

Quantitation Report (QT Reviewed)

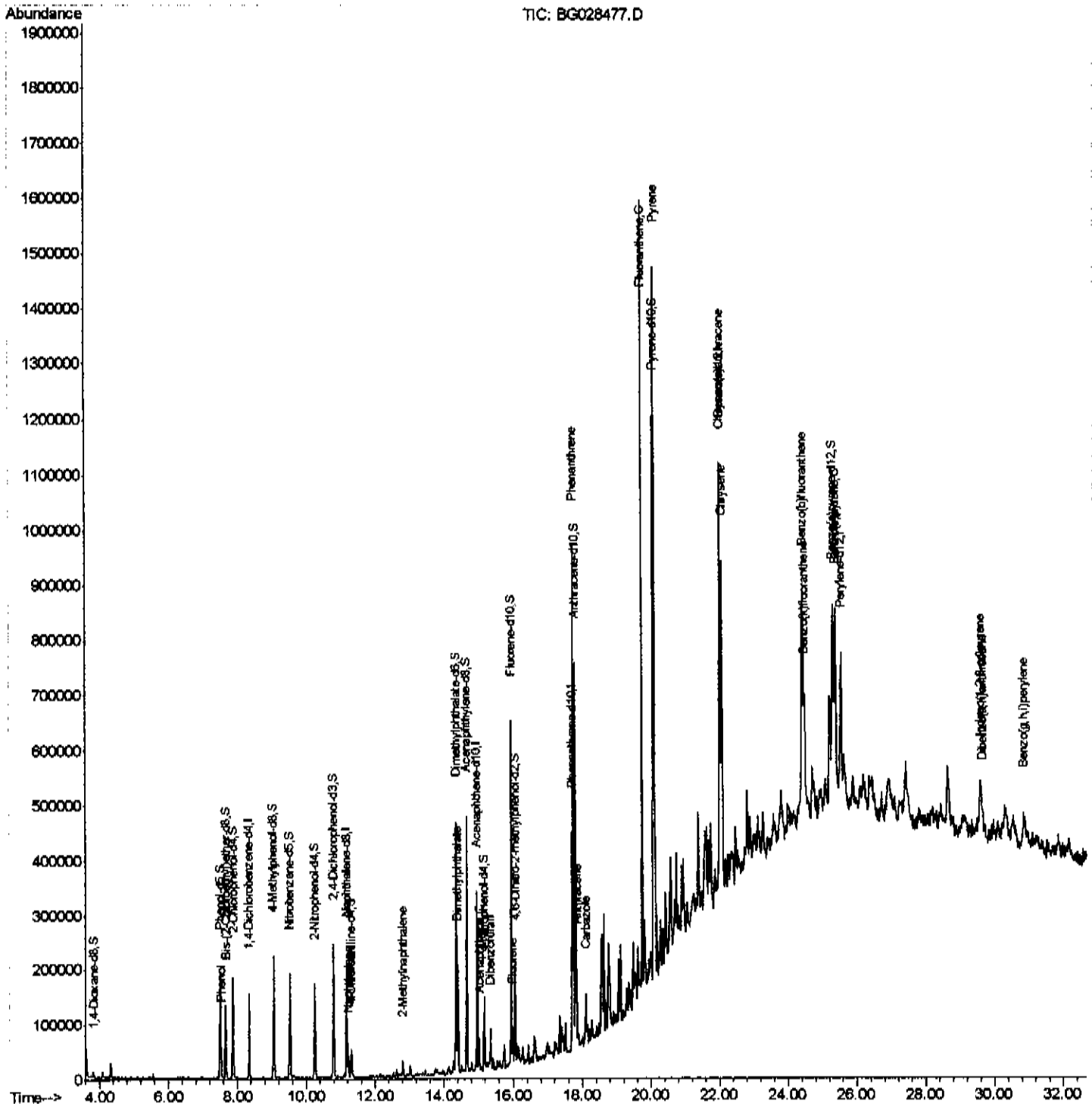
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028477.D
 Acq On : 25 Aug 2017 2:03
 Operator : SJ/JU
 Sample : I4840-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 B0AK6

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:44:01 PM

Quant Time: Aug 25 04:39:04 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 03:52:53 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

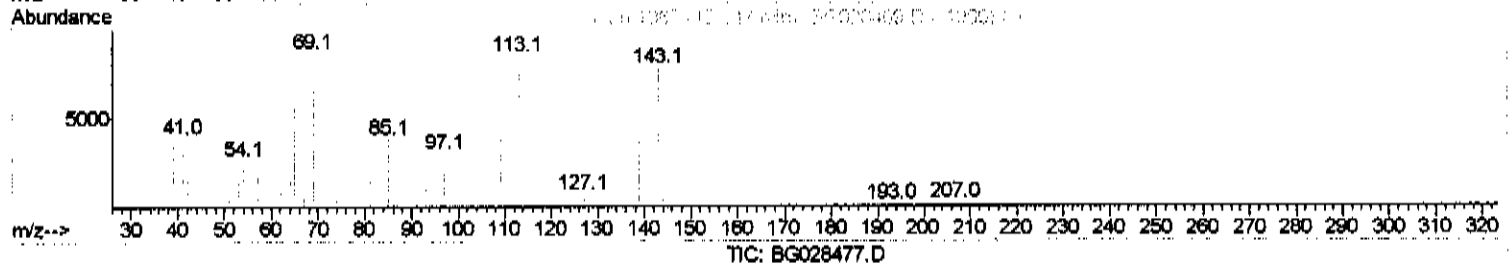
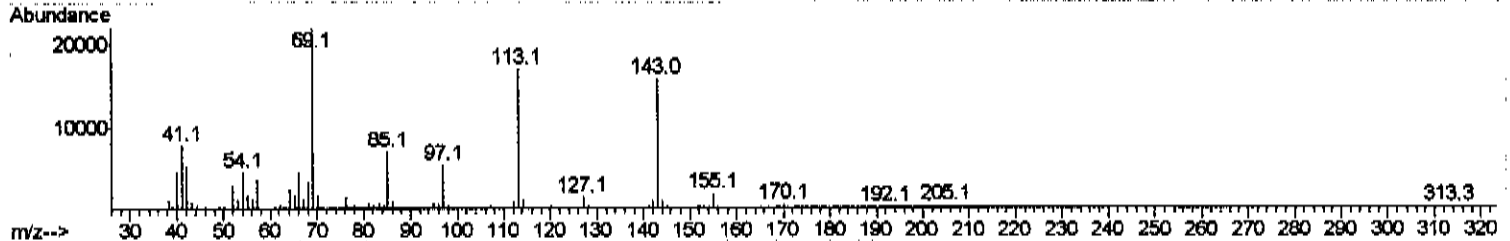
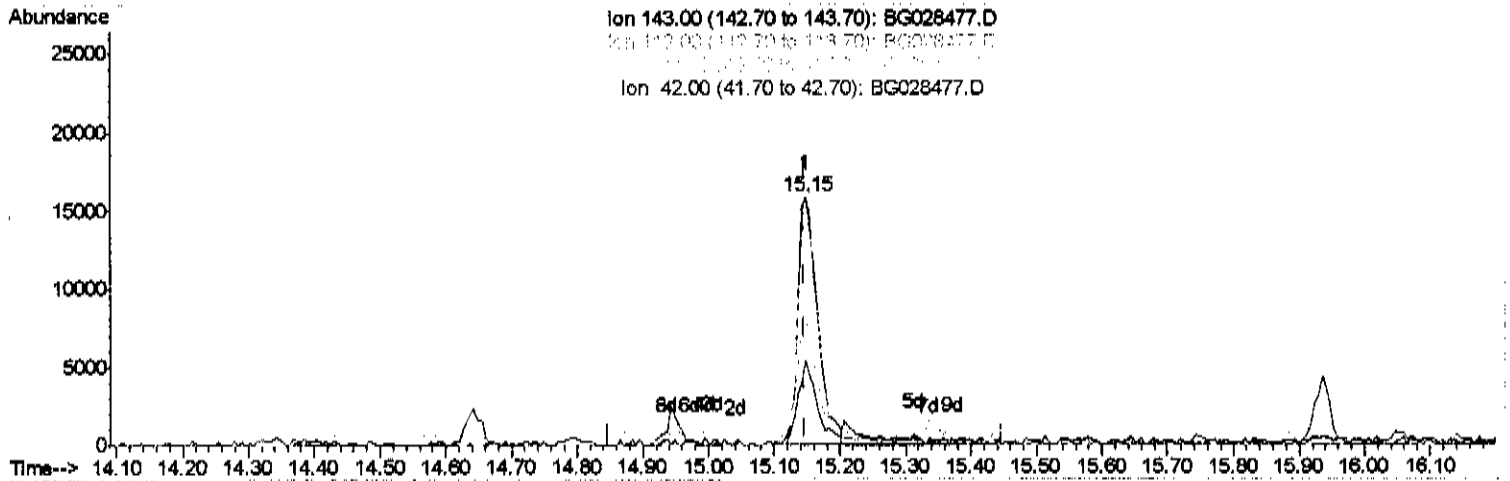
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(51) 4-Nitrophenol-d4 (S)

15.148min (+0.000) 20.99ng/ul

response 33478

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	107.60
41.00	58.00	49.47
42.00	42.20	34.06

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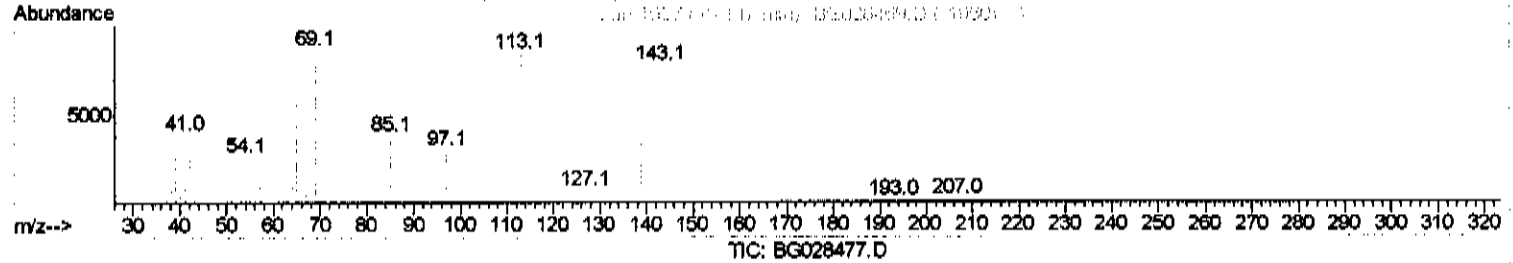
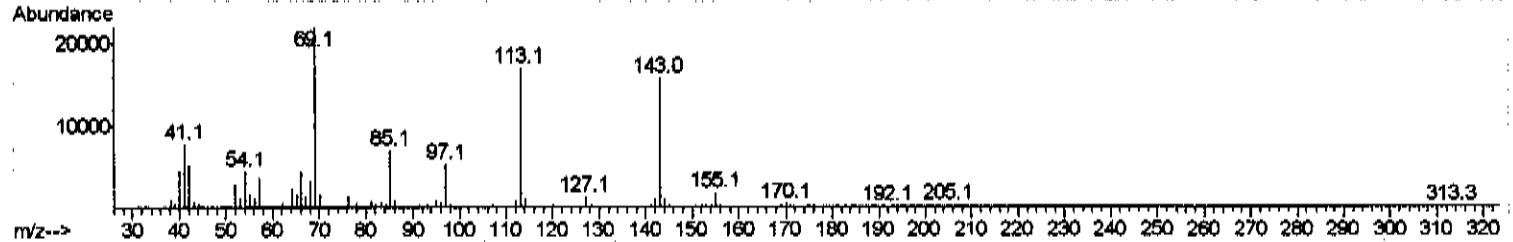
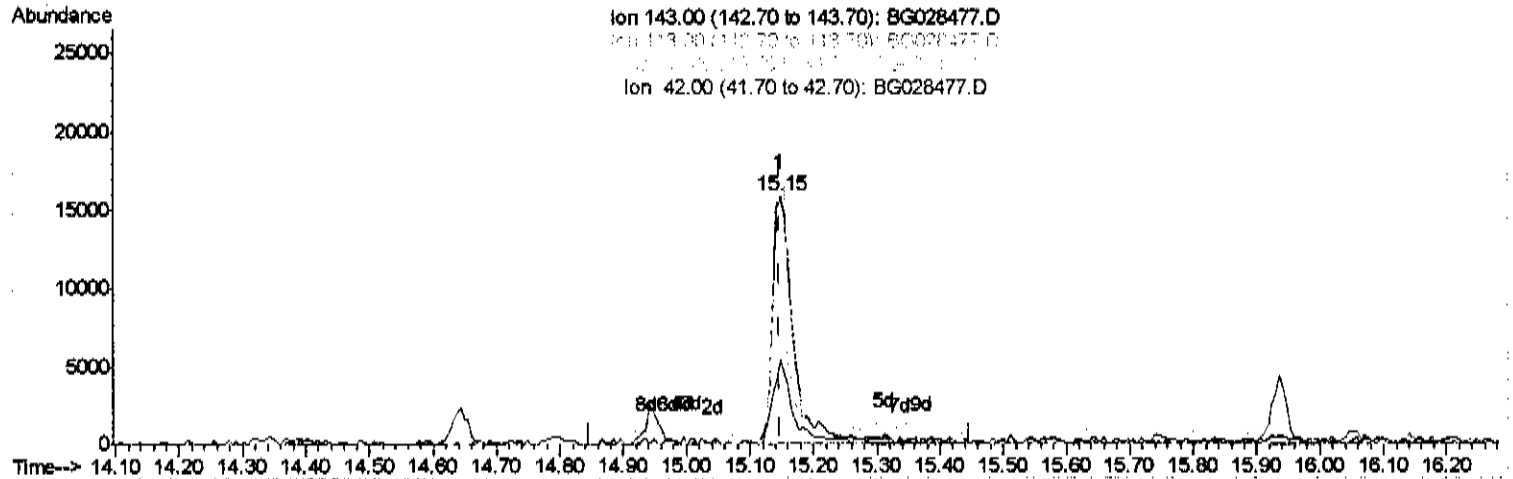
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(51) 4-Nitrophenol-d4 (S)

15.148min (+0.000) 22.75ng/ul m

response 36287

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	107.60
41.00	58.00	49.47
42.00	42.20	34.06

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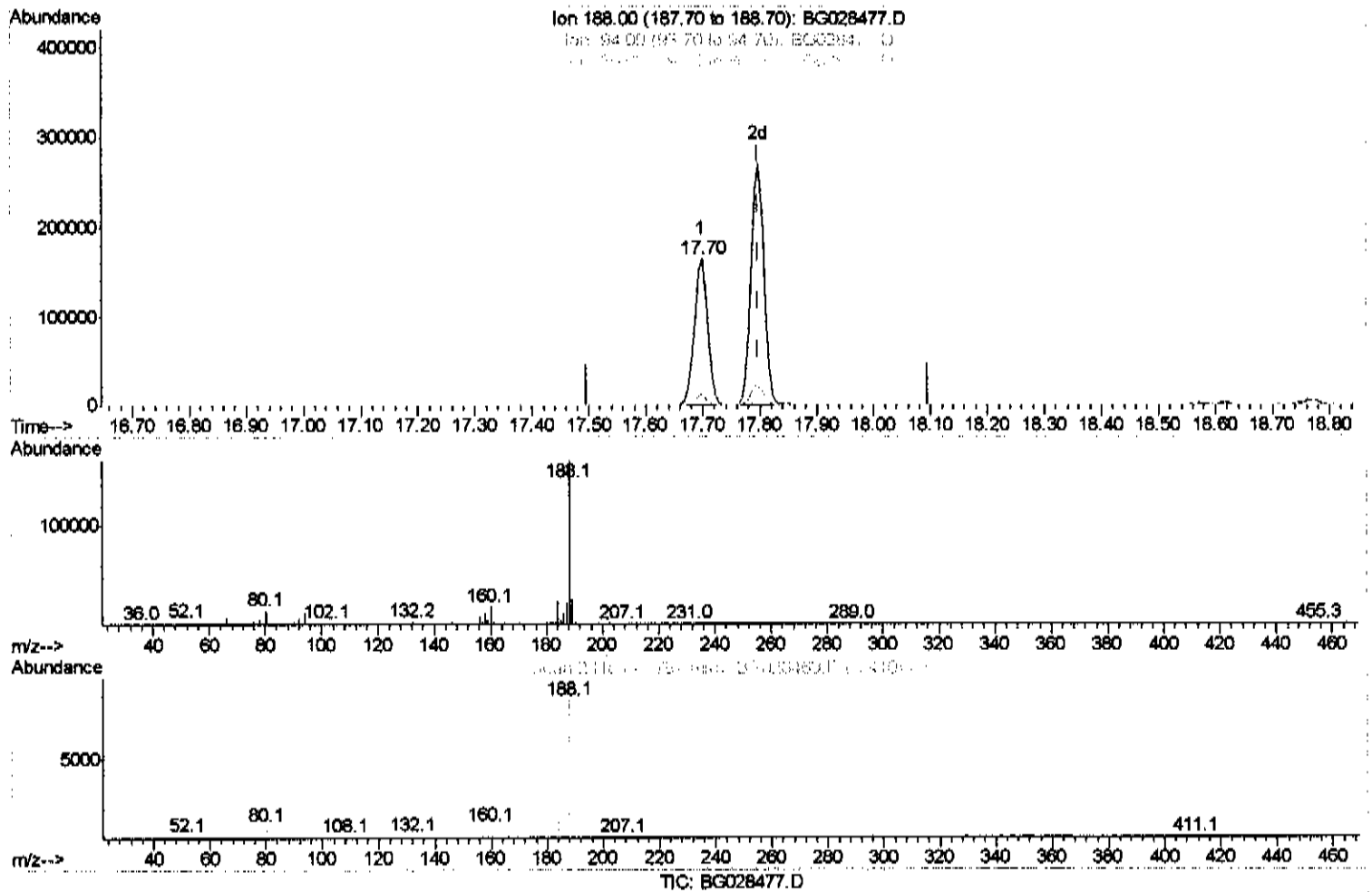
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(70) Anthracene-d10 (S)

17.698min (-0.100) 20.85ng/ul

response 257998

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.64
80.00	9.50	8.48
0.00	0.00	0.00

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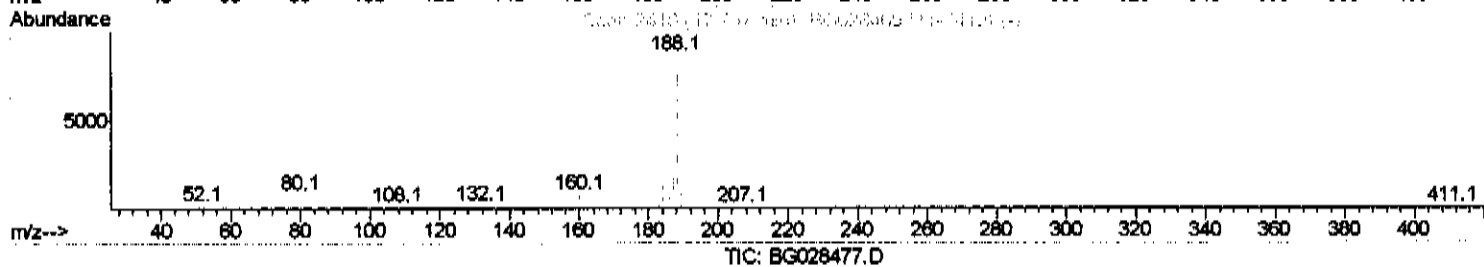
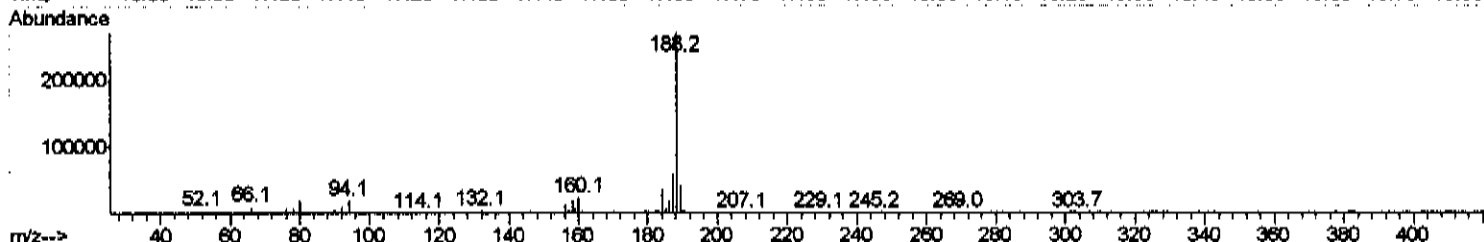
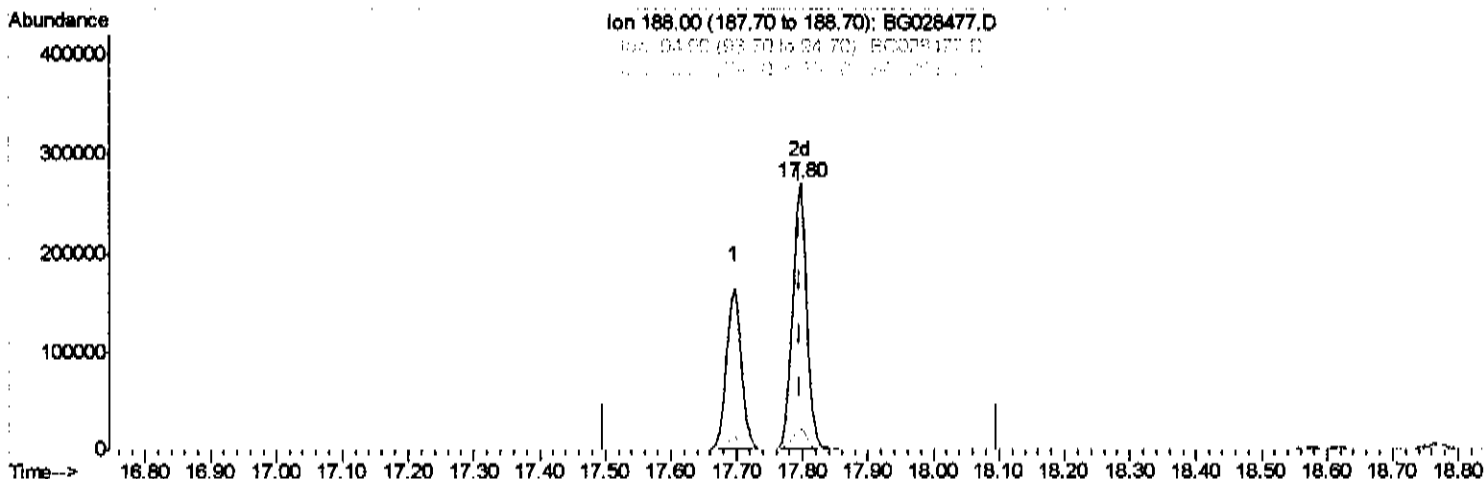
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(70) Anthracene-d10 (S)

17.798min (+0.000) 33.19ng/ul m

response 410597

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.59
80.00	9.50	7.10%
0.00	0.00	0.00

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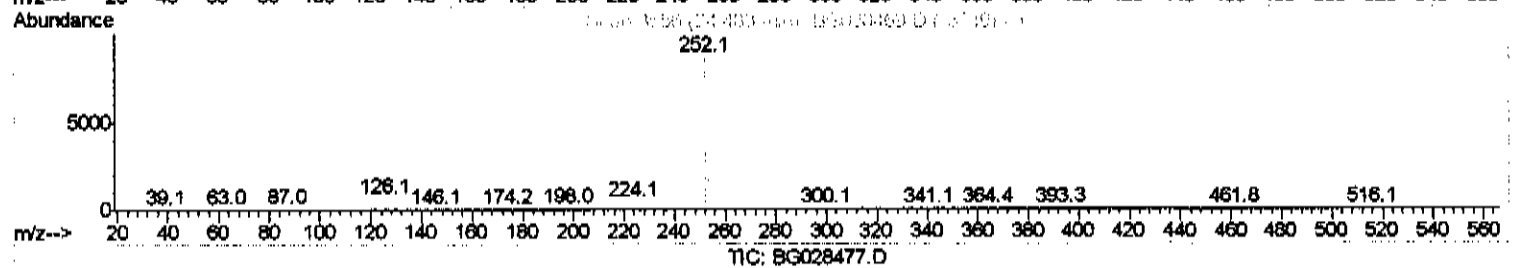
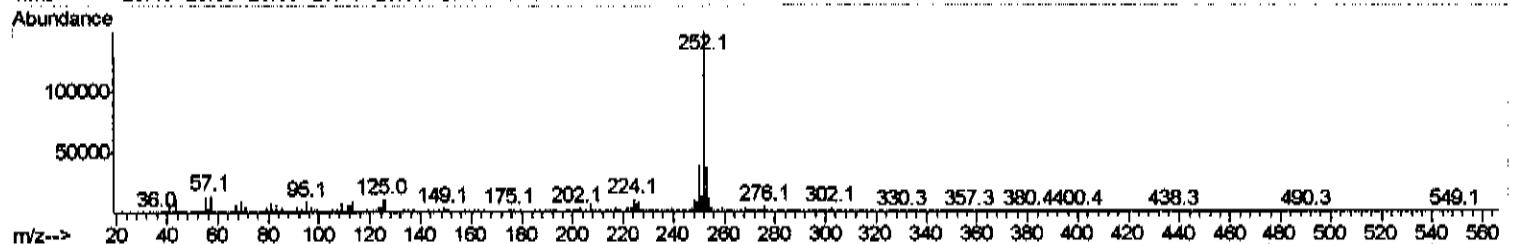
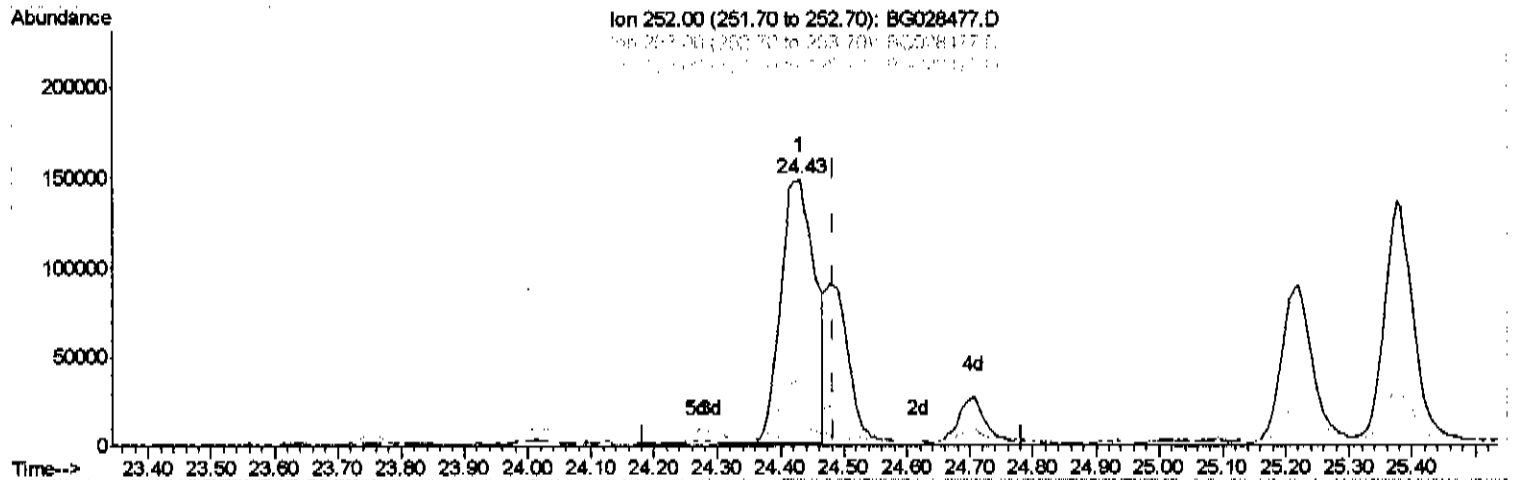
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(86) Benzo(k)fluoranthene

24.431min (-0.053) 30.74ng/ul

response 560375

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	24.60
125.00	5.10	7.37#
0.00	0.00	0.00

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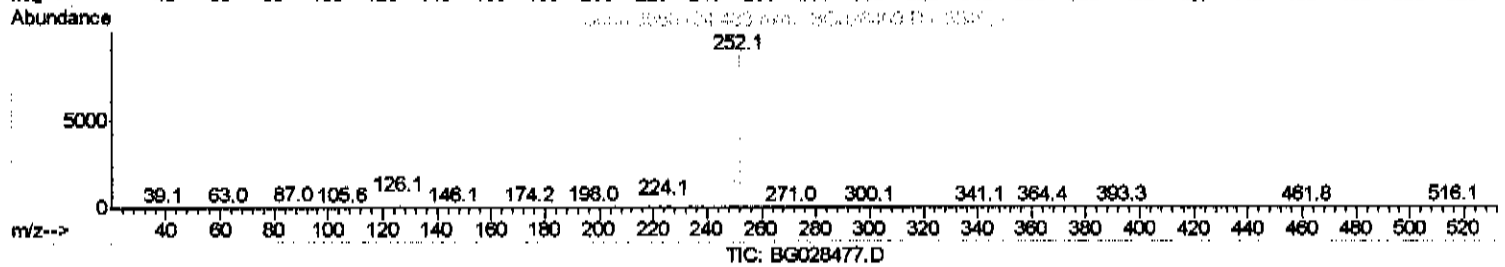
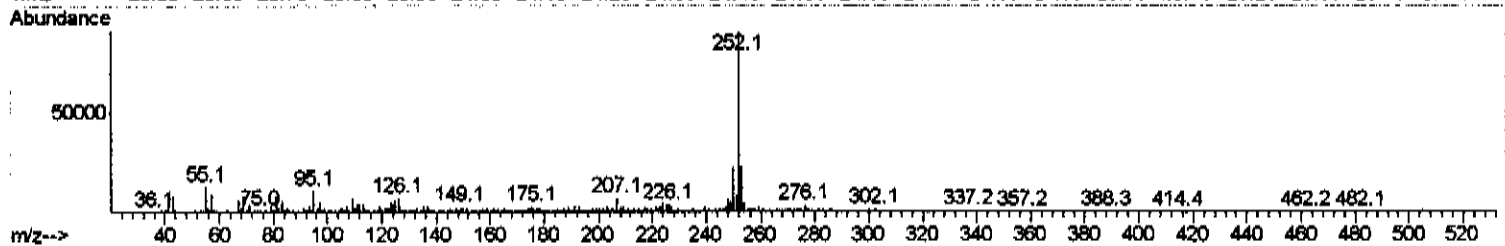
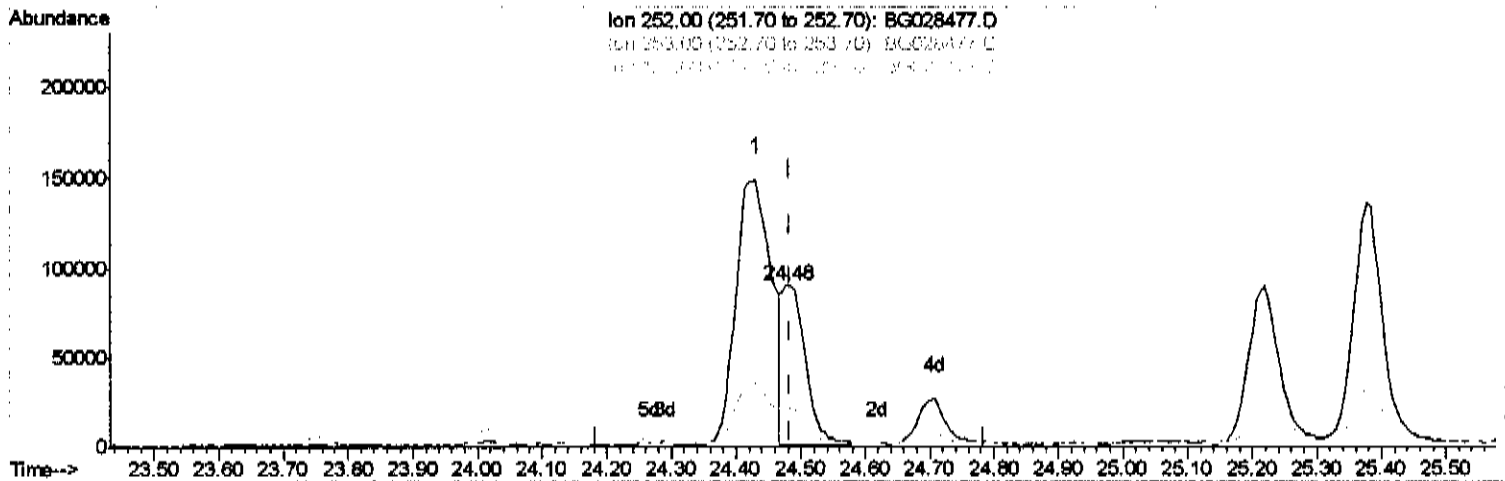
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 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampled :
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(86) Benzo(k)fluoranthene

24.478min (-0.006) 12.38ng/ul m

response 225720

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	25.78
125.00	5.10	7.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

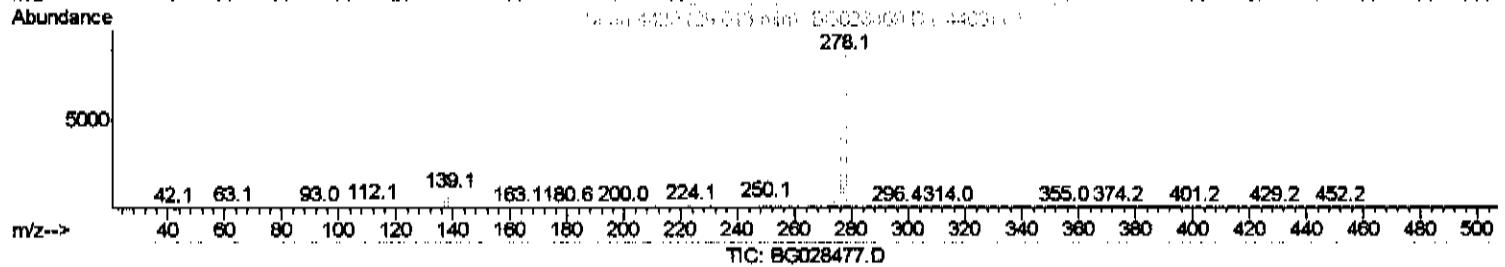
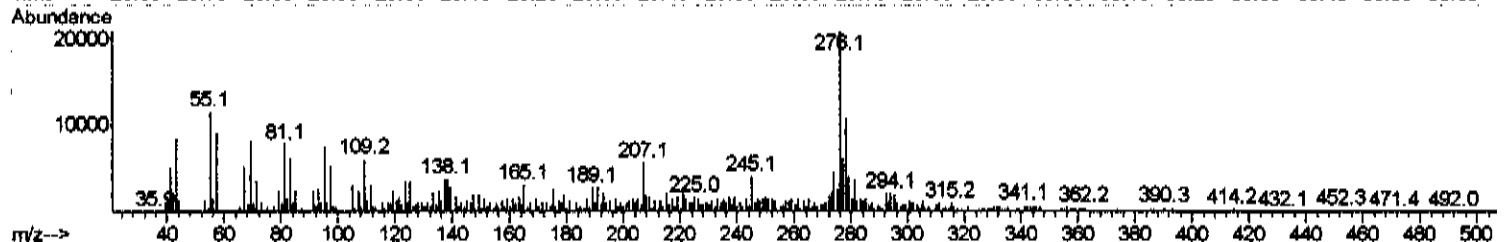
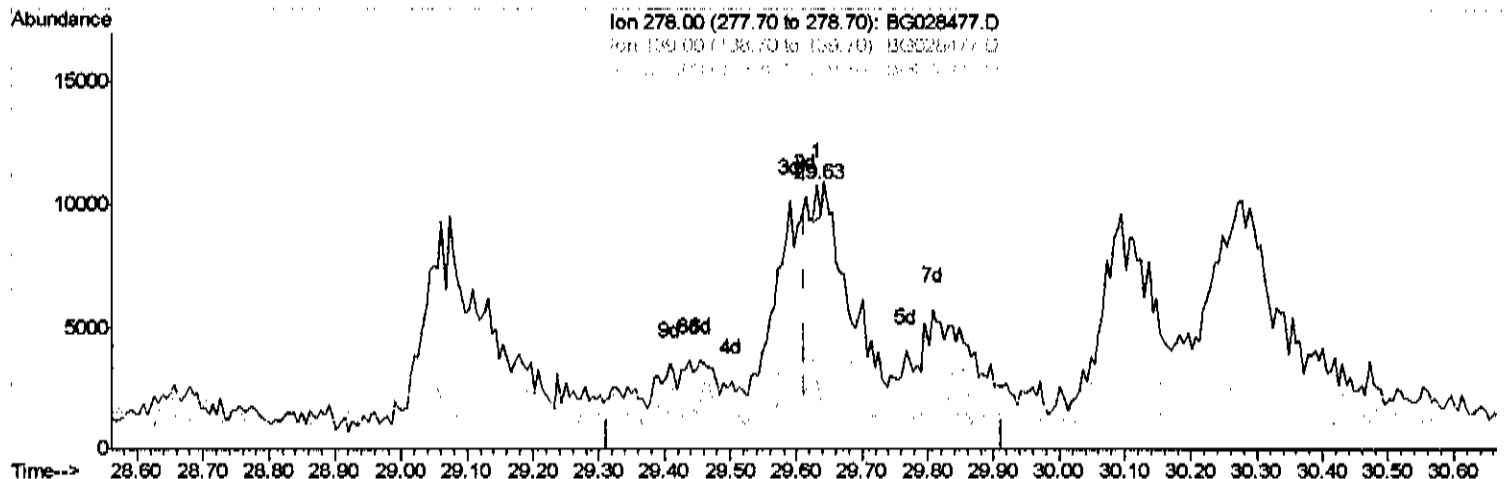
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(90) Dibenzo(a,h)anthracene

29.631min (+0.018) 0.03ng/ul

response 552

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	27.34#
279.00	26.10	37.85#
0.00	0.00	0.00

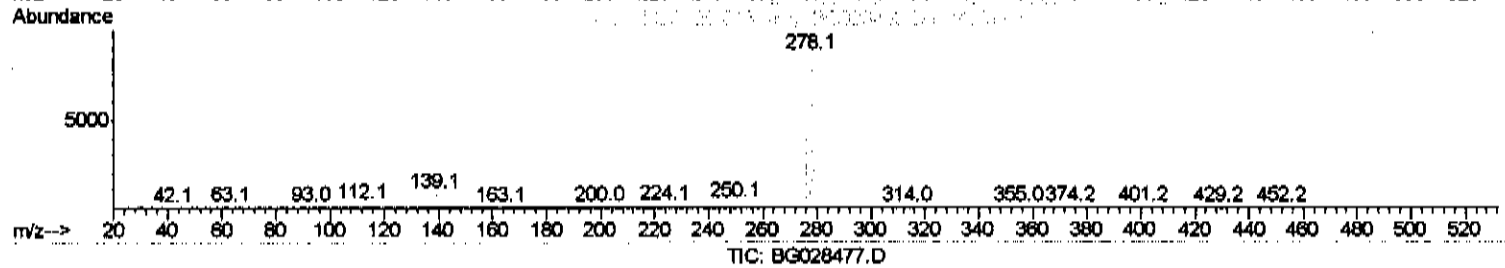
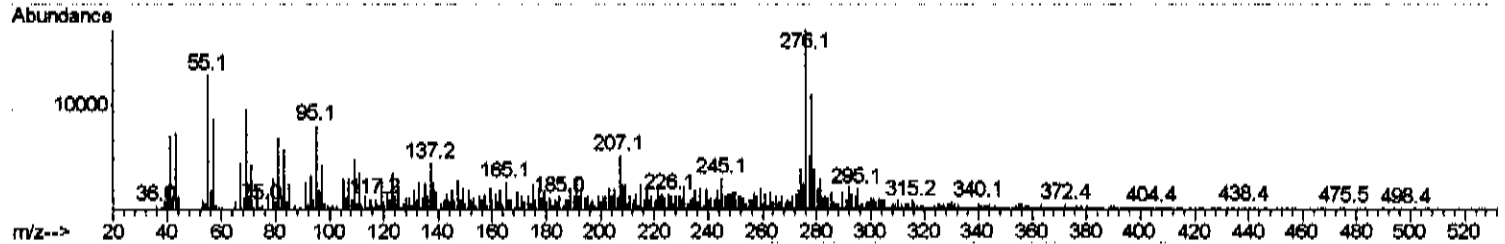
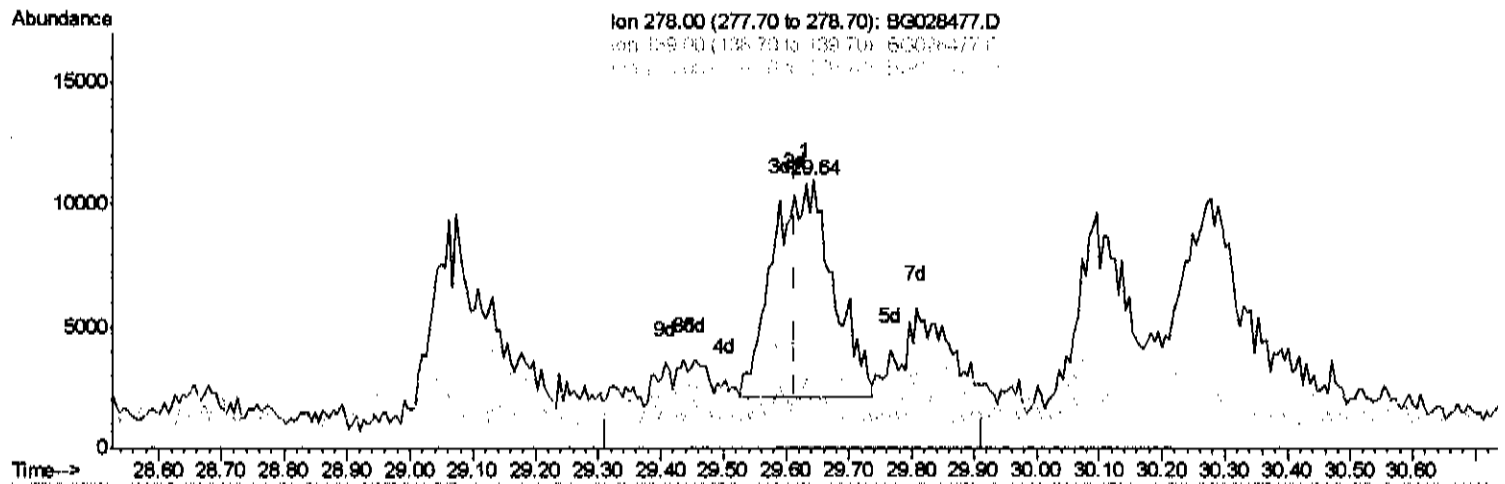
Instrument :
BNA_G
ClientSampleId :
B0AK6

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Sample    : I4840-10  
Misc      :  
ALS Vial  : 23    Sample Multiplier: 1
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Manual Integrations APPROVED

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(90) Dibenzo(a,h)anthracene

29.642min (+0.030) 3.30ng/ul m

response 58542

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	16.34#
279.00	26.10	34.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

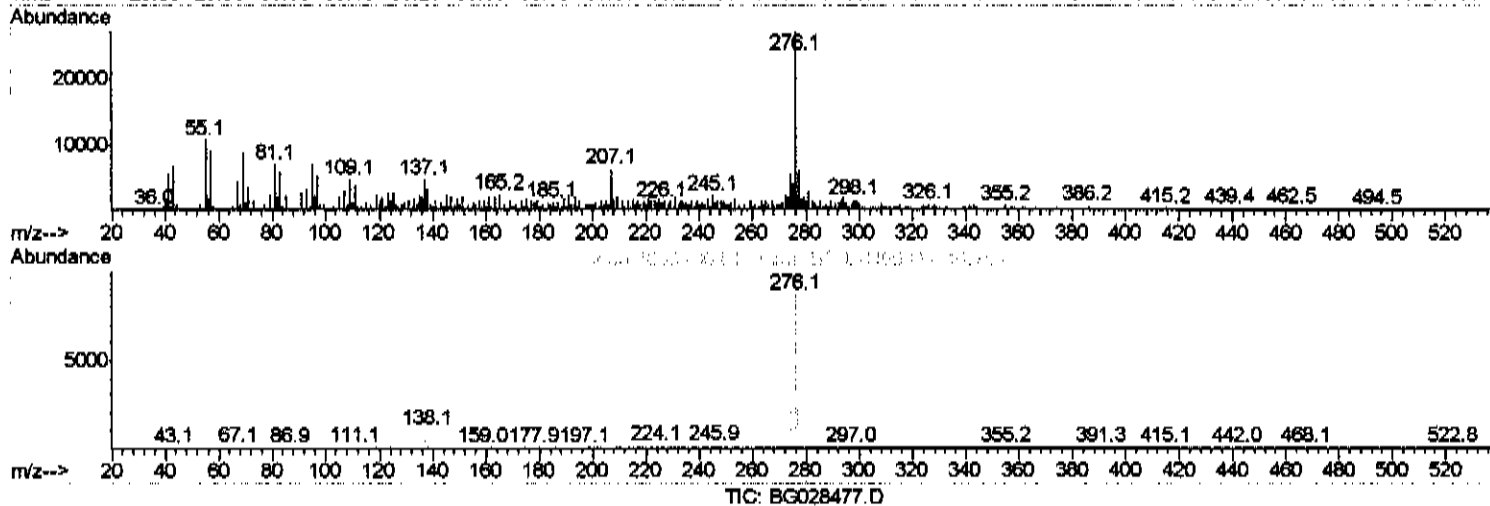
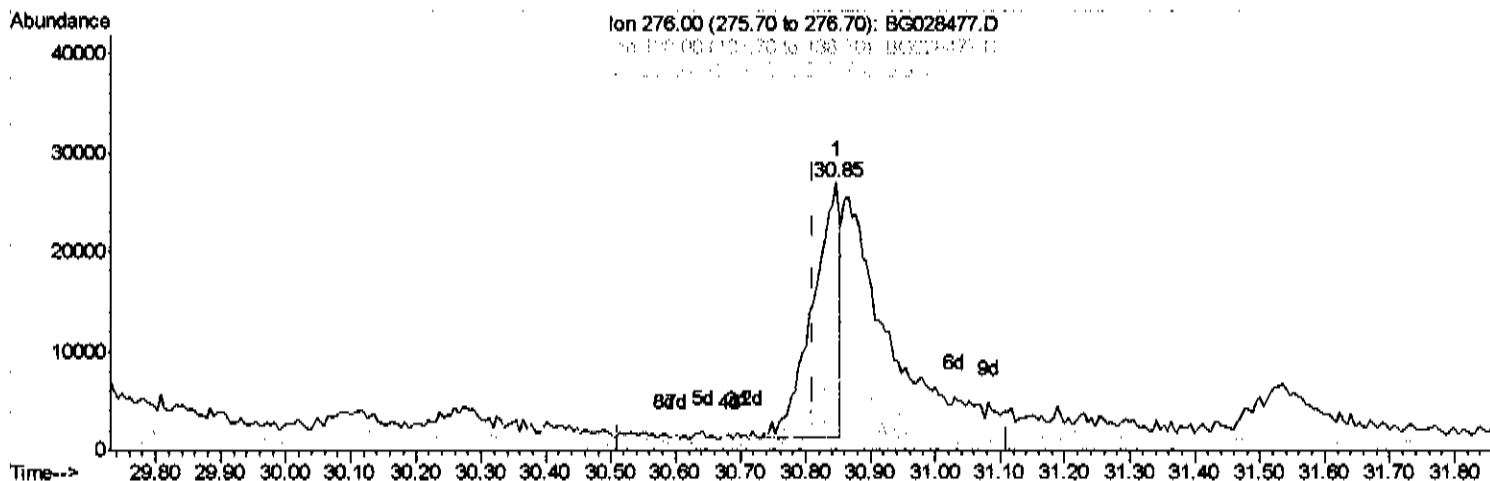
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(91) Benzo(g,h,i)perylene

30.847min (+0.036) 4.40ng/ul

response 76560

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	12.48
277.00	22.00	23.28
0.00	0.00	0.00

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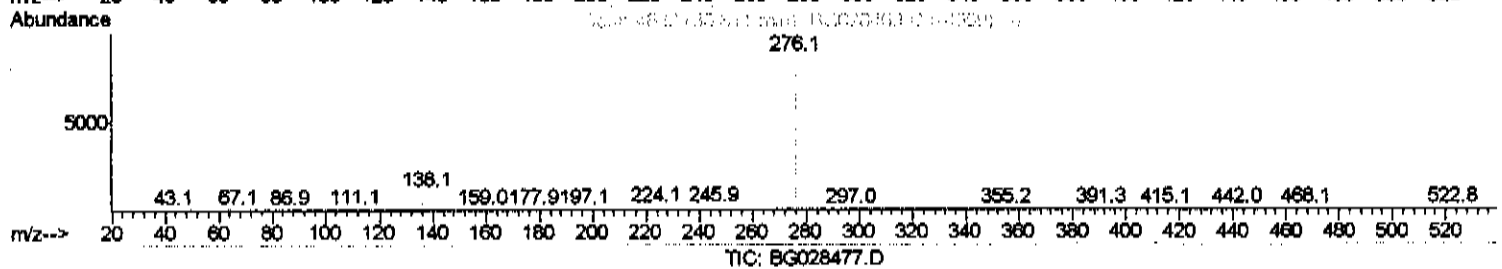
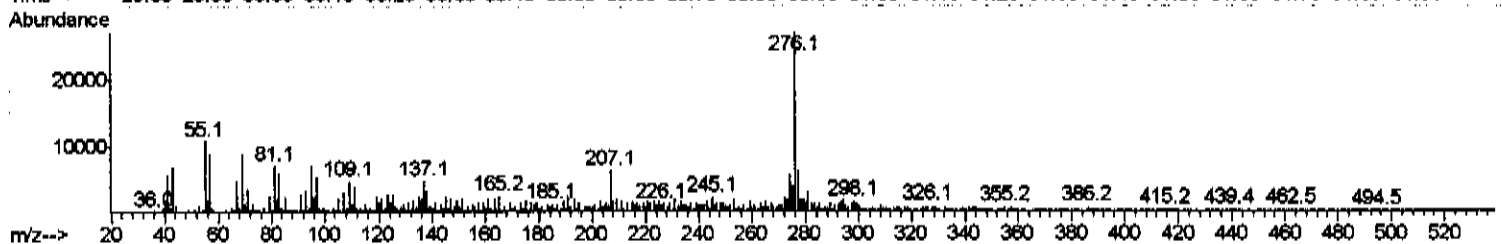
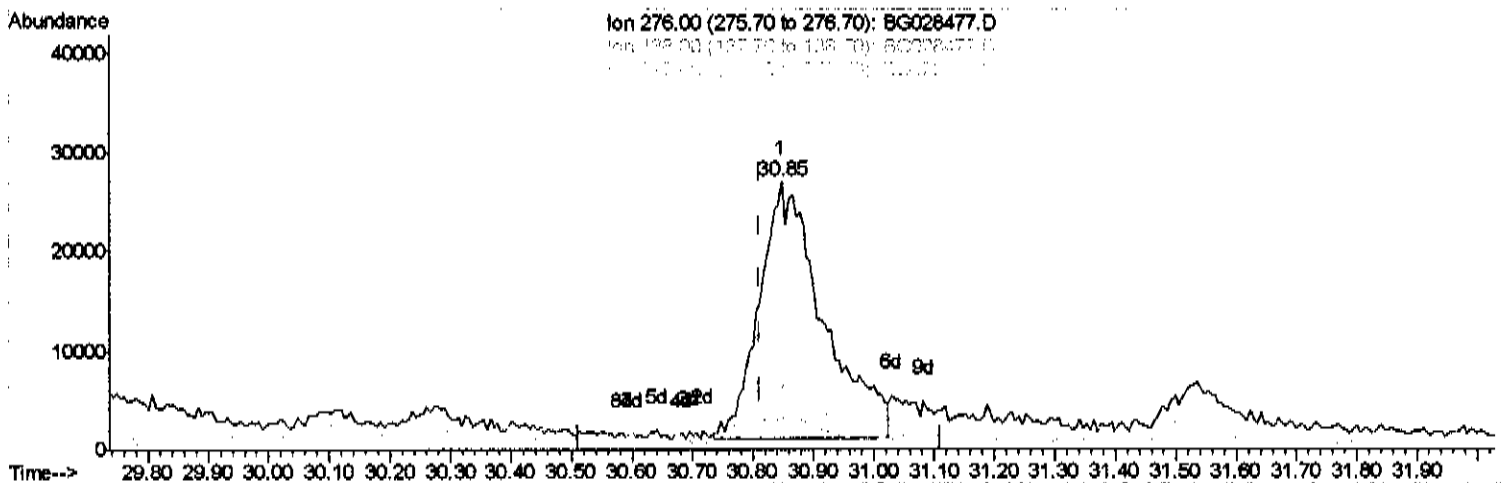
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(91) Benzo(g,h,i)perylene

30.847min (+0.036) 10.90ng/ul m

response 189704

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	12.48
277.00	22.00	23.28
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	8.33	152	42234	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	174504	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	112780	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	257998	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	318533	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	311881	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	4434	4.89	ng/uL	0.01
5) Phenol-d5	7.49	99	112464	24.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	67188	22.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	82604	28.23	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	89749	23.15	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	42396	31.07	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	50760	33.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	97054	31.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	29597	8.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	306939	30.60	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	353340	31.24	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	36287m	22.75	ng/ul	> 0.00
57) Fluorene-d10	15.94	176	258978	28.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.05	200	43271	25.82	ng/ul	0.00
70) Anthracene-d10	17.80	188	410597m	33.19	ng/ul	> 0.00
76) Pyrene-d10	20.07	212	487167	29.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	482530	33.05	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	7.52	94	16036	3.479	ng/ul	100
28) Naphthalene	11.21	128	29445	3.407	ng/ul#	92
34) 2-Methylnaphthalene	12.79	142	13514	1.947	ng/ul	95
44) Dimethylphthalate	14.38	163	117069	12.675	ng/ul	97
49) Acenaphthene	15.01	153	25520	3.500	ng/ul	93
53) Dibenzofuran	15.34	168	34175	3.214	ng/ul	98
58) Fluorene	15.99	166	27832	2.957	ng/ul	93
69) Phenanthrene	17.74	178	589599	45.410	ng/ul	99
71) Anthracene	17.83	178	93677	7.059	ng/ul	97
72) Carbazole	18.10	167	54513	4.724	ng/ul	93
74) Fluoranthene	19.74	202	915013	57.988	ng/ul	99
77) Pyrene	20.10	202	835852	43.983	ng/ul	100
80) Benzo(a)anthracene	22.01	228	474885	25.802	ng/ul	98
82) Chrysene	22.08	228	476187	28.729	ng/ul	97
85) Benzo(b)fluoranthene	24.43	252	560375	30.025	ng/ul#	94
86) Benzo(k)fluoranthene	24.48	252	225720m	12.382	ng/ul	> 94
88) Benzo(a)pyrene	25.38	252	428069	23.689	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.58	276	228793	10.812	ng/ul#	96
90) Dibenz(a,h)anthracene	29.64	278	58542m	3.301	ng/ul	> 96
91) Benzo(g,h,i)perylene	30.85	276	189704m	10.897	ng/ul	> 96

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