

Quantitation Report (QT Reviewed)

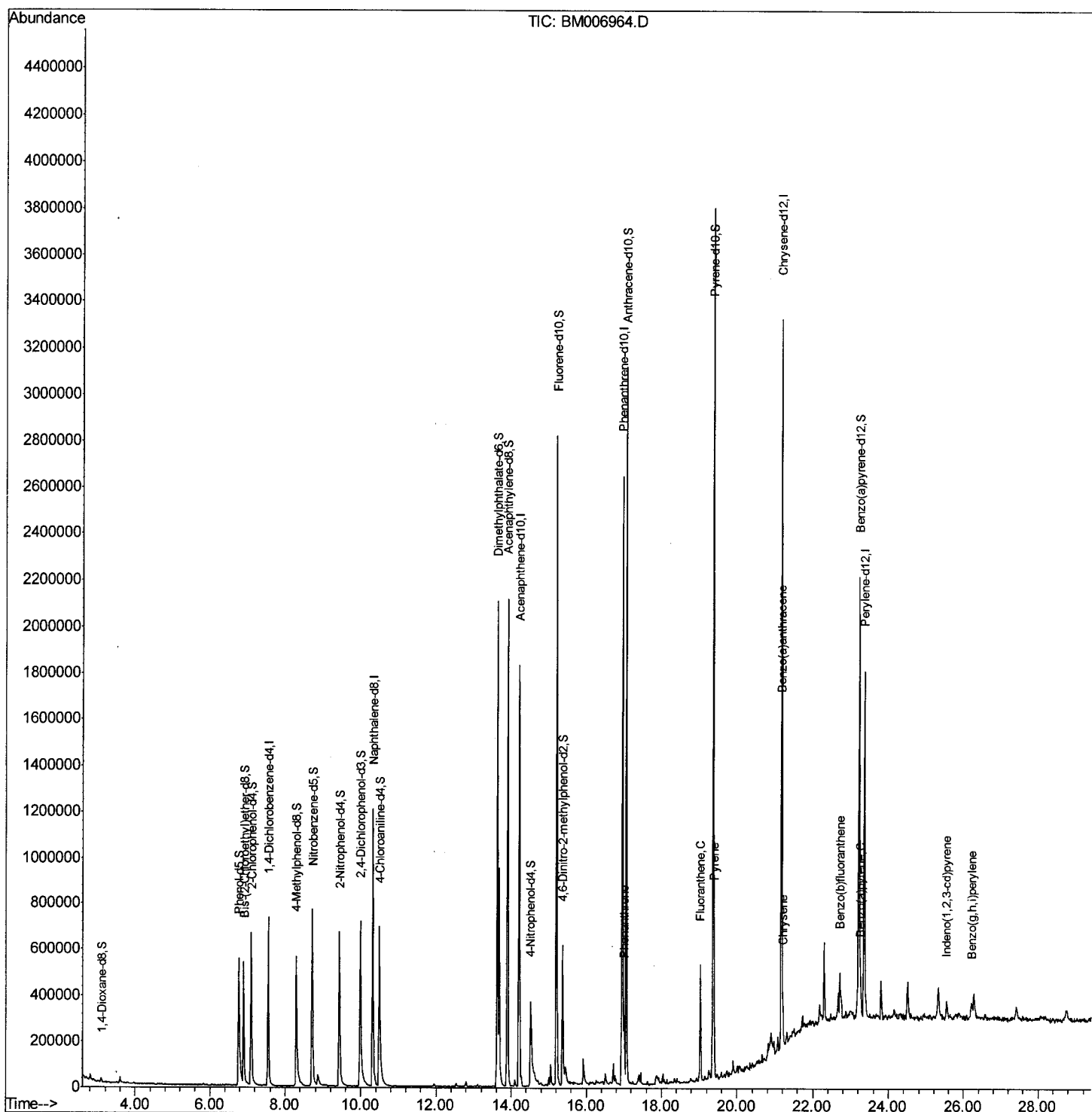
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
 Data File : BM006964.D
 Acq On : 07 Aug 2016 07:31
 Operator : UM/SJ
 Sample : H4302-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA0J7

Manual Integrations
 APPROVED

sohil
 8/8/2016 7:06:37 PM

Quant Time: Aug 08 04:43:21 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 08 03:51:46 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

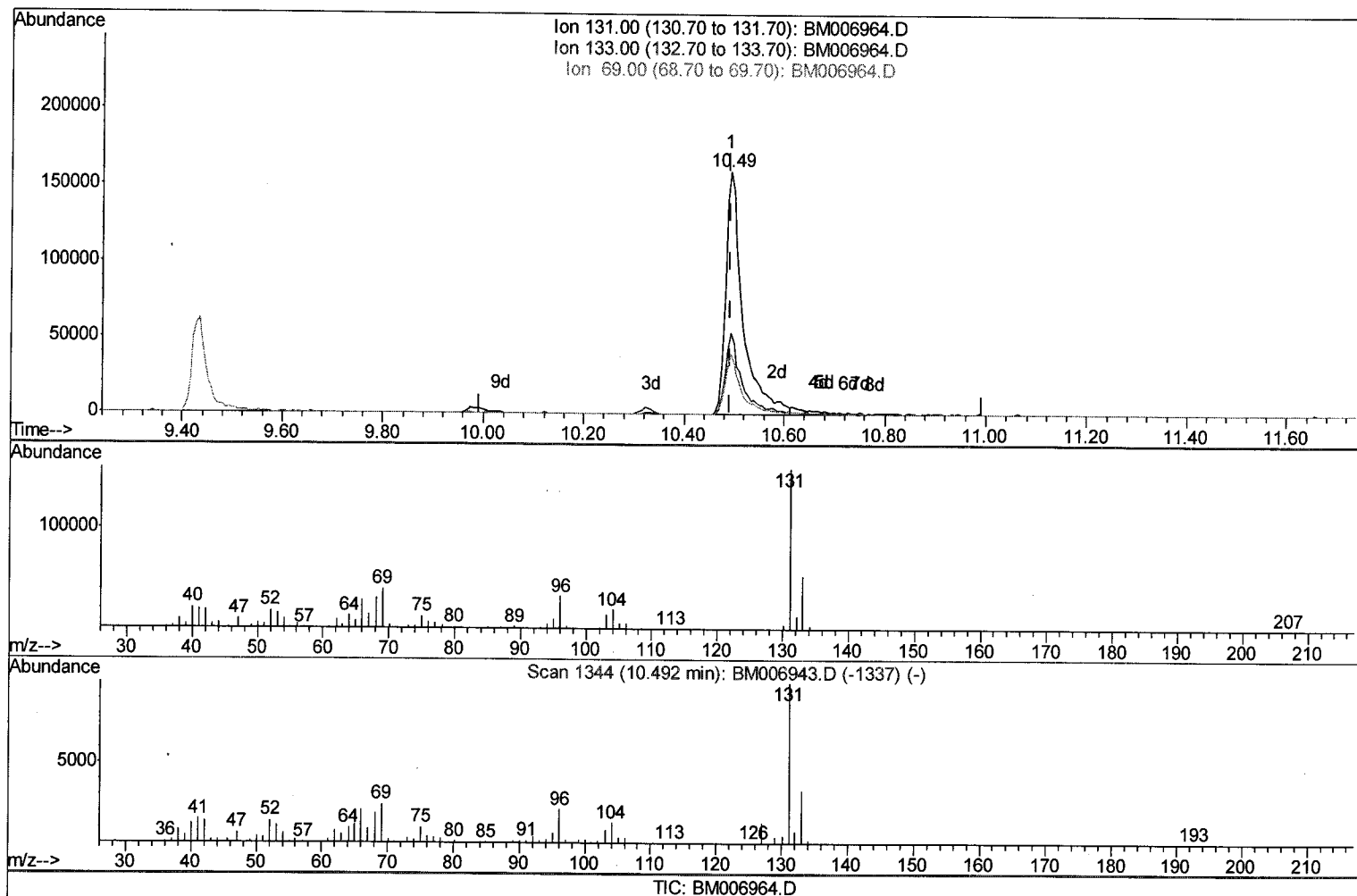
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(12) 4-Chloroaniline-d4 (S)

10.492min (+0.000) 22.53ng/ul m

response 383931

Ion	Exp%	Act%
131.00	100	100
133.00	31.50	33.73
69.00	23.50	24.97
0.00	0.00	0.00

U.M
 08/11/16

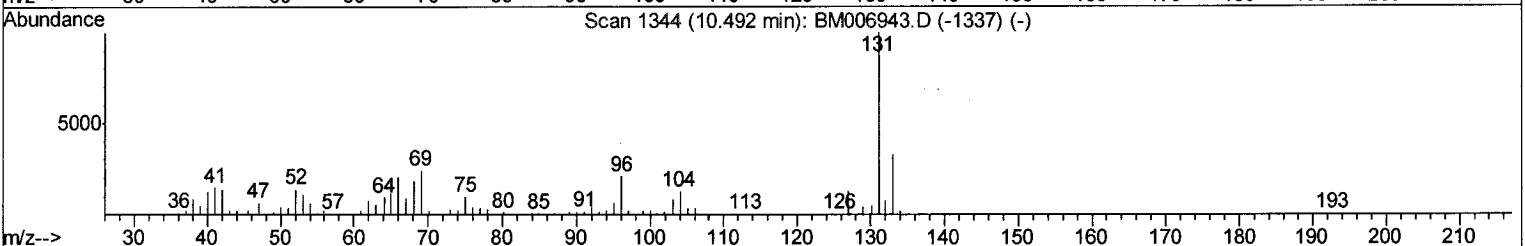
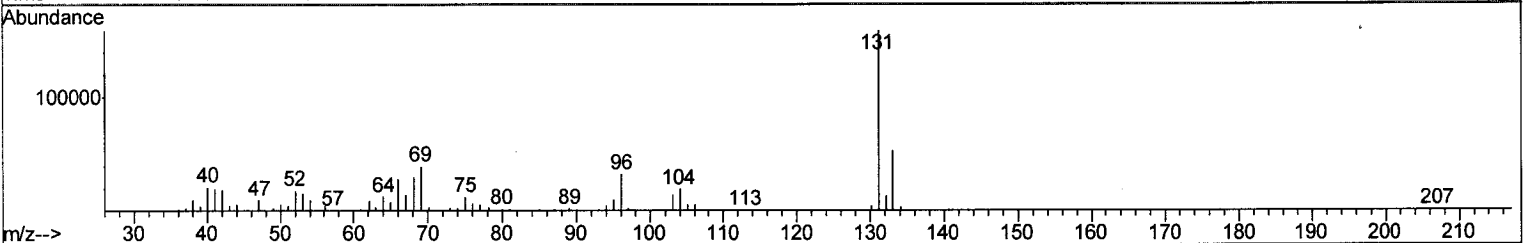
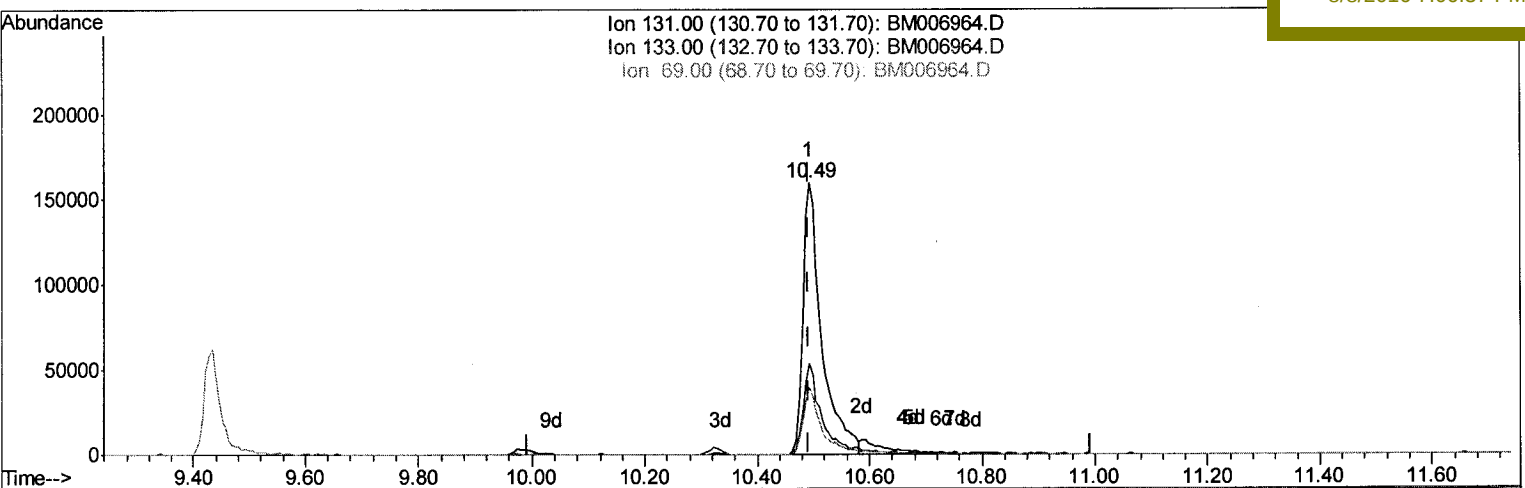
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TIC: BM006964.D

(12) 4-Chloroaniline-d4 (S)

10.492min (+0.000) 21.83ng/ul

response 371926

Ion	Exp%	Act%
131.00	100	100
133.00	31.50	33.73
69.00	23.50	24.97
0.00	0.00	0.00

Quantitation Report (Qedit)

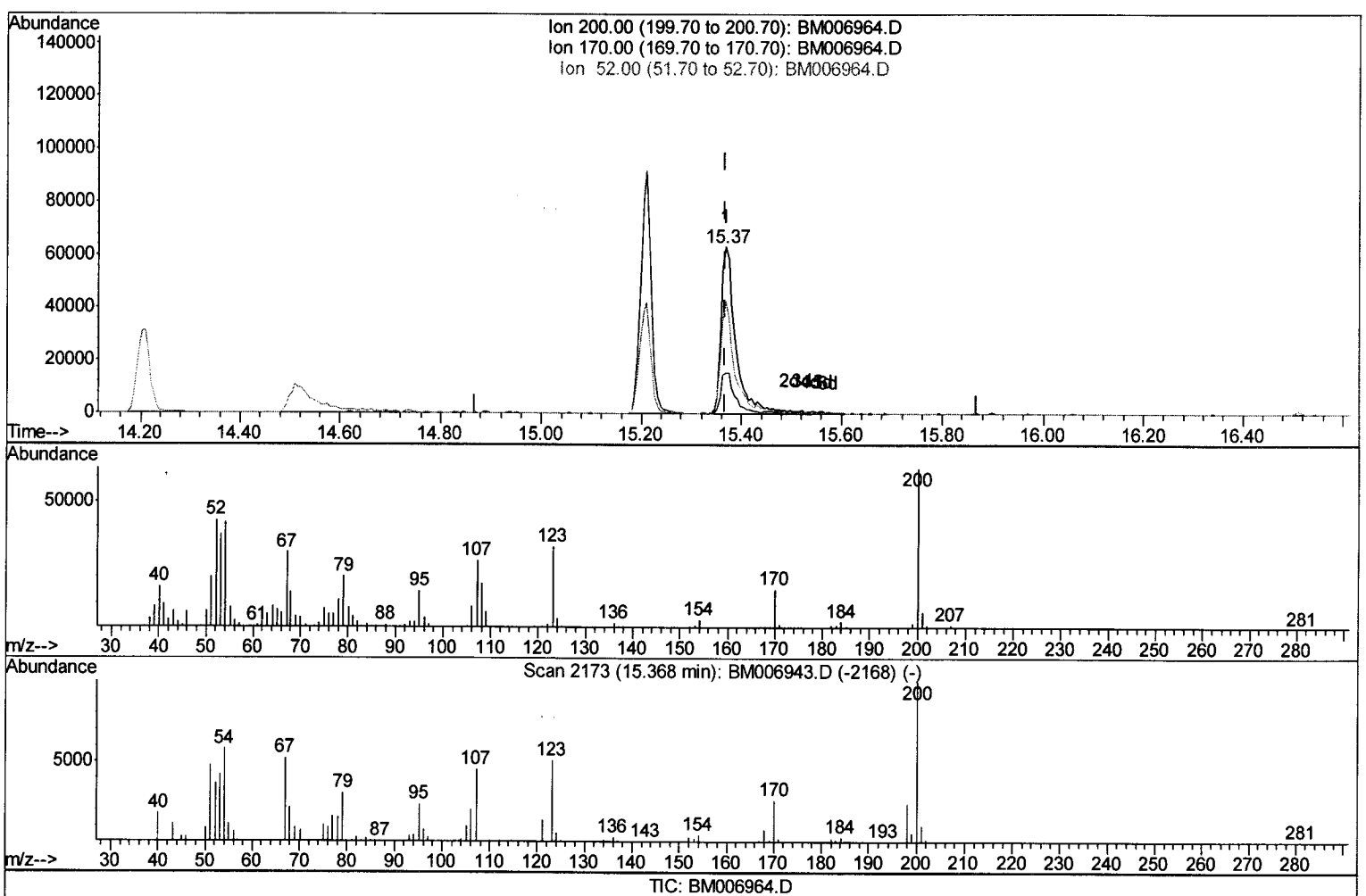
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(24) 4,6-Dinitro-2-methylphenol-d2 (S)

15.369min (+0.000) 22.42ng/ul m U.M
 response 129093 08/11/16

Ion	Exp%	Act%
200.00	100	100
170.00	28.10	24.37
52.00	93.50	67.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

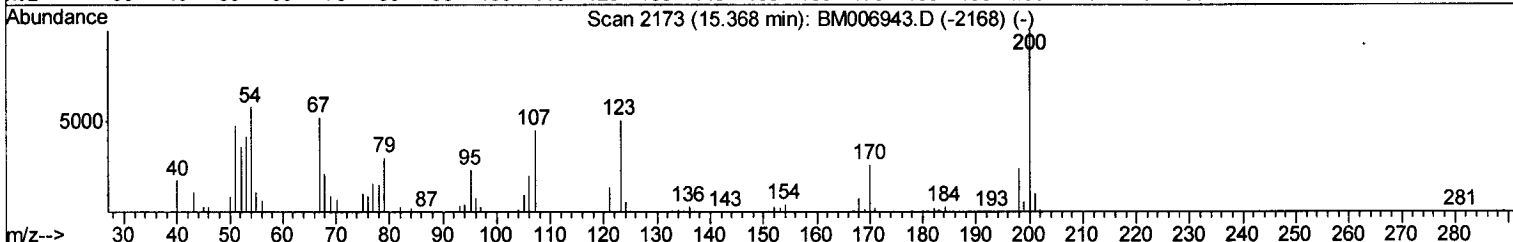
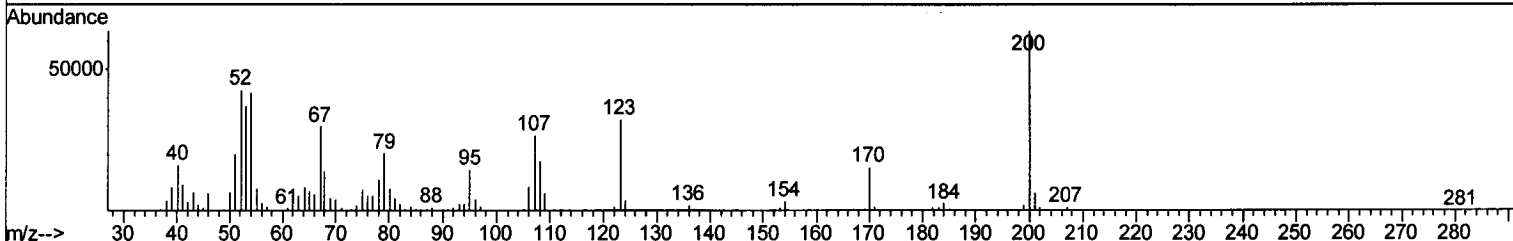
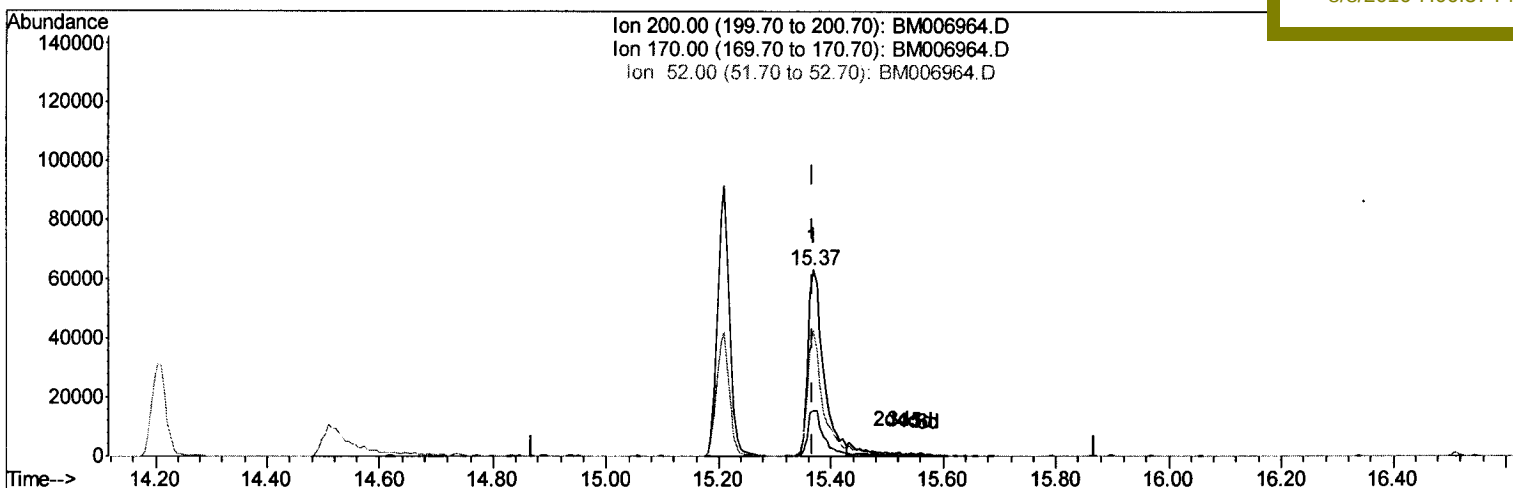
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(24) 4,6-Dinitro-2-methylphenol-d2 (S)

15.369min (+0.000) 21.33ng/ul

response 122826

Ion	Exp%	Act%
200.00	100	100
170.00	28.10	24.37
52.00	93.50	67.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

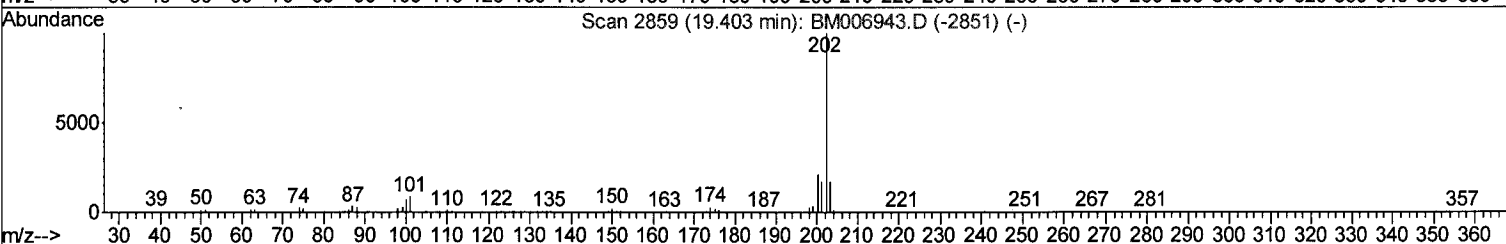
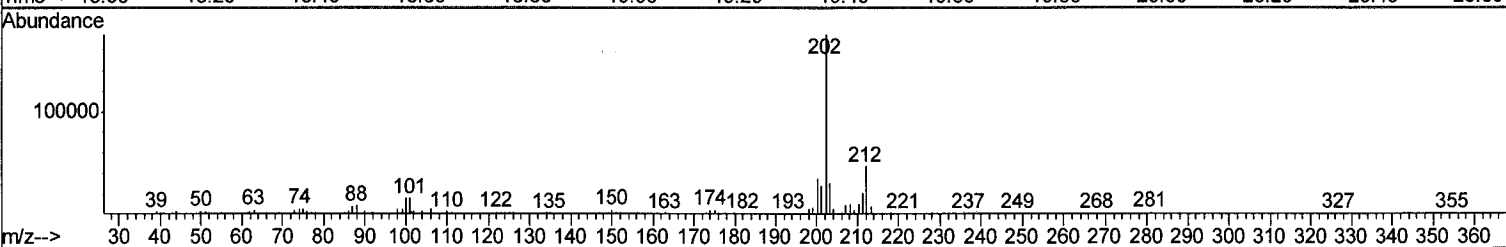
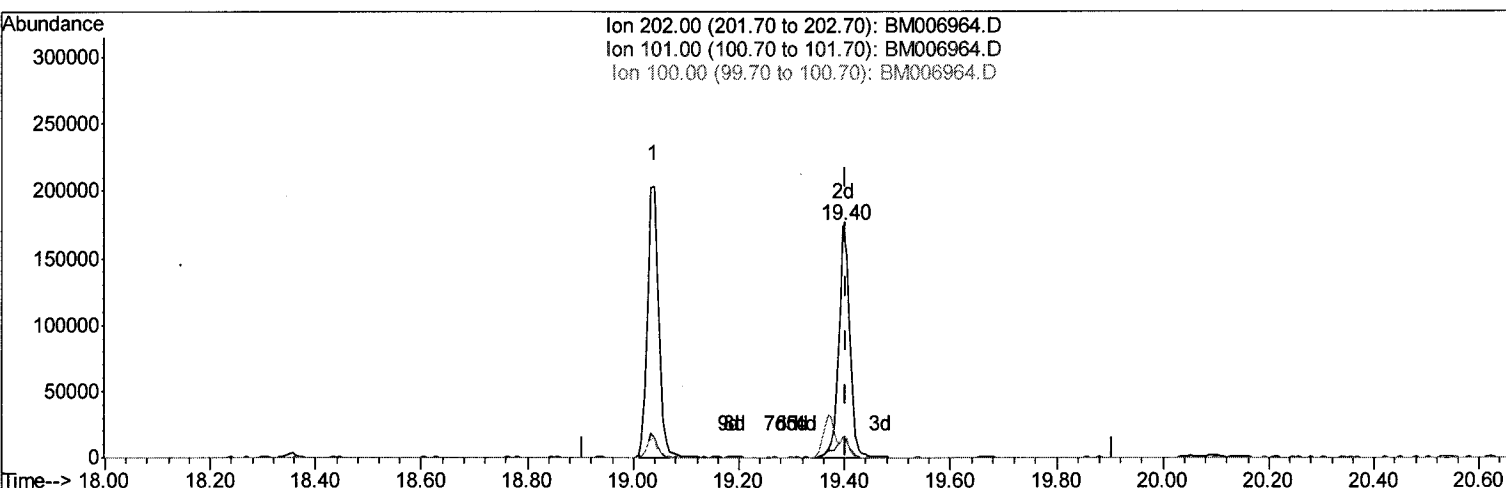
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TIC: BM006964.D

(31) Pyrene

19.398min (-0.006) 2.86ng/ul m U.M

response 256322

Ion	Exp%	Act%
202.00	100	100
101.00	8.00	9.04
100.00	6.80	8.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

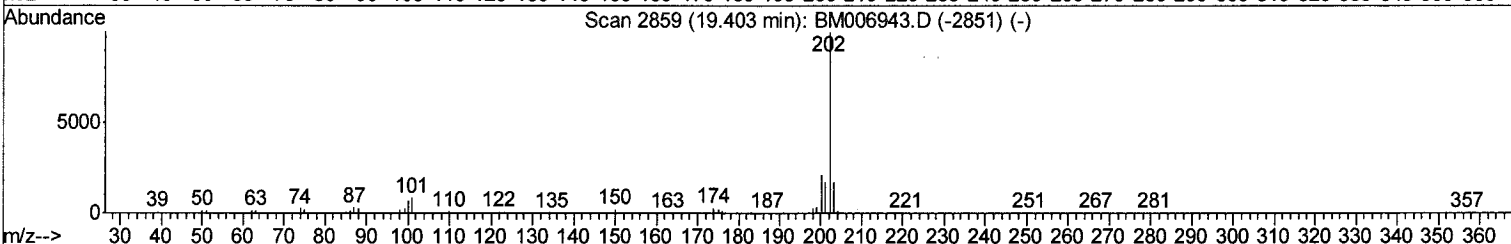
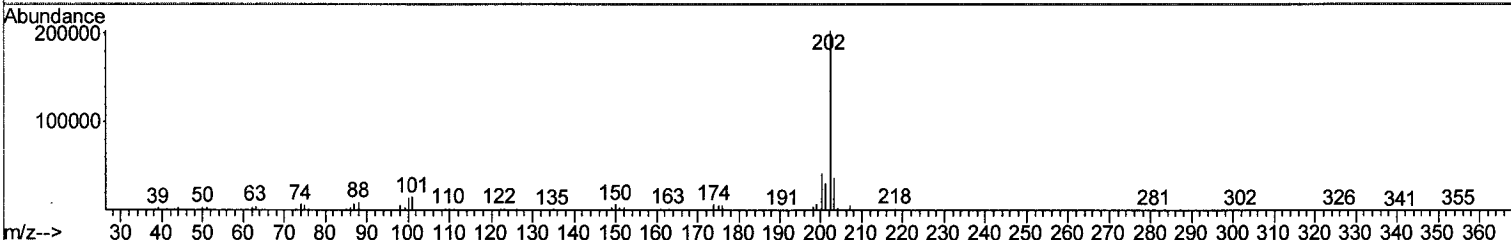
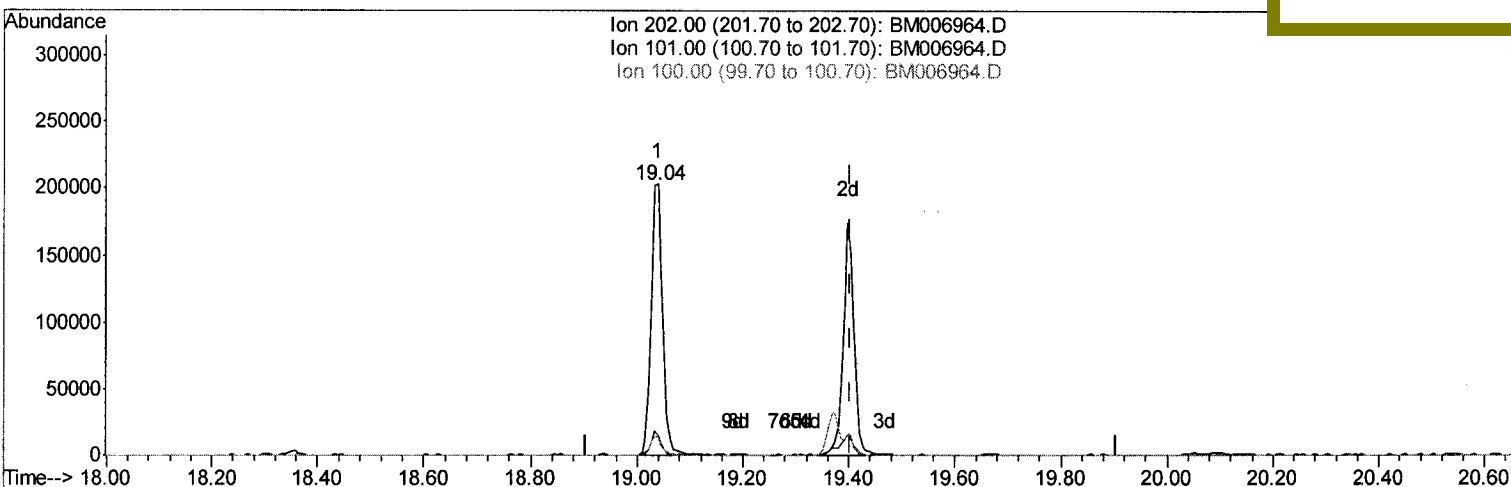
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
 Data File : BM006964.D
 Acq On : 07 Aug 2016 07:31
 Operator : UM/SJ
 Sample : H4302-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DA0J7

Quant Time: Aug 08 03:54:56 2016
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TIC: BM006964.D

(31) Pyrene

19.039min (-0.364) 3.37ng/ul

response 302020

Ion	Exp%	Act%
202.00	100	100
101.00	8.00	7.46
100.00	6.80	6.85
0.00	0.00	0.00

Quantitation Report (Qedit)

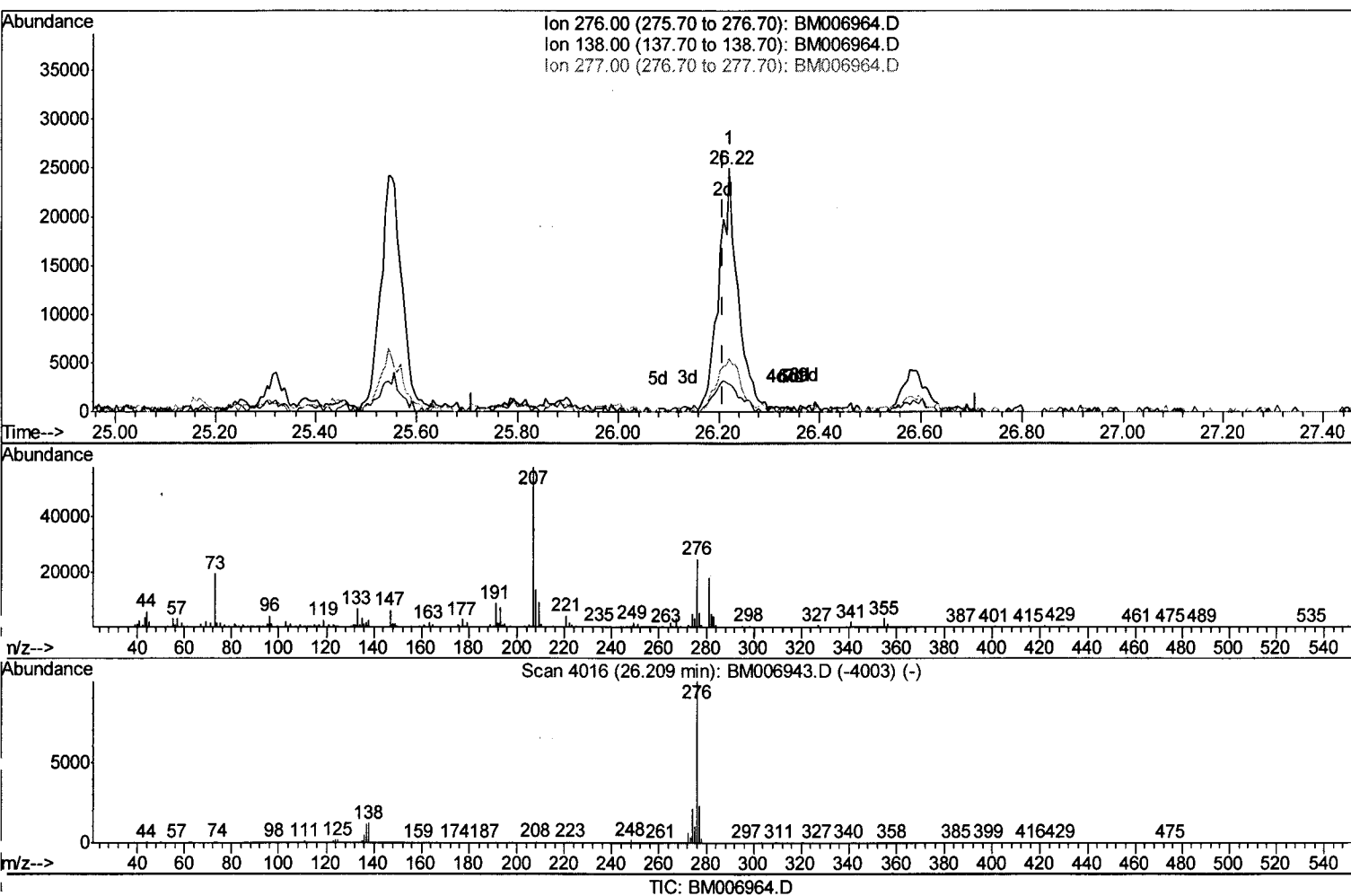
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
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 Operator : UM/SJ
 Sample : H4302-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAQJ7

Manual Integrations
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(41) Benzo(g,h,i)perylene

26.221min (+0.012) 1.30ng/ul m U.M
 response 66109 08/11/16

Ion	Exp%	Act%
276.00	100	100
138.00	13.60	11.47
277.00	23.20	21.79
0.00	0.00	0.00

Quantitation Report (Qedit)

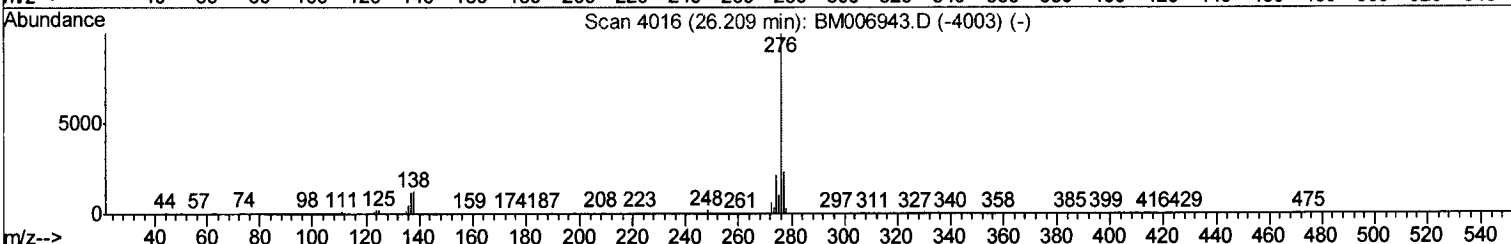
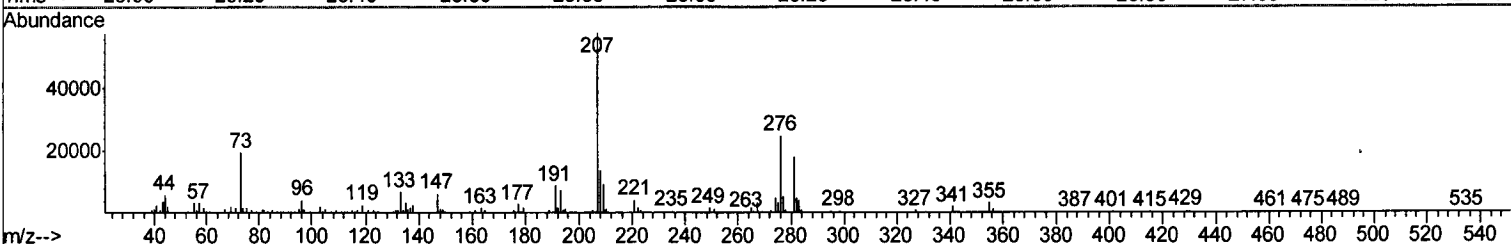
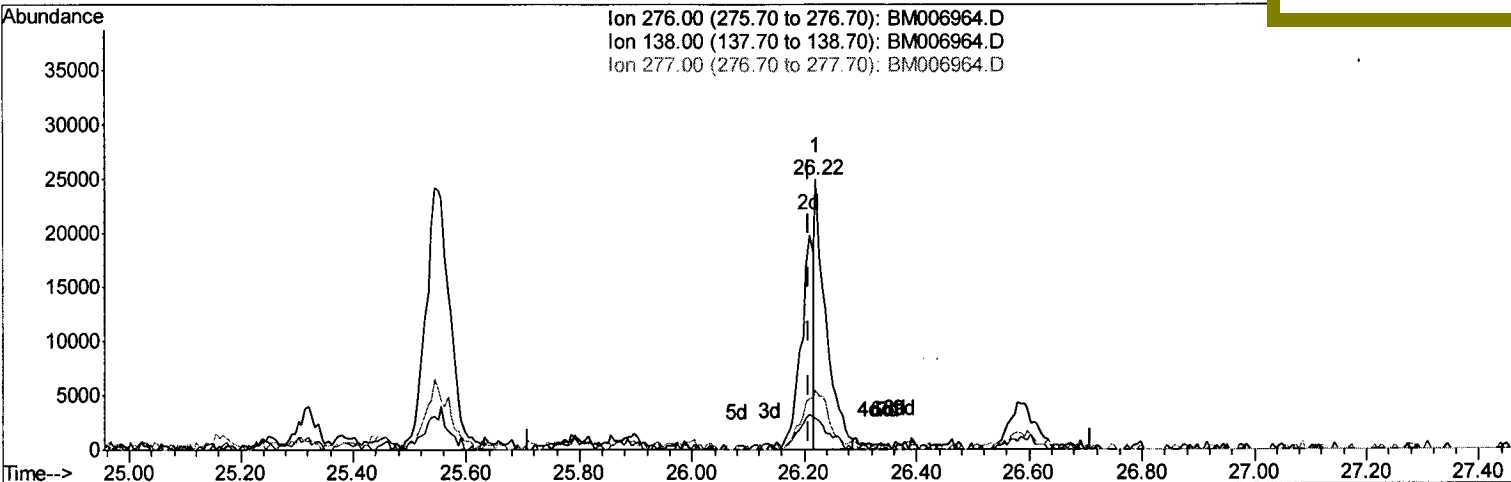
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 Acq On : 07 Aug 2016 07:31
 Operator : UM/SJ
 Sample : H4302-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA0J7

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sohil
 8/8/2016 7:06:37 PM



TIC: BM006964.D

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

26.221min (+0.012) 0.69ng/ul

response 35250

Ion	Exp%	Act%
276.00	100	100
138.00	13.60	11.47
277.00	23.20	21.79
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	7.55	152	171017	20.00	ng/ul	0.00
7) Naphthalene-d8	10.32	136	846398	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.20	164	575633	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.96	188	1394706	20.00	ng/ul	0.00
29) Chrysene-d12	21.17	240	1443166	20.00	ng/ul	0.00
34) Perylene-d12	23.36	264	1073183	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.09	96	7555	2.02	ng/uL	0.00
3) Phenol-d5	6.77	99	298593	18.41	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	246310	24.22	ng/ul	0.00
5) 2-Chlorophenol-d4	7.10	132	250313	21.62	ng/ul	0.00
6) 4-Methylphenol-d8	8.29	113	220191	16.27	ng/ul	0.00
8) Nitrobenzene-d5	8.72	128	140901	22.41	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	163878	21.77	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.98	165	293602	20.57	ng/ul	0.00
12) 4-Chloroaniline-d4	10.49	131	383931m	22.53	ng/ul	0.00
16) Dimethylphthalate-d6	13.63	166	1226925	24.22	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	1387006	23.67	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	123900	16.86	ng/ul	0.02
21) Fluorene-d10	15.21	176	1055893	24.52	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.37	200	129093m	22.42	ng/ul	0.00
26) Anthracene-d10	17.06	188	1644549	24.41	ng/ul	0.00
30) Pyrene-d10	19.37	212	1887121	27.43	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.22	264	1255178	24.56	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.00	178	187390	2.40	ng/ul	96
28) Fluoranthene	19.04	202	302020	3.18	ng/ul#	97
31) Pyrene	19.40	202	256322m	2.86	ng/ul	
32) Benzo(a)anthracene	21.16	228	137234	1.60	ng/ul	95
33) Chrysene	21.21	228	116720	1.55	ng/ul	98
35) Benzo(b)fluoranthene	22.72	252	157956	2.26	ng/ul	99
38) Benzo(a)pyrene	23.26	252	91592	1.44	ng/ul#	89
39) Indeno(1,2,3-cd)pyrene	25.54	276	71263	1.11	ng/ul	96
41) Benzo(g,h,i)perylene	26.22	276	66109m	1.30	ng/ul	

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