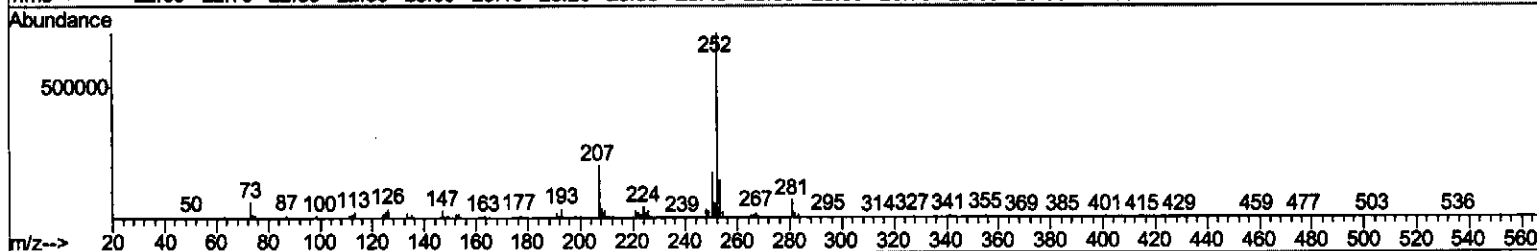
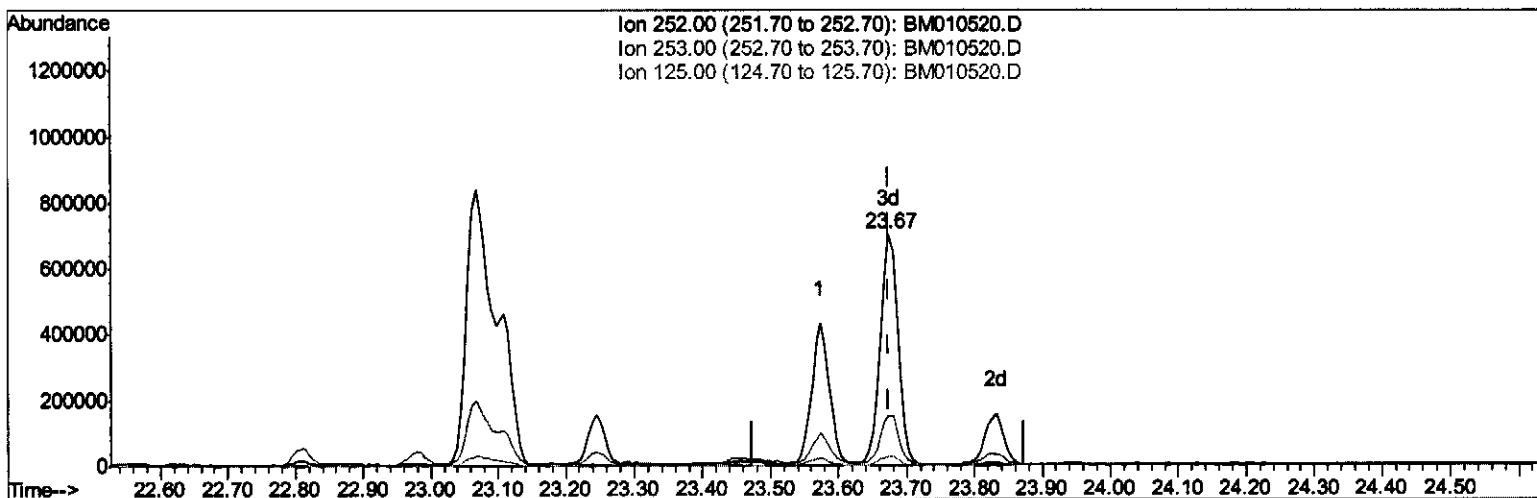
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Operator : SJ/MA
Sample : I3522-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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TIC: BM010520.D

(88) Benzo(a)pyrene (C)

23.674min (0.000) 17.84ng/ul m 55 06/19/17

response 1279624

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	20.93
125.00	5.00	3.67#
0.00	0.00	0.00

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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	150606	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	580330	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	428785	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	1090498	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1334164	20.00	ng/ul	0.00
83) Perylene-d12	23.78	264	1243812	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	8601	2.34	ng/uL	0.01
5) Phenol-d5	7.07	99	159572	13.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	94171	14.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	140172	15.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	139250	15.12	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	69279	16.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	87606	17.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	177006	17.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	191778	19.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	677991	19.03	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	704535	16.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	74720	14.02	ng/ul	0.00
57) Fluorene-d10	15.52	176	589524	18.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	105457	13.65	ng/ul	0.00
70) Anthracene-d10	17.38	188	974094	18.36	ng/ul	0.00
76) Pyrene-d10	19.67	212	1167559	21.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1023470	17.67	ng/ul	0.00

Target Compounds

					Qvalue
28) Naphthalene	10.75	128	54542	1.874 ng/ul#	97
34) 2-Methylnaphthalene	12.34	142	489568	22.183 ng/ul	97
40) 1,1'-Biphenyl	13.36	154	277789	7.986 ng/ul	100
44) Dimethylphthalate	13.99	163	516234	14.734 ng/ul	97
47) Acenaphthylene	14.25	152	82189	2.024 ng/ul#	85
49) Acenaphthene	14.60	153	2535581	89.019 ng/ul	99
53) Dibenzofuran	14.93	168	3292615	78.176 ng/ul	93
58) Fluorene	15.58	166	3869267	111.995 ng/ul	97
69) Phenanthrene	17.32	178	16016420m	275.118 ng/ul	97
71) Anthracene	17.42	178	2454270	40.382 ng/ul	98
72) Carbazole	17.70	167	84727	1.647 ng/ul#	83
74) Fluoranthene	19.33	202	12298420	171.790 ng/ul#	97
77) Pyrene	19.70	202	8472991	123.243 ng/ul#	96
80) Benzo(a)anthracene	21.43	228	2778279	36.928 ng/ul	98
82) Chrysene	21.48	228	2154979	31.686 ng/ul	97
85) Benzo(b)fluoranthene	23.07	252	1975123	27.290 ng/ul#	98
86) Benzo(k)fluoranthene	23.11	252	644894m	9.327 ng/ul	97
88) Benzo(a)pyrene	23.67	252	1279624m	17.837 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.16	276	522599	5.766 ng/ul	98
90) Dibenzo(a,h)anthracene	26.16	278	161137	2.064 ng/ul#	85
91) Benzo(g,h,i)perylene	26.89	276	350615	4.696 ng/ul#	90

ST 06/19/17

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

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