

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG031317\
 Data File : BG026224.D
 Acq On : 14 Mar 2017 23:04
 Operator : SJ/MA
 Sample : I2217-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

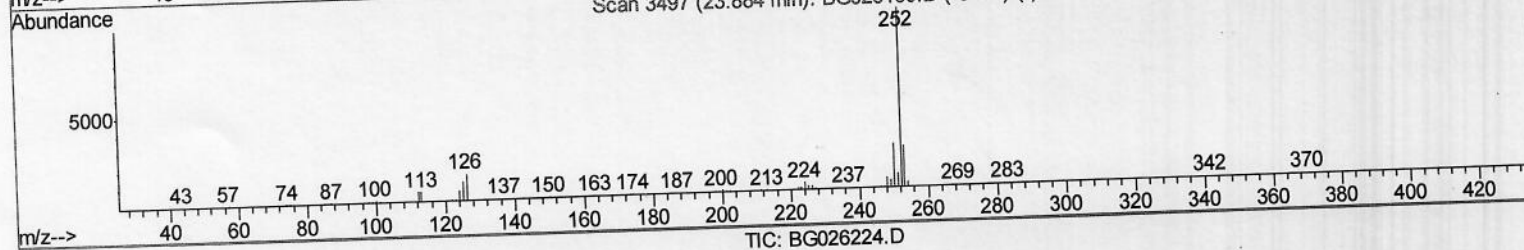
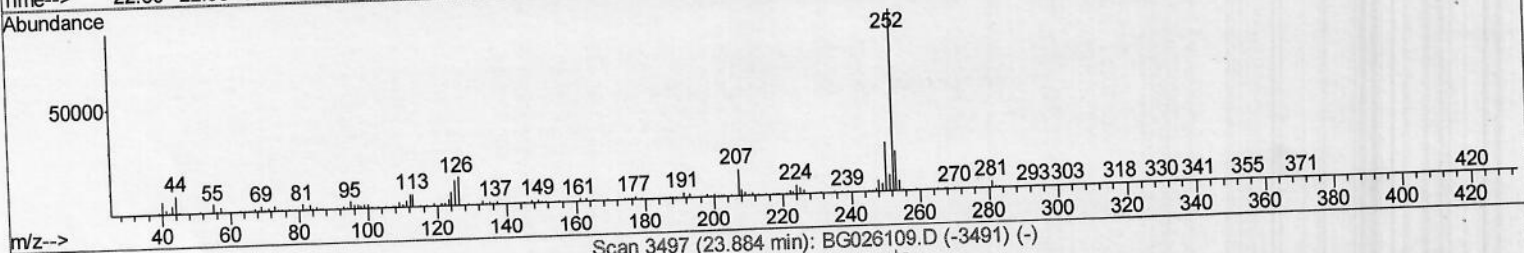
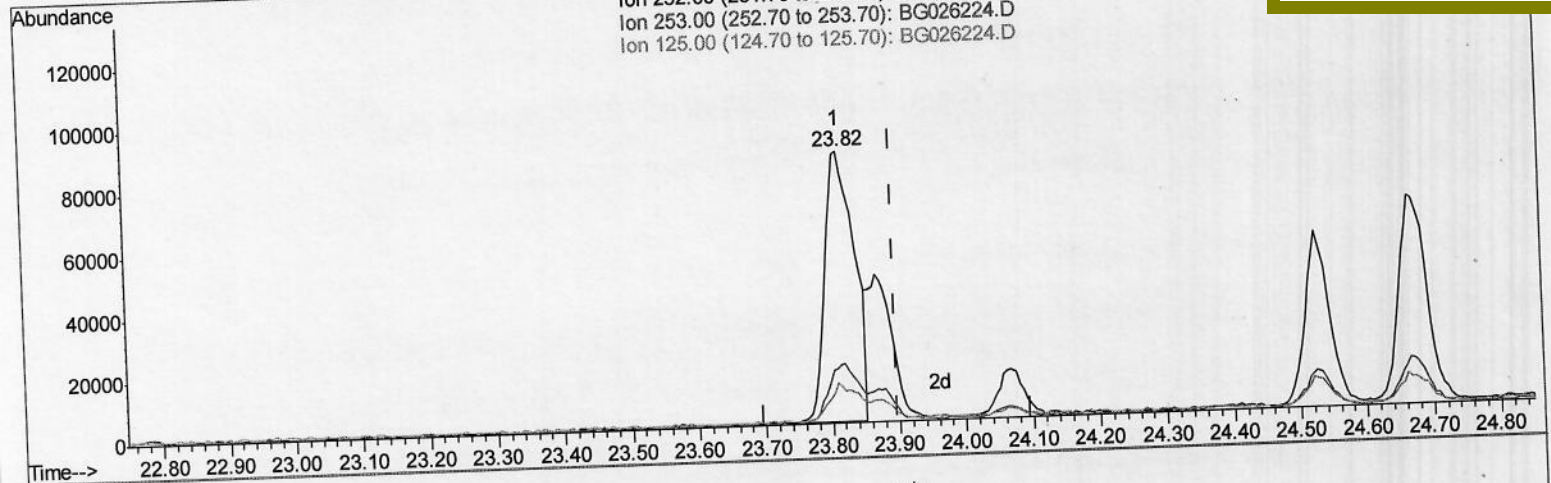
Instrument :
 BNA_G
 Client Sampled :
 CB2W7

Manual Integrations
 APPROVED

mohammad
 3/16/2017 10:53:34 AM

Quant Time: Mar 15 17:50:29 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 17:21:10 2017
 Response via : Initial Calibration

Ion 252.00 (251.70 to 252.70): BG026224.D
 Ion 253.00 (252.70 to 253.70): BG026224.D
 Ion 125.00 (124.70 to 125.70): BG026224.D



(25) Benzo(k)fluoranthene
 23.816min (-0.081) 9.66ng/ul
 response 269609

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.99
125.00	11.00	13.65#
0.00	0.00	0.00

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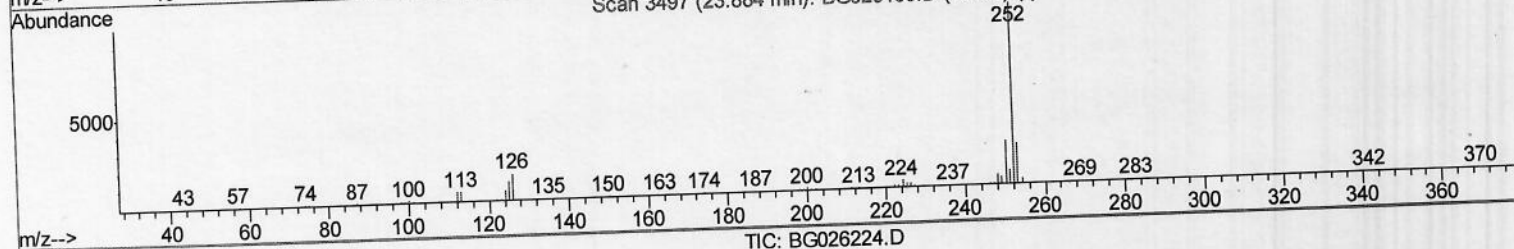
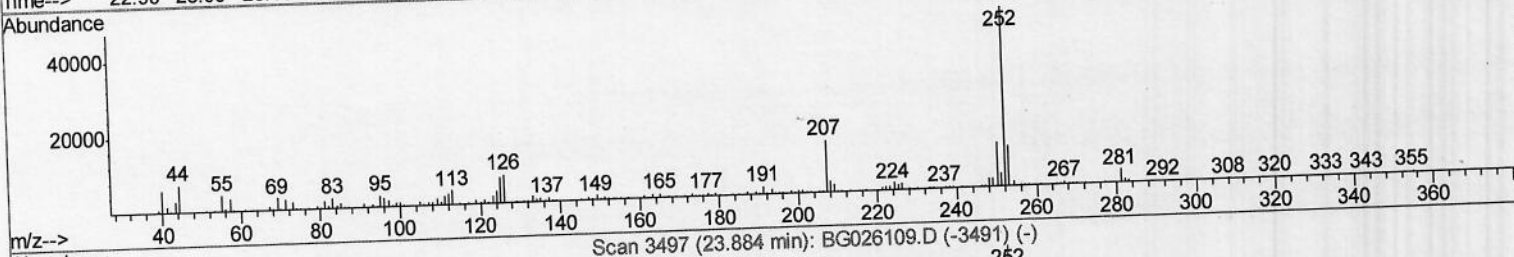
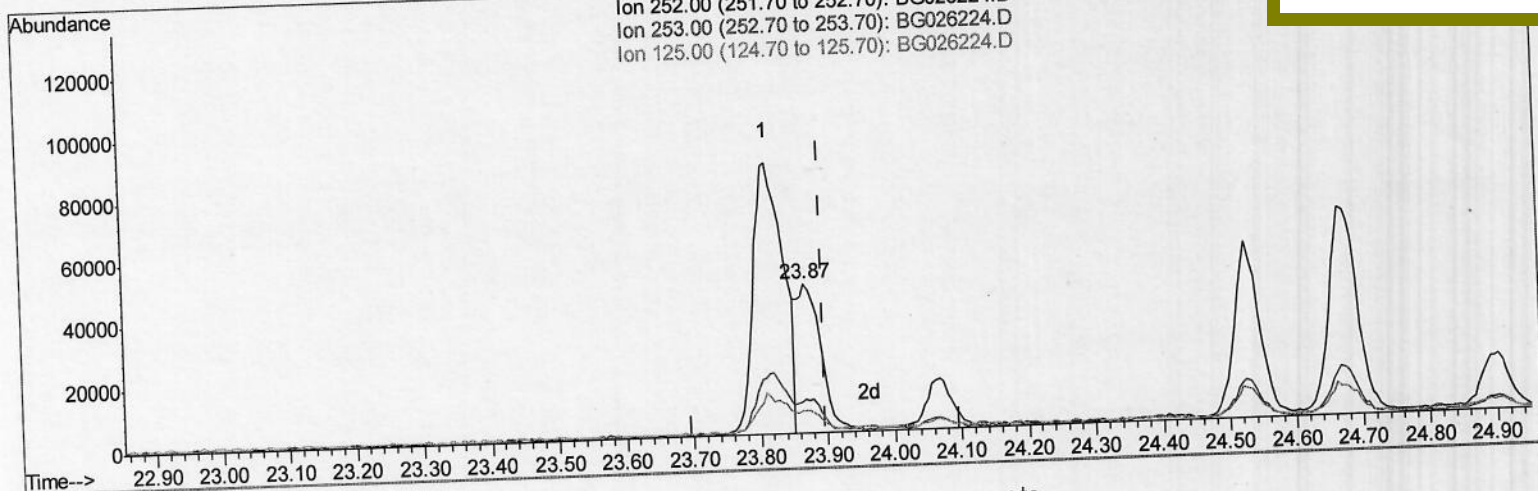
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 Ion 125.00 (124.70 to 125.70): BG026224.D



(25) Benzo(k)fluoranthene

23.869min (-0.029) 4.20ng/ul m

response 117154

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.89
125.00	11.00	14.65#
0.00	0.00	0.00

03/16/17

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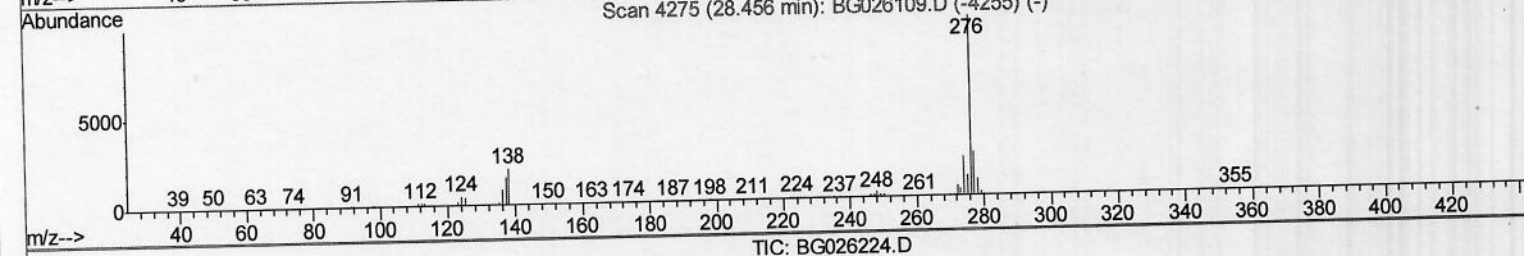
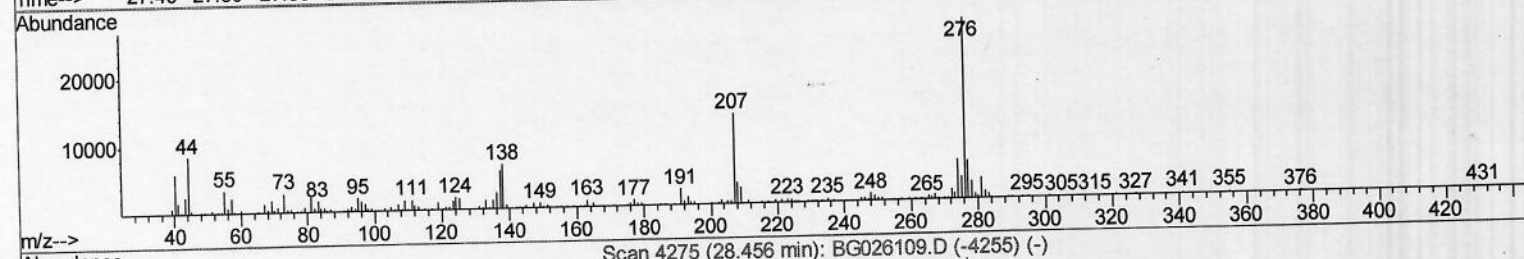
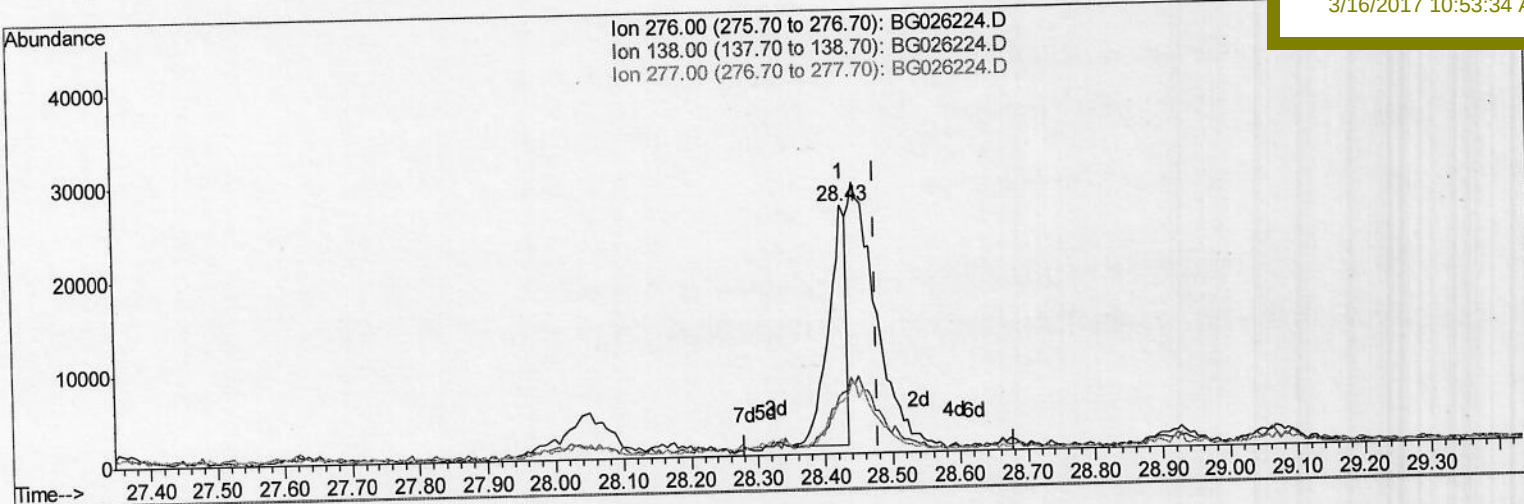
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(28) Indeno(1,2,3-cd)pyrene

28.428min (-0.052) 1.62ng/ul

response 48444

Ion	Exp%	Act%
276.00	100	100
138.00	22.20	24.96
277.00	24.20	21.51
0.00	0.00	0.00

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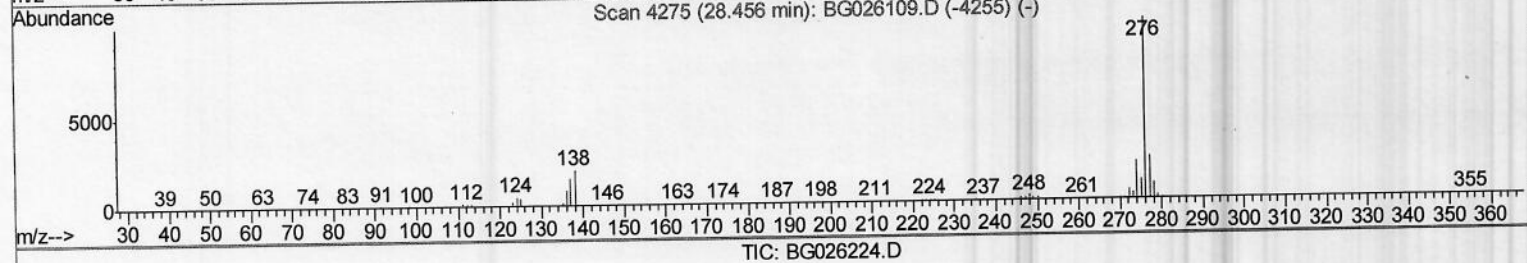
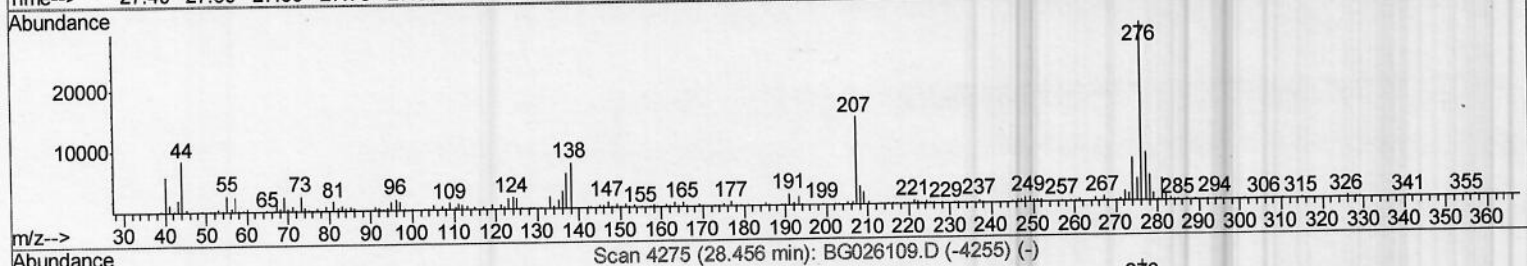
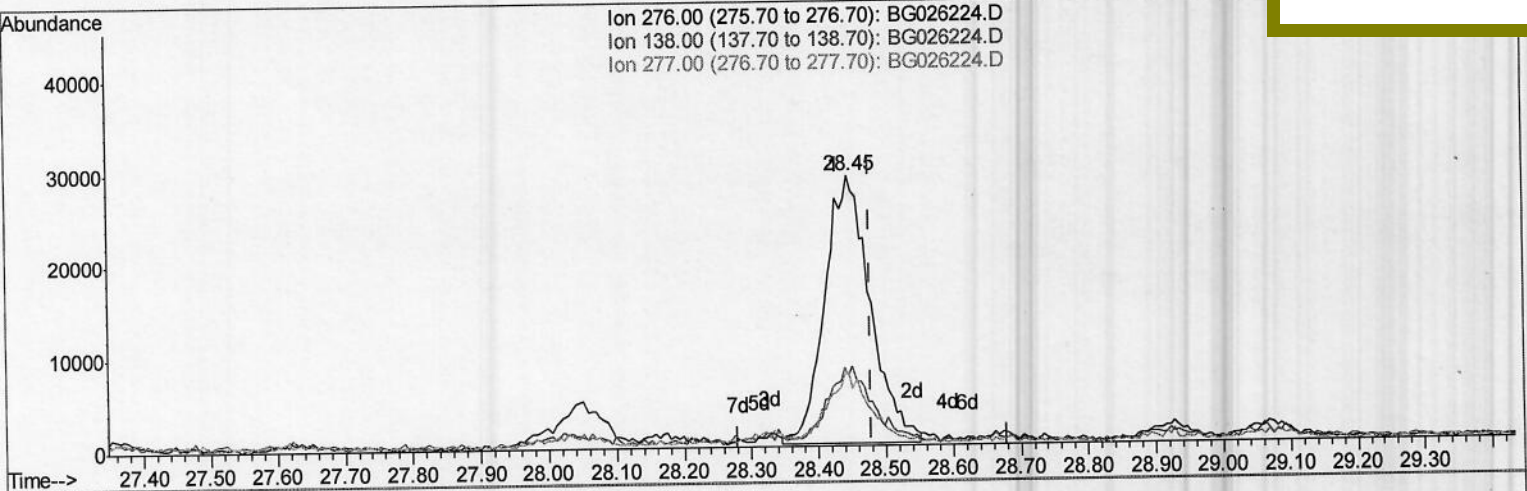
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(28) Indeno(1,2,3-cd)pyrene

28.446min (-0.034) 4.48ng/ul m

SJ 03116117

response 134381

Ion	Exp%	Act%
276.00	100	100
138.00	22.20	25.97
277.00	24.20	26.94
0.00	0.00	0.00

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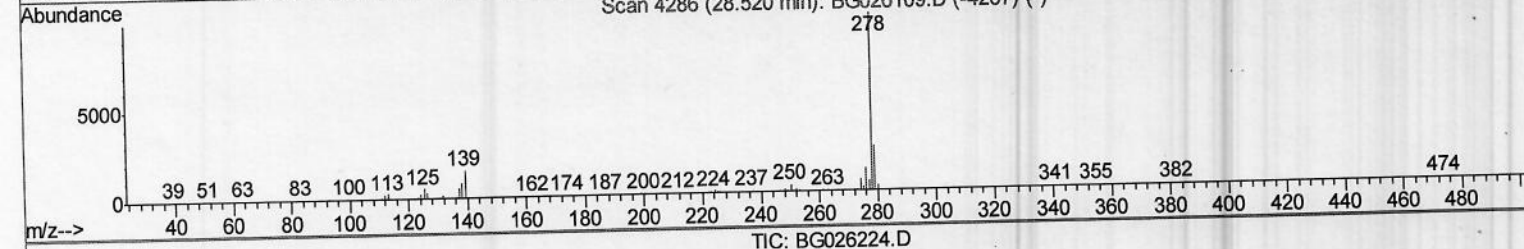
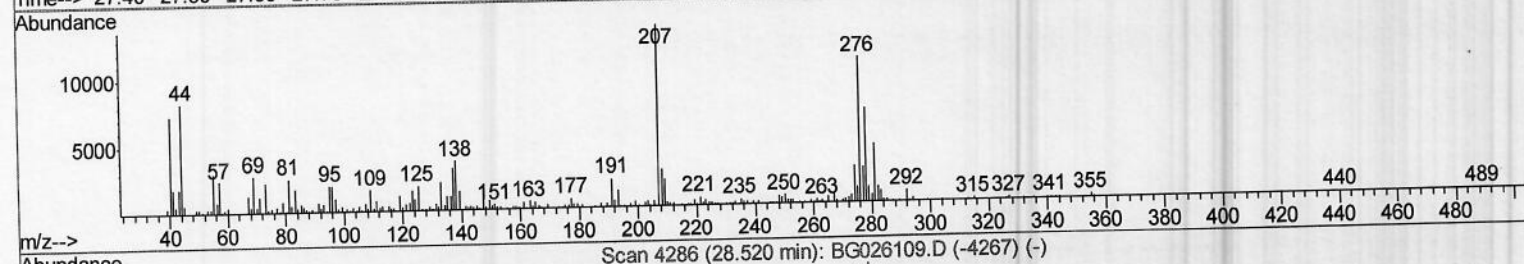
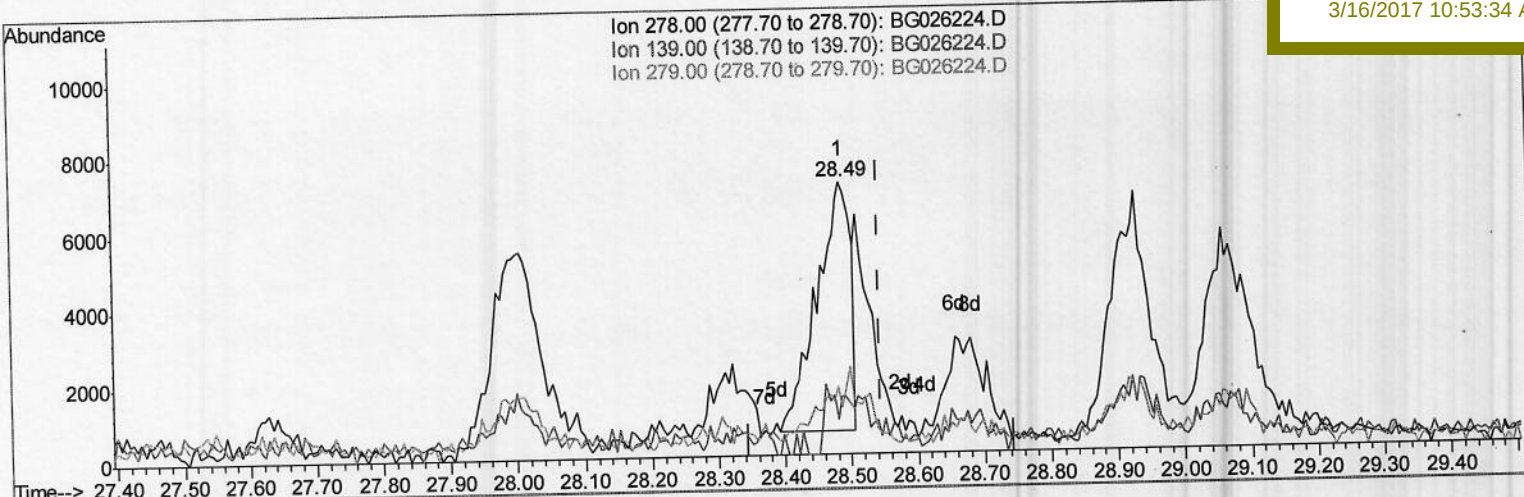
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(29) Dibenzo(a,h)anthracene

28.487min (-0.058) 0.96ng/ul

response 22861

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	21.35#
279.00	25.80	17.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

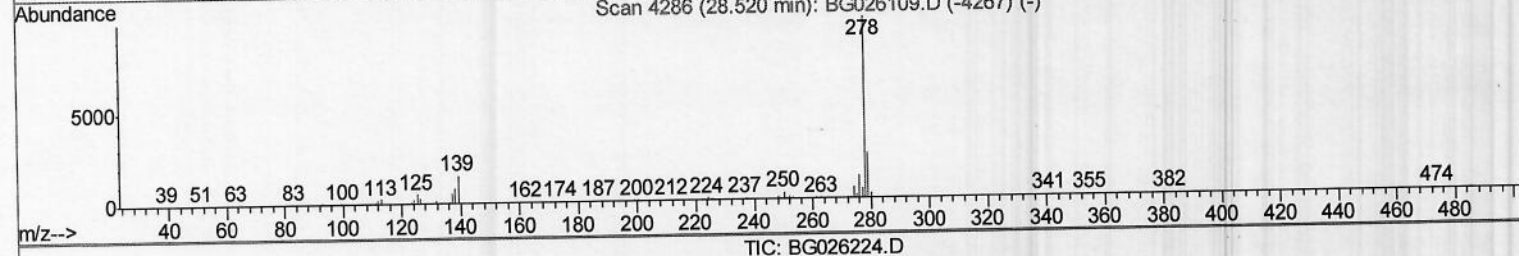
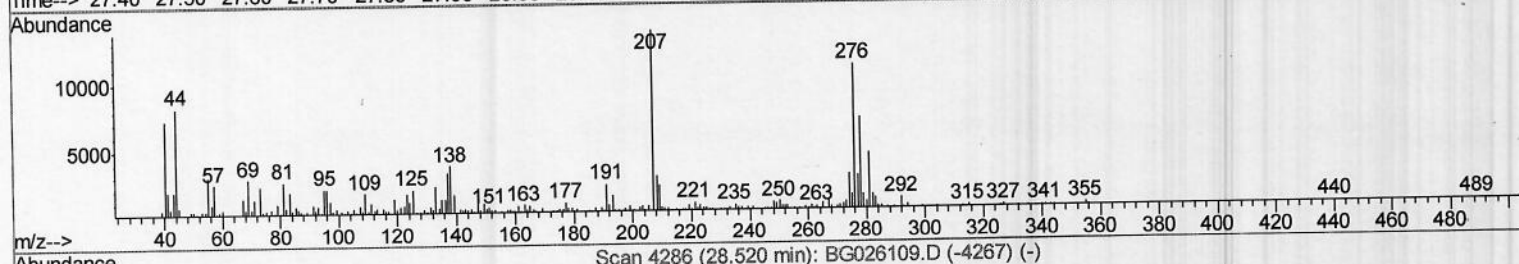
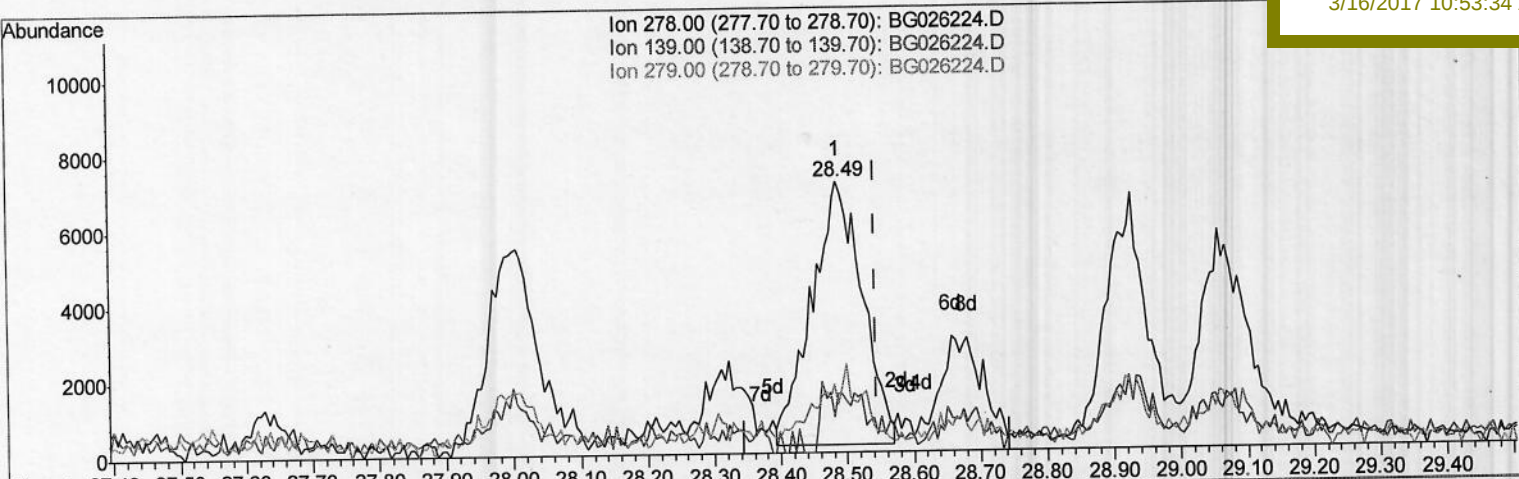
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 Misc :
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Instrument :
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 ClientSampleId :
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(29) Dibenzo(a,h)anthracene

28.487min (-0.058) 1.53ng/ul m

response 36267

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	21.35#
279.00	25.80	17.47#
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	8.06	152	75128	20.00	ng/ul	-0.02
2) Naphthalene-d8	10.85	136	383980	20.00	ng/ul	-0.02
6) Acenaphthene-d10	14.66	164	233123	20.00	ng/ul	-0.01
12) Phenanthrene-d10	17.39	188	527683	20.00	ng/ul	-0.01
18) Chrysene-d12	21.64	240	539706	20.00	ng/ul	-0.02
23) Perylene-d12	24.83	264	514569	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	1109	0.19	ng/uL	-0.01
7) Acenaphthylene-d8	14.36	160	323947	16.30	ng/ul	-0.01
10) Fluorene-d10	15.65	176	242718	16.74	ng/ul	-0.01
15) Anthracene-d10	17.49	188	338333	14.43	ng/ul	-0.02
19) Pyrene-d10	19.76	212	382853	13.90	ng/ul	-0.01
26) Benzo(a)pyrene-d12	24.60	264	335646	15.12	ng/ul	-0.02

Target Compounds					Qvalue
14) Phenanthrene	17.43	178	264629	9.46 ng/ul	98
16) Anthracene	17.52	178	48980	1.73 ng/ul	94
17) Fluoranthene	19.43	202	454218	15.65 ng/ul	99
20) Pyrene	19.79	202	391510	11.39 ng/ul	100
21) Benzo(a)anthracene	21.62	228	220971	7.36 ng/ul	100
22) Chrysene	21.68	228	216869	7.74 ng/ul	99
24) Benzo(b)fluoranthene	23.82	252	269609	9.23 ng/ul	98
25) Benzo(k)fluoranthene	23.87	252	117154m	4.20 ng/ul	
27) Benzo(a)pyrene	24.67	252	186208	6.86 ng/ul	95
28) Indeno(1,2,3-cd)pyrene	28.45	276	134381m	4.48 ng/ul	
29) Dibenzo(a,h)anthracene	28.49	278	36267m	1.53 ng/ul	
30) Benzo(g,h,i)perylene	29.58	276	121858	4.75 ng/ul#	91

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

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