

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031518\

Data File : BM014599.D

Acq On : 16 Mar 2018 04:52

Operator : SJ/JU

Sample : J1904-15

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 26 12:10:48 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 16 15:09:29 2018

Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

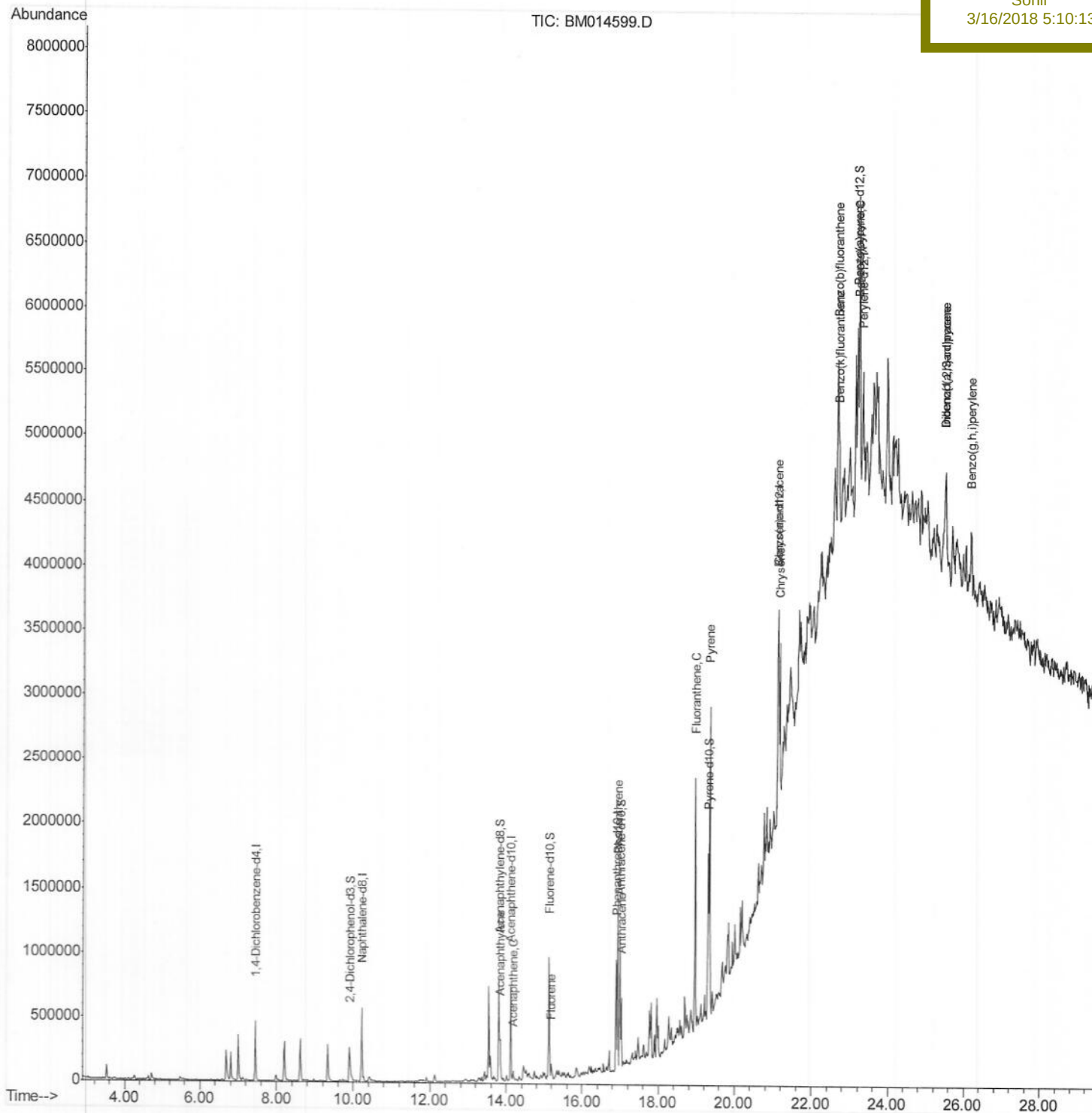
BEL38

Manual Integrations

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Sohil

3/16/2018 5:10:13 PM



Quantitation Report (Qedit)

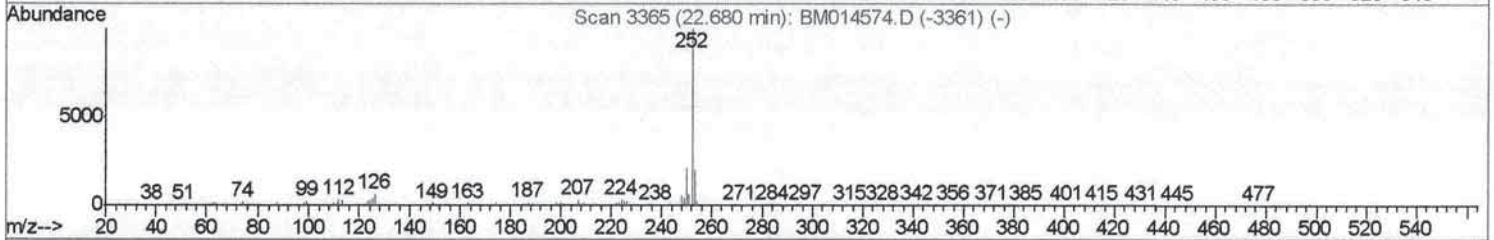
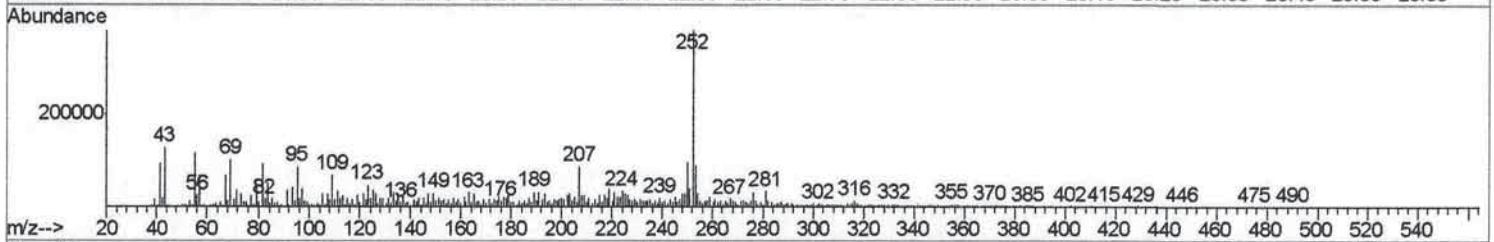
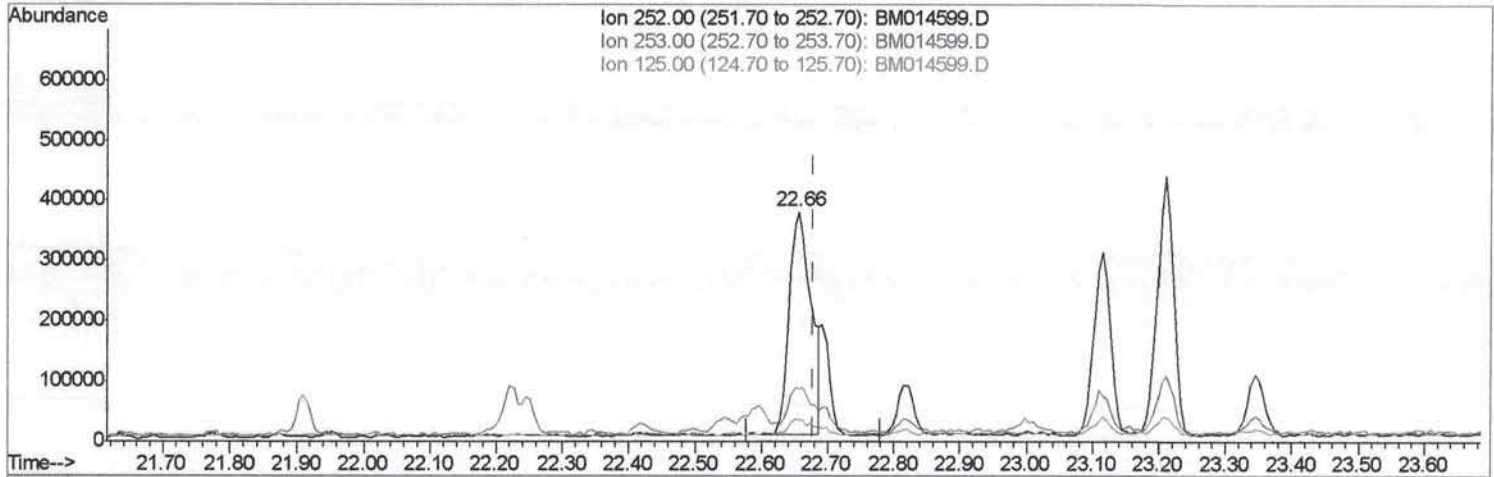
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(25) Benzo(k)fluoranthene

22.656min (-0.024) 30.94ng/ul

response 851609

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.34
125.00	4.30	9.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

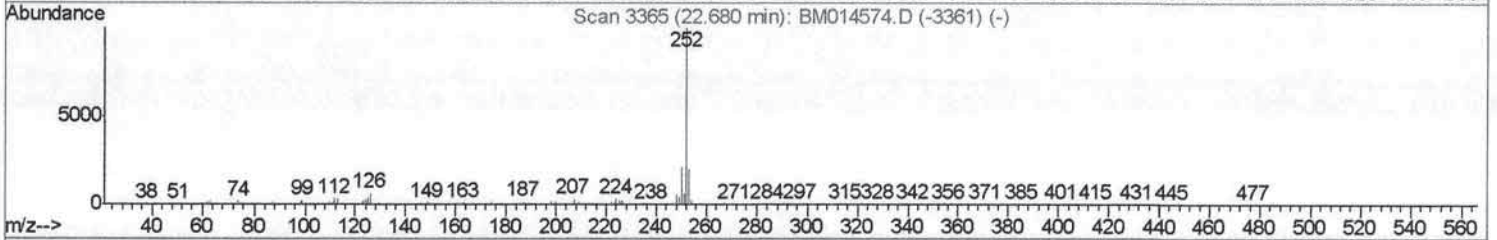
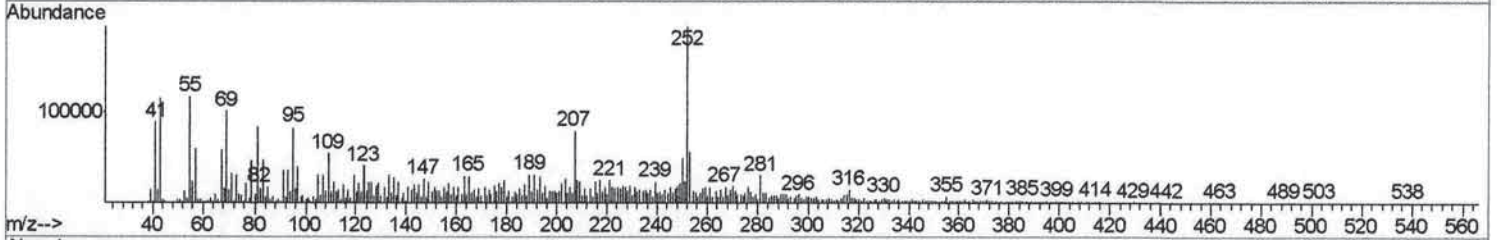
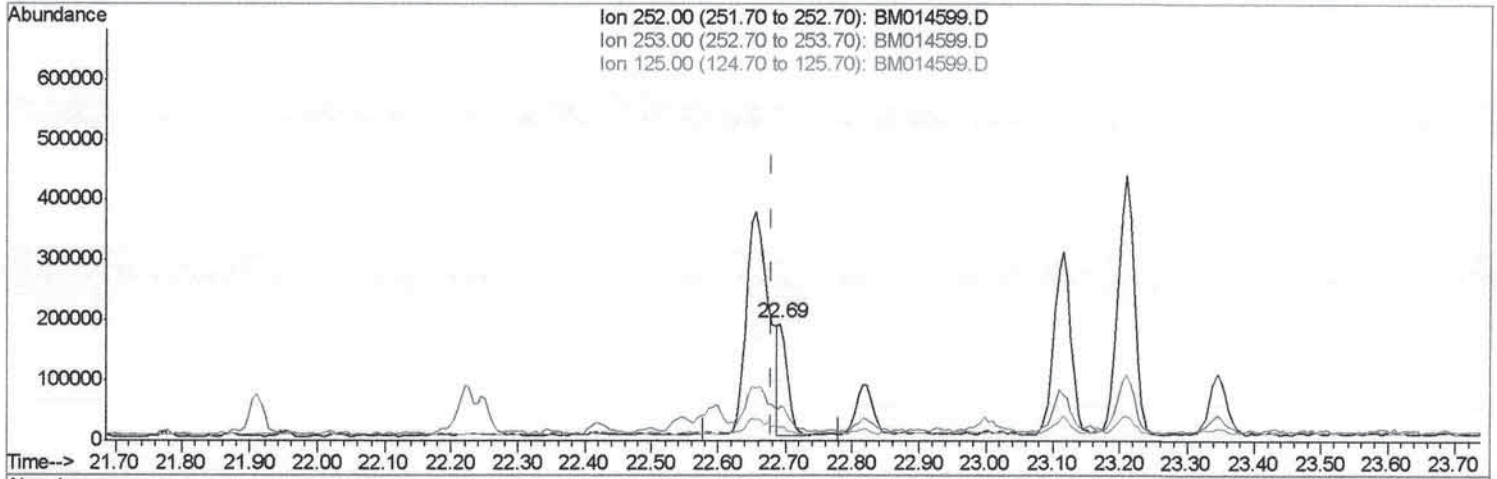
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(25) Benzo(k)fluoranthene

22.691min (+0.012) 6.42ng/ul m

response 176733

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	29.16#
125.00	4.30	11.49#
0.00	0.00	0.00

JU 3/23/18

Quantitation Report (Qedit)

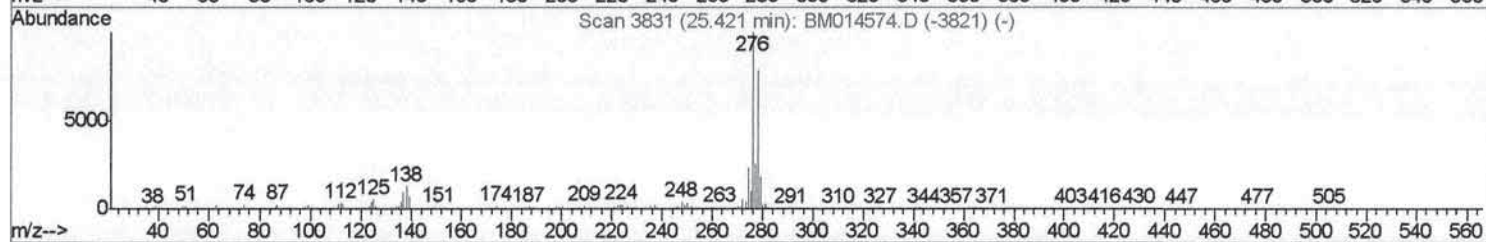
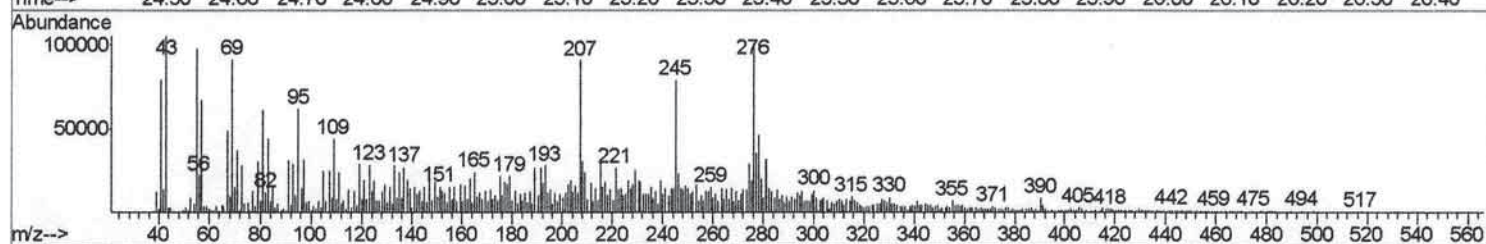
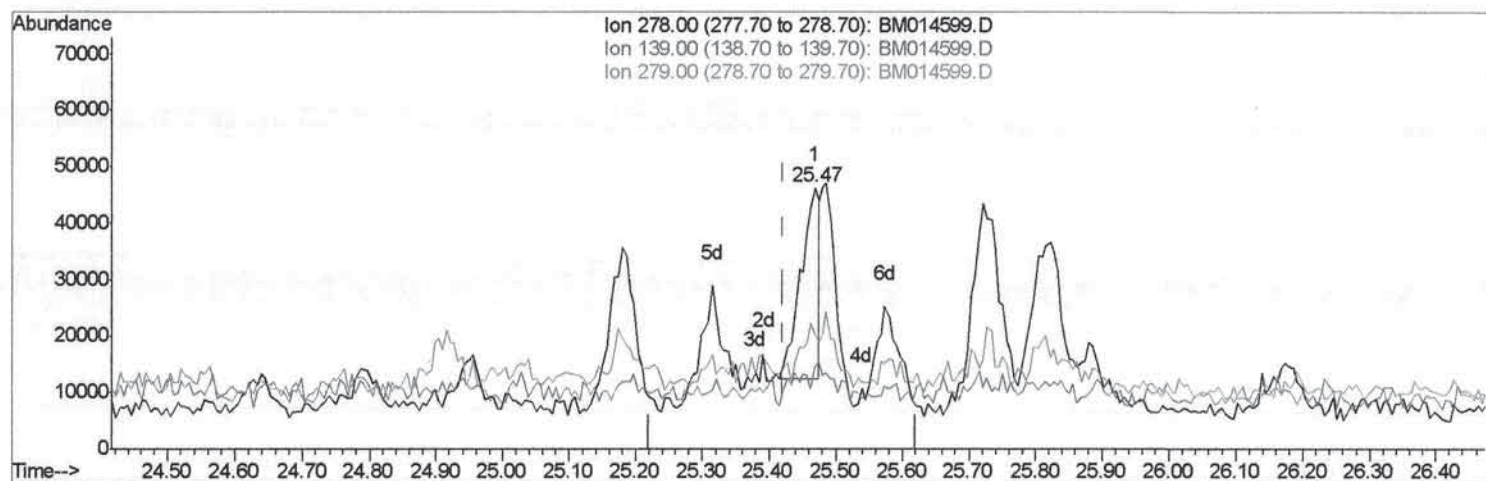
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Instrument :
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TIC: BM014599.D

(29) Dibenzo(a,h)anthracene

25.468min (+0.047) 2.47ng/ul

response 65510

Ion	Exp%	Act%
278.00	100	100
139.00	7.30	31.33#
279.00	23.20	44.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

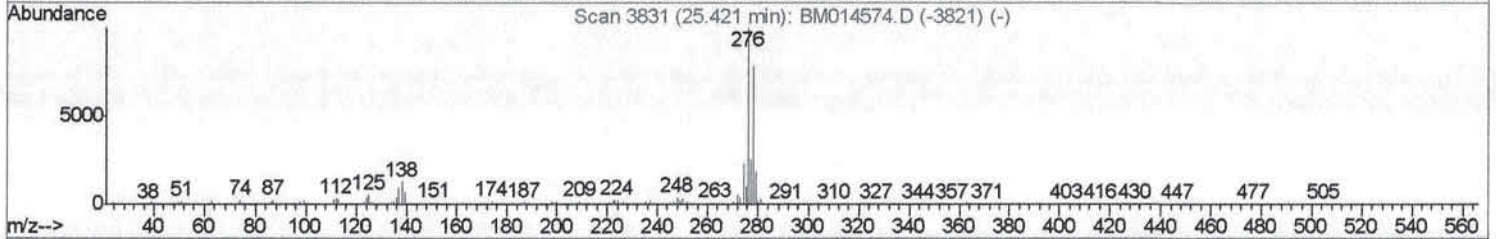
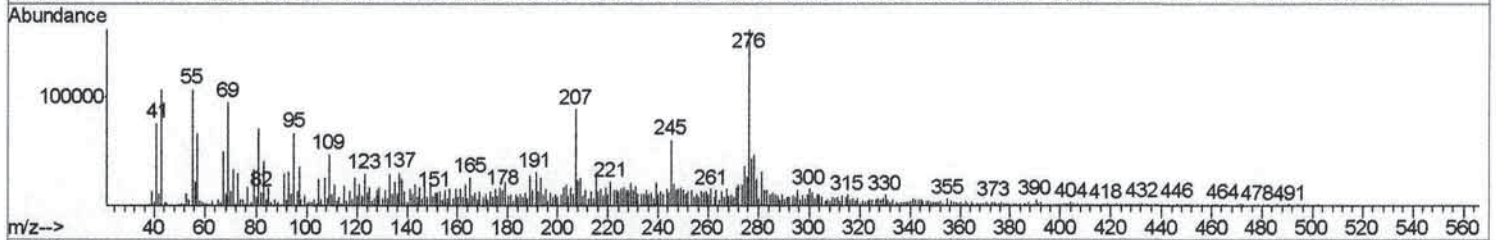
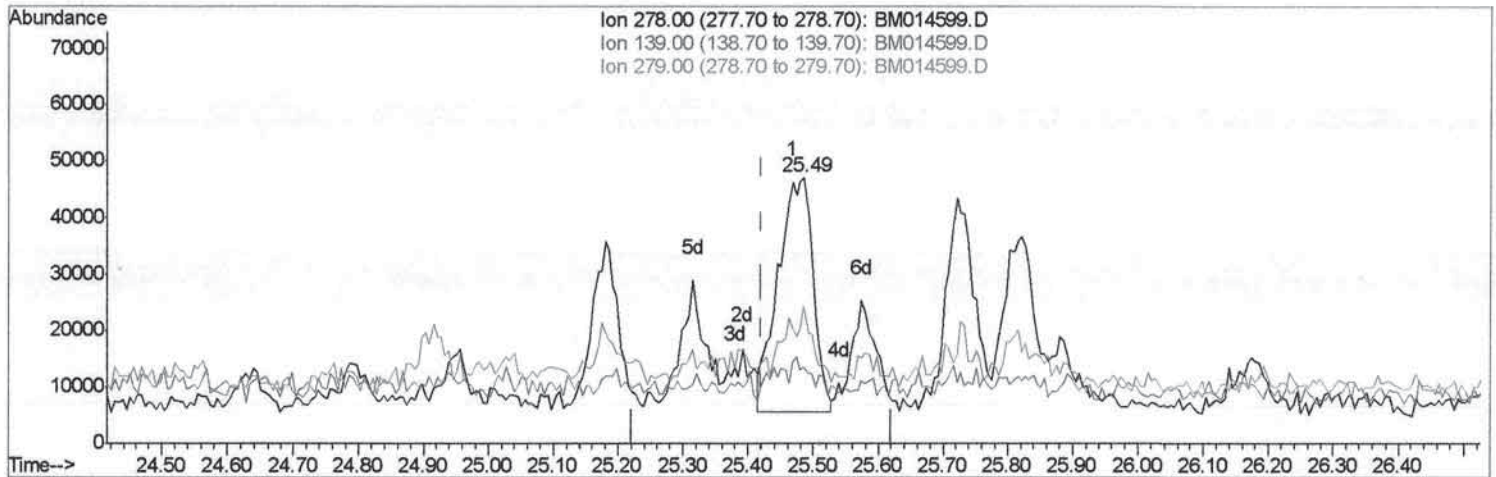
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TIC: BM014599.D

(29) Dibenzo(a,h)anthracene

25.485min (+0.065) 5.85ng/ul m

response 155074

Ion	Exp%	Act%
278.00	100	100
139.00	7.30	28.51#
279.00	23.20	51.76#
0.00	0.00	0.00

JU 3/23/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	103061	20.00	ng/ul	0.00
2) Naphthalene-d8	10.22	136	404836	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	208455	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.89	188	416669	20.00	ng/ul	0.00
18) Chrysene-d12	21.12	240	408205	20.00	ng/ul	0.00
23) Perylene-d12	23.30	264	460799	20.00	ng/ul	0.02

System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	9.90	165	119282	19.06	ng/ul	0.01
7) Acenaphthylene-d8	13.81	160	494528	22.20	ng/ul	0.00
10) Fluorene-d10	15.13	176	327799	22.46	ng/ul	0.00
15) Anthracene-d10	16.99	188	463274	23.22	ng/ul	0.00
19) Pyrene-d10	19.31	212	469479	19.13	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.16	264	489765	21.97	ng/ul	0.02

Target Compounds

						Qvalue
8) Acenaphthylene	13.84	152	189856	9.181	ng/ul	95
9) Acenaphthene	14.19	153	23568	1.665	ng/ul	95
11) Fluorene	15.19	166	46257	2.758	ng/ul#	86
14) Phenanthrene	16.93	178	667308	28.597	ng/ul	99
16) Anthracene	17.03	178	289684	12.419	ng/ul	98
17) Fluoranthene	18.97	202	989185	37.346	ng/ul	98
20) Pyrene	19.34	202	1269226	41.343	ng/ul	99
21) Benzo(a)anthracene	21.10	228	636682	24.664	ng/ul#	94
22) Chrysene	21.16	228	619386	26.095	ng/ul	95
24) Benzo(b)fluoranthene	22.66	252	851609	29.396	ng/ul#	96
25) Benzo(k)fluoranthene	22.69	252	176733m)	6.421	ng/ul	
27) Benzo(a)pyrene	23.21	252	730512	26.565	ng/ul#	93
28) Indeno(1,2,3-cd)pyrene	25.49	276	438092	13.842	ng/ul#	89
29) Dibenzo(a,h)anthracene	25.49	278	155074m)	5.854	ng/ul	
30) Benzo(a,h,i)perylene	26.16	276	549691	21.804	ng/ul#	89

JV3/23118

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