

Data Path : Z:\HPCHEM1\BNA_G\Data\BG031717\
Data File : BG026287.D
Acq On : 17 Mar 2017 17:59
Operator : SJ/MA
Sample : I2218-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_G

Client Sampled :

CB2Y6

Quant Time: Mar 17 18:49:47 2017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 17 14:43:33 2017

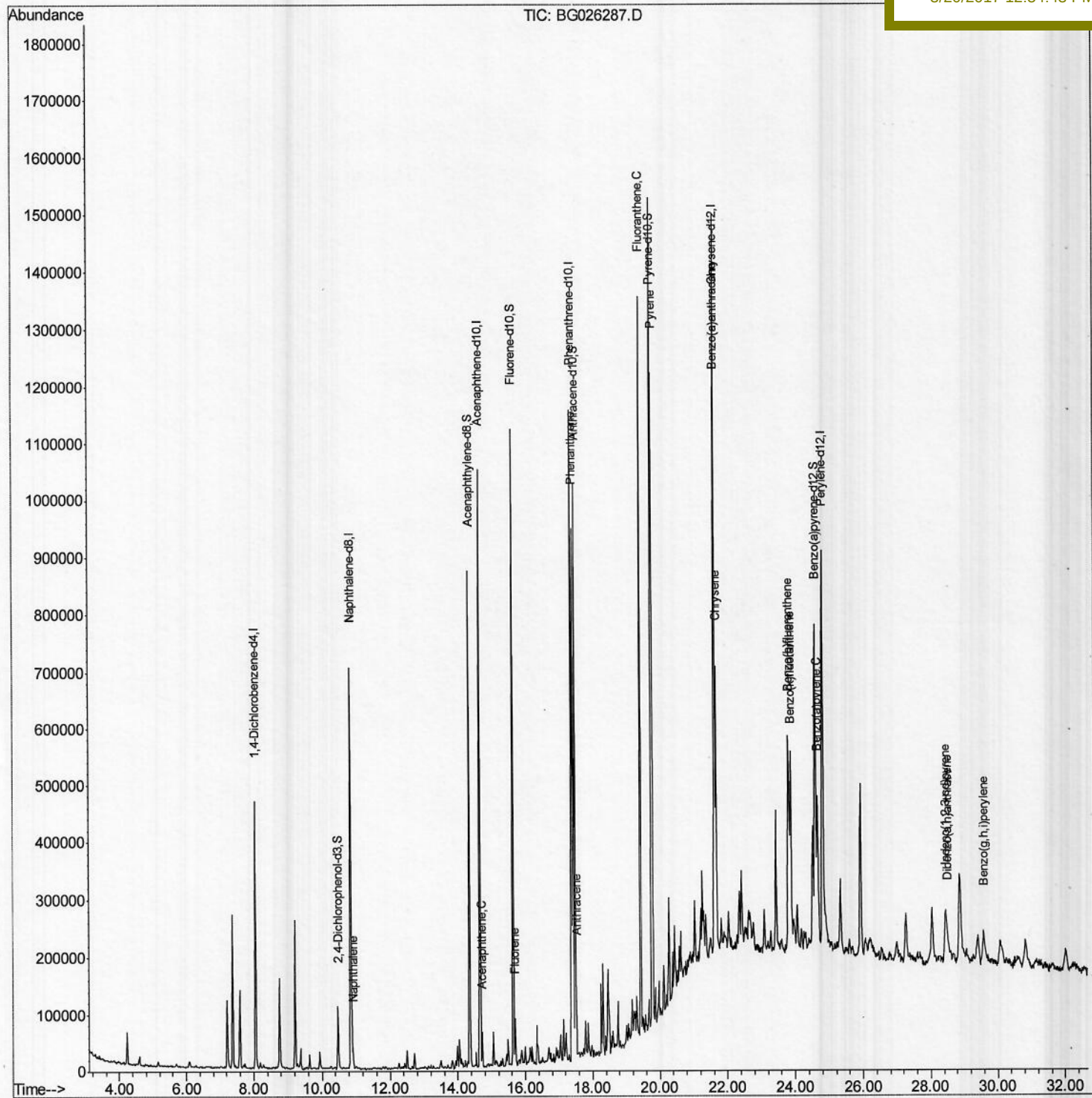
Response via : Initial Calibration

Manual Integrations

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Quantitation Report (Qedit)

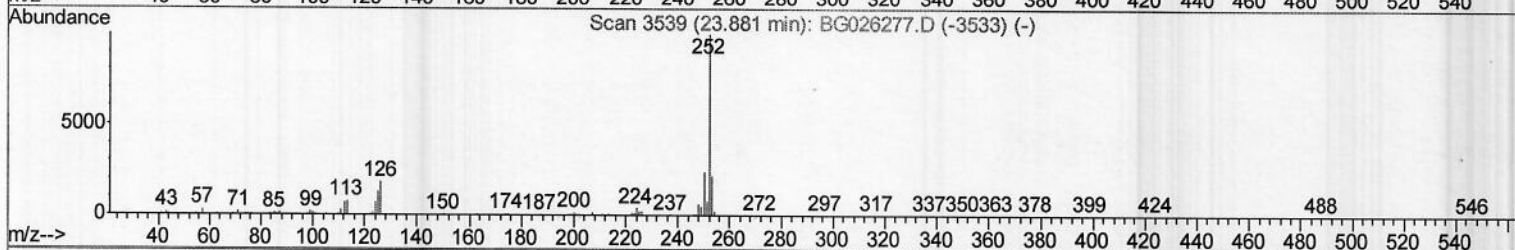
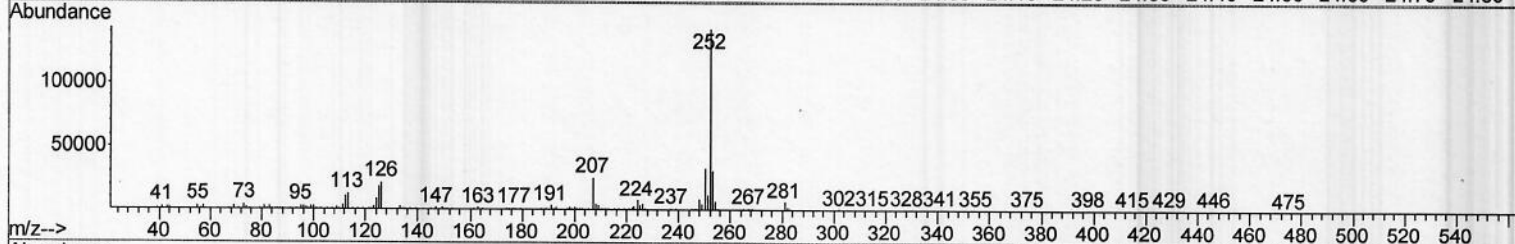
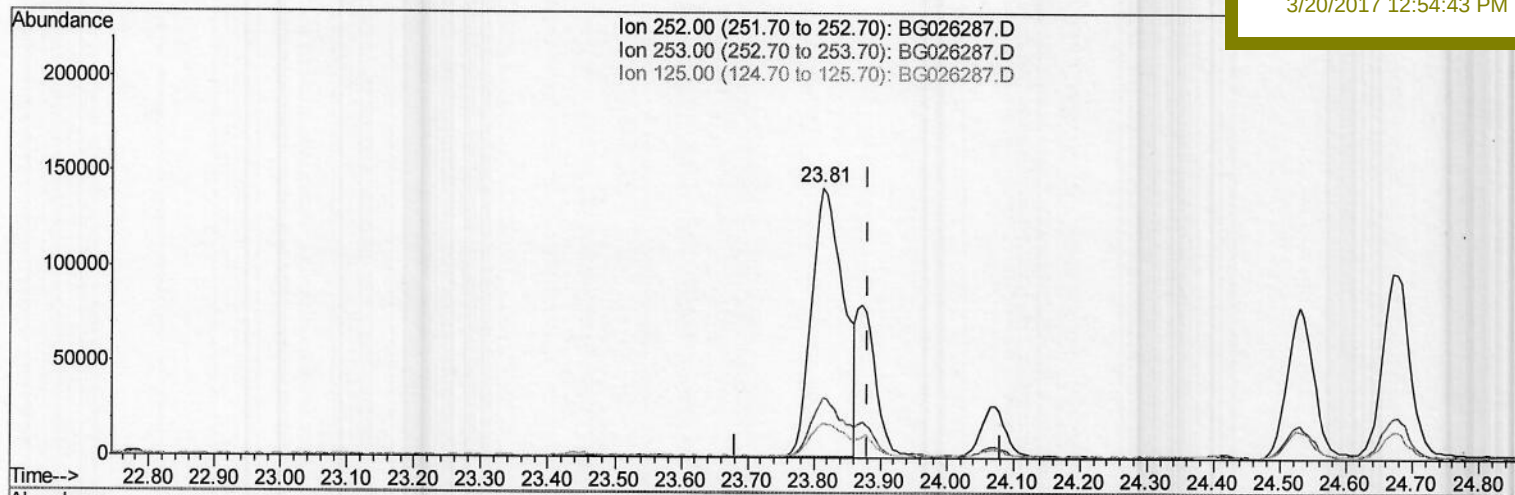
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TIC: BG026287.D

(25) Benzo(k)fluoranthene

23.813min (-0.068) 14.27ng/ul

response 478884

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.33
125.00	11.00	12.94
0.00	0.00	0.00

Quantitation Report (Qedit)

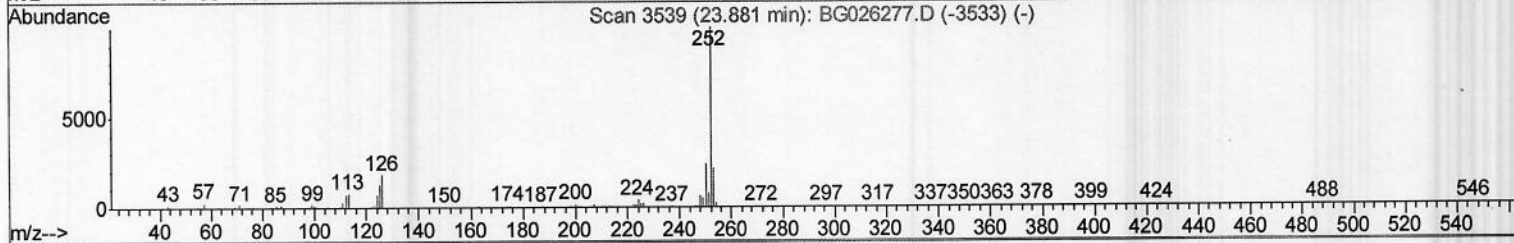
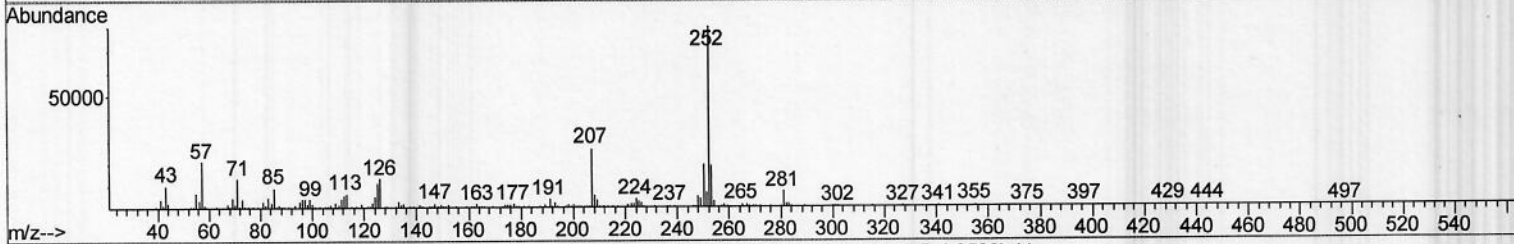
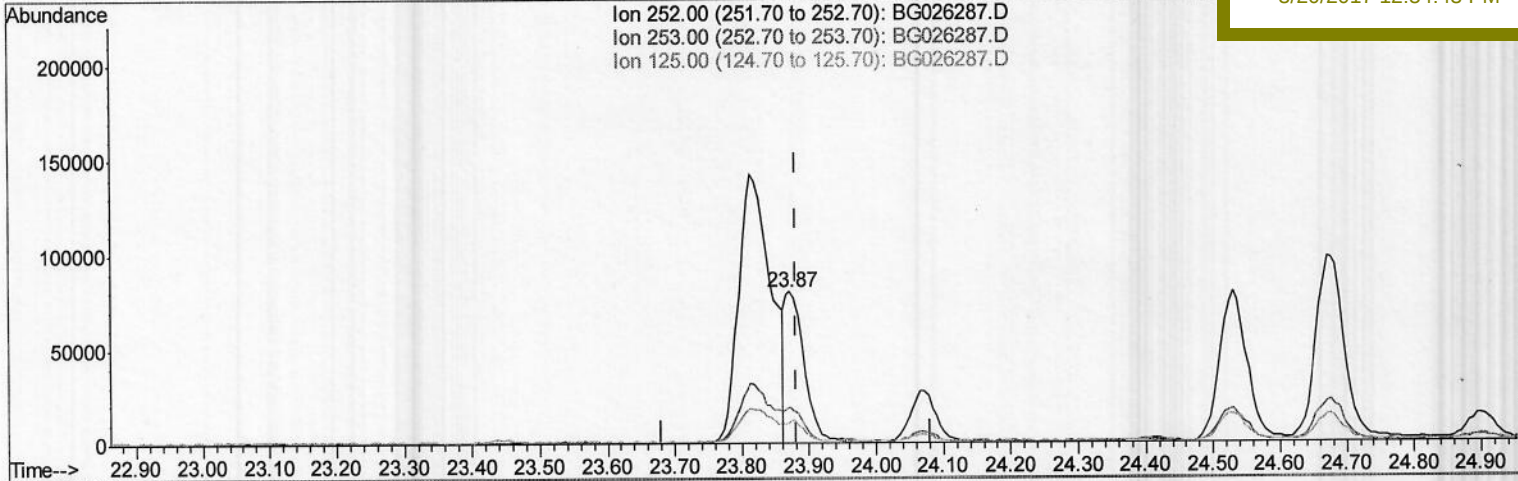
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TIC: BG026287.D

(25) Benzo(k)fluoranthene

23.872min (-0.009) 4.79ng/ul m

response 160579

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.51
125.00	11.00	14.01#
0.00	0.00	0.00

SJ
03/20/2017

Quantitation Report (Qedit)

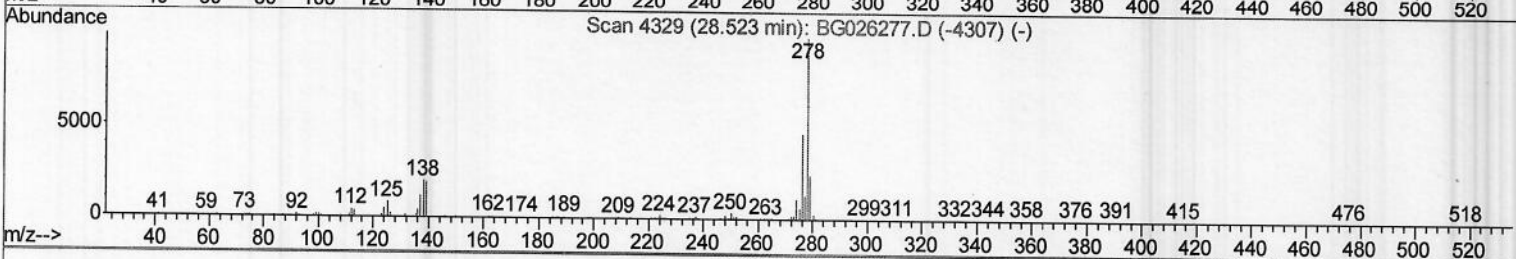
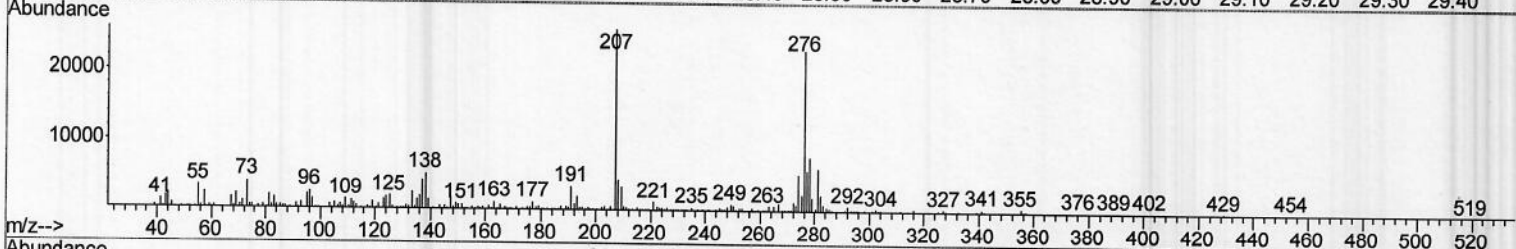
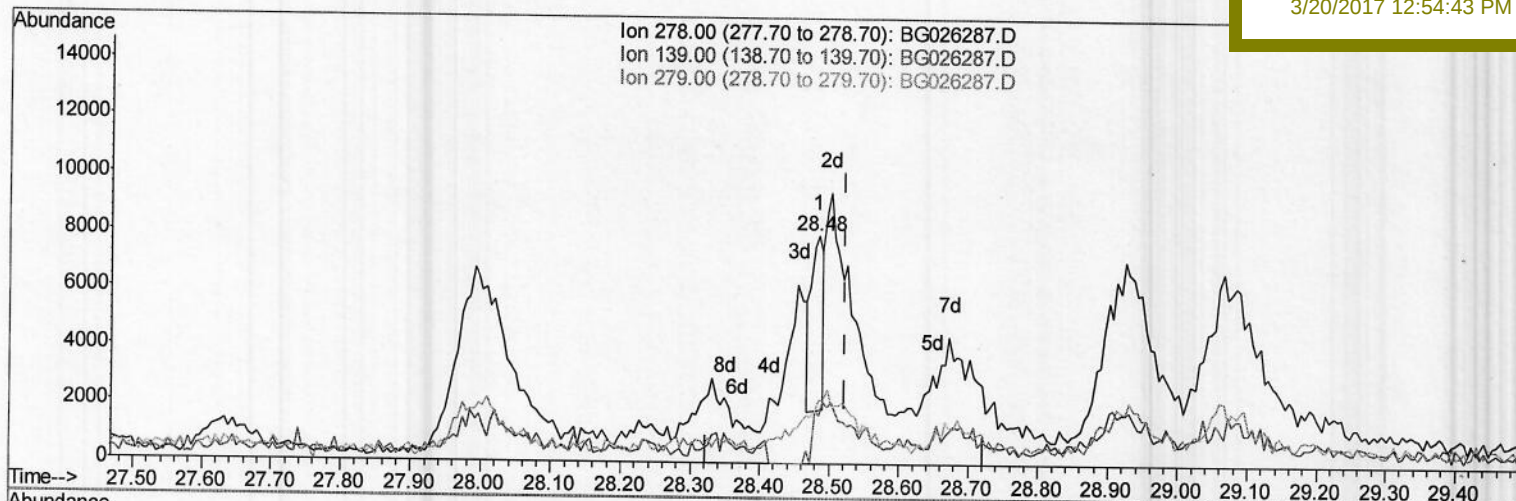
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TIC: BG026287.D

(29) Dibenzo(a,h)anthracene

28.484min (-0.038) 0.27ng/ul

response 7680

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	20.28
279.00	25.80	27.37
0.00	0.00	0.00

Quantitation Report (Qedit)

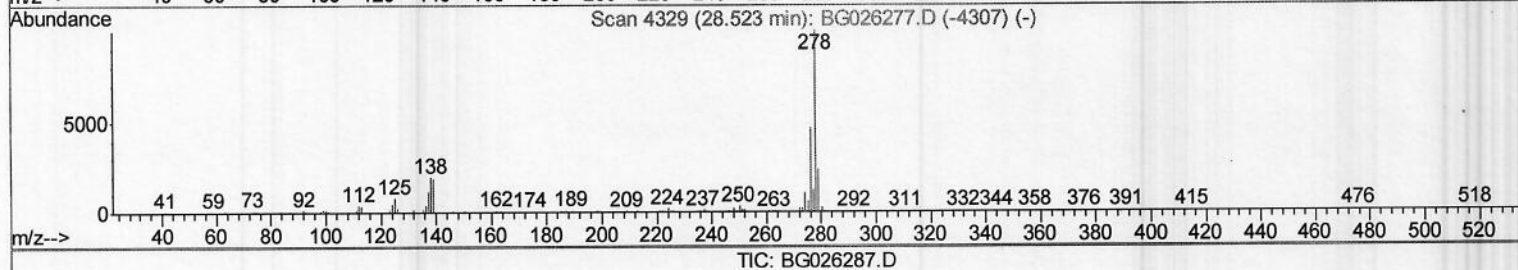
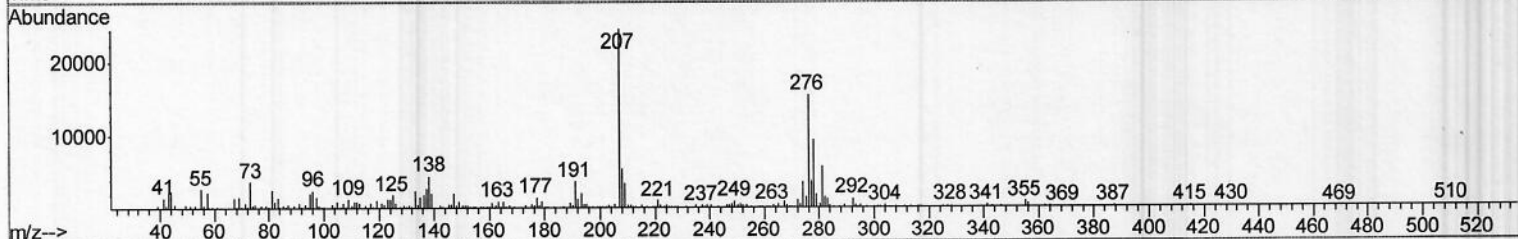
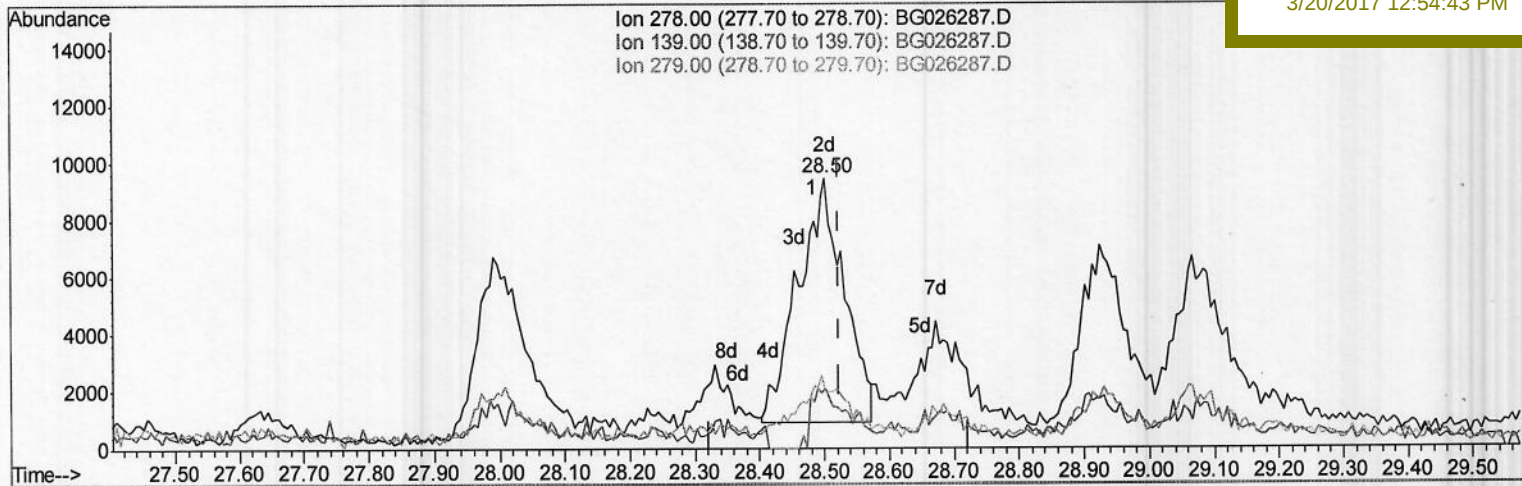
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Instrument :
 BNA_G
ClientSampleId :
 CB2Y6

Manual Integrations
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(29) Dibenzo(a,h)anthracene

28.502min (-0.021) 1.47ng/ul m $\rightarrow$ 55
 response 42096 03/20/2017

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	22.29#
279.00	25.80	20.92
0.00	0.00	0.00

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	139891	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	651331	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	352099	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	687402	20.00	ng/ul	0.00
18) Chrysene-d12	21.63	240	671856	20.00	ng/ul	0.00
23) Perylene-d12	24.82	264	618810	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	52704	5.46	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	655727	21.84	ng/ul	0.00
10) Fluorene-d10	15.65	176	458624	20.94	ng/ul	0.00
15) Anthracene-d10	17.49	188	607315	19.88	ng/ul	0.00
19) Pyrene-d10	19.77	212	658023	19.19	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	578227	21.67	ng/ul	0.00
Target Compounds						
4) Naphthalene	10.90	128	33994	1.07	ng/ul	Qvalue 95
9) Acenaphthene	14.72	153	25719	1.19	ng/ul	95
11) Fluorene	15.70	166	34987	1.43	ng/ul	94
14) Phenanthrene	17.43	178	562802	15.45	ng/ul	99
16) Anthracene	17.52	178	85043	2.31	ng/ul	95
17) Fluoranthene	19.44	202	795456	21.03	ng/ul	99
20) Pyrene	19.79	202	674836	15.78	ng/ul	99
21) Benzo(a)anthracene	21.62	228	354610	9.48	ng/ul	98
22) Chrysene	21.68	228	349894	10.03	ng/ul	98
24) Benzo(b)fluoranthene	23.81	252	478884	13.63	ng/ul	99
25) Benzo(k)fluoranthene	23.87	252	160579m	4.79	ng/ul	97 95
27) Benzo(a)pyrene	24.67	252	274781	8.42	ng/ul#	
28) Indeno(1,2,3-cd)pyrene	28.45	276	168180	4.67	ng/ul#	
29) Dibenzo(a,h)anthracene	28.50	278	42096m	1.47	ng/ul	
30) Benzo(g,h,i)perylene	29.59	276	120945	3.92	ng/ul	99

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

SJ
 03/20/2017