

(QT Reviewed)

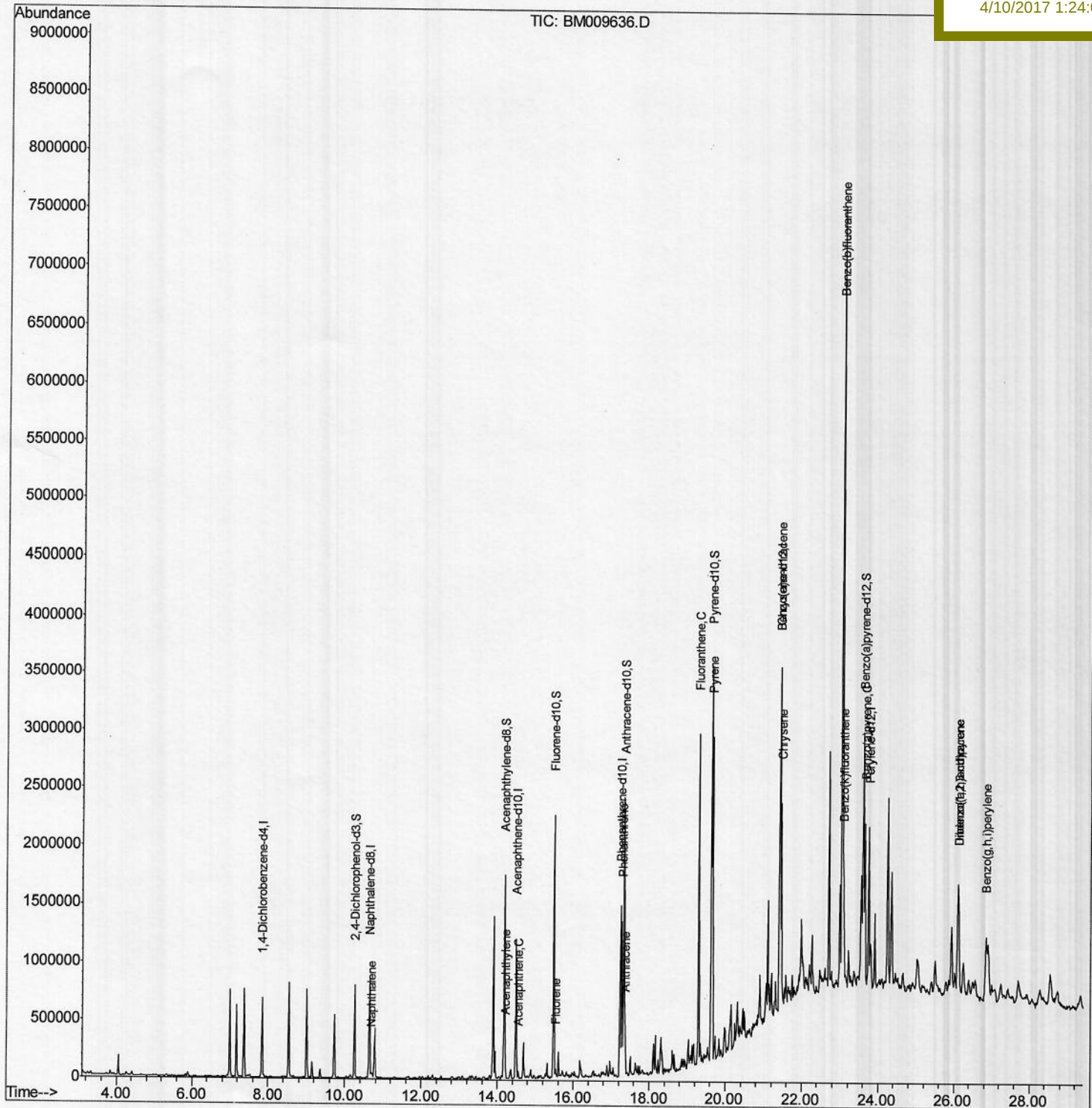
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Data Path : Z:\HPCHEM1\BNA M\DATA\BM040817\  
Data File : BM009636.D  
Acq On : 07 Apr 2017 19:26  
Operator : SJ/MA  
Sample : I2526-15  
Misc :  
ALS Vial : 18 Sample Multiplier: 1
```

Quant Time: Apr 08 01:49:02 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 08 01:45:48 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB391

Manual Integrations APPROVED

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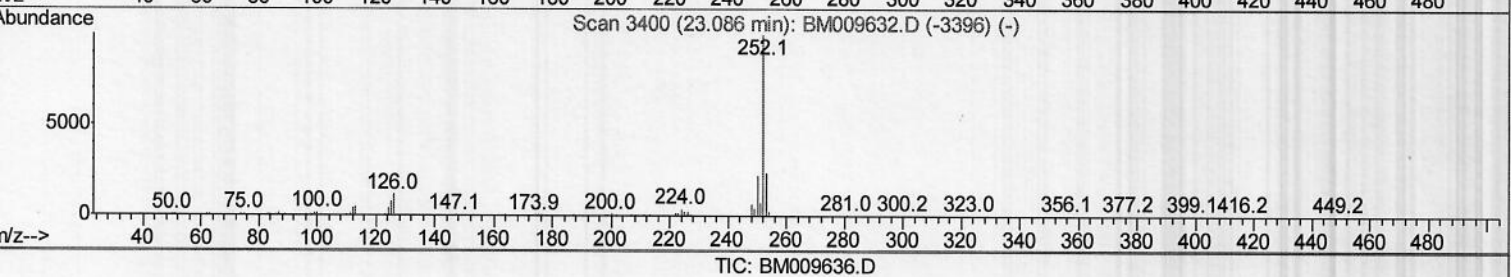
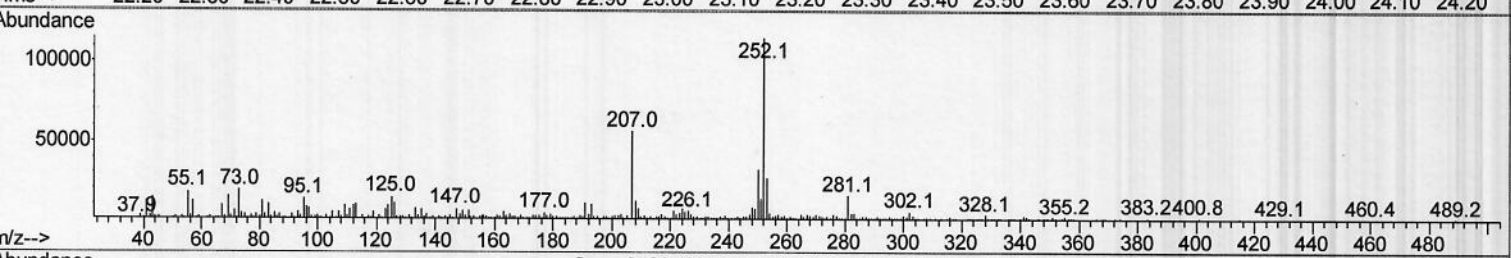
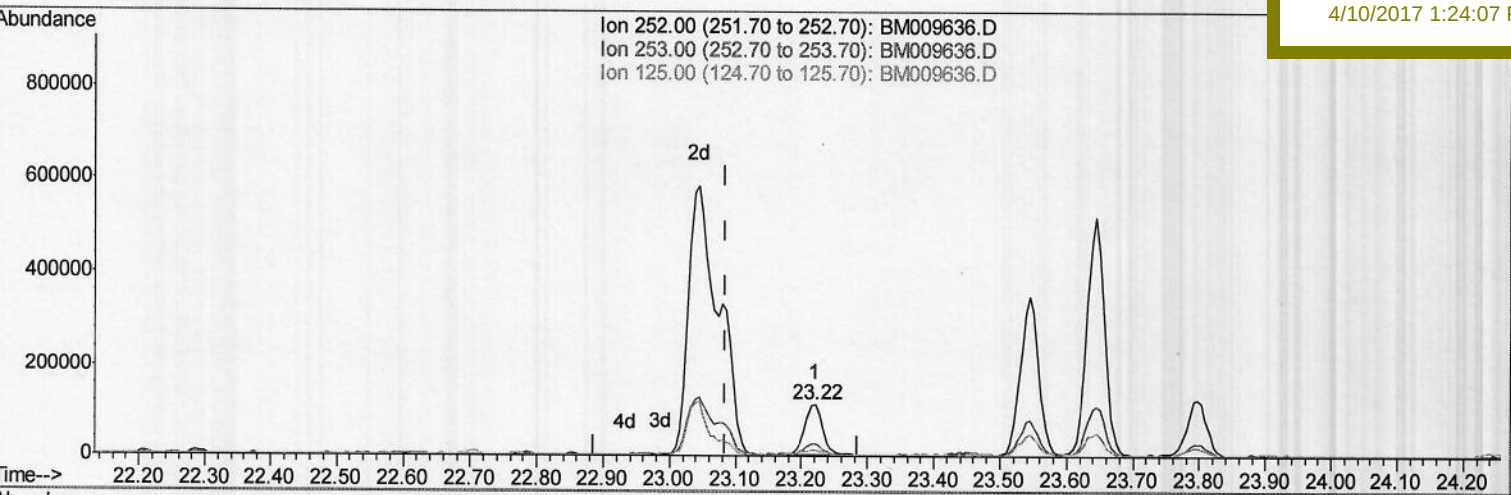
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(25) Benzo(k)fluoranthene

23.221min (+0.135) 3.43ng/ul

response 205080

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.77
125.00	11.00	12.64
0.00	0.00	0.00

Quantitation Report (Qedit)

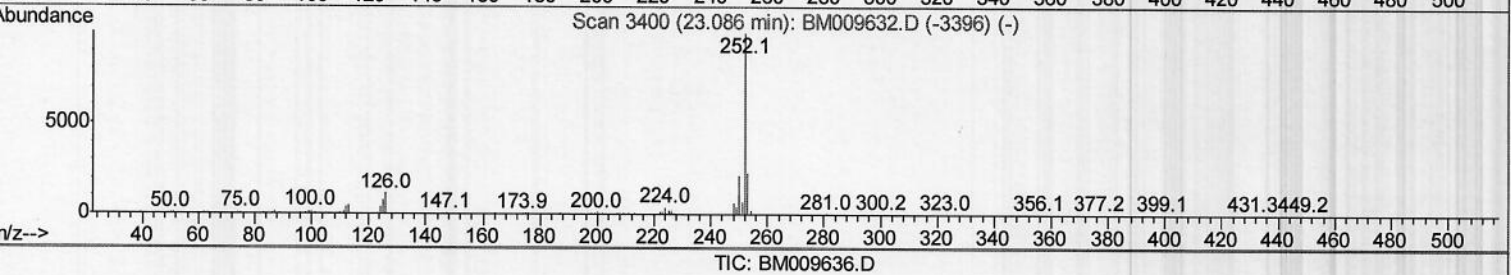
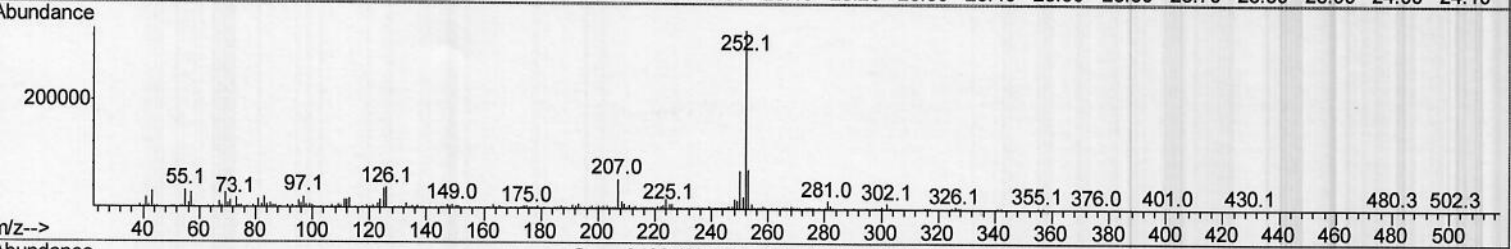
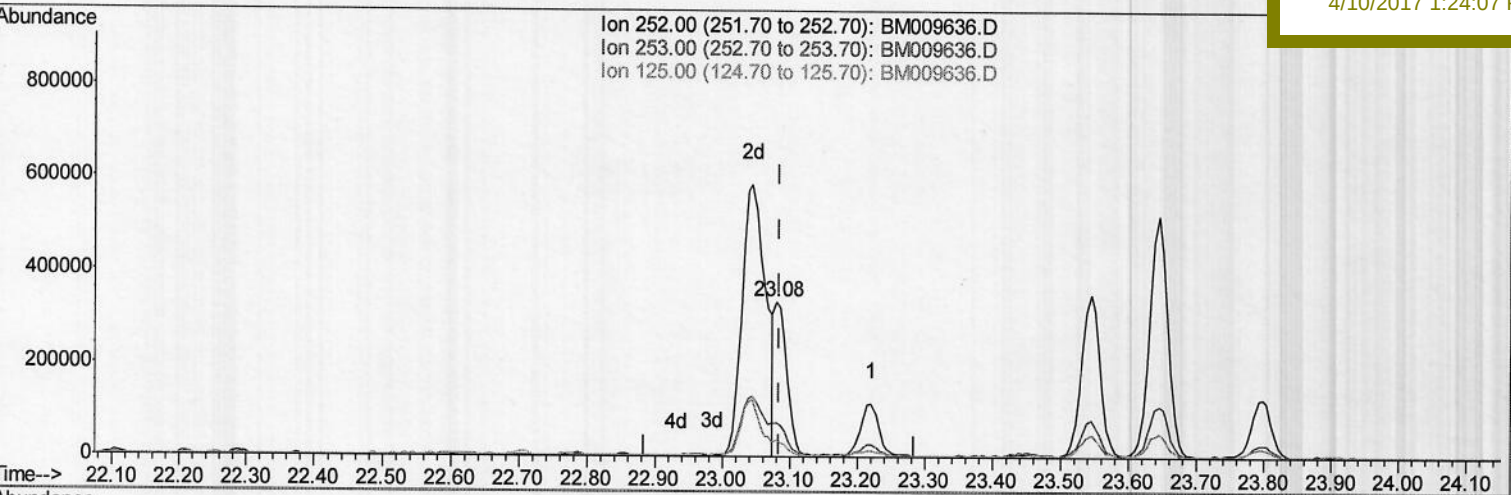
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(25) Benzo(k)fluoranthene

23.080min (-0.006) 7.09ng/ul m > 55
 response 423263 04/10/2017

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.96
125.00	11.00	10.75
0.00	0.00	0.00

Quantitation Report (Qedit)

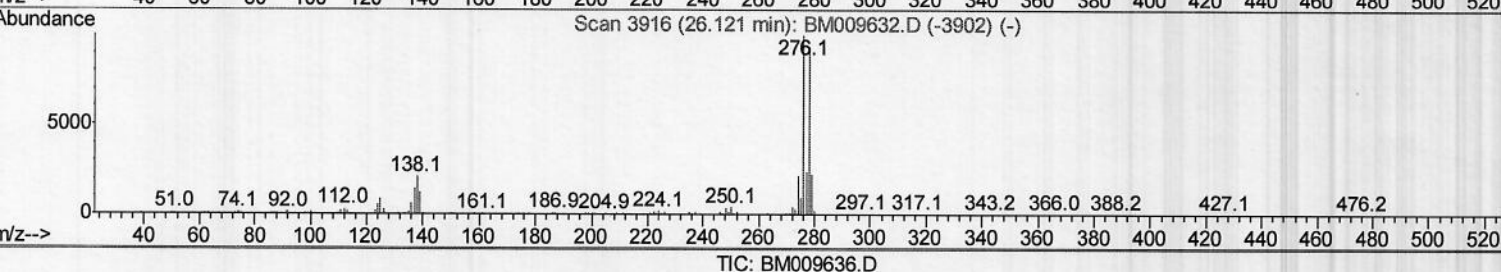
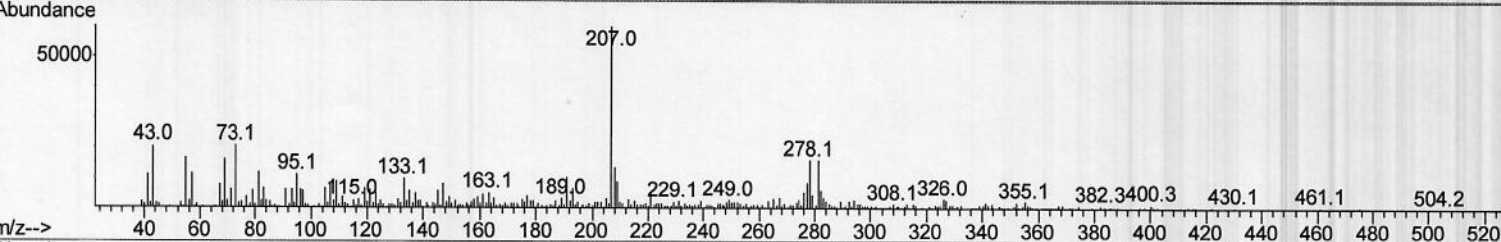
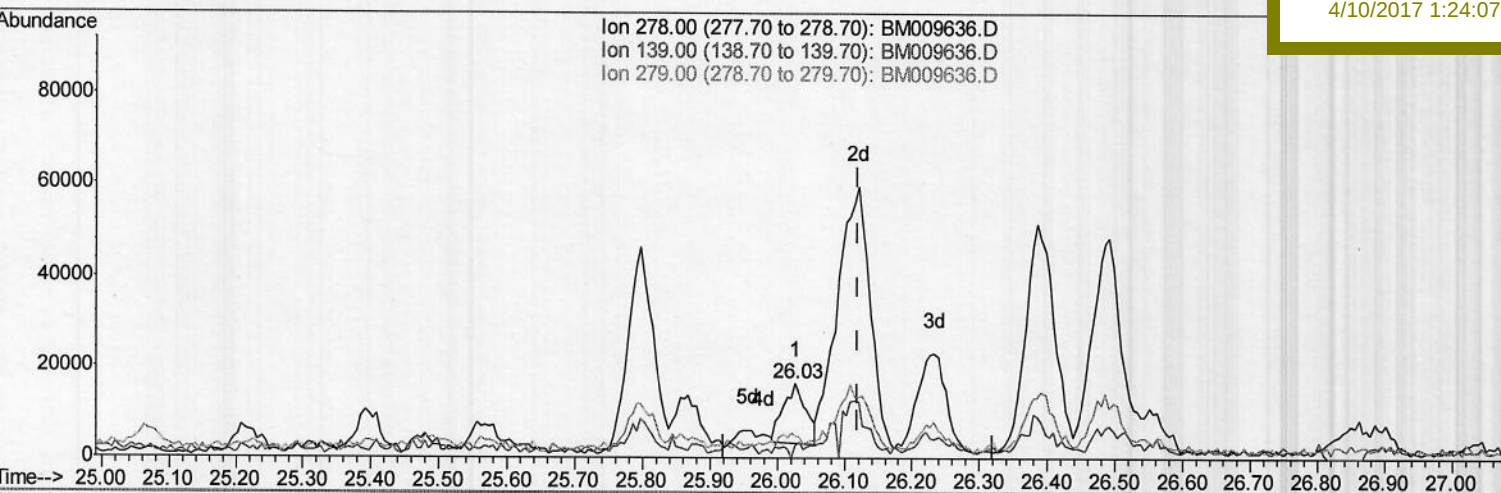
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(29) Dibenzo(a,h)anthracene

26.027min (-0.094) 0.54ng/ul

response 30748

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	16.51
279.00	25.80	30.29
0.00	0.00	0.00

Quantitation Report (Qedit)

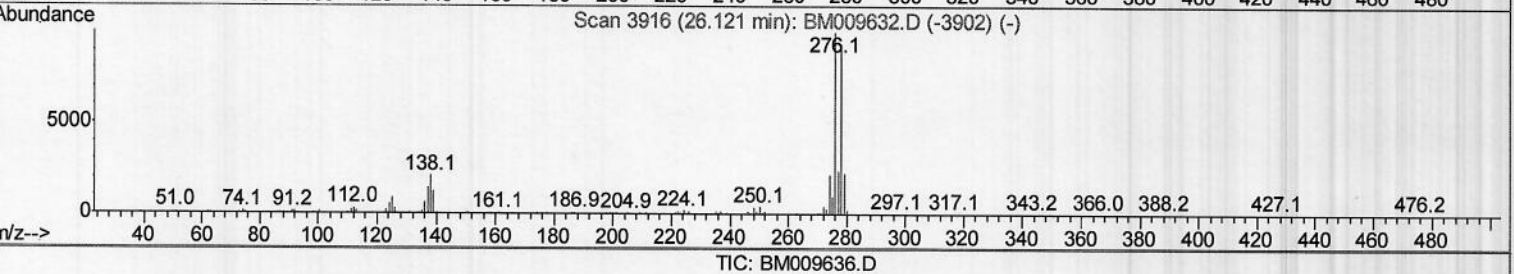
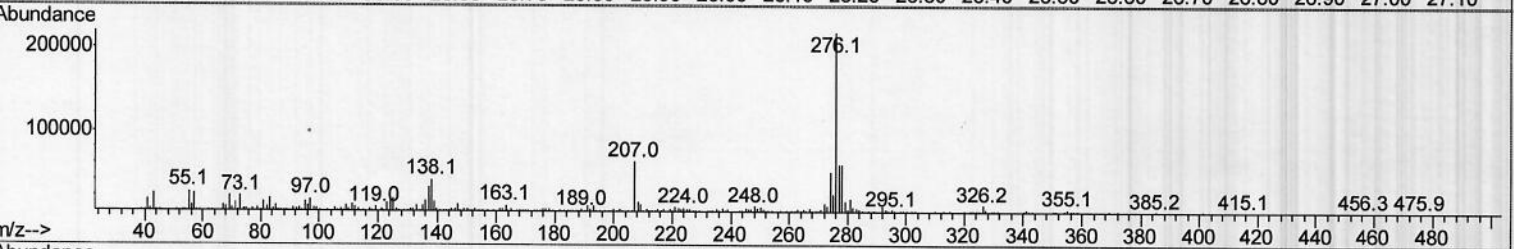
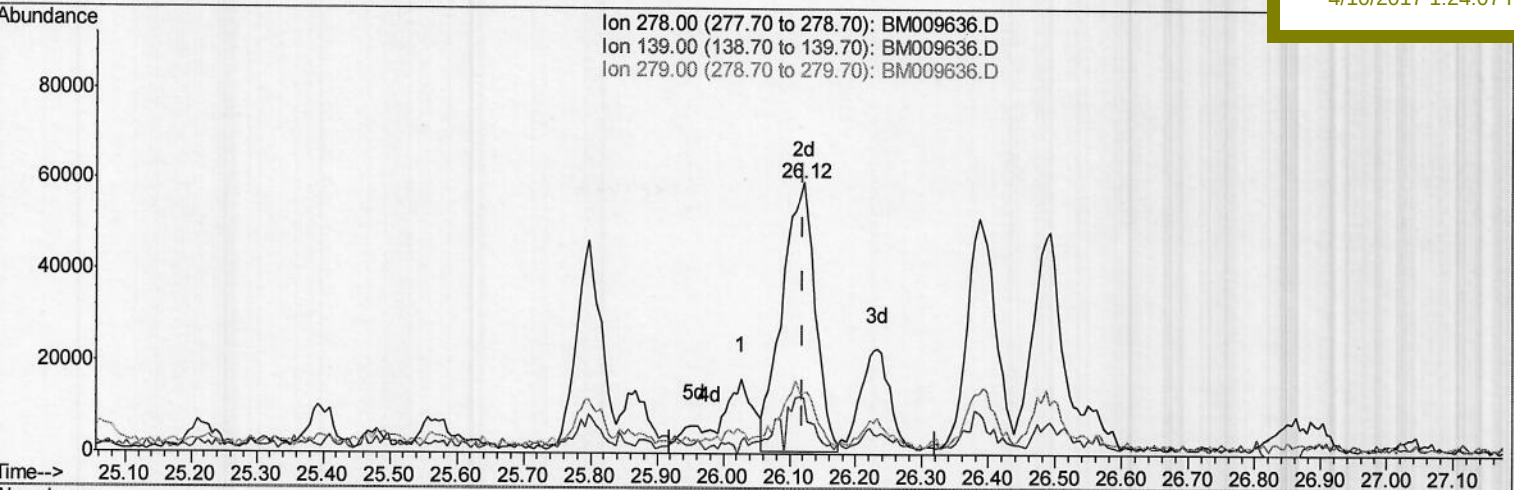
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(29) Dibenzo(a,h)anthracene

26.121min (+0.000) 3.60ng/ul m

response 204293

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	20.61
279.00	25.80	22.20
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	7.84	152	160895	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	622942	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	350790	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.24	188	808872	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1035959	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1013198	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.25	165	252313	26.34	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1109841	32.28	ng/ul	0.00
10) Fluorene-d10	15.48	176	781655	31.61	ng/ul	0.00
15) Anthracene-d10	17.33	188	1257704	32.50	ng/ul	0.00
19) Pyrene-d10	19.63	212	1504194	35.33	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	1473164	32.93	ng/ul	0.00
Target Compounds						
4) Naphthalene	10.69	128	32580	1.02	ng/ul#	95
8) Acenaphthylene	14.21	152	73014	2.12	ng/ul	96
9) Acenaphthene	14.55	153	25237	1.06	ng/ul#	87
11) Fluorene	15.53	166	29624	1.02	ng/ul	95
14) Phenanthrene	17.28	178	739221	16.26	ng/ul	97
16) Anthracene	17.37	178	187196	3.98	ng/ul	100
17) Fluoranthene	19.30	202	1675342	29.58	ng/ul	96
20) Pyrene	19.66	202	1633628	28.96	ng/ul	94
21) Benzo(a)anthracene	21.40	228	989750	16.90	ng/ul	98
22) Chrysene	21.46	228	944636	17.59	ng/ul	97
24) Benzo(b)fluoranthene	23.04	252	1420568	22.67	ng/ul#	92
25) Benzo(k)fluoranthene	23.08	252	423263m	7.09	ng/ul	94
27) Benzo(a)pyrene	23.64	252	955984	16.05	ng/ul	
28) Indeno(1,2,3-cd)pyrene	26.11	276	671911	10.06	ng/ul#	
29) Dibenzo(a,h)anthracene	26.12	278	204293m	3.60	ng/ul	
30) Benzo(a,h,i)perylene	26.85	276	663504	12.05	ng/ul#	90

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 04/10/2017

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