

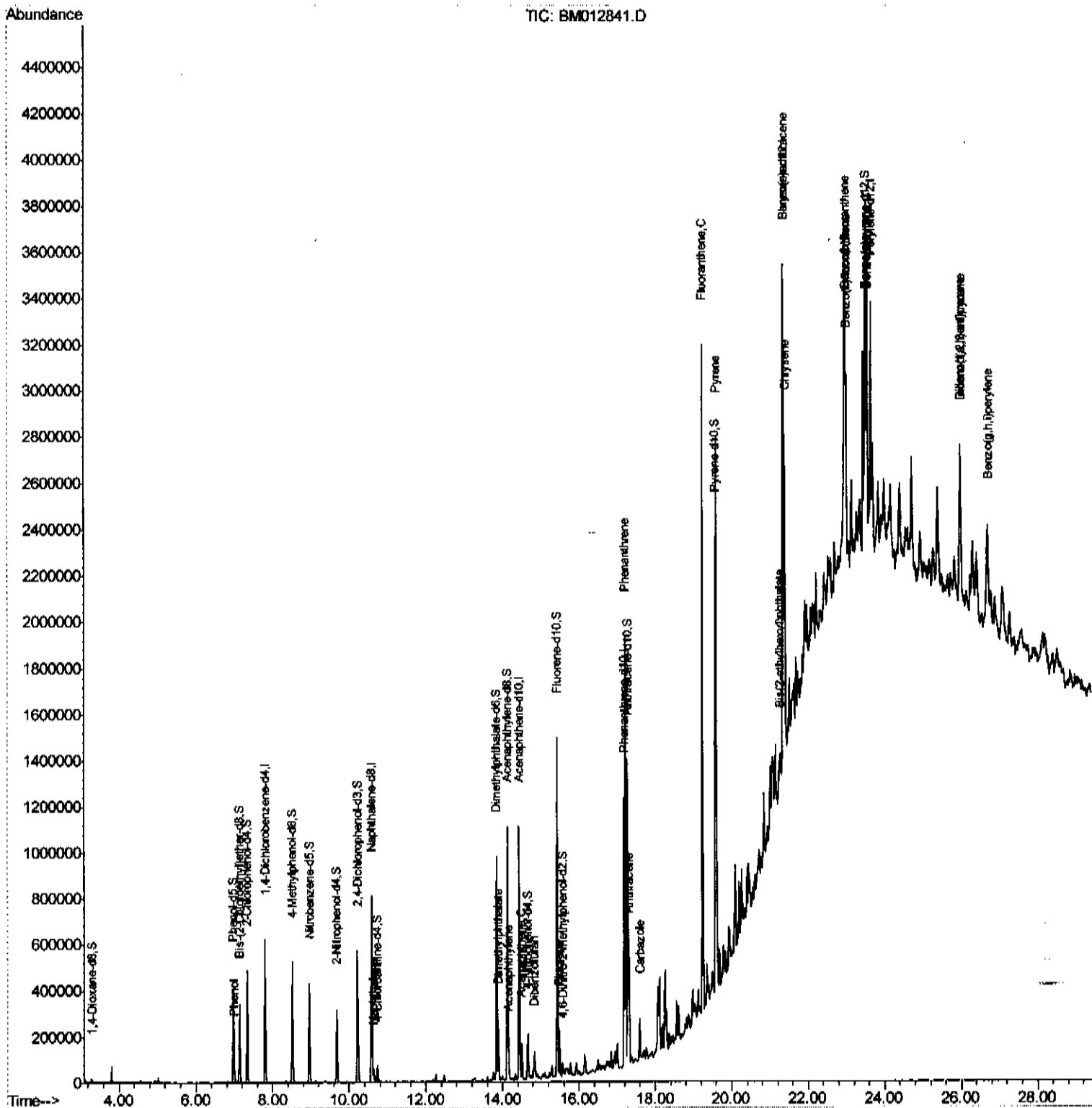
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012841.D
 Acq On : 09 Nov 2017 03:41
 Operator : SJ/JU
 Sample : I5955-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-14(0-1)-101717

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:49:01 PM

Quant Time: Nov 09 06:07:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
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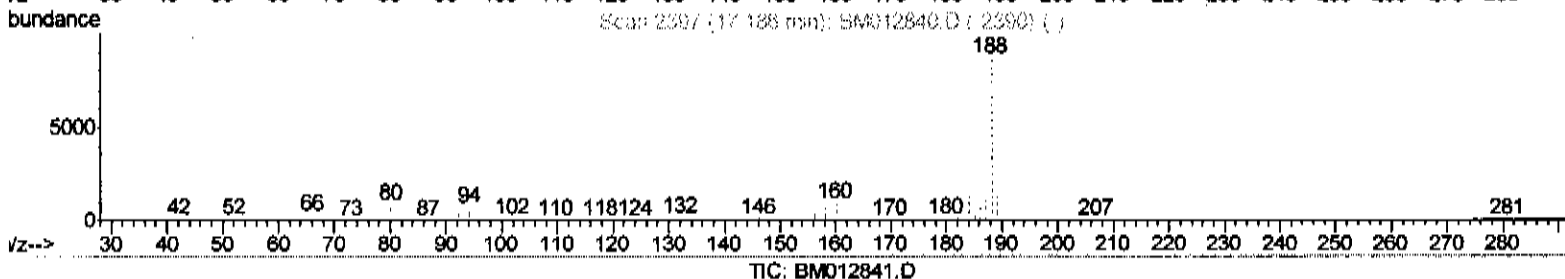
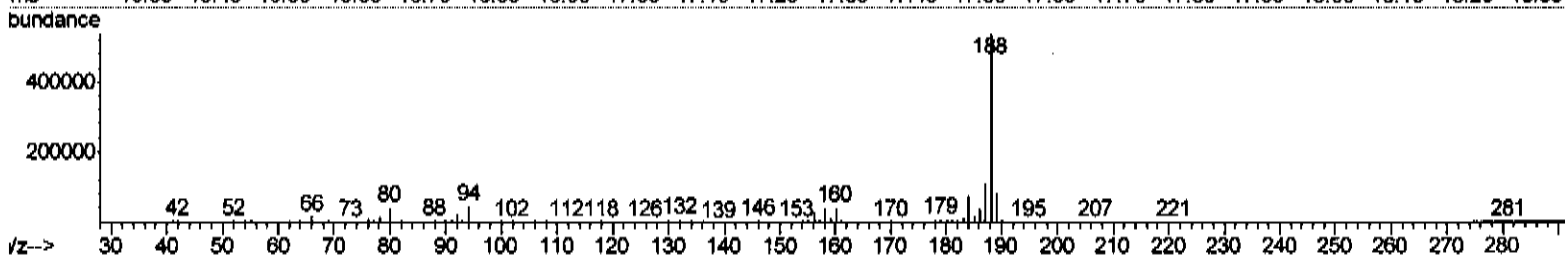
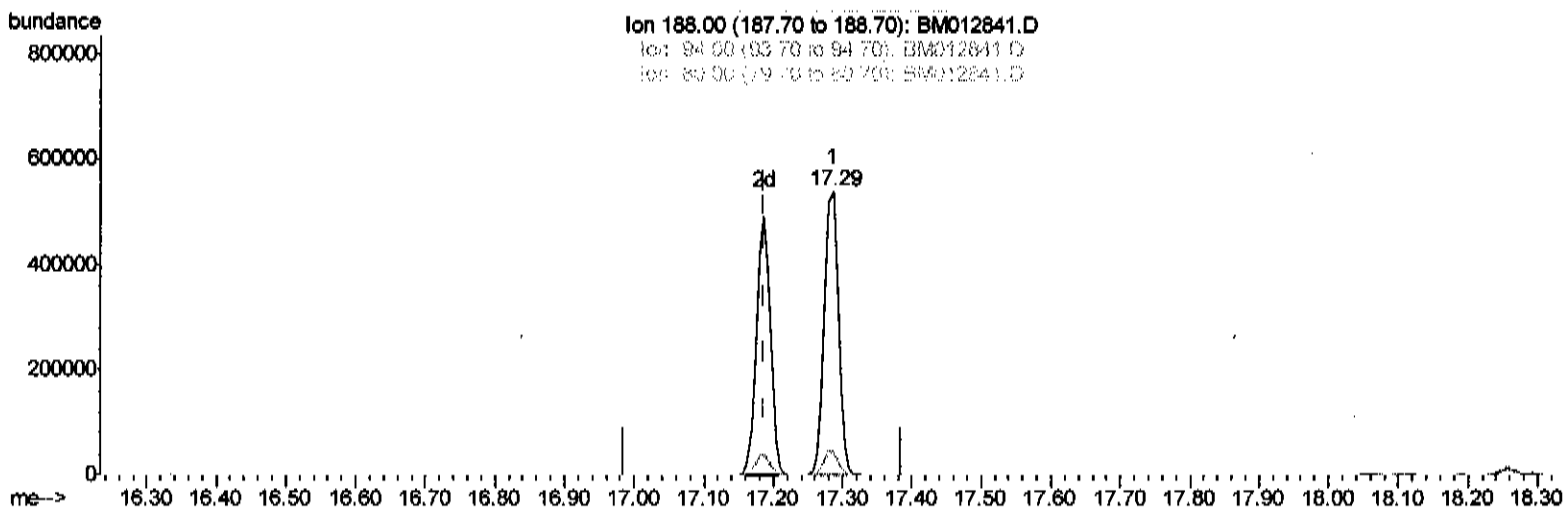
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(61) Phenanthrene-d10 (I)

17.286min (+0.100) 20.00ng/ul

response 772572

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	8.34
80.00	9.70	7.80
0.00	0.00	0.00

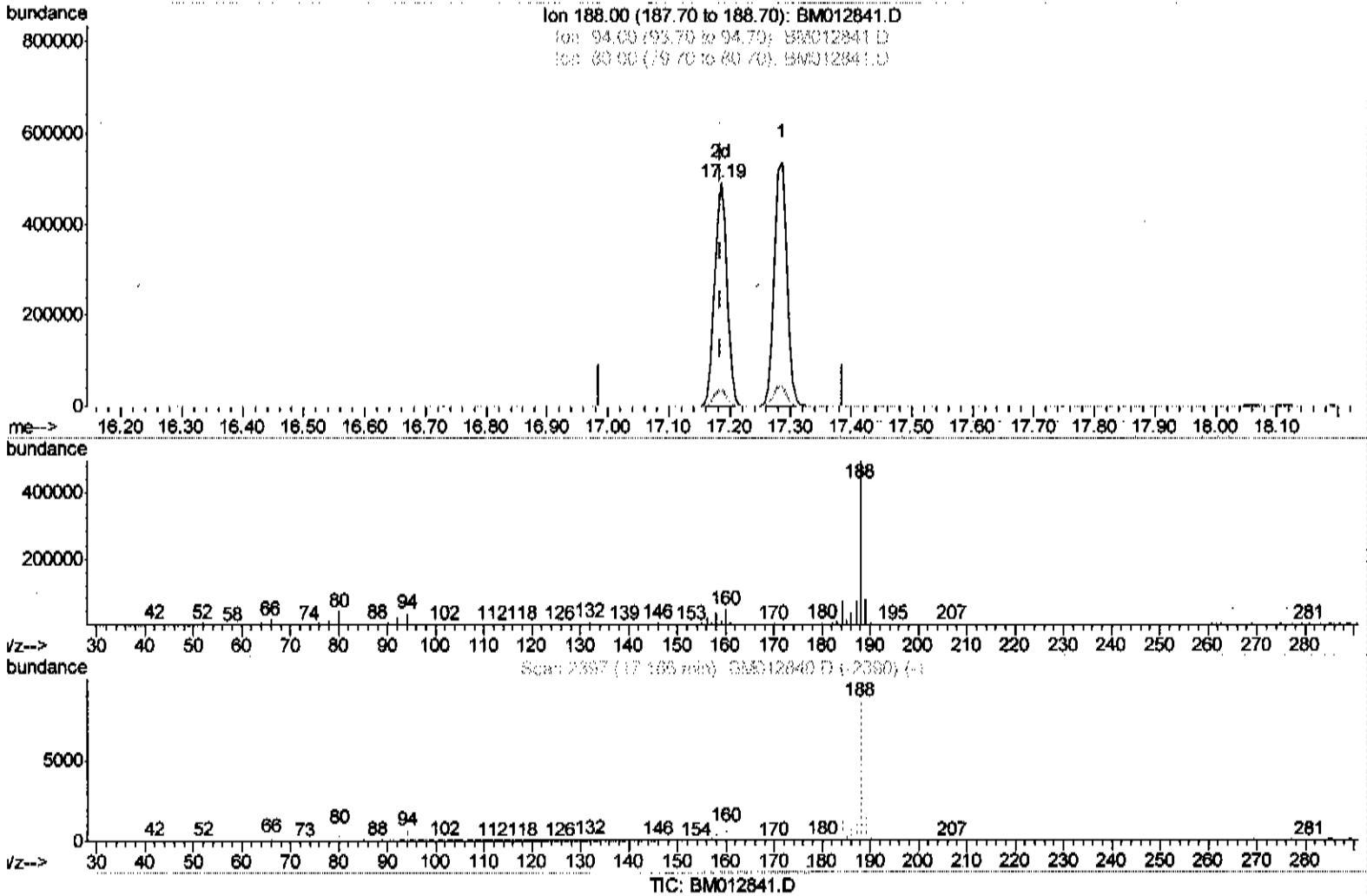
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(61) Phenanthrene-d10 (I)

17.186min (+0.000) 20.00ng/ul m

response 694490

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	7.13#
80.00	9.70	8.07
0.00	0.00	0.00

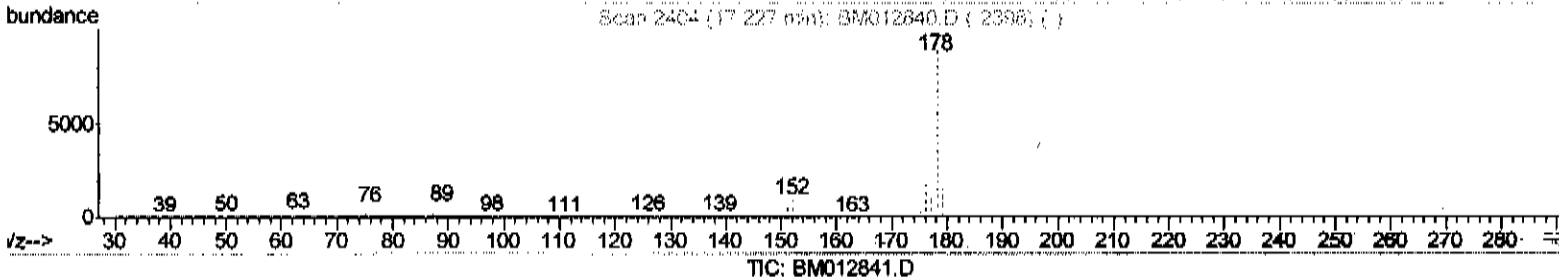
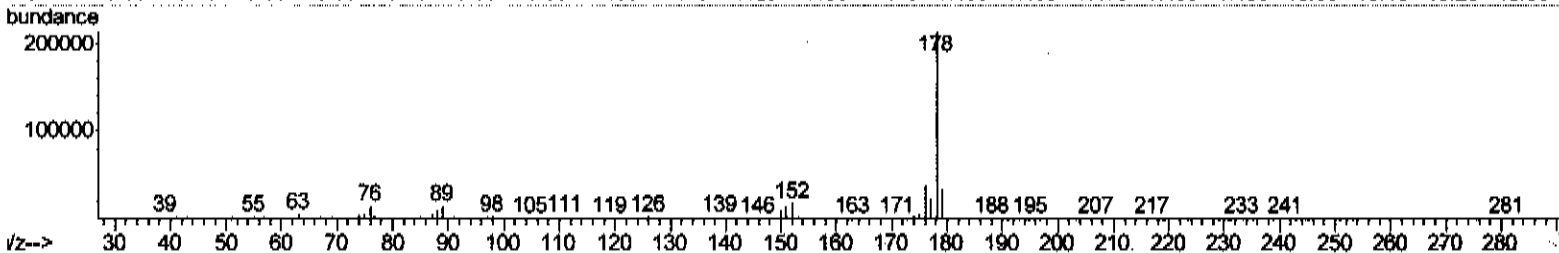
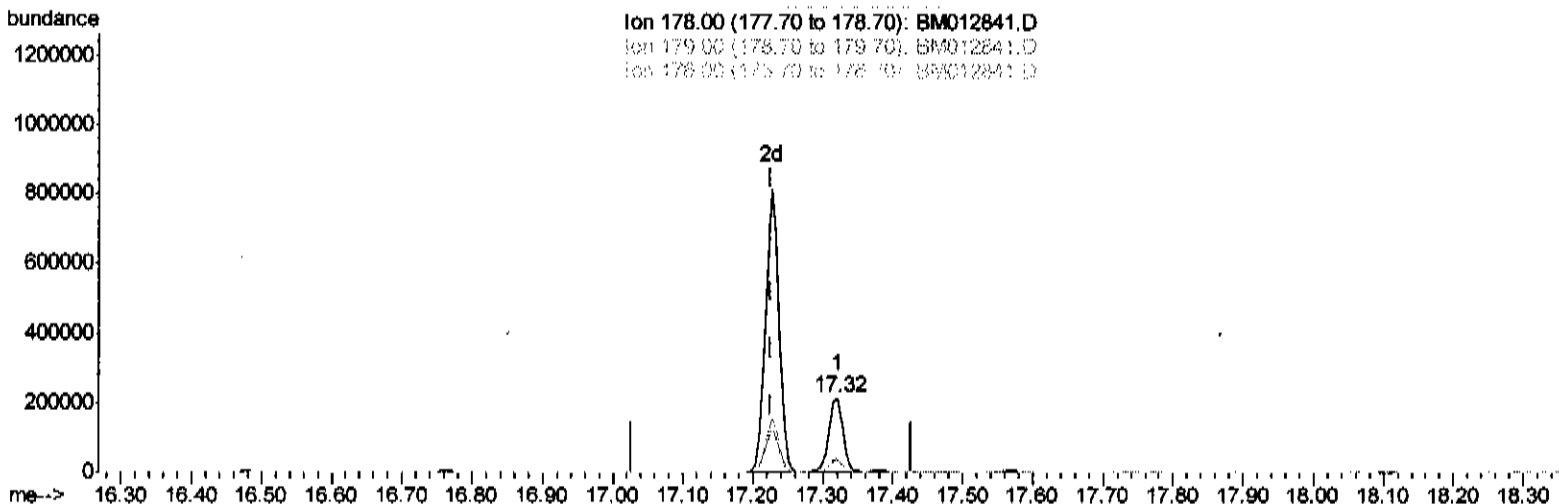
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(69) Phenanthrene

17.321min (+0.094) 7.76ng/ul

response 294632

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.43
176.00	19.50	17.44
0.00	0.00	0.00

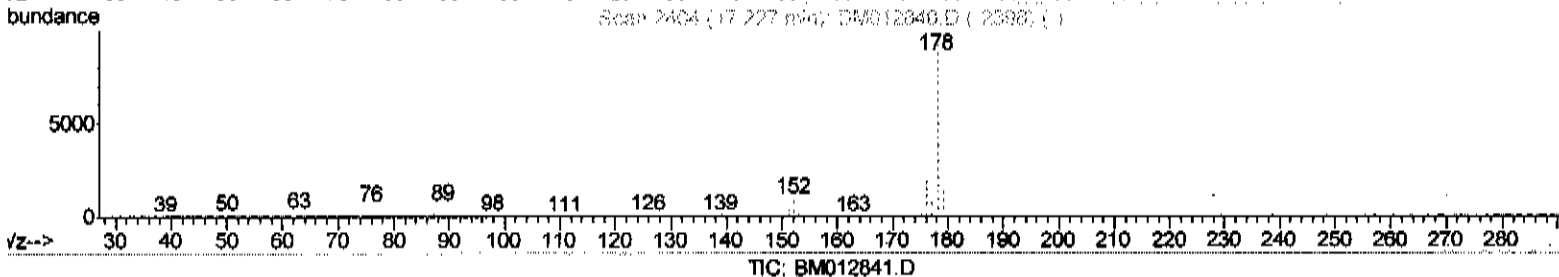
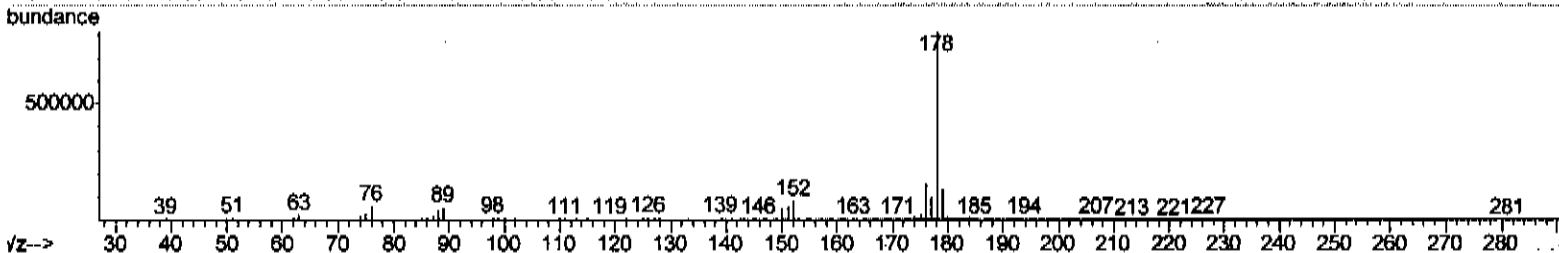
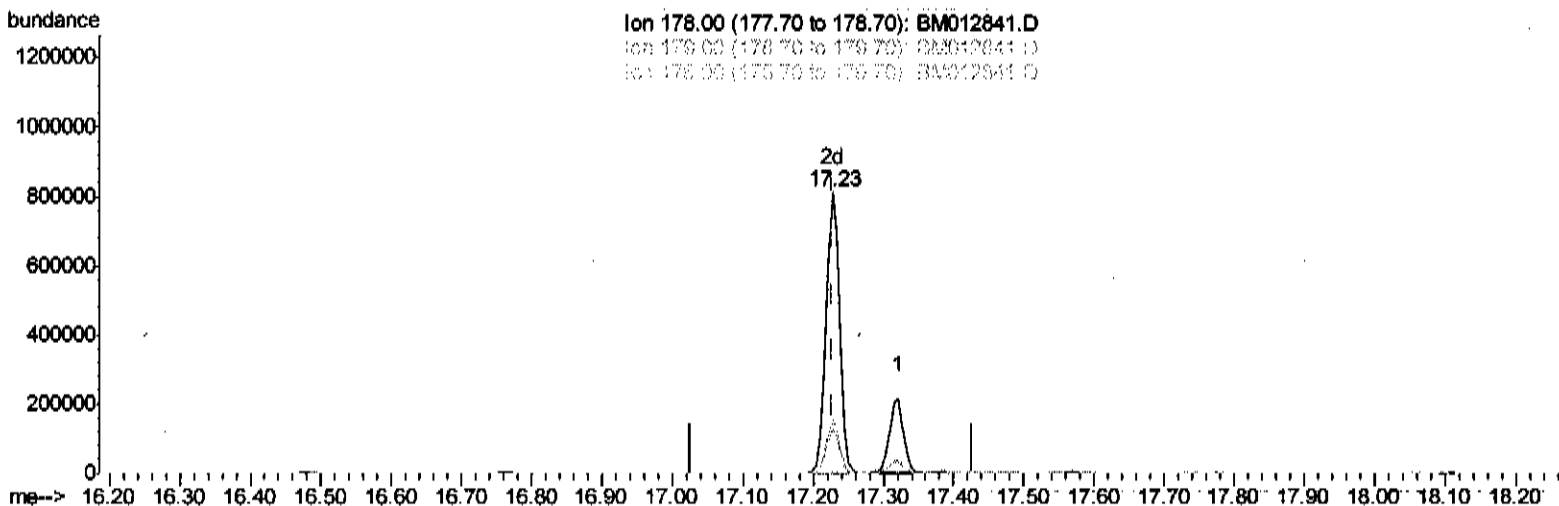
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(69) Phenanthrene

17.227min (+0.000) 28.42ng/ul m

95 11/13/17

response 1078883

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.63
176.00	19.50	19.09
0.00	0.00	0.00

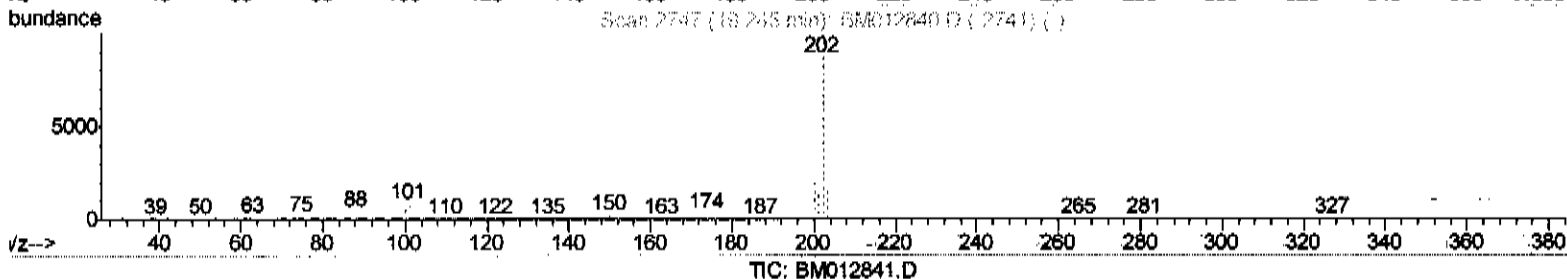
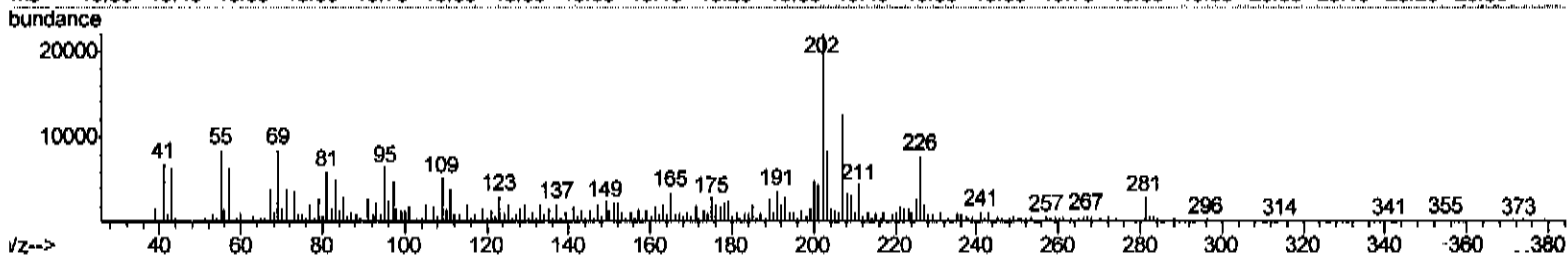
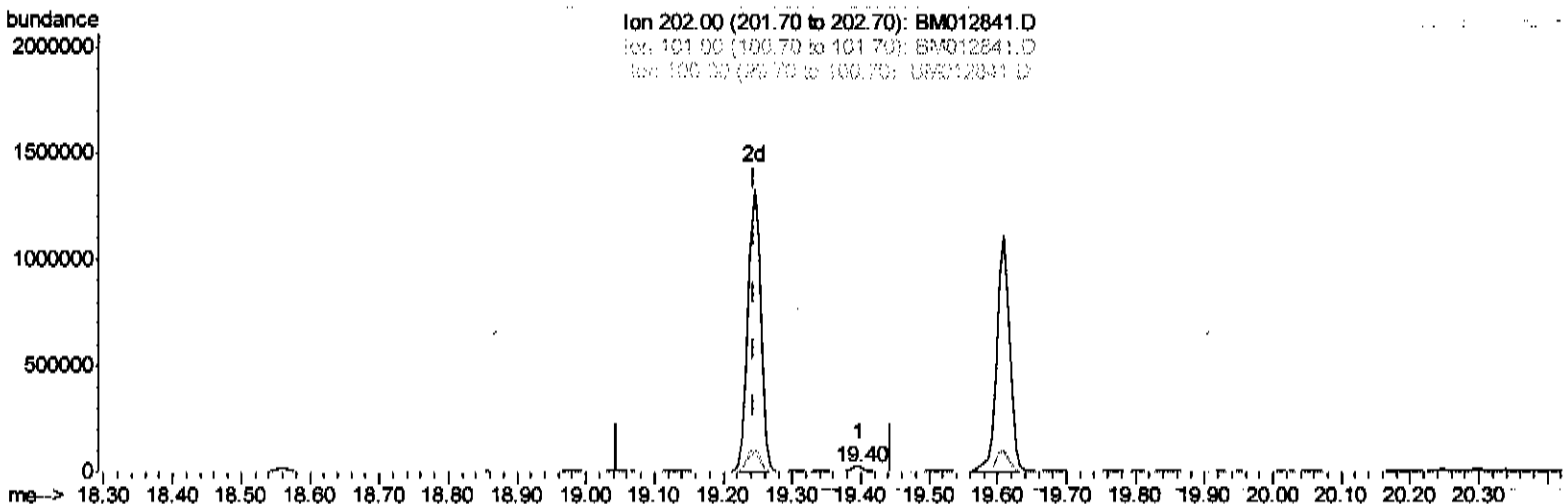
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(76) Fluoranthene (C)

19.398min (+0.153) 0.65ng/ui

response 29526

Ion	Exp%	Act%
202.00	100	100
101.00	11.00	8.97
100.00	8.20	6.92
0.00	0.00	0.00

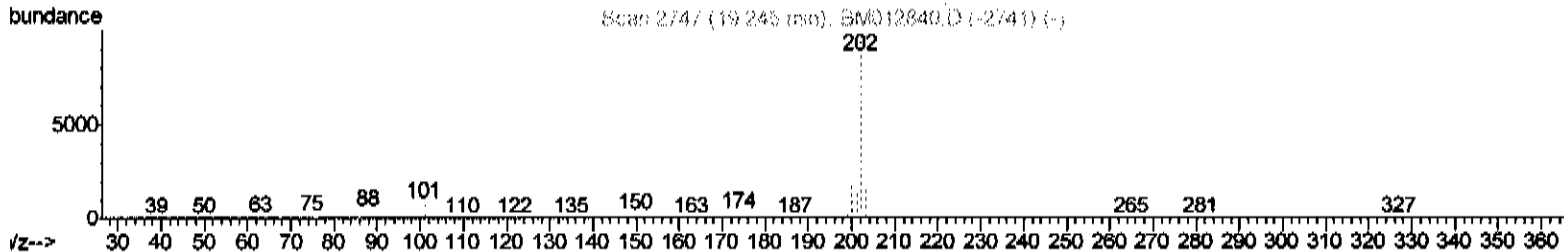
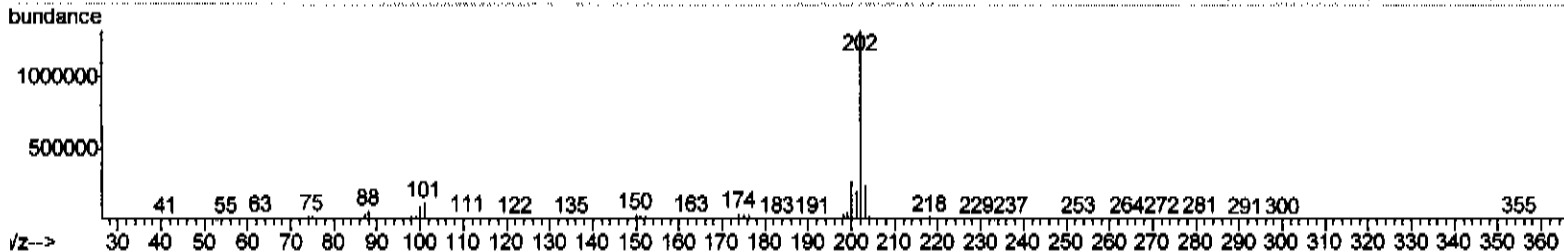
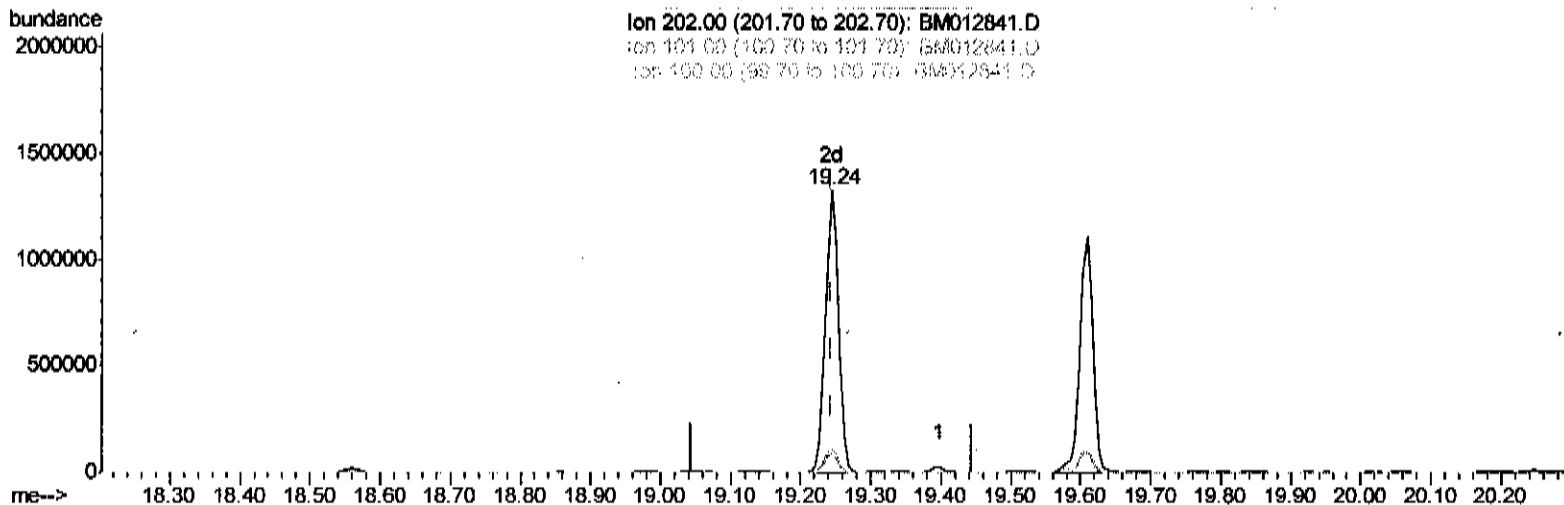
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012841.D
 Acq On : 09 Nov 2017 03:41
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 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Sohil
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TIC: BM012841.D

(76) Fluoranthene (C)

19.245min (+0.000) 37.45ng/ul m

30 11/13/17

response 1708283

Ion	Exp%	Act%
202.00	100	100
101.00	11.00	8.27#
100.00	8.20	6.61
0.00	0.00	0.00

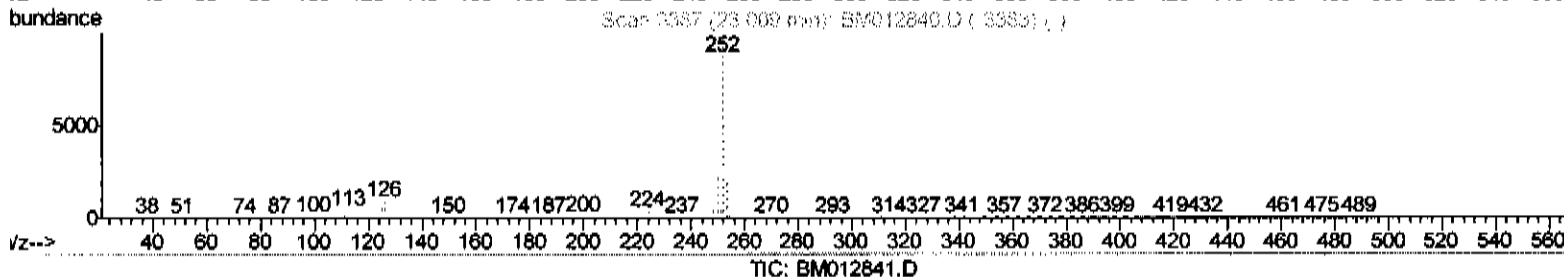
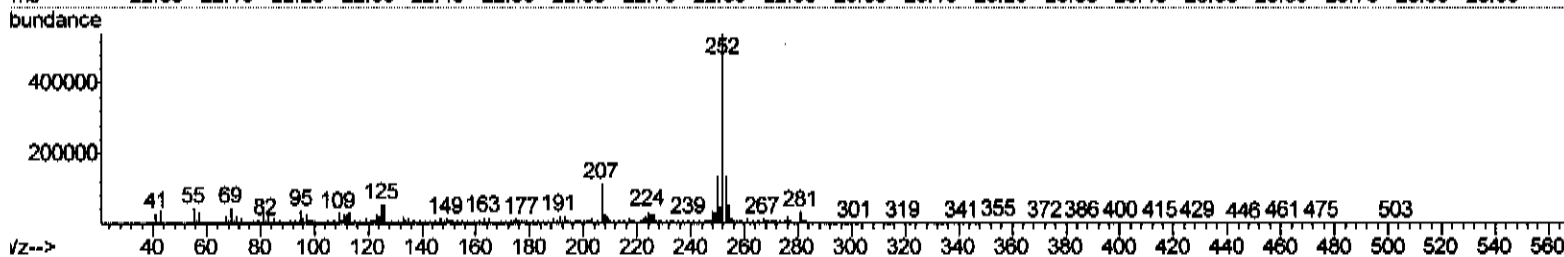
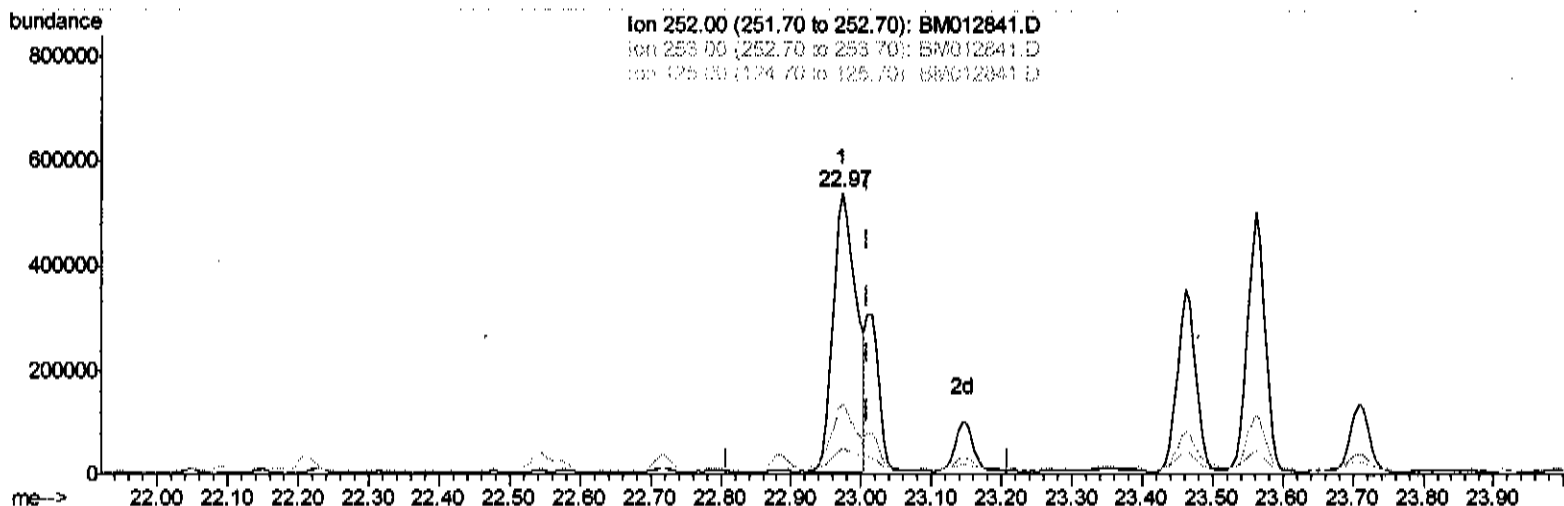
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(88) Benzo(k)fluoranthene

22.974min (-0.035) 26.20ng/ul

response 1256946

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	25.28
125.00	10.20	9.72
0.00	0.00	0.00

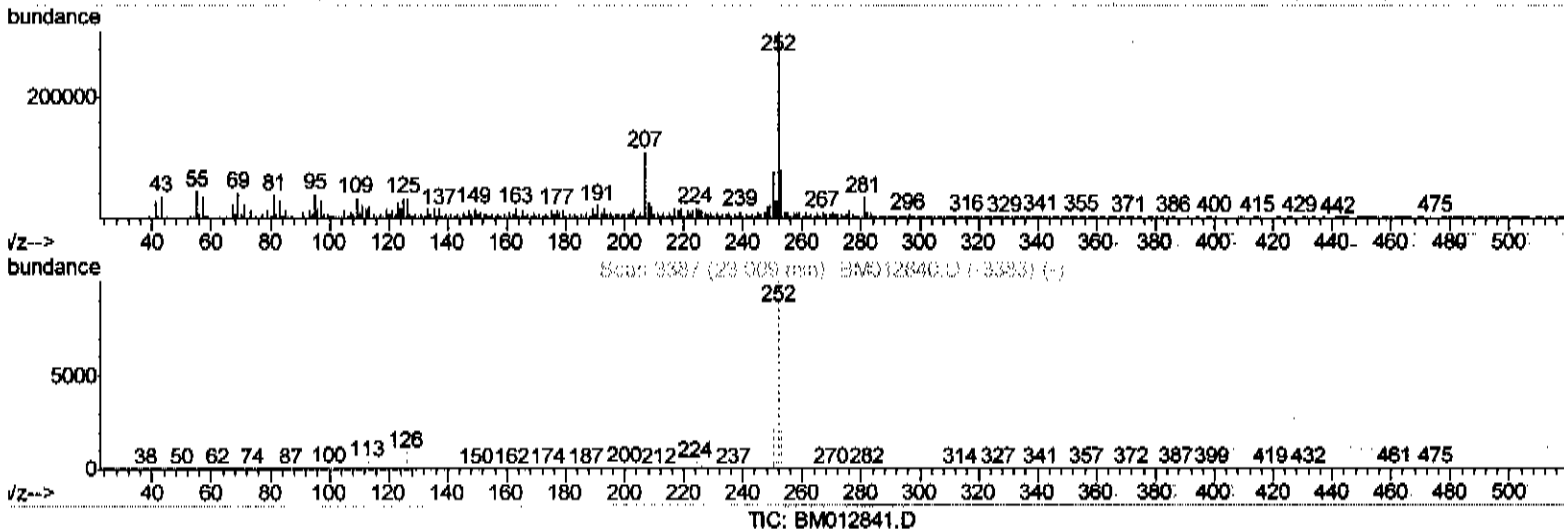
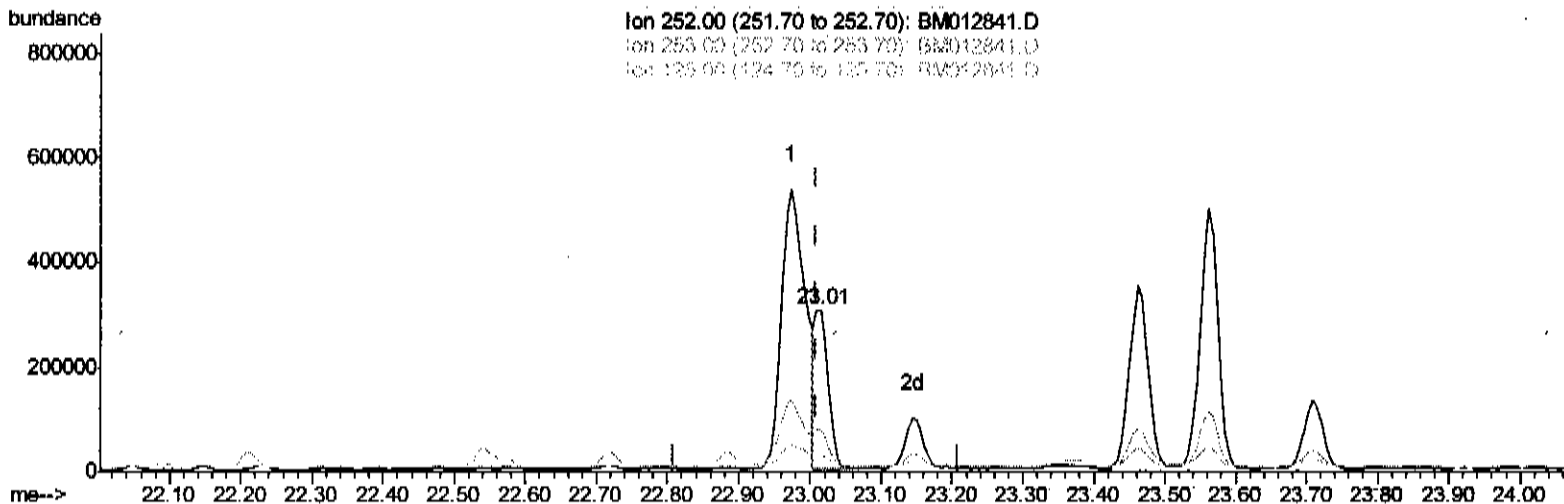
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 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

23.015min (+0.006) 8.08ng/ul m

SJ 11/13/17

response 387347

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	25.82
125.00	10.20	10.80
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	173614	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	683143	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	364043	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	694490m	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	720233	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	825768	20.00	ng/ul	0.01

- SJ 11/13/17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.29	96	7752	2.41	ng/uL	0.00
5) Phenol-d5	6.97	99	252921	19.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	141771	20.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	225583	20.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	205538	18.43	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	108187	21.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	114536	19.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	236153	19.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	46686	4.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	672602	22.33	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	826837	22.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	56951	11.80	ng/ul	0.00
57) Fluorene-d10	15.43	176	556978	21.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	12024	2.62	ng/ul	0.00
70) Anthracene-d10	17.29	188	772107	23.01	ng/ul	0.00
78) Pyrene-d10	19.58	212	781294	23.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	932664	23.89	ng/ul	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.00	94	23881	1.80	ng/ul	96
28) Naphthalene	10.64	128	49227	1.44	ng/ul	97
44) Dimethylphthalate	13.89	163	137907	4.61	ng/ul#	99
47) Acenaphthylene	14.16	152	56913	1.58	ng/ul	98
49) Acenaphthene	14.50	153	68479	2.78	ng/ul	93
53) Dibenzofuran	14.84	168	61244	1.71	ng/ul	92
58) Fluorene	15.49	166	85419	2.87	ng/ul	99
69) Phenanthrene	17.23	178	1078883m	28.42	ng/ul	99
71) Anthracene	17.32	178	293777	7.46	ng/ul	98
74) Carbazole	17.59	167	109488	3.34	ng/ul	98
76) Fluoranthene	19.24	202	1708283m	37.45	ng/ul	99
79) Pyrene	19.61	202	1448044	33.70	ng/ul#	92
82) Benzo(a)anthracene	21.36	228	885094	20.31	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.27	149	25049	1.10	ng/ul#	80
84) Chrysene	21.40	228	827455	20.95	ng/ul	96
87) Benzo(b)fluoranthene	22.97	252	1256946	24.91	ng/ul	94
88) Benzo(k)fluoranthene	23.01	252	387347m	8.08	ng/ul	99
90) Benzo(a)pyrene	23.56	252	879497	18.32	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.99	276	643078	11.11	ng/ul#	86
92) Dibenz(a,h)anthracene	25.99	278	180749	3.69	ng/ul#	82
93) Benzo(a,h,i)perylene	26.71	276	578785	12.14	ng/ul#	90

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Internal Standards	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed