

Quantitation Report (QT Reviewed)

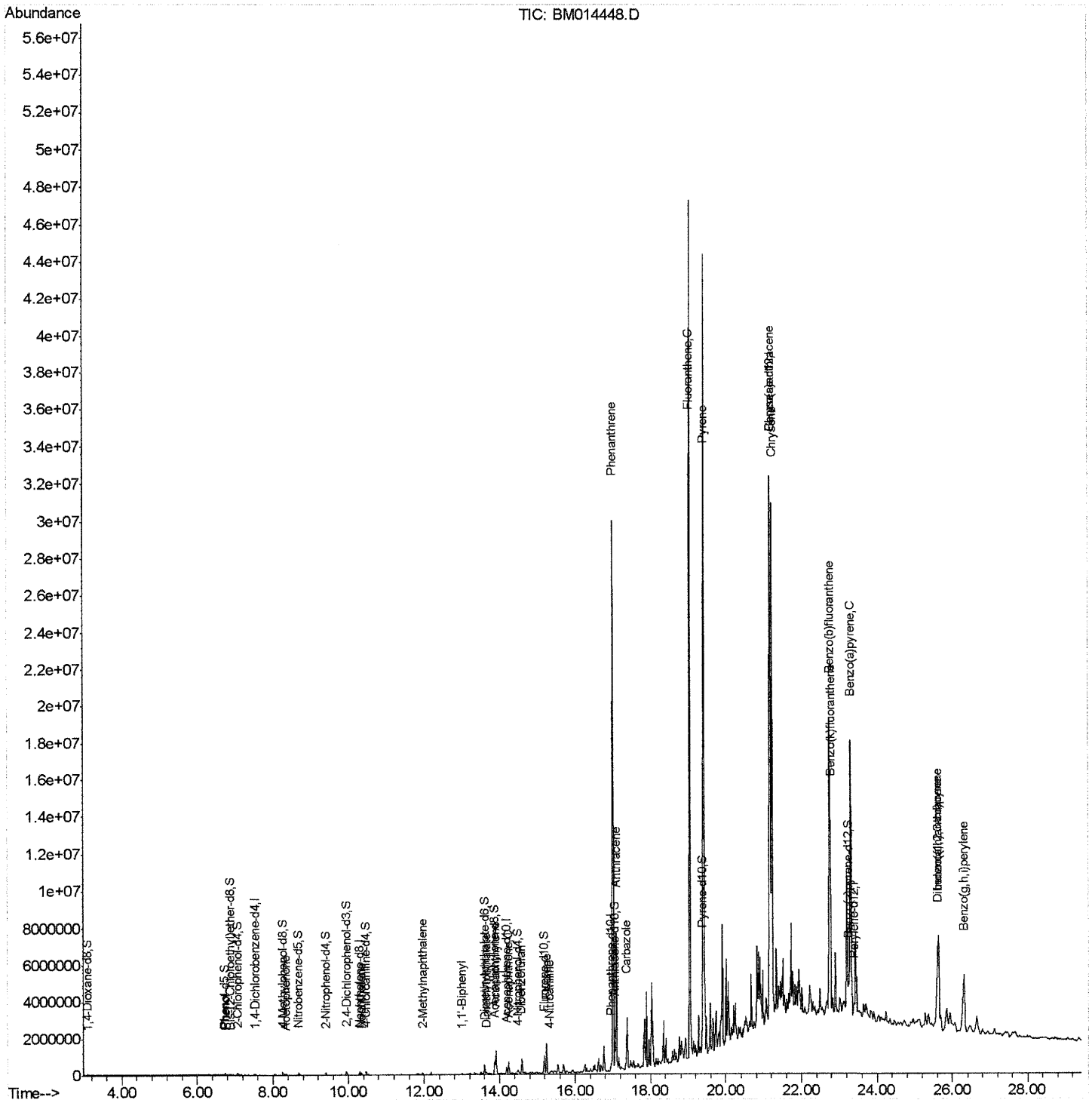
Data Path : Z:\HPCHEM1\BNA_M\Data\BM030118\
 Data File : BM014448.D
 Acq On : 02 Mar 2018 00:23
 Operator : SJ/JU
 Sample : J1678-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z4

Manual Integrations
 APPROVED

Sohil
 3/2/2018 3:32:11 PM

Quant Time: Mar 02 11:41:29 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 01 03:03:26 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

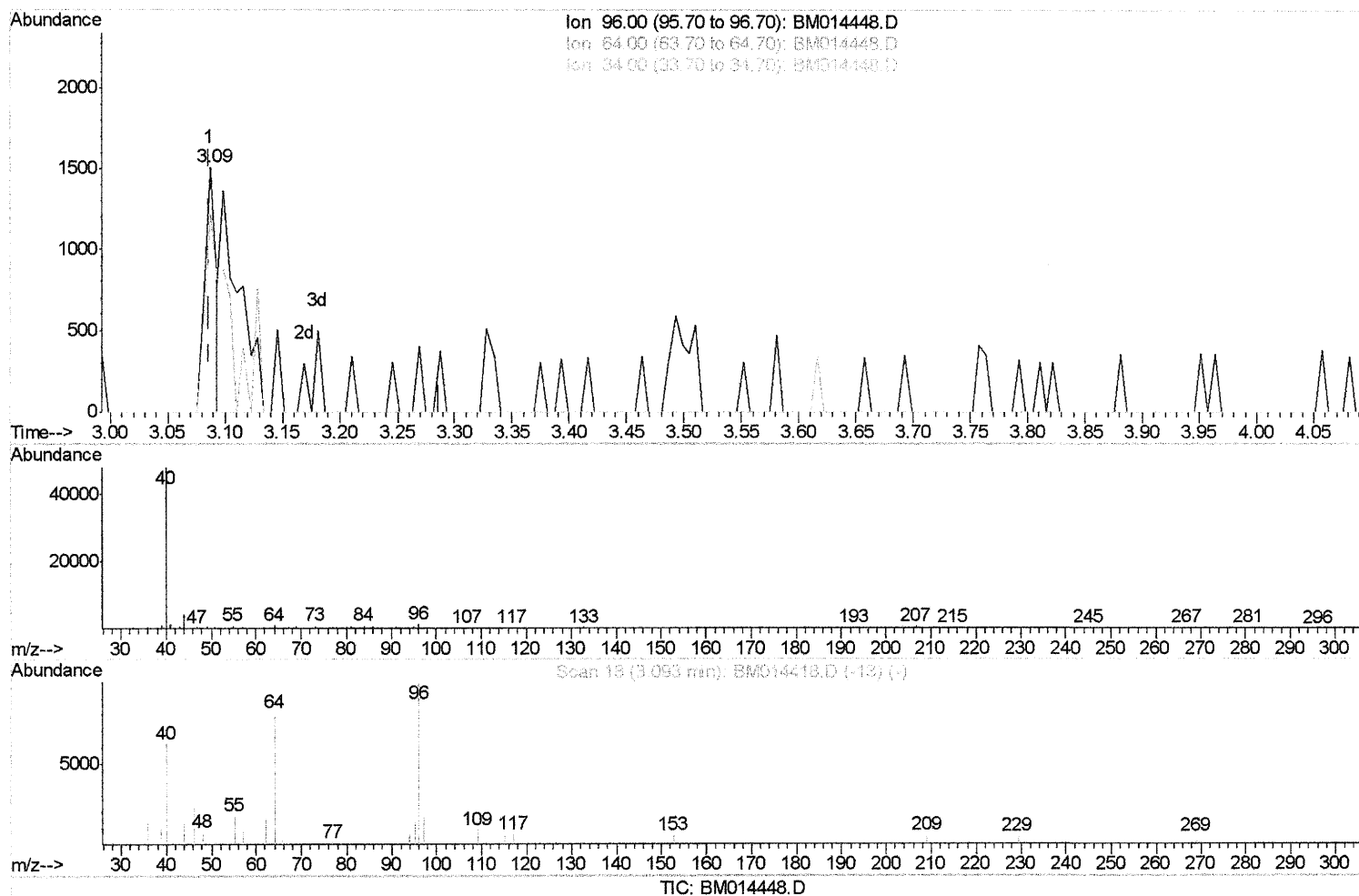
Data Path : Z:\HPCHEM1\BNA_M\Data\BM030118\
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Sohil
 3/2/2018 3:32:11 PM

Quant Time: Mar 02 11:35:31 2018
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(3) 1,4-Dioxane-d8 (S)

3.087min (-0.000) 1.93ng/uL

response 1044

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	86.97
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

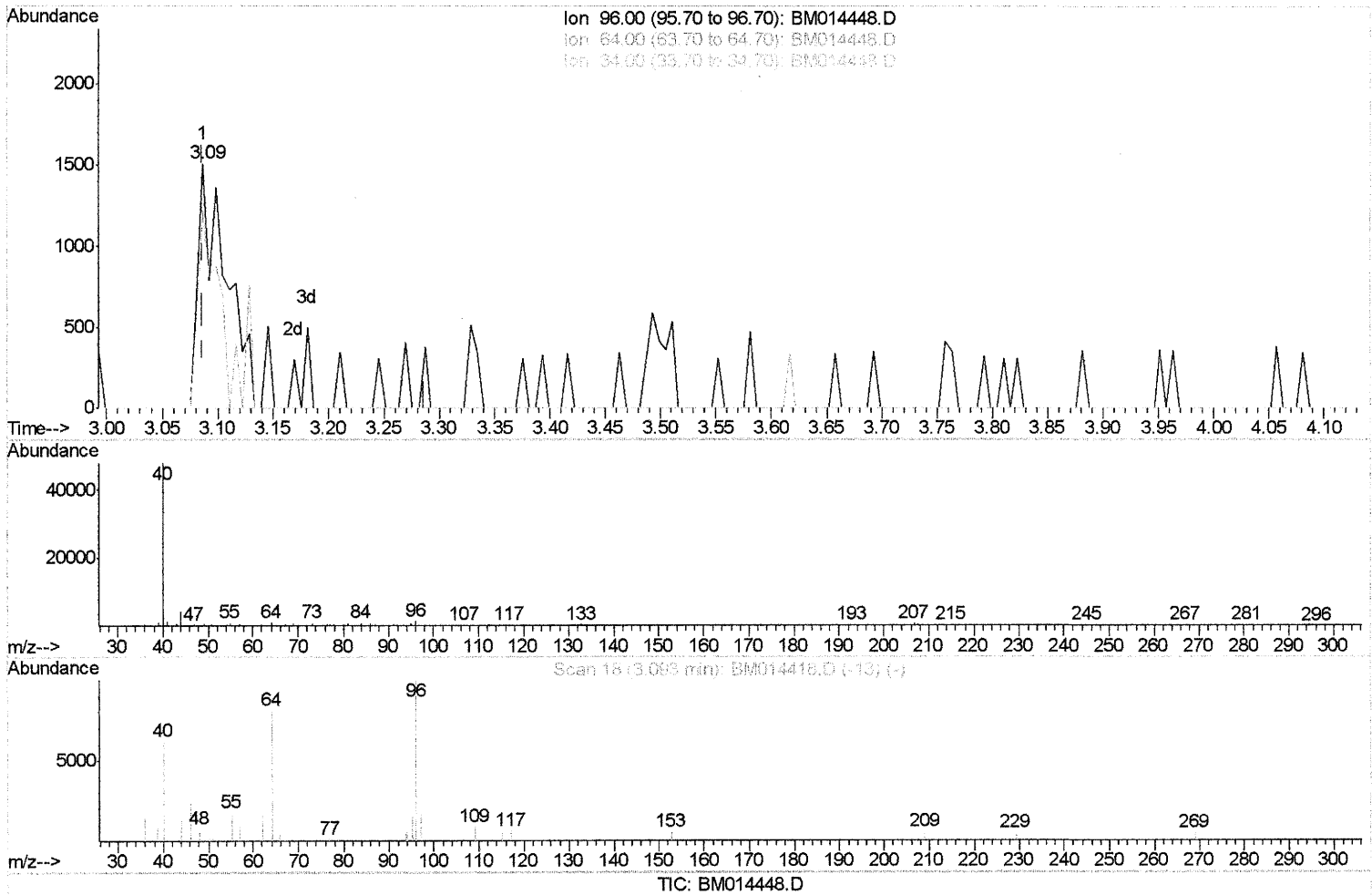
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(3) 1,4-Dioxane-d8 (S)

3.087min (-0.000) 4.89ng/uL m SJ 3/2/18

response 2637

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	34.43#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

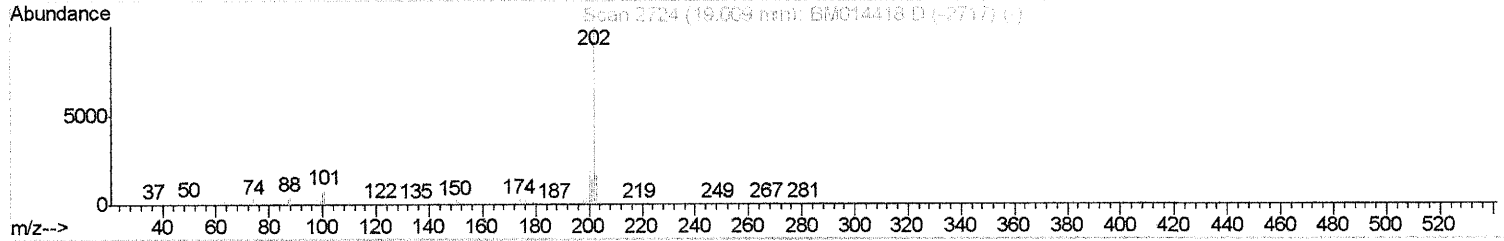
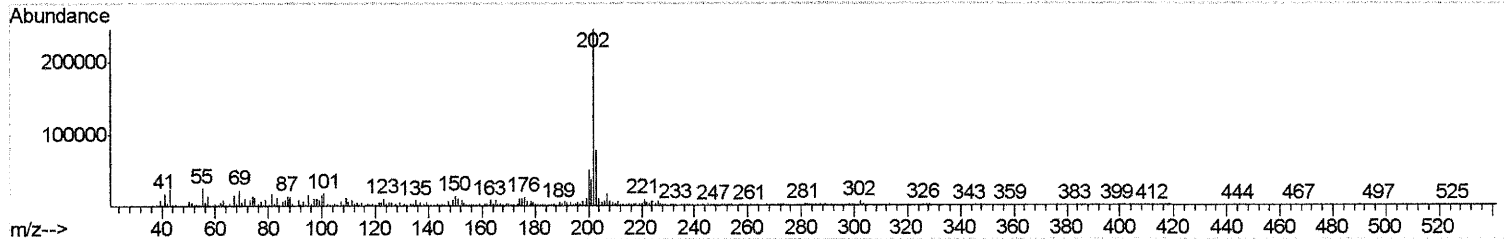
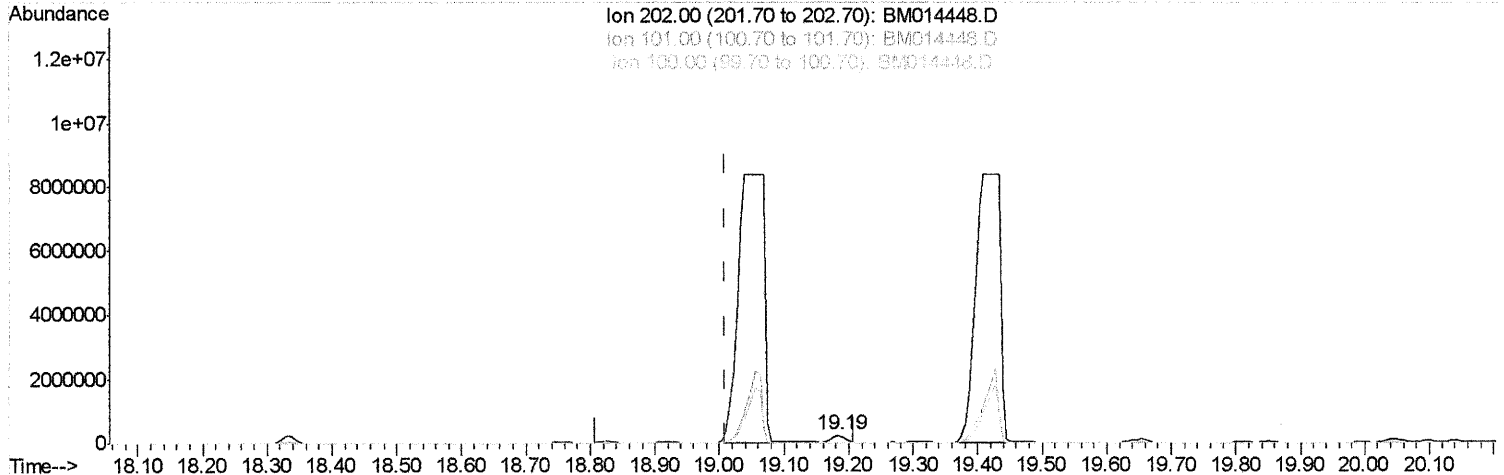
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TIC: BM014448.D

(74) Fluoranthene (C)

19.186min (+0.176) 12.57ng/ul

response 305310

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	7.56#
100.00	4.30	6.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

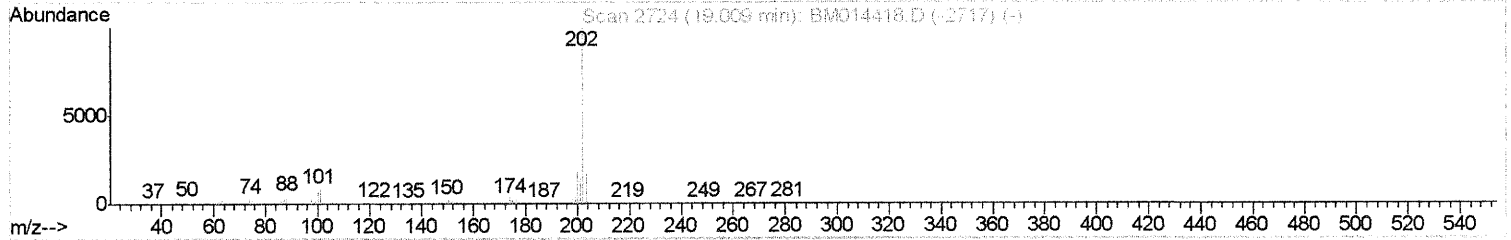
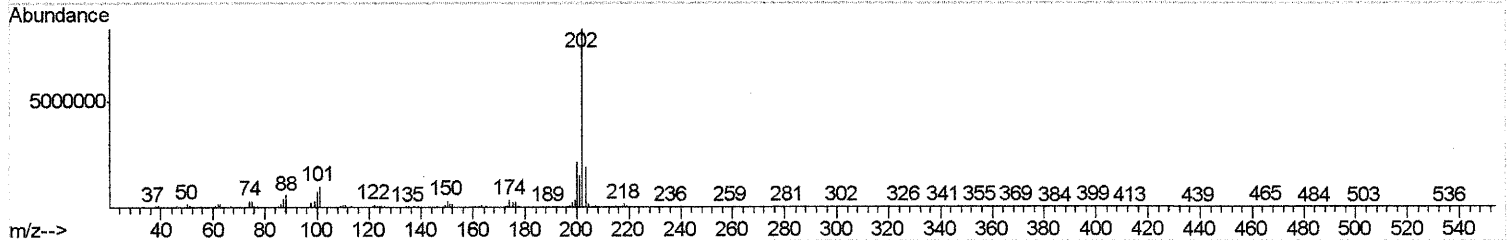
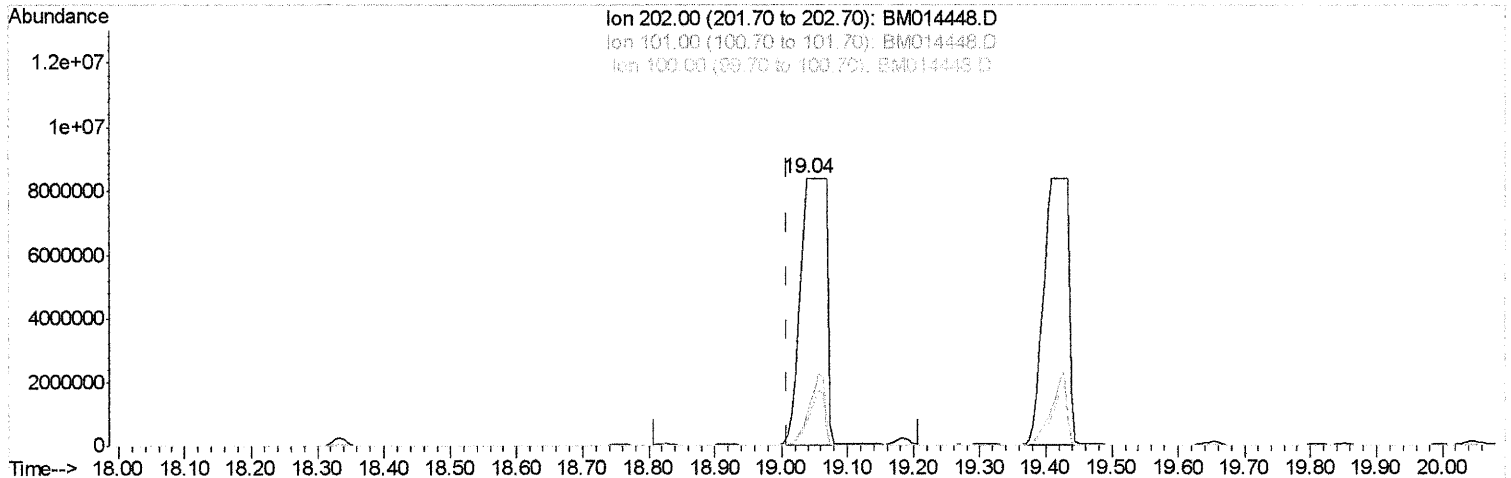
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TIC: BM014448.D

(74) Fluoranthene (C)

19.039min (+0.029) 955.00ng/ul m

SJ 3/2/18

response 23198440

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	11.97#
100.00	4.30	9.17#
0.00	0.00	0.00

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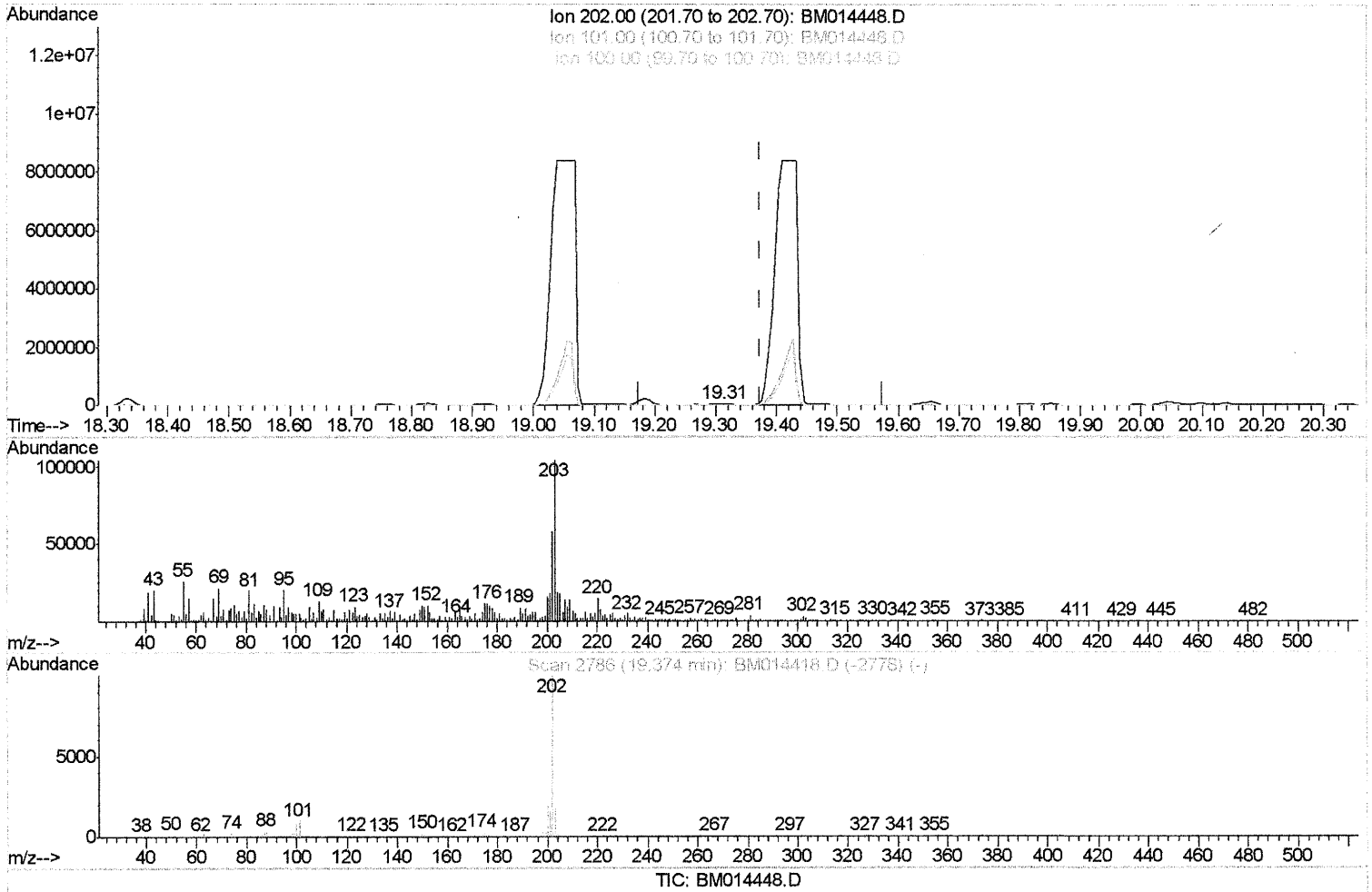
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 ClientSampled :
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(77) Pyrene

19.309min (-0.065) 1.88ng/ul

response 94955

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	15.06#
100.00	6.10	8.75#
0.00	0.00	0.00

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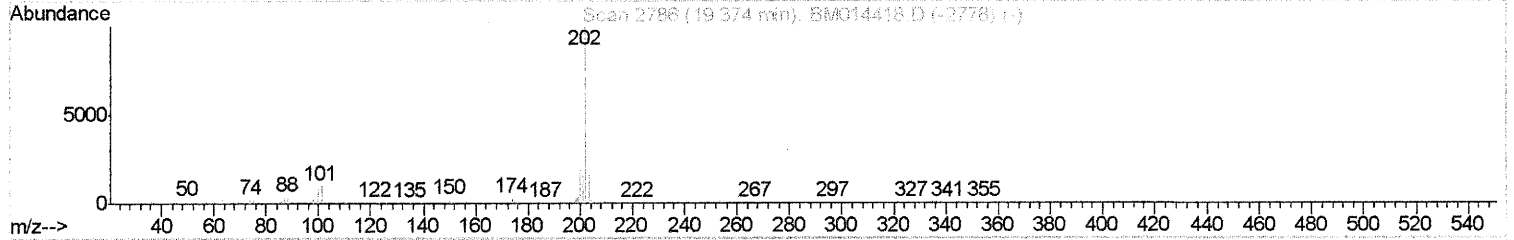
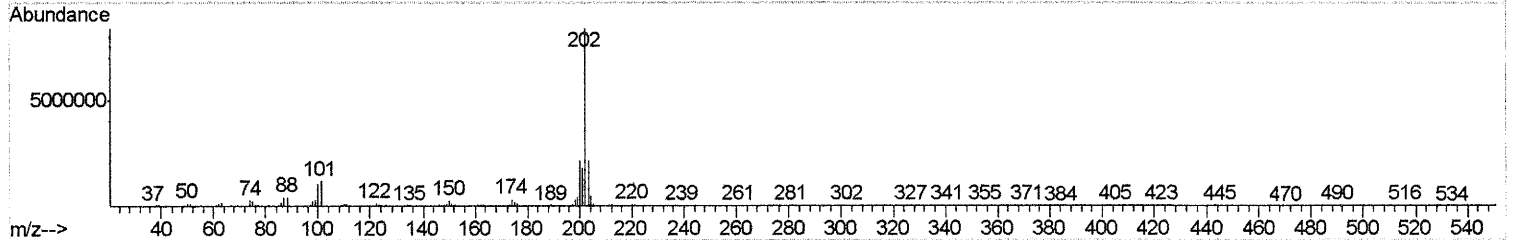
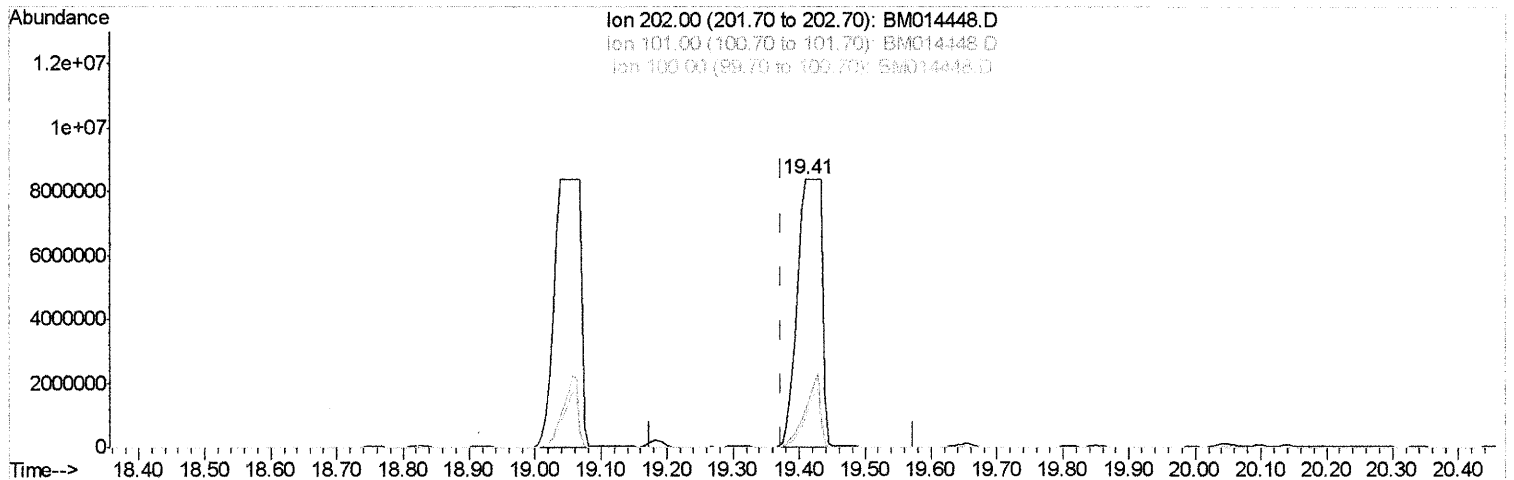
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TIC: BM014448.D

(77) Pyrene

19.409min (+0.035) 432.64ng/ul m *SJ 3/2/18*

response 21890785

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	14.15#
100.00	6.10	12.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

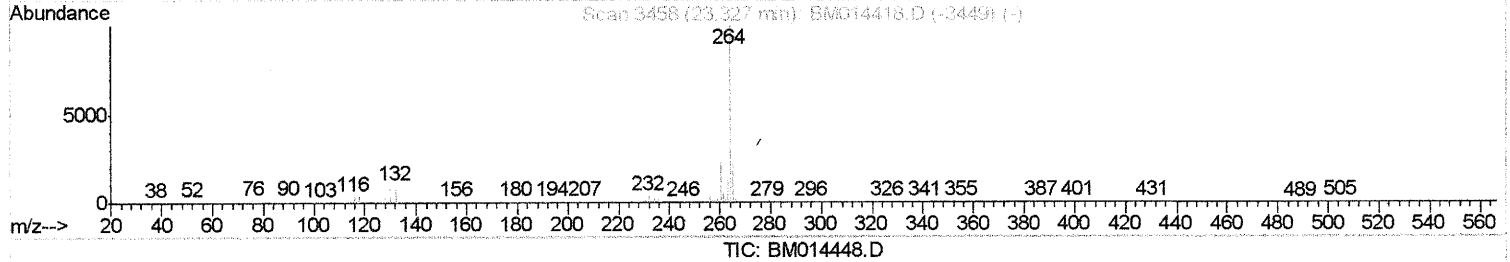
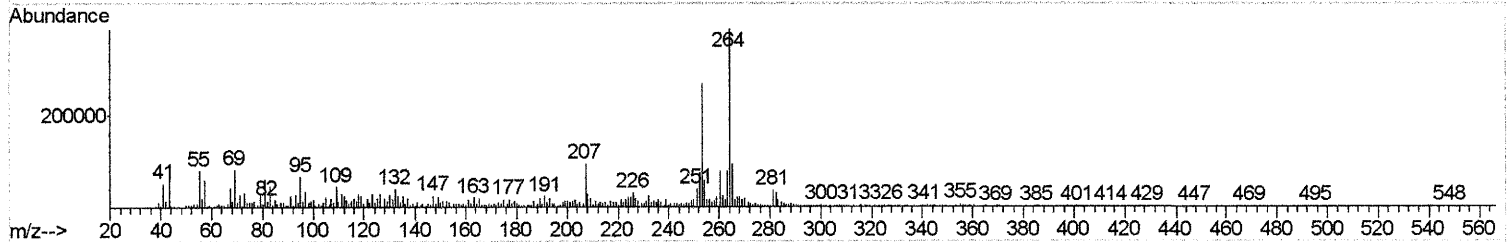
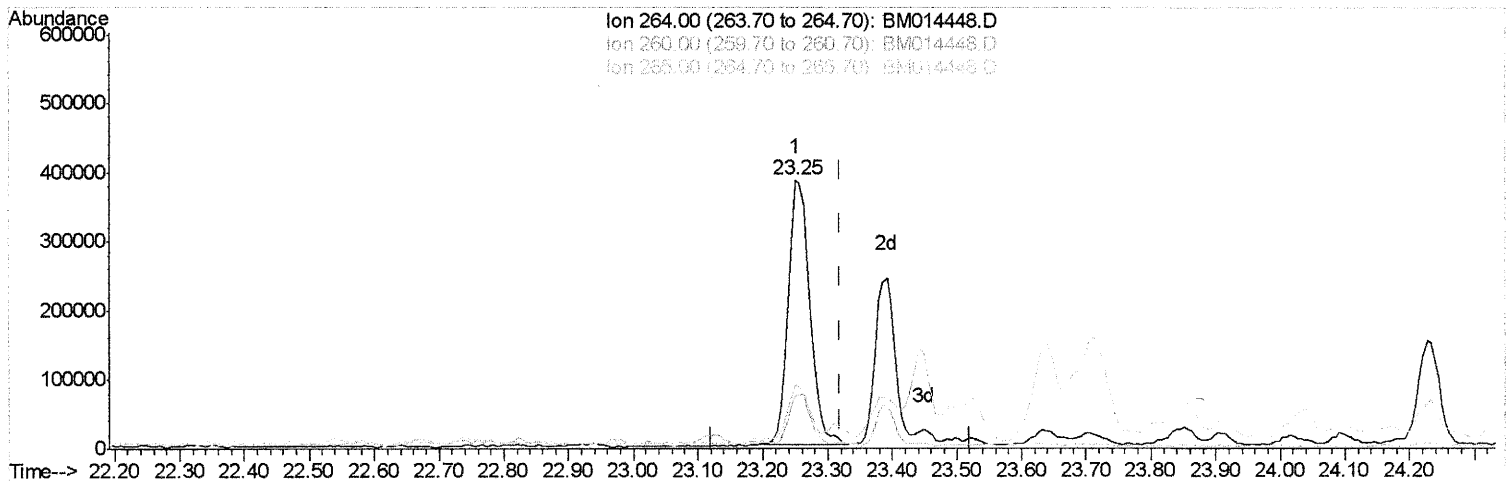
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(83) Perylene-d12 (I)

23.250min (-0.071) 20.00ng/ul

response 898926

Ion	Exp%	Act%
264.00	100	100
260.00	24.20	20.02
265.00	22.50	24.01
0.00	0.00	0.00

Quantitation Report (Qedit)

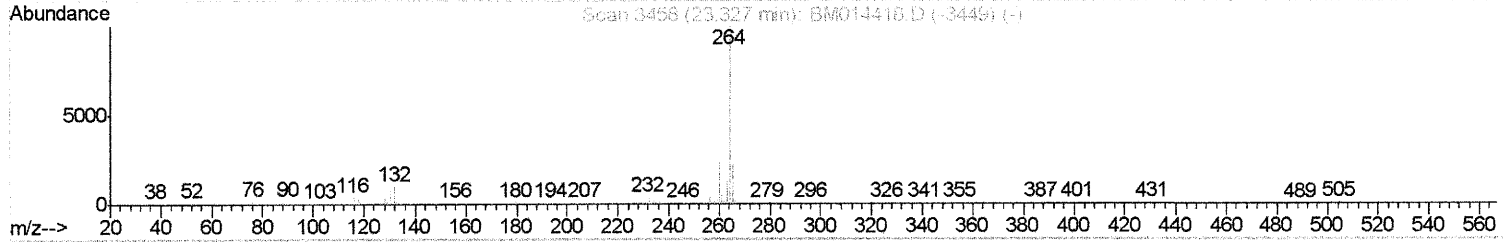
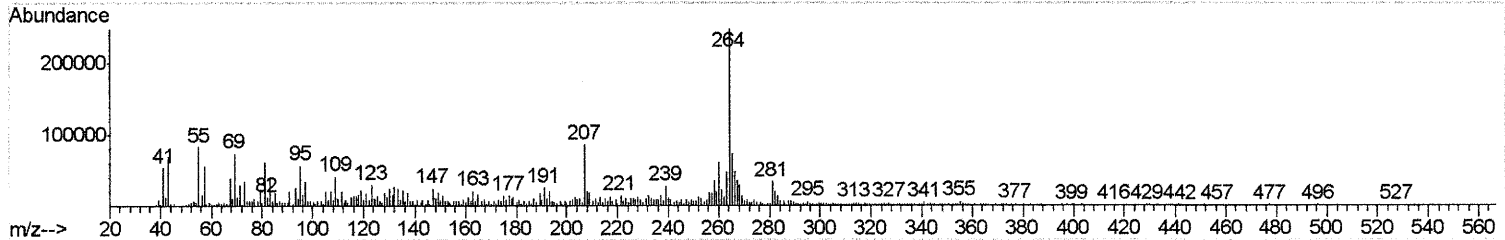
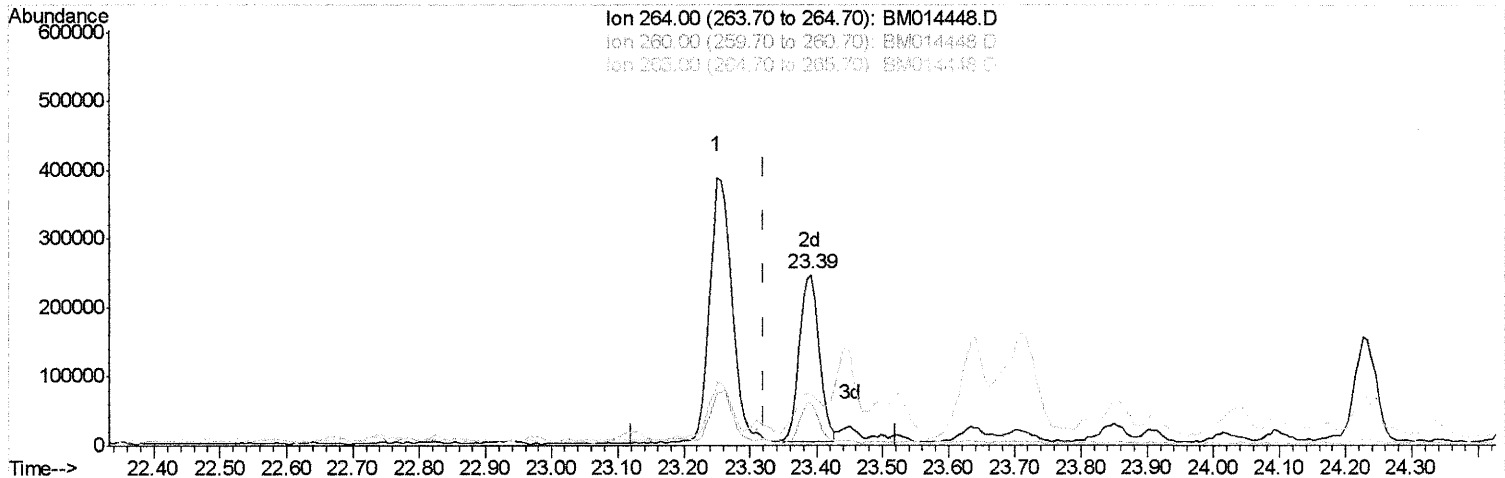
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 Sample : J1678-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z4

Manual Integrations
 APPROVED

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(83) Perylene-d12 (I)

23.391min (+0.071) 20.00ng/ul m SJ 3/2/18

response 514543

Ion	Exp%	Act%
264.00	100	100
260.00	24.20	24.98
265.00	22.50	29.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

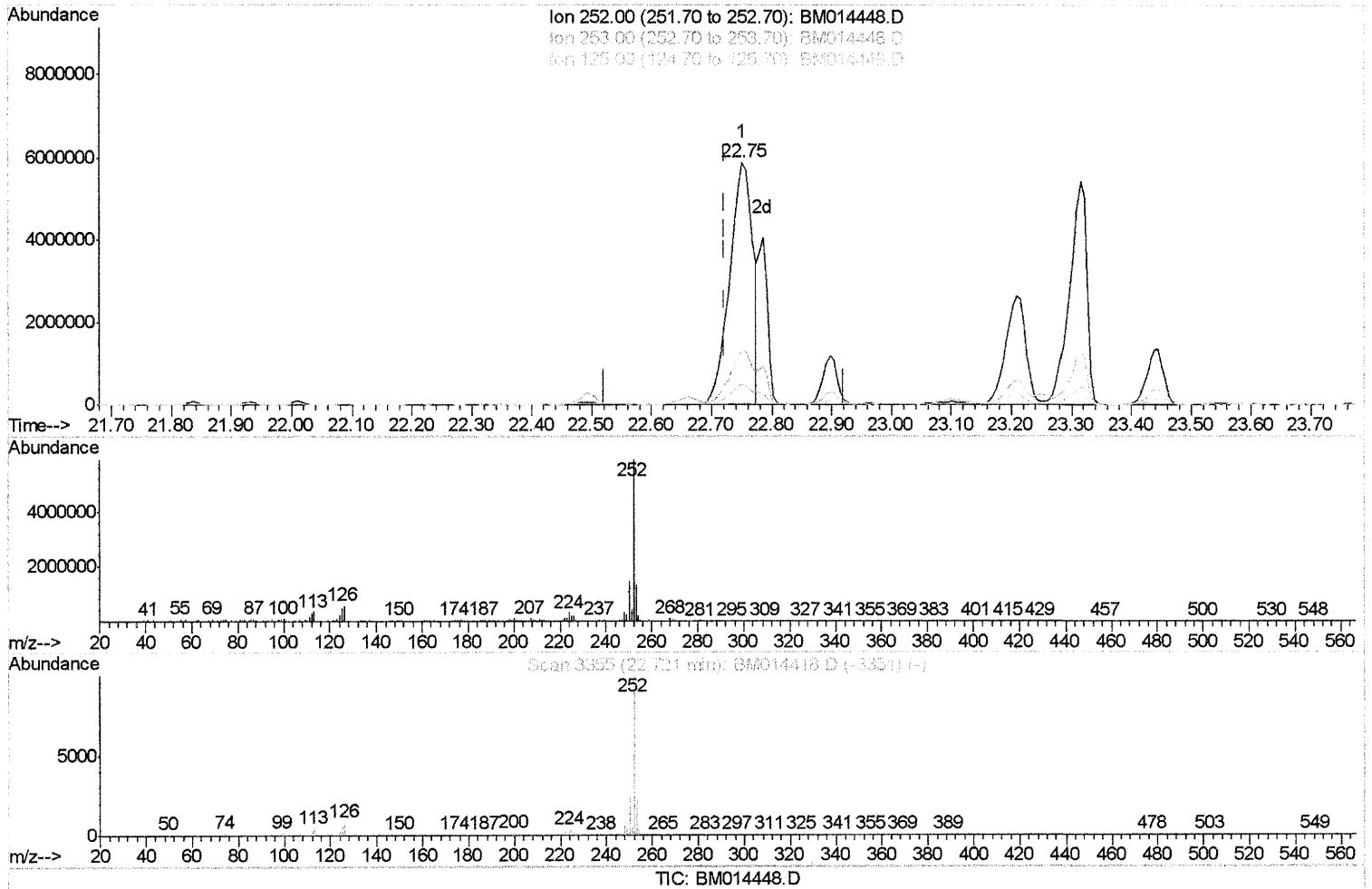
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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

22.750min (+0.029) 480.62ng/ui

response 15743257

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.58
125.00	4.30	8.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

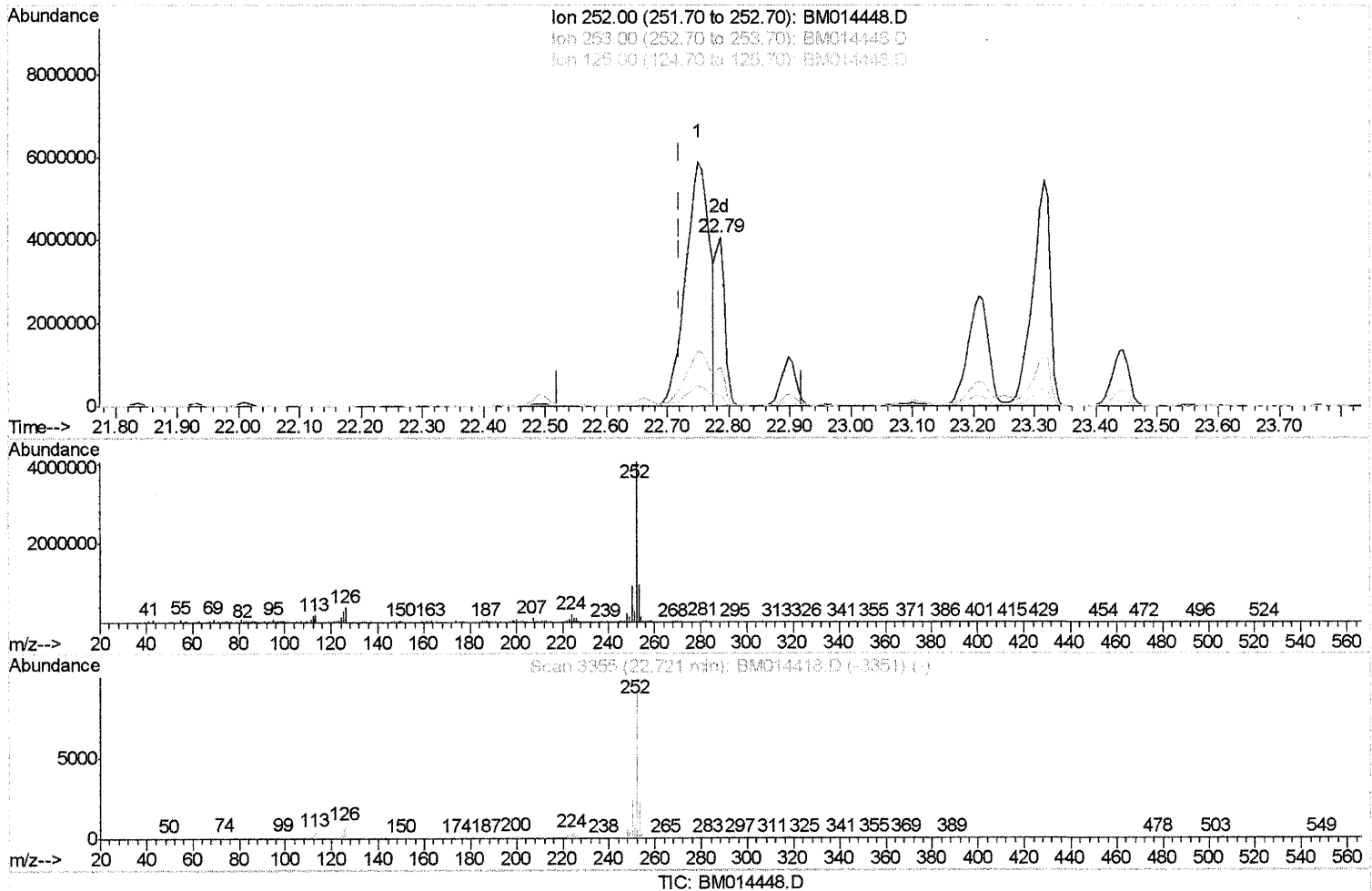
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 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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(86) Benzo(k)fluoranthene

22.785min (+0.065) 128.76ng/ul m SJ 3/2/18

response 4217787

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.59
125.00	4.30	6.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

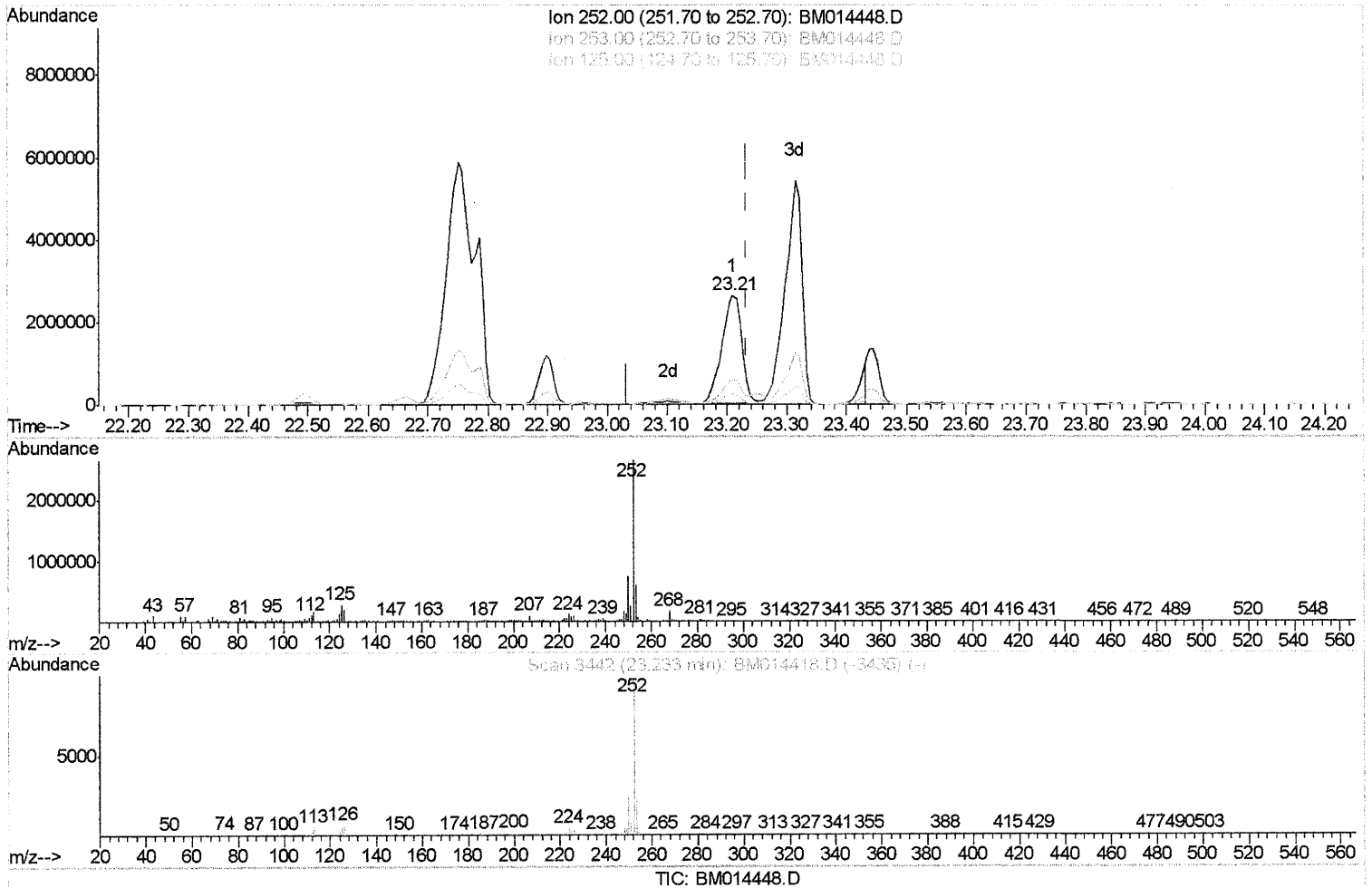
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(88) Benzo(a)pyrene (C)

23.209min (-0.024) 198.57ng/ul

response 6113509

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	22.52
125.00	5.00	10.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

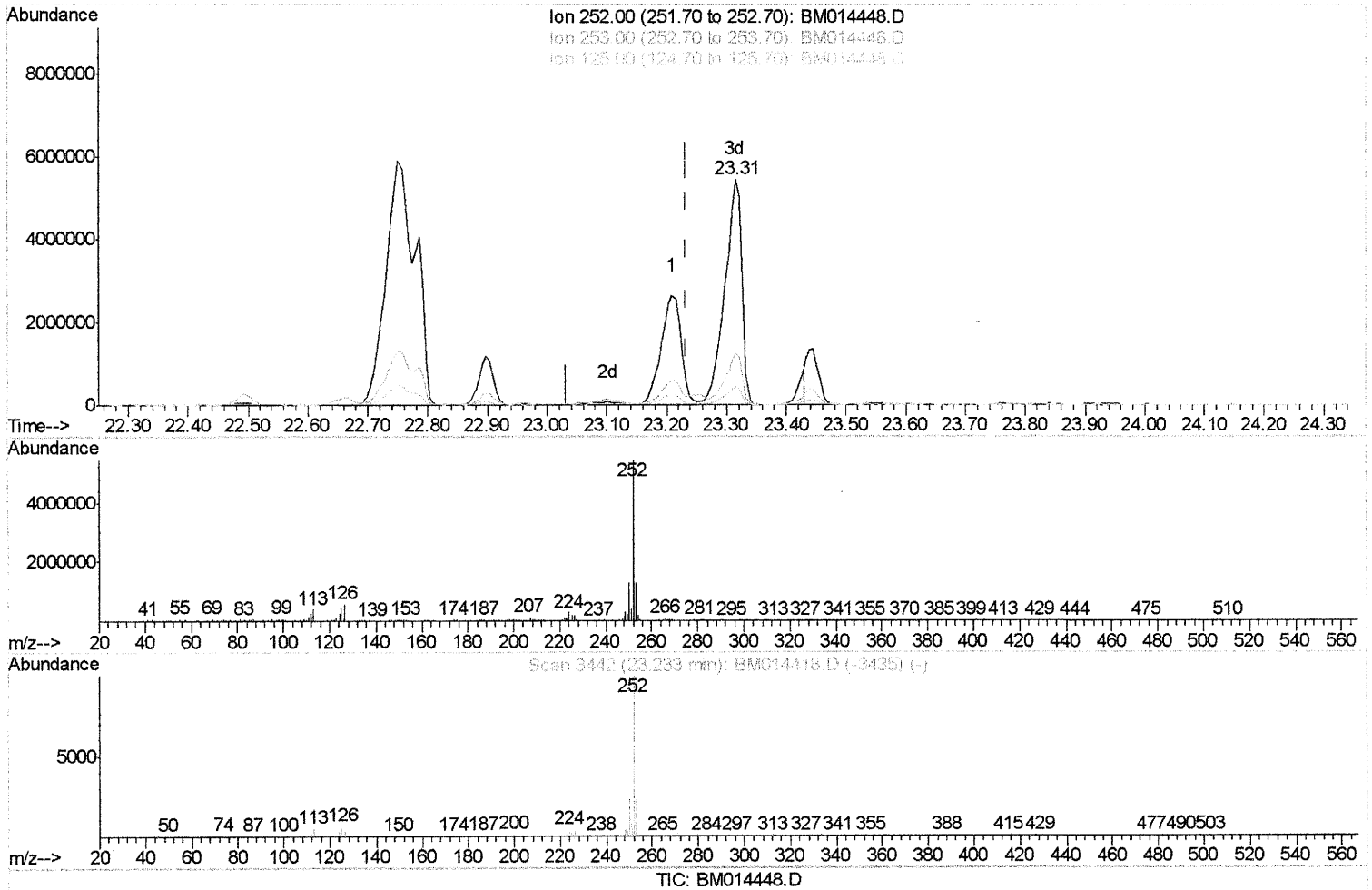
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(88) Benzo(a)pyrene (C)

23.315min (+0.082) 354.98ng/ul m SJ 3/2/18

response 10928708

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	23.53
125.00	5.00	8.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

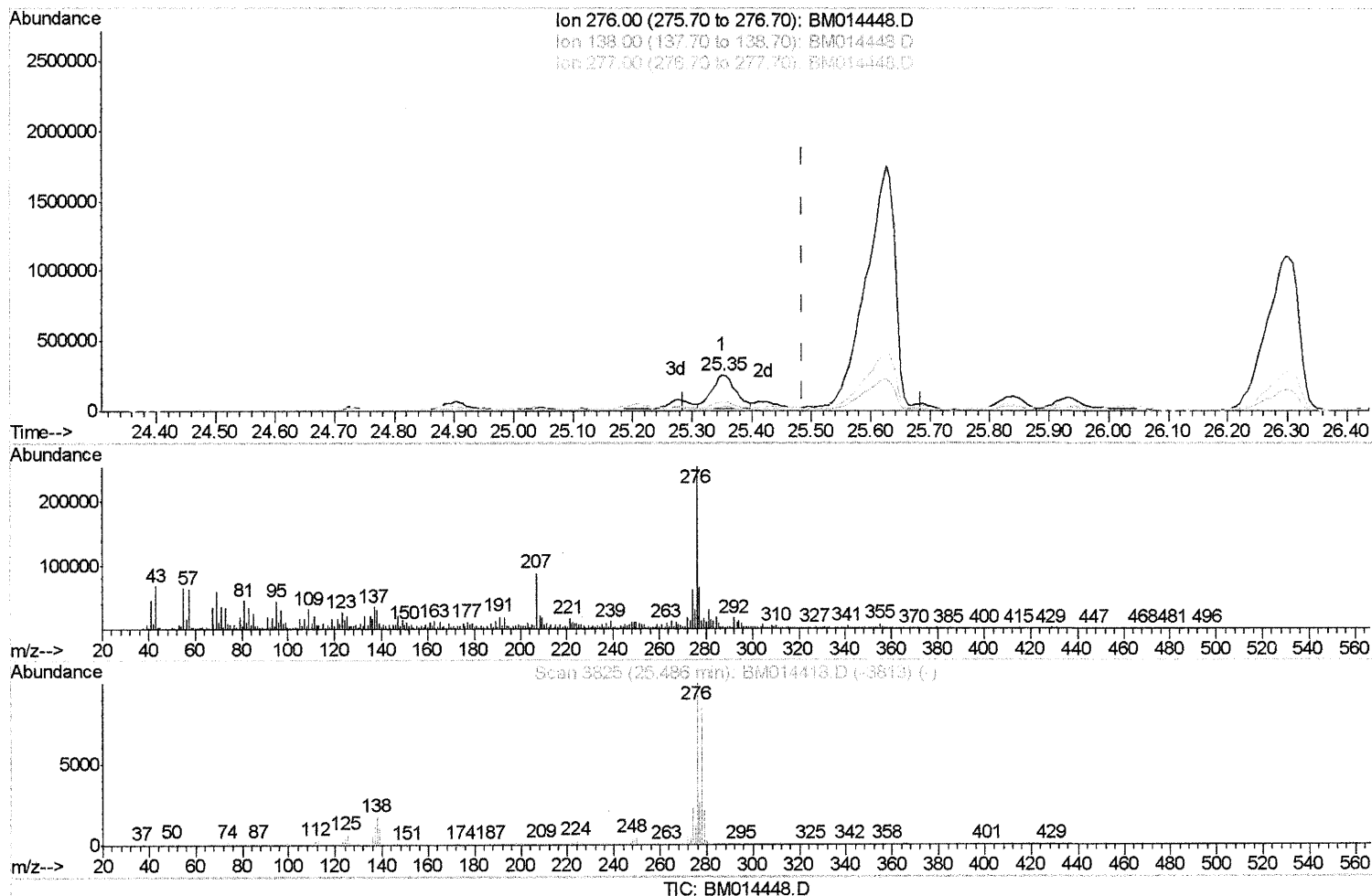
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(89) Indeno(1,2,3-cd)pyrene

25.350min (-0.135) 22.10ng/ul

response 660265

Ion	Exp%	Act%
276.00	100	100
138.00	11.60	11.95
277.00	24.90	25.28
0.00	0.00	0.00

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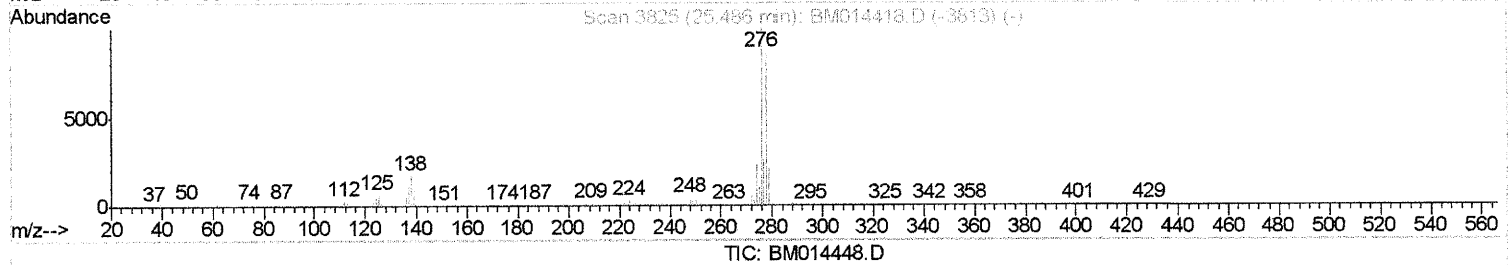
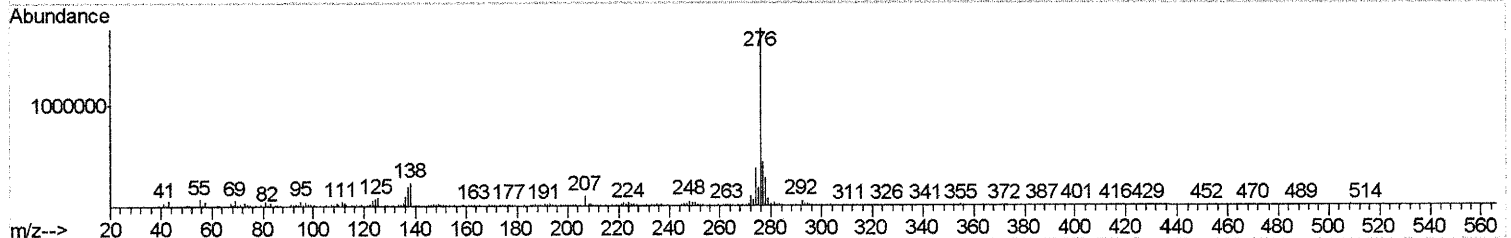
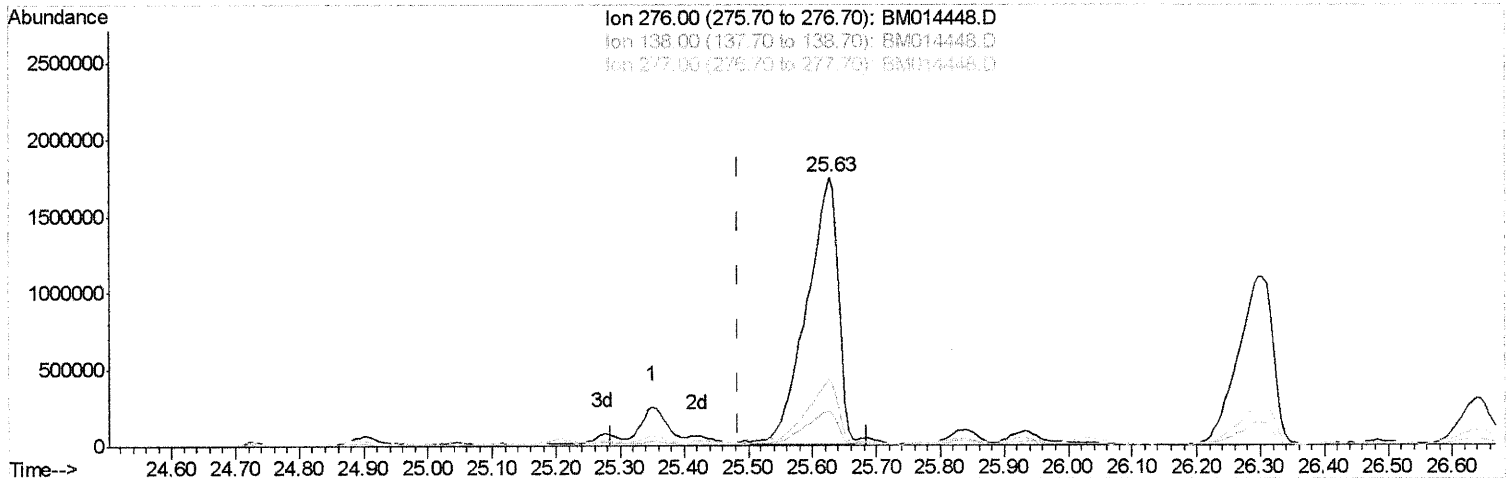
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(89) Indeno(1,2,3-cd)pyrene

25.626min (+0.141) 199.24ng/ul m SJ 3/2/18

response 5952413

Ion	Exp%	Act%
276.00	100	100
138.00	11.60	13.29
277.00	24.90	24.83
0.00	0.00	0.00

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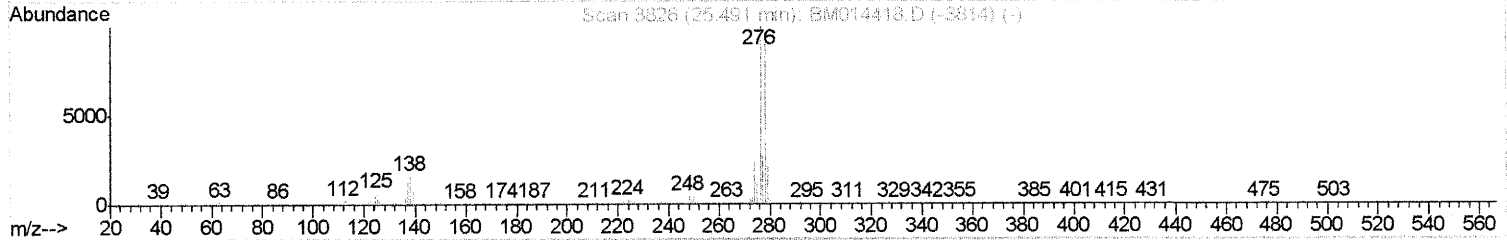
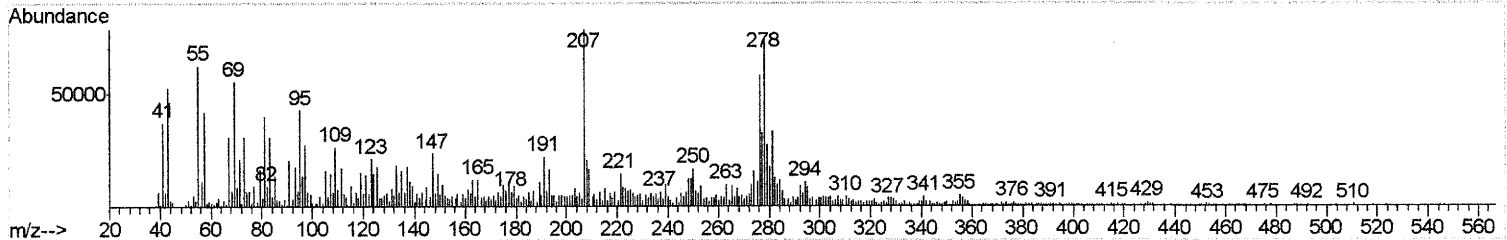
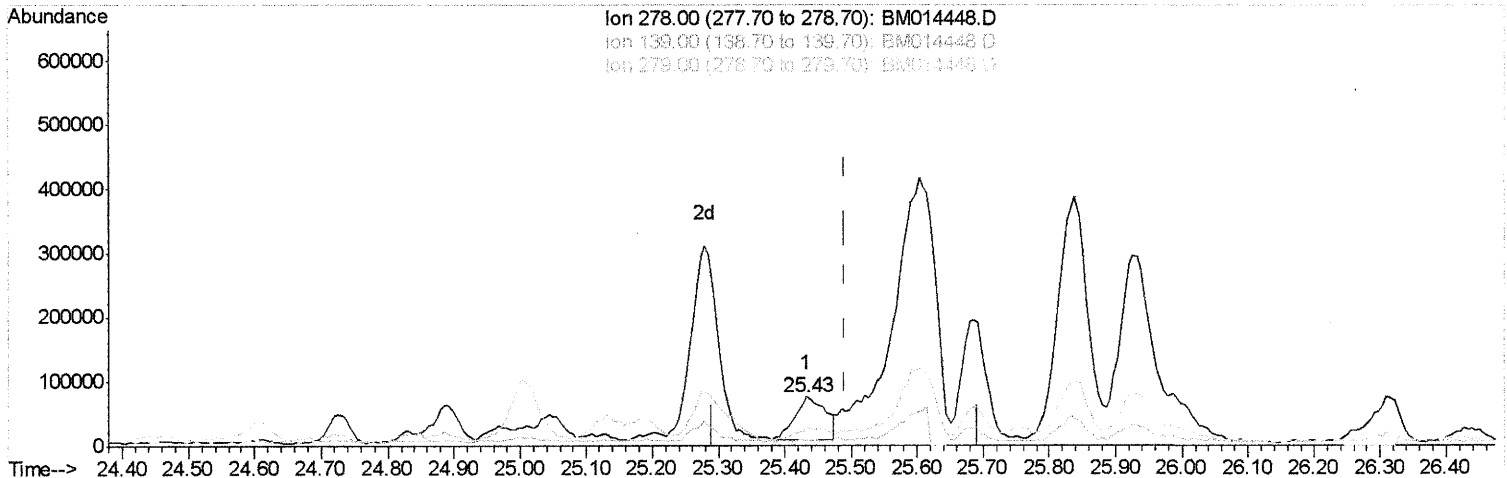
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TIC: BM014448.D

(90) Dibenzo(a,h)anthracene

25.432min (-0.059) 8.49ng/ul

response 210837

Ion	Exp%	Act%
278.00	100	100
139.00	7.30	12.69#
279.00	23.20	37.18#
0.00	0.00	0.00

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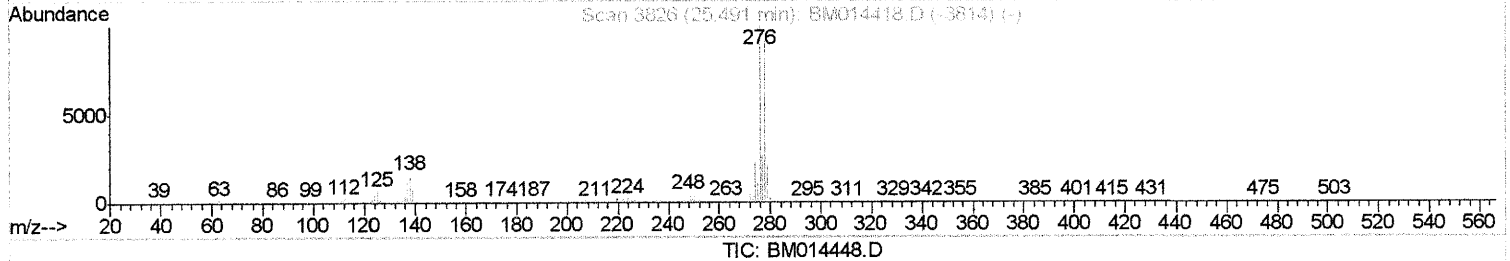
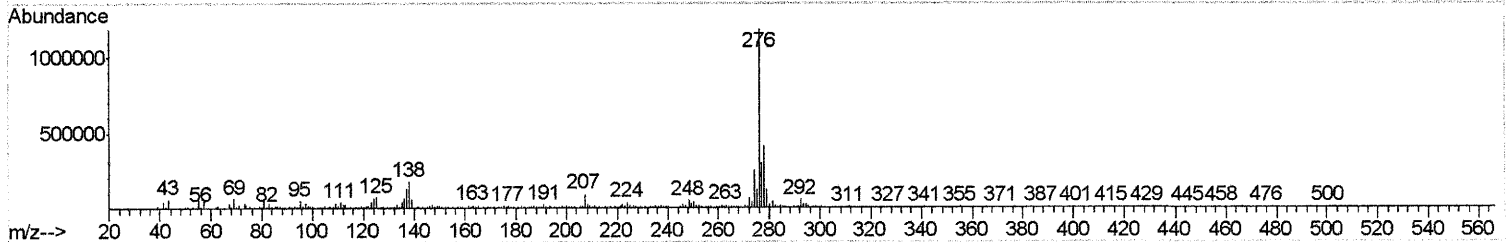
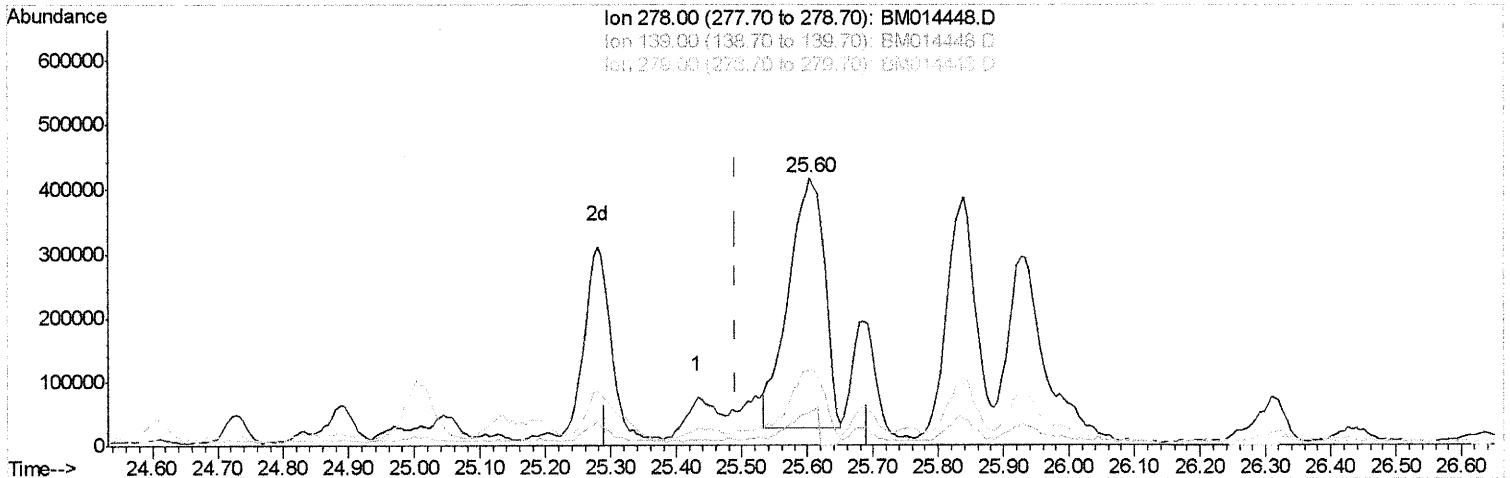
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TIC: BM014448.D

(90) Dibenzo(a,h)anthracene

25.603min (+0.112) 60.66ng/ul m

SJ 3/2/18

response 1505880

Ion	Exp%	Act%
278.00	100	100
139.00	7.30	12.83#
279.00	23.20	28.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

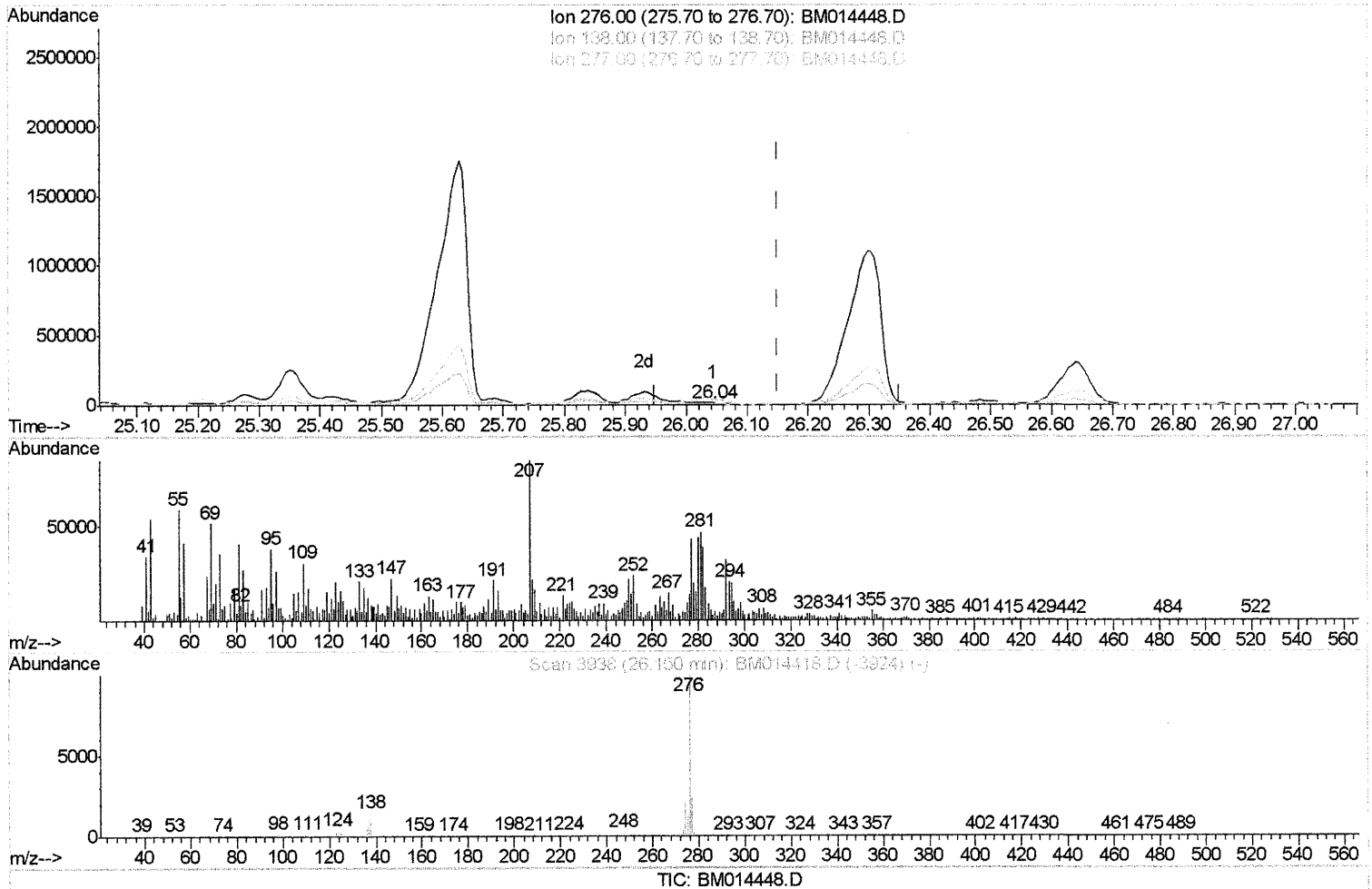
Data Path : Z:\HPCHEM1\BNA_M\Data\BM030118\
 Data File : BM014448.D
 Acq On : 02 Mar 2018 00:23
 Operator : SJ/JU
 Sample : J1678-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z4

Manual Integrations
 APPROVED

Sohil
 3/2/2018 3:32:11 PM

Quant Time: Mar 02 11:35:31 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 01 03:03:26 2018
 Response via : Initial Calibration



(91) Benzo(g,h,i)perylene
 26.044min (-0.106) 0.31ng/ul
 response 7591

Ion	Exp%	Act%
276.00	100	100
138.00	10.60	60.67#
277.00	23.30	301.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

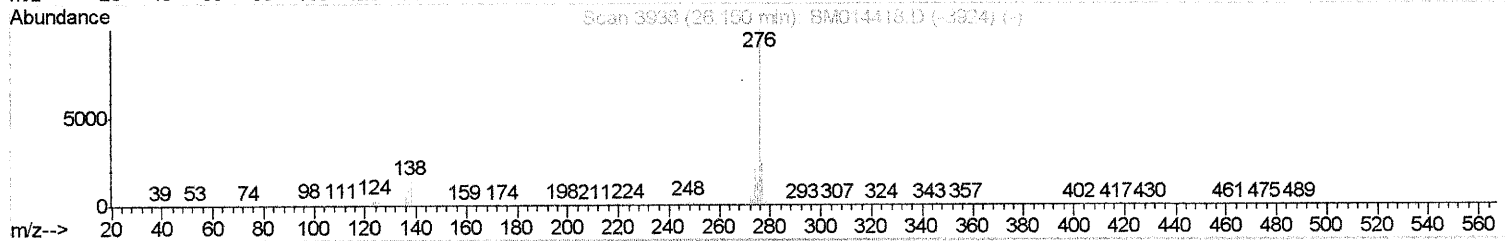
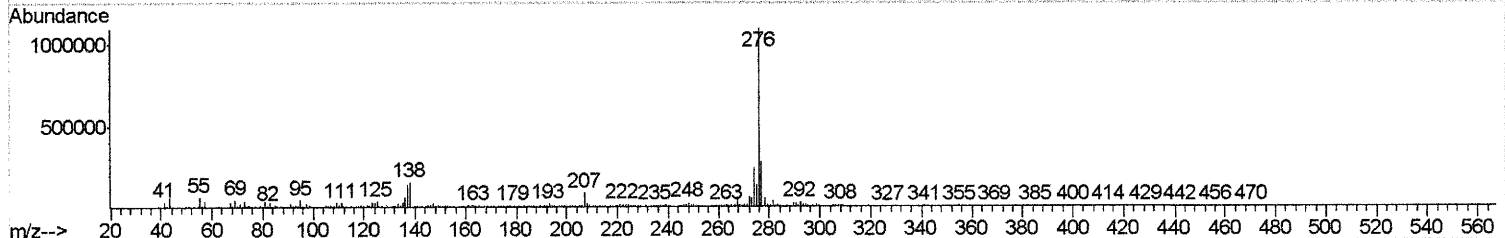
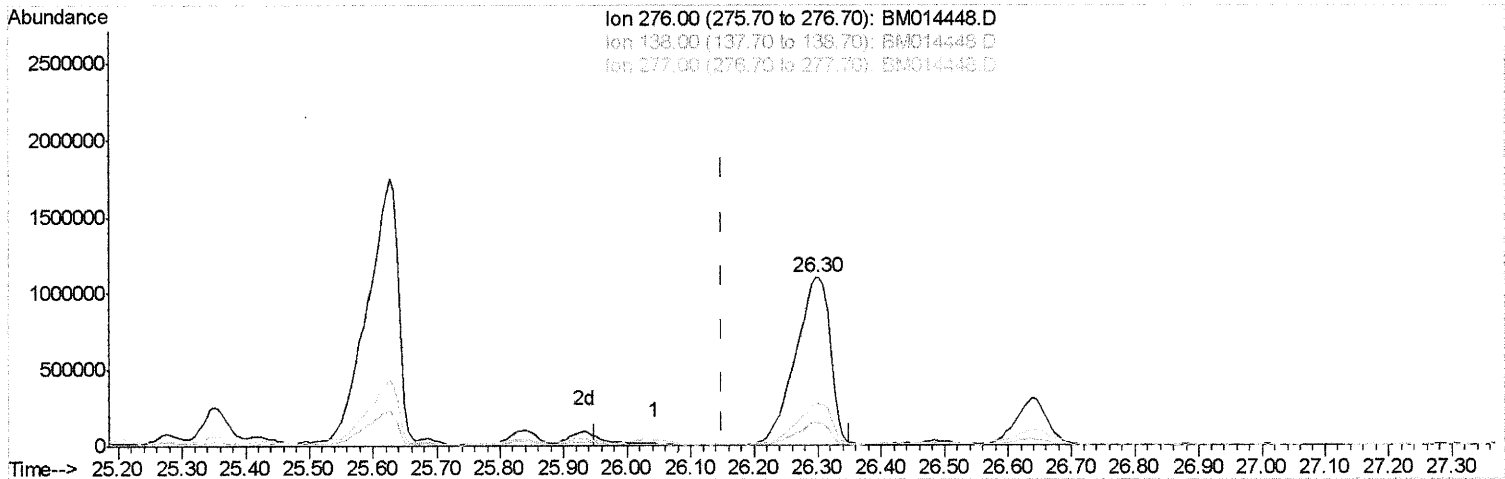
Data Path : Z:\HPCHEM1\BNA_M\Data\BM030118\
 Data File : BM014448.D
 Acq On : 02 Mar 2018 00:23
 Operator : SJ/JU
 Sample : J1678-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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Manual Integrations
 APPROVED

Sohil
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 Response via : Initial Calibration



TIC: BM014448.D

(91) Benzo(g,h,i)perylene

26.297min (+0.147) 173.26ng/ul m

SJ 3/2/18

response 4193117

Ion	Exp%	Act%
276.00	100	100
138.00	10.60	13.80#
277.00	23.30	25.41
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030118\
 Data File : BM014448.D
 Acq On : 02 Mar 2018 00:23
 Operator : SJ/JU
 Sample : J1678-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z4

Manual Integrations
 APPROVED

Sohil
 3/2/2018 3:32:11 PM

Quant Time: Mar 02 11:41:29 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 01 03:03:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	23097	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	132176	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.18	164	109650	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	352890	20.00	ng/ul	0.02
75) Chrysene-d12	21.19	240	761365	20.00	ng/ul	0.04
83) Perylene-d12	23.39	264	514543m	20.00	ng/ul	0.07 SJ 3/2/18

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	2637m	4.89	ng/uL	0.00 SJ 3/2/18
5) Phenol-d5	6.74	99	70816	36.28	ng/ul	0.02
7) Bis-(2-Chloroethyl) ether-d	6.87	67	35351	29.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	58569	39.13	ng/ul	0.02
13) 4-Methylphenol-d8	8.26	113	57422	33.62	ng/ul	0.02
19) Nitrobenzene-d5	8.69	128	31620	32.37	ng/ul	0.02
22) 2-Nitrophenol-d4	9.39	143	33764	33.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	74503	35.58	ng/ul	0.02
29) 4-Chloroaniline-d4	10.46	131	93934	45.53	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	303004	33.46	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	403134	36.10	ng/ul	0.01
51) 4-Nitrophenol-d4	14.49	143	38871	31.09	ng/ul	0.06
57) Fluorene-d10	15.19	176	319604	39.40	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.37	200	1061	0.50	ng/ul	0.04
70) Anthracene-d10	17.06	188	648085	38.06	ng/ul	0.02
76) Pyrene-d10	19.37	212	1044754	26.60	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.25	264	874694	34.93	ng/ul	0.06

Target Compounds

					Qvalue	
6) Phenol	6.76	94	6703	3.272	ng/ul	92
14) Acetophenone	8.35	105	8725	2.961	ng/ul#	89
28) Naphthalene	10.34	128	99924	14.719	ng/ul	98
34) 2-Methylnaphthalene	11.96	142	50192	9.714	ng/ul	83
40) 1,1'-Biphenyl	13.00	154	26065	3.086	ng/ul#	87
44) Dimethylphthalate	13.65	163	49929	5.592	ng/ul	100
47) Acenaphthylene	13.90	152	816534	77.369	ng/ul	98
49) Acenaphthene	14.24	153	237897	32.012	ng/ul	96
53) Dibenzofuran	14.59	168	399760	35.876	ng/ul	91
58) Fluorene	15.24	166	633771	65.883	ng/ul	96
60) 4-Nitroaniline	15.32	138	5657	3.508	ng/ul	87
69) Phenanthrene	17.00	178	15492822	761.989	ng/ul	95
71) Anthracene	17.09	178	3881050	189.804	ng/ul	99
72) Carbazole	17.37	167	1497463	87.094	ng/ul	98
74) Fluoranthene	19.04	202	23198440m	955.005	ng/ul	85
77) Pyrene	19.41	202	21890785m	432.639	ng/ul	87
80) Benzo(a)anthracene	21.17	228	16017900	337.100	ng/ul#	98
82) Chrysene	21.23	228	12785712	288.440	ng/ul#	98
85) Benzo(b)fluoranthene	22.75	252	15662629	454.610	ng/ul#	98
86) Benzo(k)fluoranthene	22.79	252	4217787m	128.762	ng/ul	} SJ 3/2/18
88) Benzo(a)pyrene	23.31	252	10928708m	354.976	ng/ul	
89) Indeno(1,2,3-cd)pyrene	25.63	276	5952413m	199.244	ng/ul	
90) Dibenzo(a,h)anthracene	25.60	278	1505880m	60.662	ng/ul	

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BNA_M
ClientSampleId :
BE5Z4

Manual Integrations
APPROVED

Sohil
3/2/2018 3:32:11 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	26.30	276	4193117m	173.258	ng/ul	

SJ 3/2/18

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