

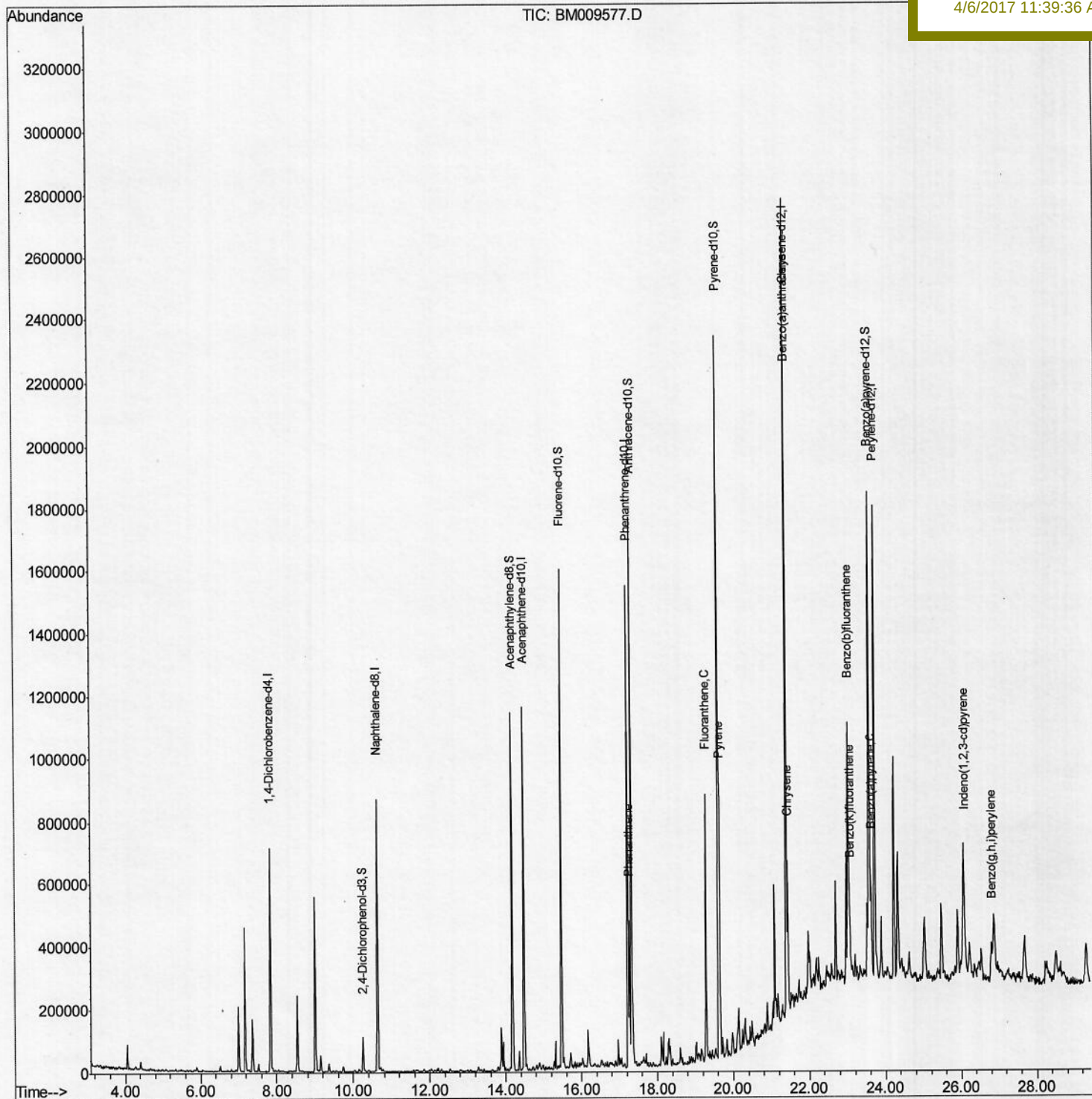
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
Data File : BM009577.D
Acq On : 06 Apr 2017 02:45
Operator : SJ/MA
Sample : I2524-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 06 04:11:11 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 06 03:48:05 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB362

Manual Integrations
APPROVED

mohammad
4/6/2017 11:39:36 AM



Quantitation Report (Qedit)

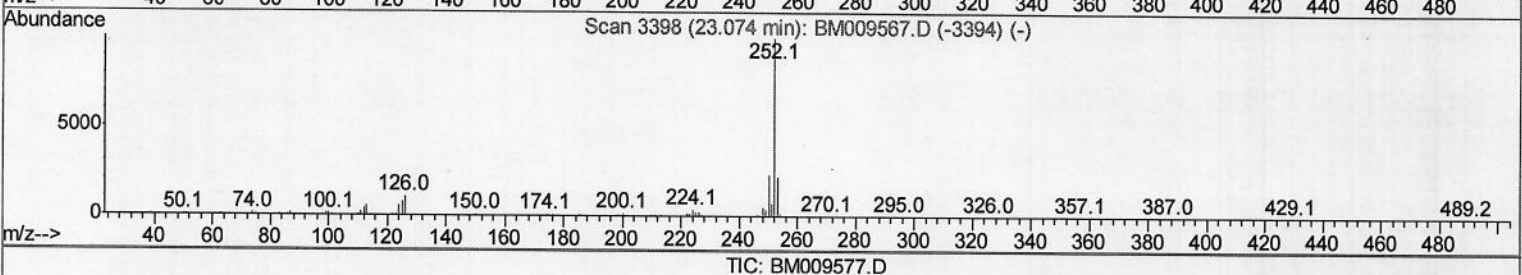
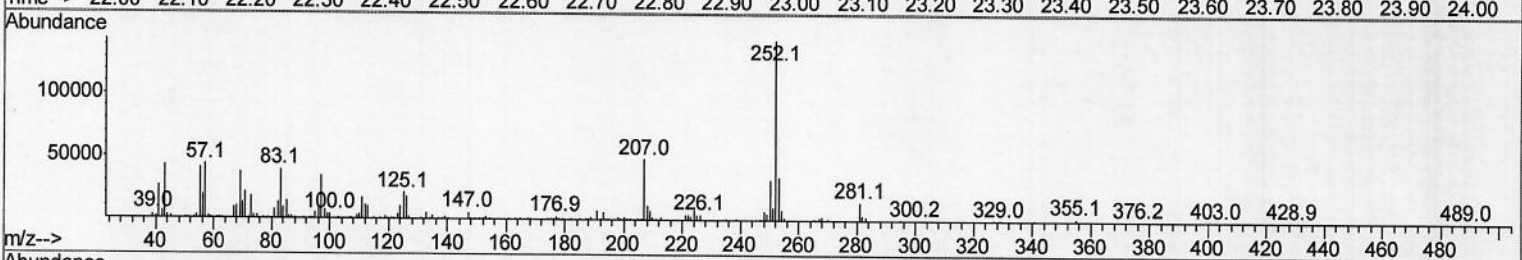
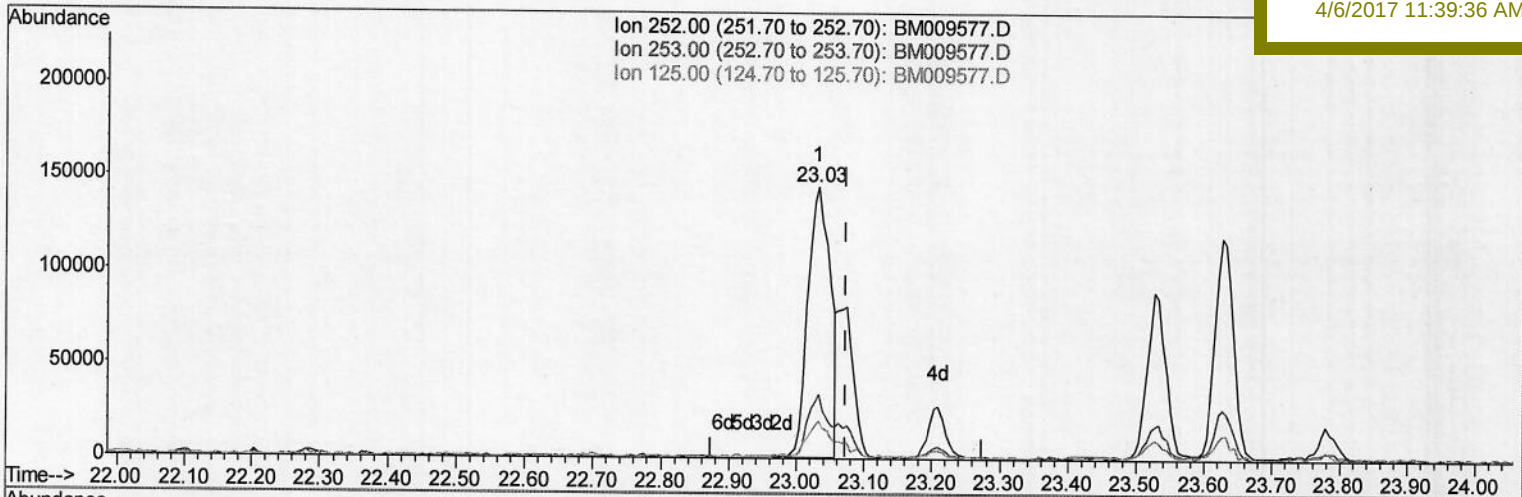
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
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 Acq On : 06 Apr 2017 02:45
 Operator : SJ/MA
 Sample : I2524-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 06 03:50:33 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
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(25) Benzo(k)fluoranthene
 23.033min (-0.041) 5.13ng/ul
 response 331635

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.62
125.00	11.00	14.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

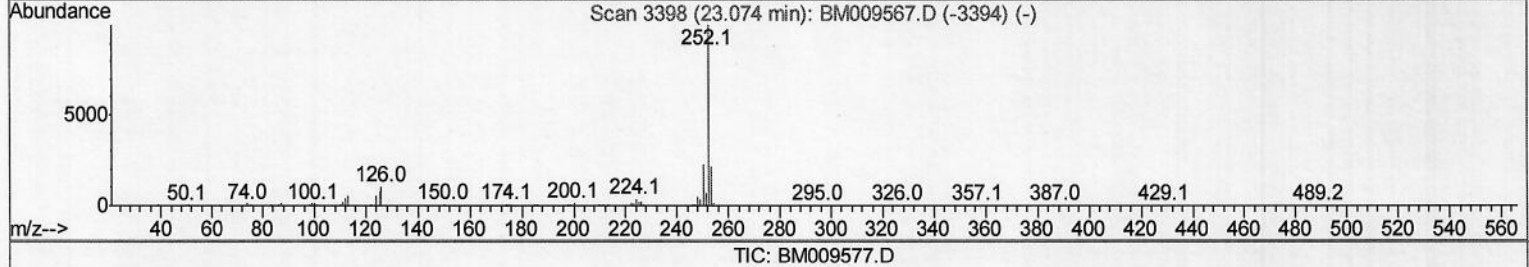
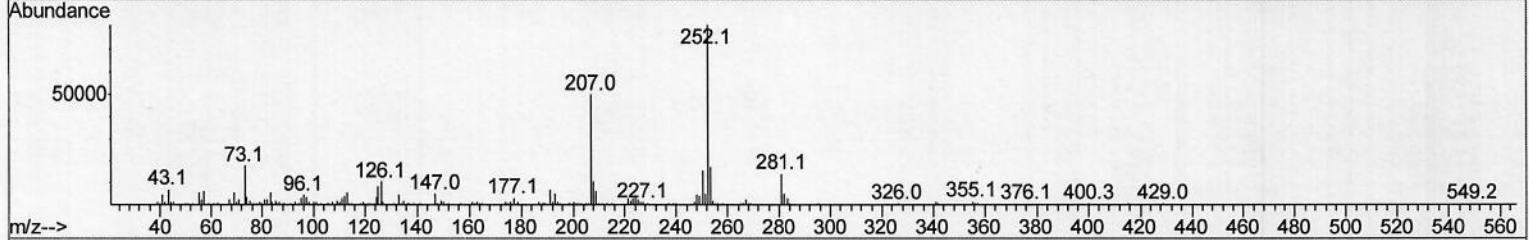
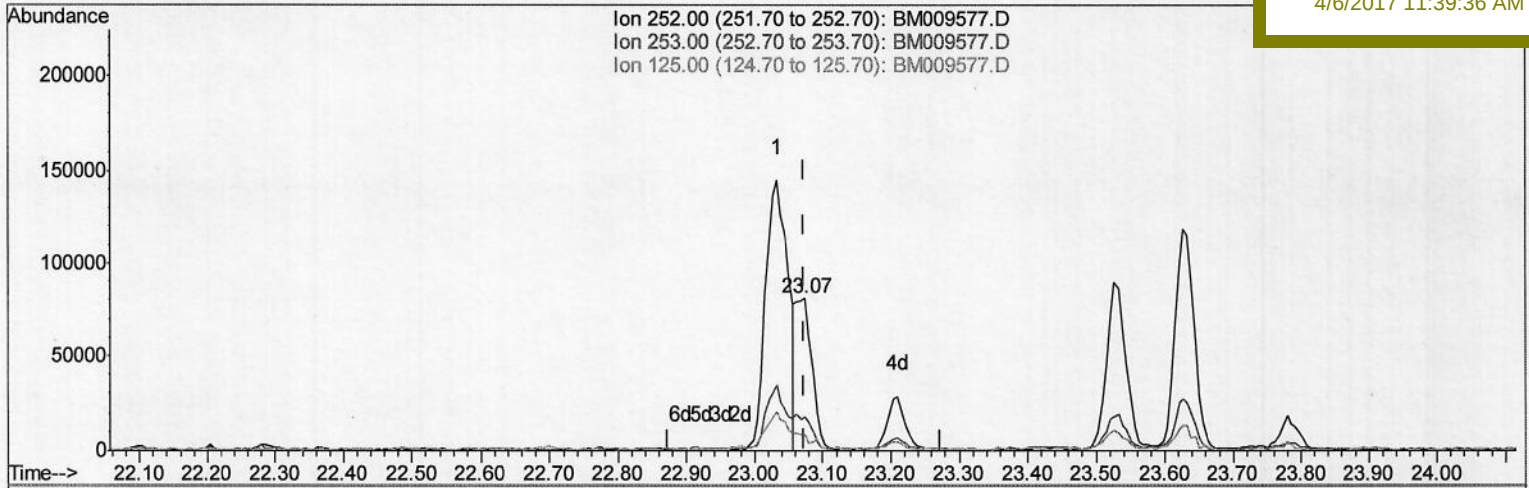
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
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Manual Integrations
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(25) Benzo(k)fluoranthene

23.074min (+0.000) 2.04ng/ul m

response 131615

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.77
125.00	11.00	10.95
0.00	0.00	0.00

55
 04/10/2017

Quantitation Report (Qedit)

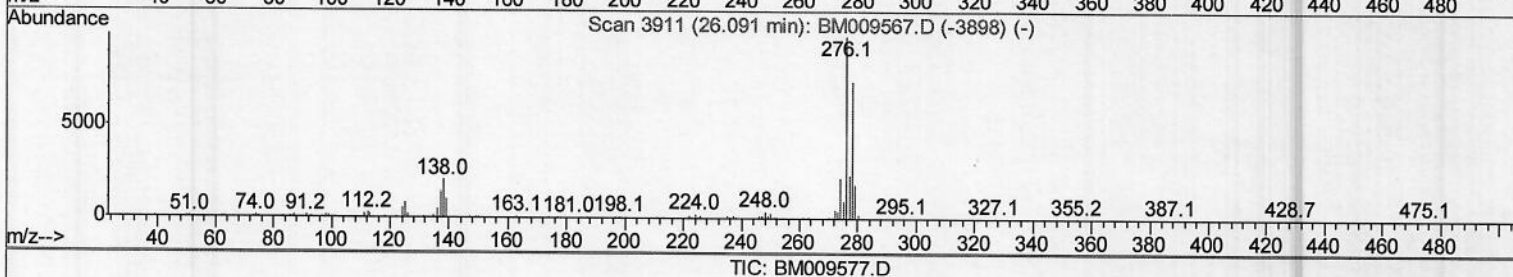
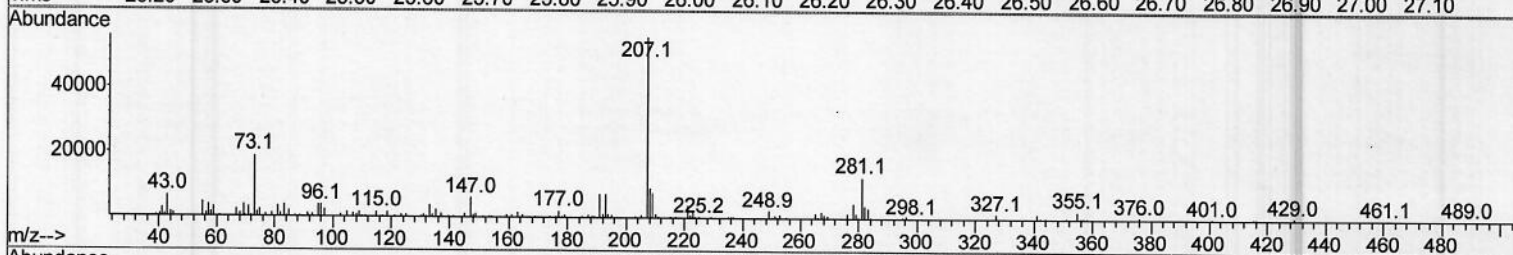
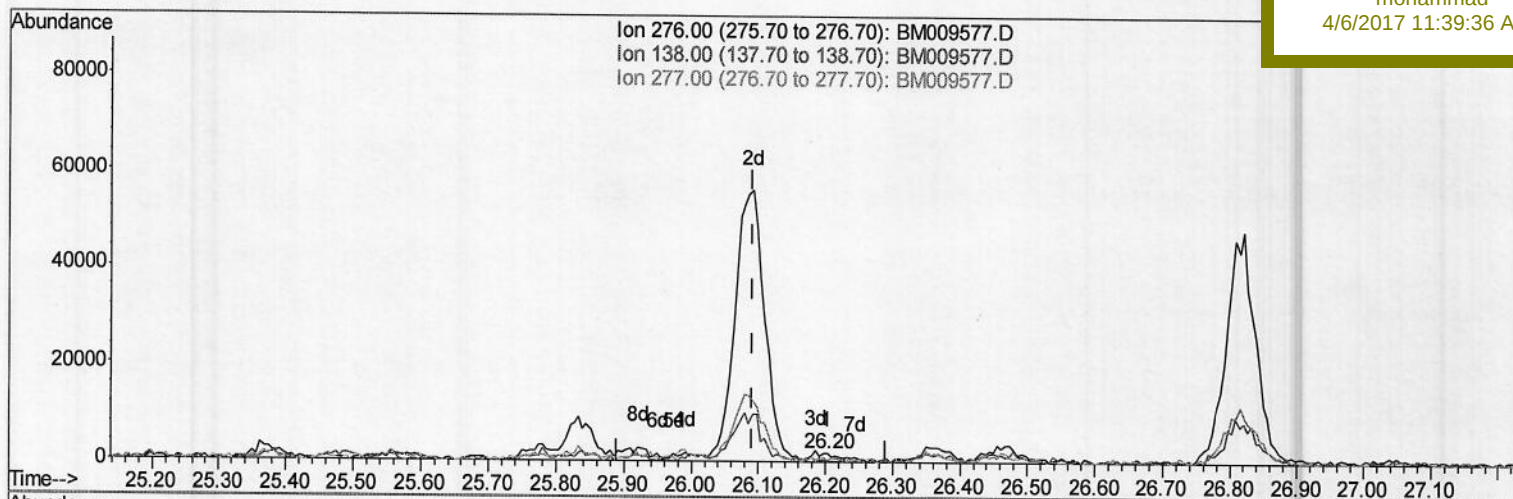
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
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 Acq On : 06 Apr 2017 02:45
 Operator : SJ/MA
 Sample : I2524-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 06 04:10:30 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 06 03:48:05 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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(28) Indeno(1,2,3-cd)pyrene

26.203min (+0.112) 0.03ng/ul

response 2514

Ion	Exp%	Act%
276.00	100	100
138.00	22.20	17.81
277.00	24.20	21.46
0.00	0.00	0.00

Quantitation Report (Qedit)

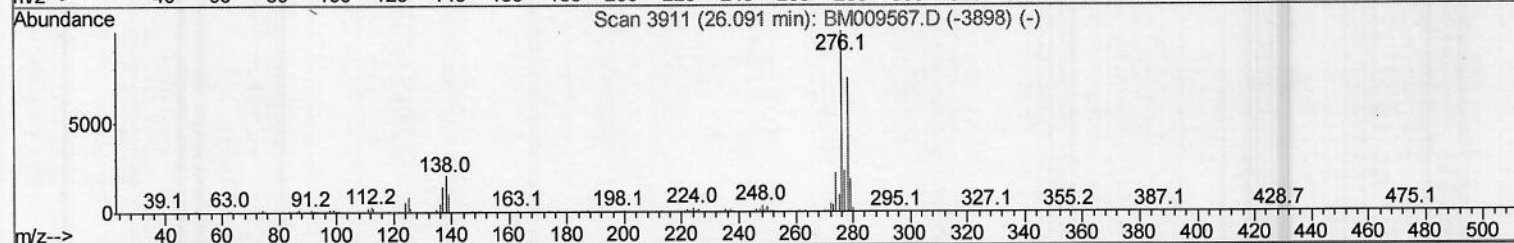
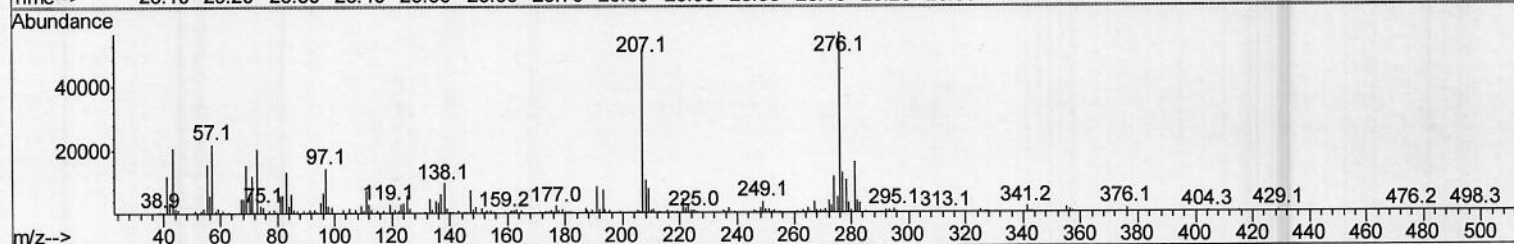
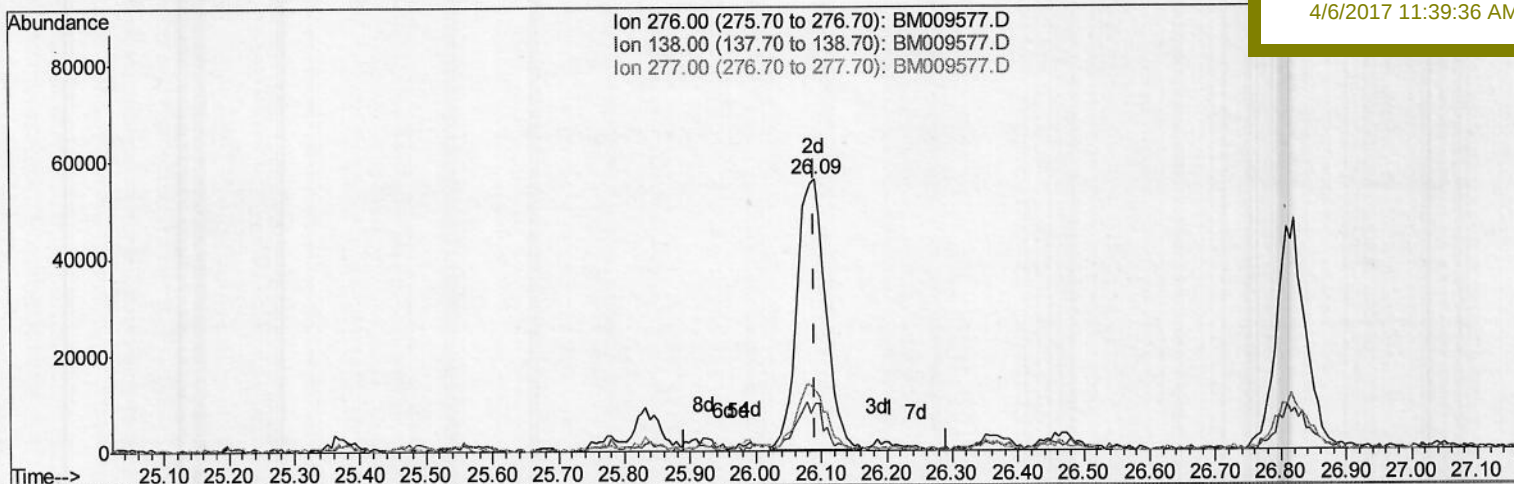
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 Acq On : 06 Apr 2017 02:45
 Operator : SJ/MA
 Sample : I2524-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 06 04:10:30 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 06 03:48:05 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 CB362

Manual Integrations
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TIC: BM009577.D

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

26.091min (+0.000) 2.34ng/ul m

response 169042

Ion	Exp%	Act%
276.00	100	100
138.00	22.20	17.55#
277.00	24.20	22.96
0.00	0.00	0.00

SJ
 04/10/2017

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009577.D
 Acq On : 06 Apr 2017 02:45
 Operator : SJ/MA
 Sample : I2524-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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Instrument :
 BNA_M
 Client Sampled :
 CB362

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	161716	20.00	nq/ul	0.00
2) Naphthalene-d8	10.64	136	622118	20.00	nq/ul	0.00
6) Acenaphthene-d10	14.49	164	352590	20.00	nq/ul	0.00
12) Phenanthrene-d10	17.23	188	819363	20.00	nq/ul	0.00
18) Chrysene-d12	21.41	240	1117797	20.00	nq/ul	0.00
23) Perylene-d12	23.73	264	1096261	20.00	ng/ul	0.00

System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	10.26	165	34828	3.64	nq/uL	0.00
7) Acenaphthylene-d8	14.17	160	731294	21.16	nq/ul	0.00
10) Fluorene-d10	15.48	176	575981	23.17	nq/ul	0.00
15) Anthracene-d10	17.33	188	898139	22.91	nq/ul	0.00
19) Pyrene-d10	19.63	212	1078991	23.49	nq/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	1077617	22.26	ng/ul	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
14) Phenanthrene	17.27	178	253347	5.50	nq/ul	98
17) Fluoranthene	19.29	202	476262	8.30	nq/ul#	94
20) Pyrene	19.66	202	447835	7.36	nq/ul	95
21) Benzo(a)anthracene	21.40	228	264468	4.18	nq/ul	96
22) Chrysene	21.44	228	267789	4.62	nq/ul	97
24) Benzo(b)fluoranthene	23.03	252	331635	4.89	nq/ul#	96
25) Benzo(k)fluoranthene	23.07	252	131615m	2.04	nq/ul	97
27) Benzo(a)pyrene	23.63	252	222827	3.46	nq/ul	97
28) Indeno(1,2,3-cd)pyrene	26.09	276	169042m	2.34	nq/ul	97
30) Benzo(g,h,i)perylene	26.82	276	145418	2.44	nq/ul#	90

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

SJ
 04/10/2017