

Quantitation Report (Qedit)

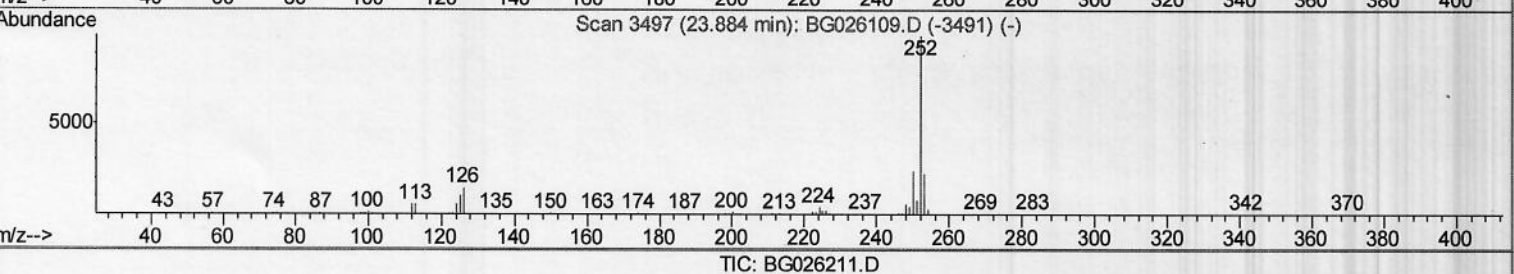
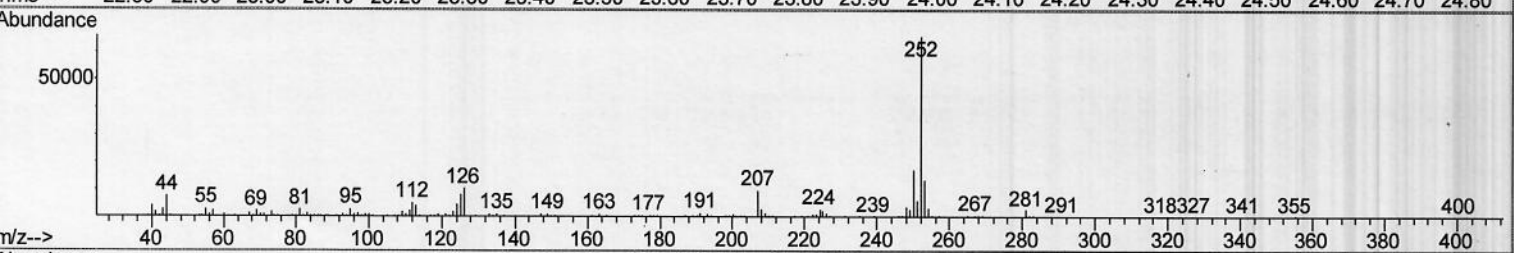
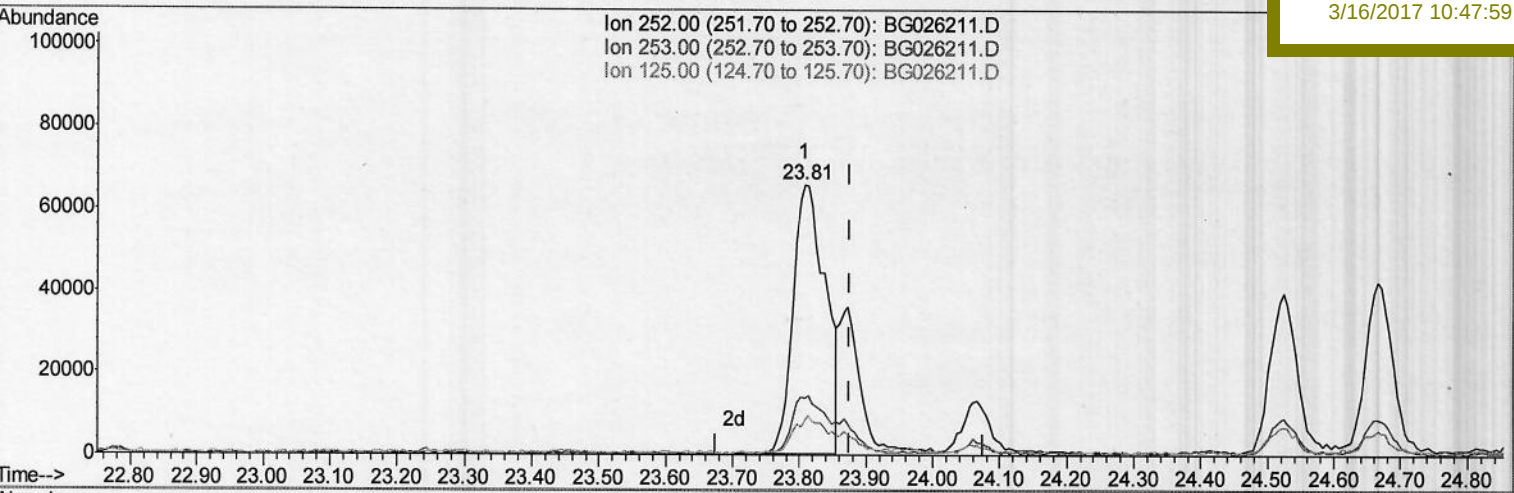
Data Path : Z:\HPCHEM1\BNA_G\Data\BG031317\
 Data File : BG026211.D
 Acq On : 13 Mar 2017 13:17
 Operator : SJ/MA
 Sample : I2217-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 15 17:15:40 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 17:14:22 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
Client Sampled :
 CB2X0

Manual Integrations
APPROVED

mohammad
 3/16/2017 10:47:59 AM



(25) Benzo(k)fluoranthene
 23.808min (-0.067) 6.97ng/ul
 response 221555

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.05
125.00	11.00	12.63
0.00	0.00	0.00

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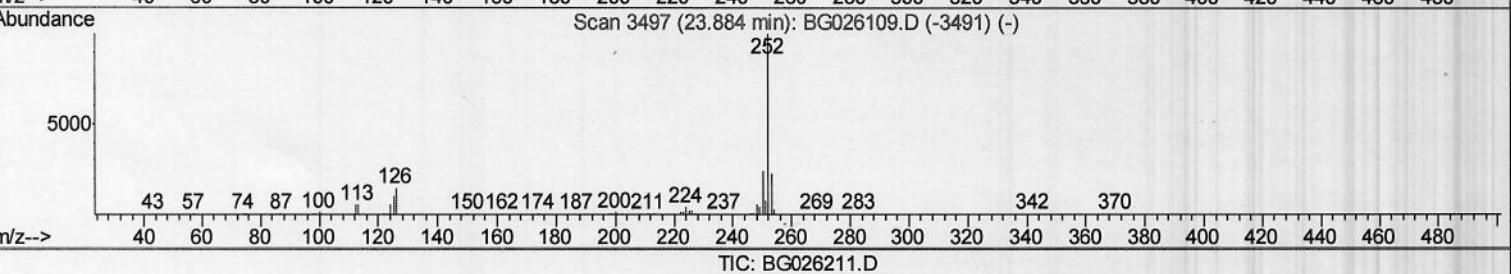
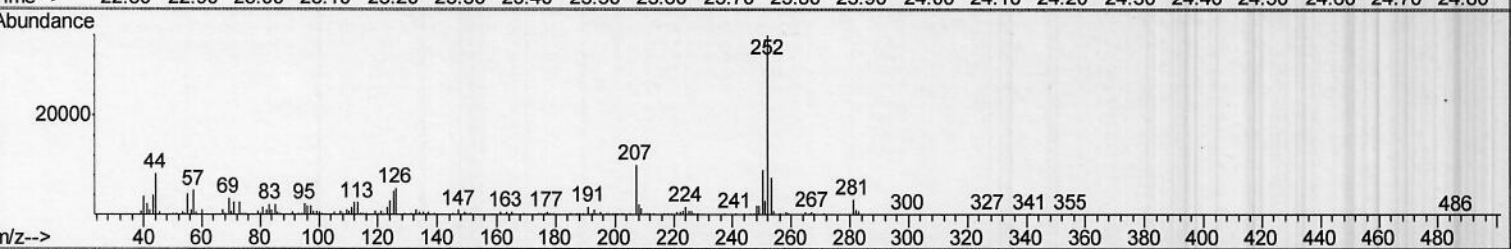
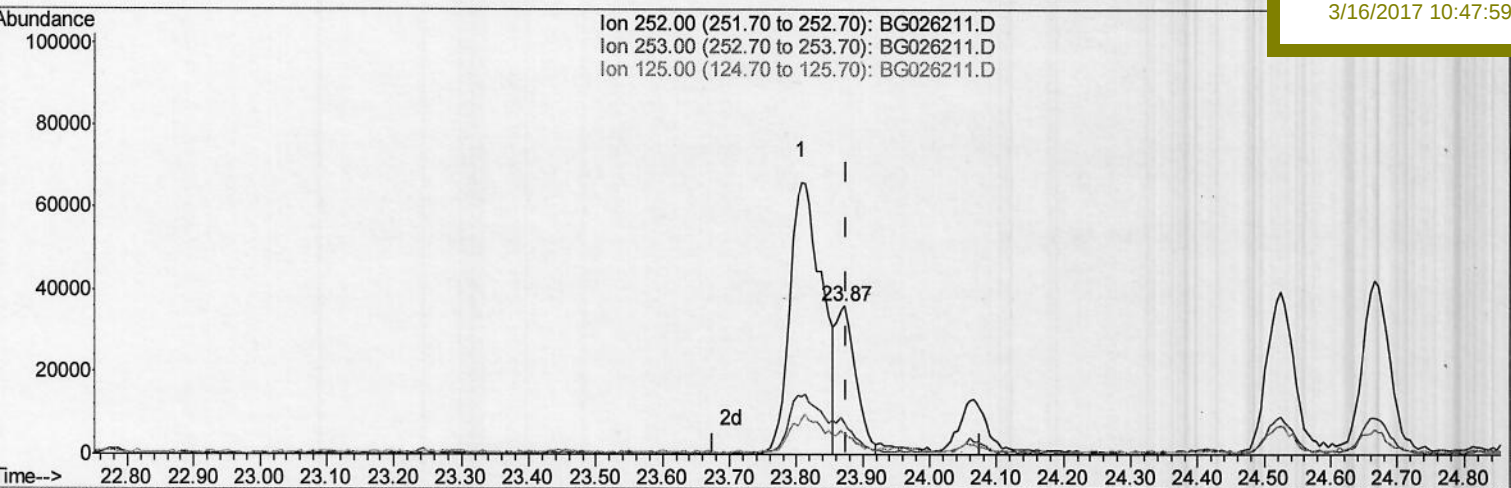
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(25) Benzo(k)fluoranthene

23.873min (-0.003) 2.33ng/ul m

SJ 03/16/17

response 73882

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	20.63
125.00	11.00	13.26#
0.00	0.00	0.00

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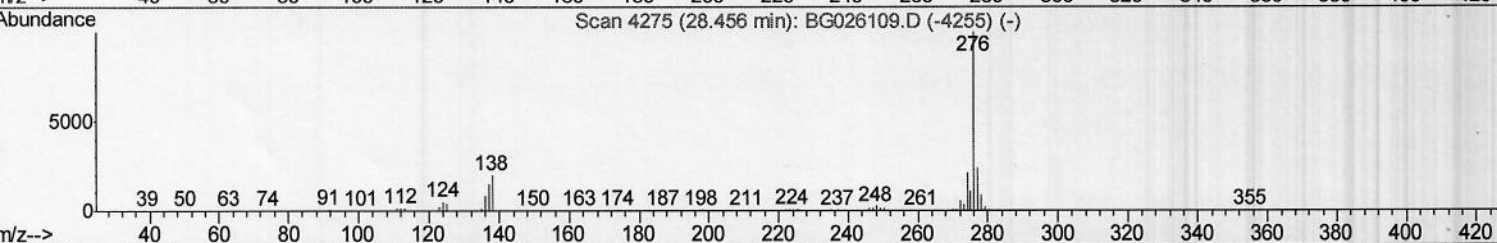
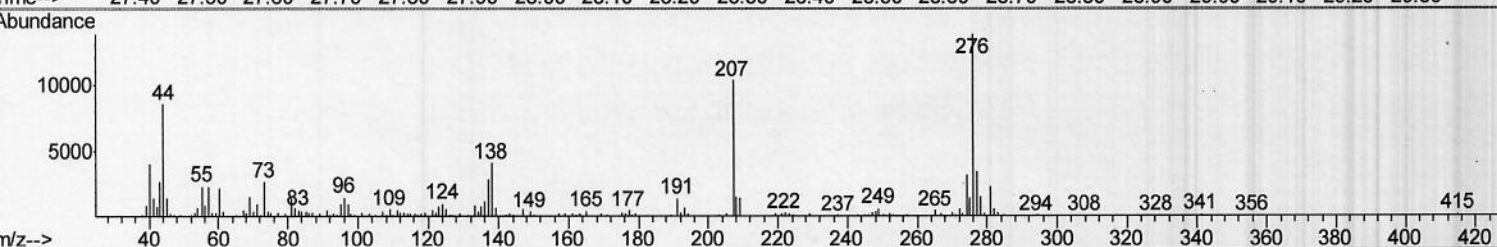
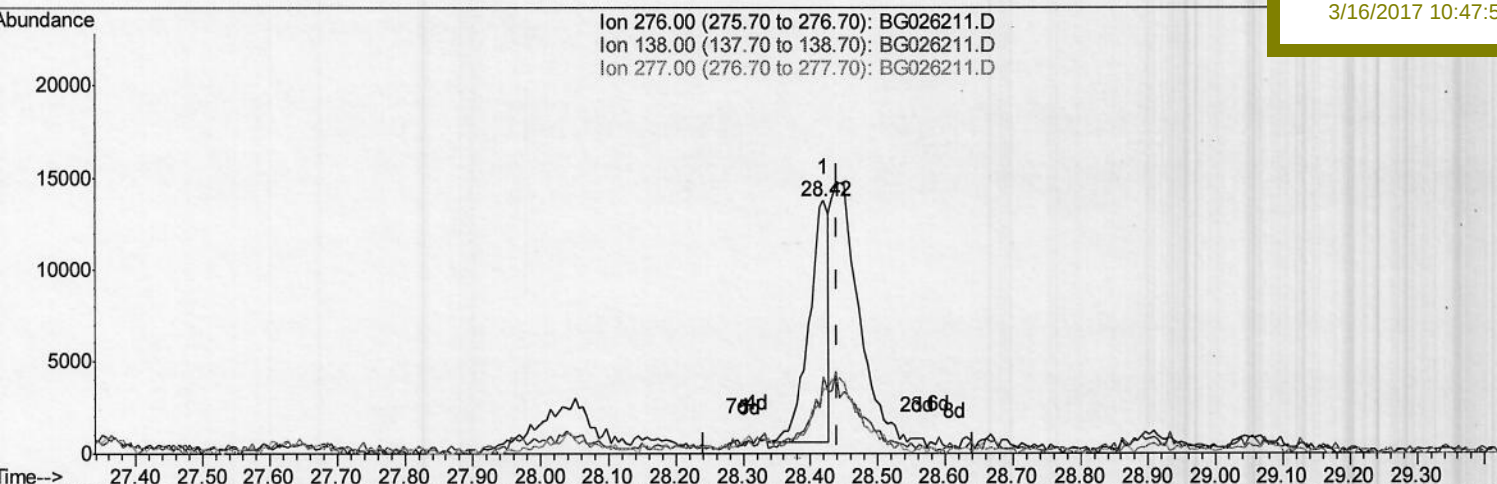
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TIC: BG026211.D

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

28.420min (-0.020) 0.77ng/ul

response 26292

Ion	Exp%	Act%
276.00	100	100
138.00	22.20	29.98#
277.00	24.20	25.30
0.00	0.00	0.00

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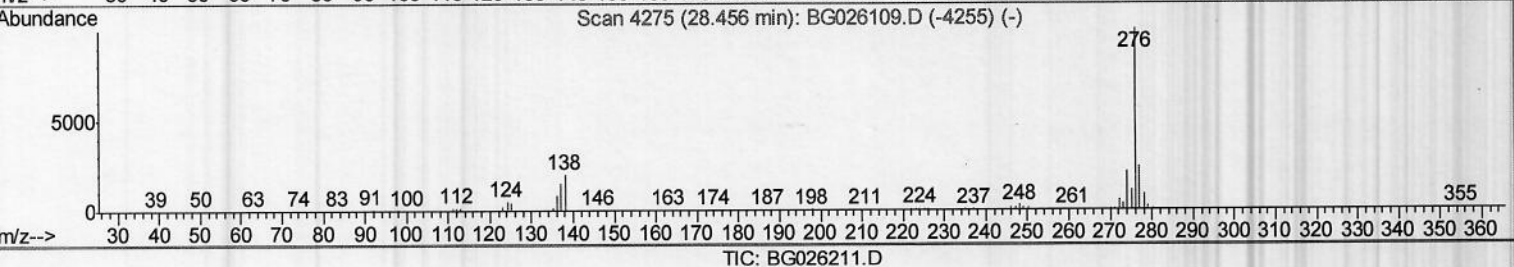
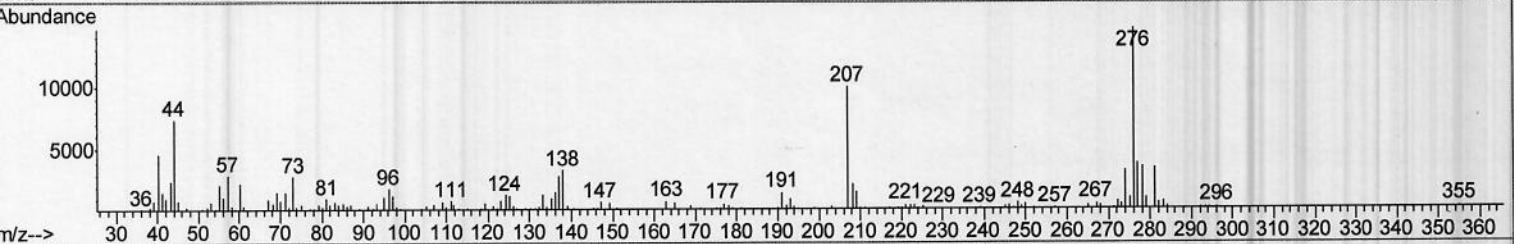
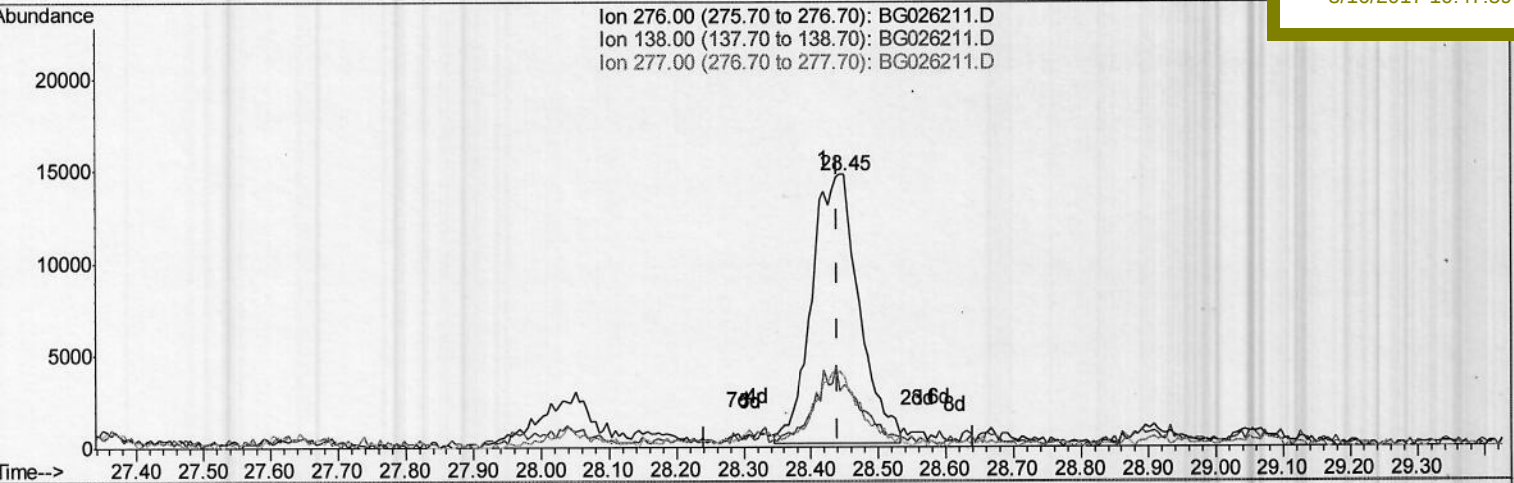
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(28) Indeno(1,2,3-cd)pyrene

28.450min (+0.009) 2.08ng/ul m

response 70990

Ion	Exp%	Act%
276.00	100	100
138.00	22.20	22.72
277.00	24.20	25.82
0.00	0.00	0.00

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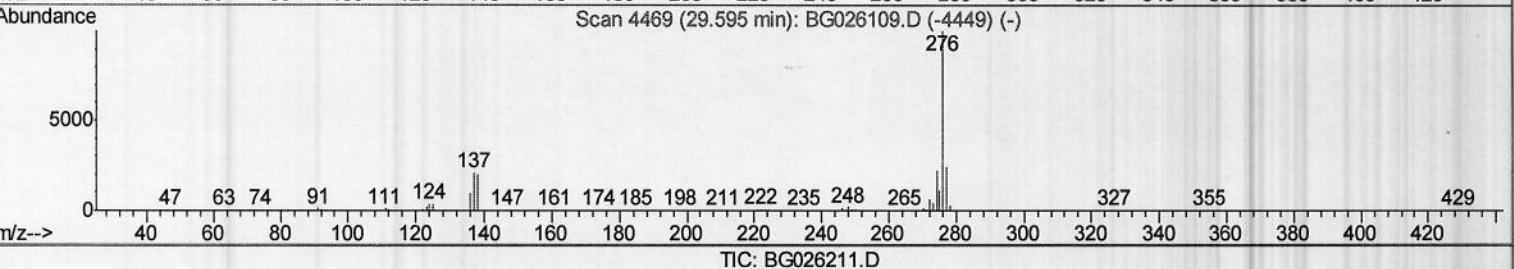
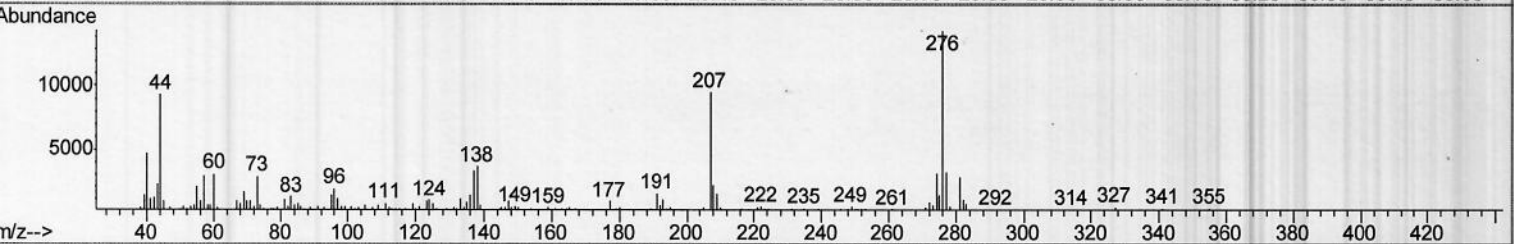
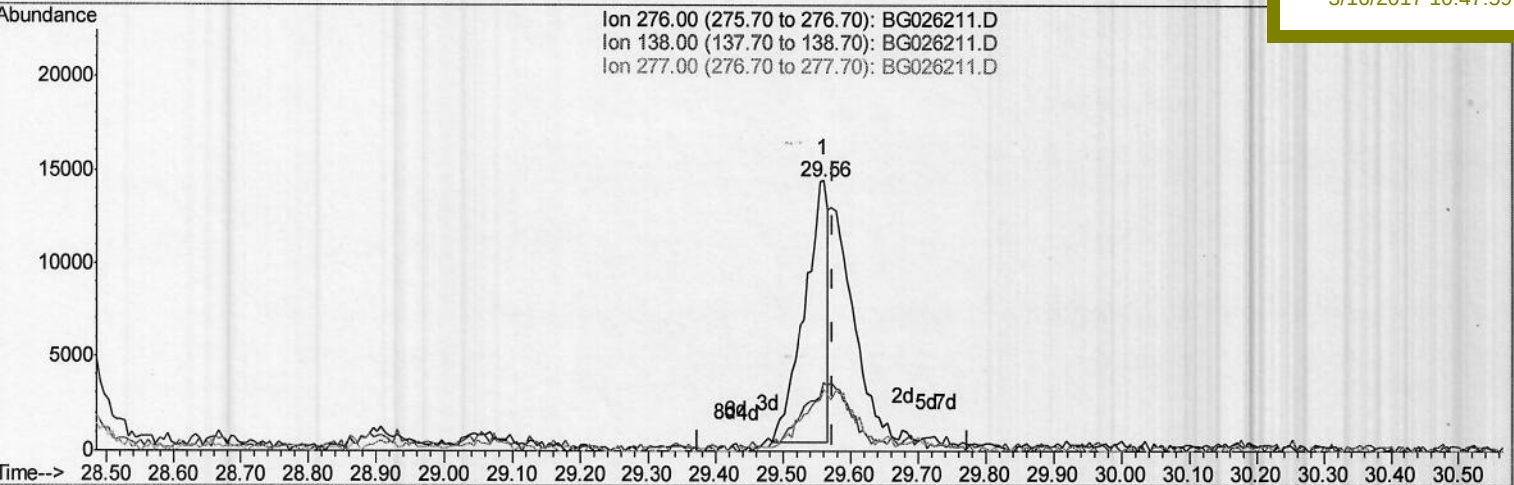
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(30) Benzo(g,h,i)perylene

29.560min (-0.015) 1.15ng/ul

response 33678

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	25.24
277.00	24.60	22.14
0.00	0.00	0.00

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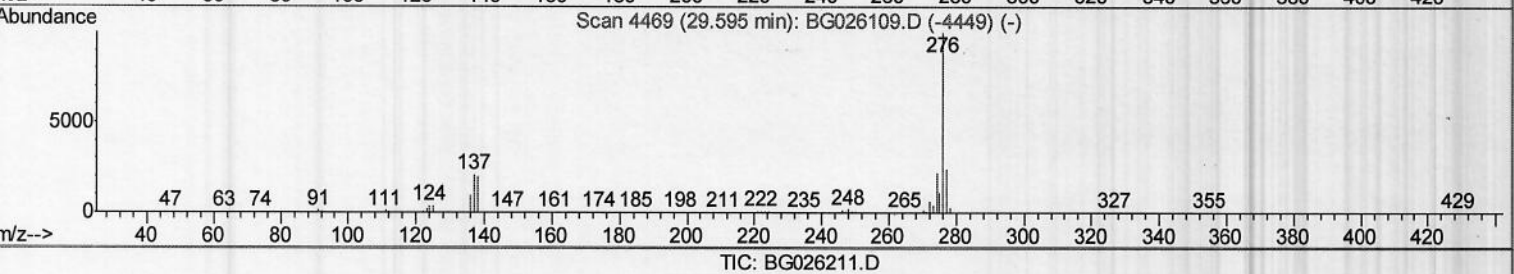
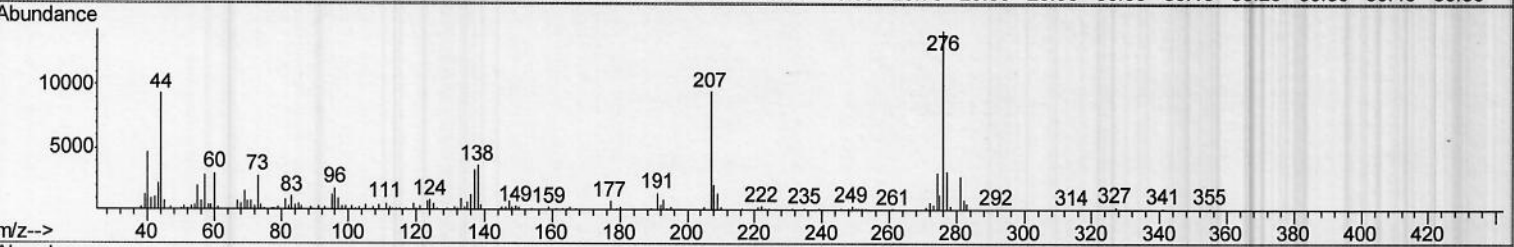
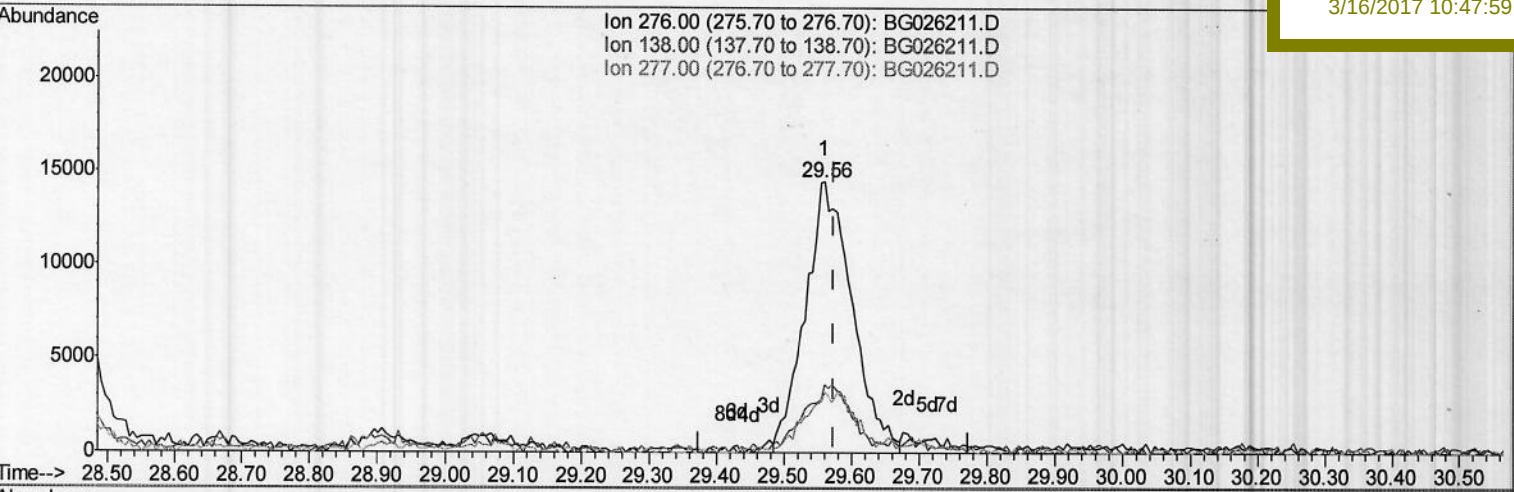
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Manual Integrations
 APPROVED

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 3/16/2017 10:47:59 AM



(30) Benzo(g,h,i)perylene

29.560min (-0.015) 2.38ng/ul m

response 69542

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	25.24
277.00	24.60	22.14
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	70614	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	366783	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	241253	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	591568	20.00	ng/ul	0.00
18) Chrysene-d12	21.63	240	619936	20.00	ng/ul	0.00
23) Perylene-d12	24.82	264	585924	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	83075	15.29	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	500628	24.34	ng/ul	0.00
10) Fluorene-d10	15.65	176	367811	24.51	ng/ul	0.00
15) Anthracene-d10	17.49	188	574887	21.87	ng/ul	0.00
19) Pyrene-d10	19.77	212	626834	19.82	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	563377	22.29	ng/ul	0.00
Target Compounds						
4) Naphthalene	10.91	128	24857	1.39	ng/ul#	96
14) Phenanthrene	17.43	178	278462	8.88	ng/ul	98
16) Anthracene	17.52	178	45987	1.45	ng/ul	99
17) Fluoranthene	19.43	202	453008	13.92	ng/ul	98
20) Pyrene	19.80	202	382601	9.69	ng/ul	98
21) Benzo(a)anthracene	21.62	228	187836	5.44	ng/ul	96
22) Chrysene	21.68	228	177781	5.52	ng/ul	97
24) Benzo(b)fluoranthene	23.81	252	221555	6.66	ng/ul	98
25) Benzo(k)fluoranthene	23.87	252	73882m	2.33	ng/ul	
27) Benzo(a)pyrene	24.67	252	111828	3.62	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.45	276	70990m	2.08	ng/ul	
30) Benzo(g,h,i)perylene	29.56	276	69542m	2.38	ng/ul	

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

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