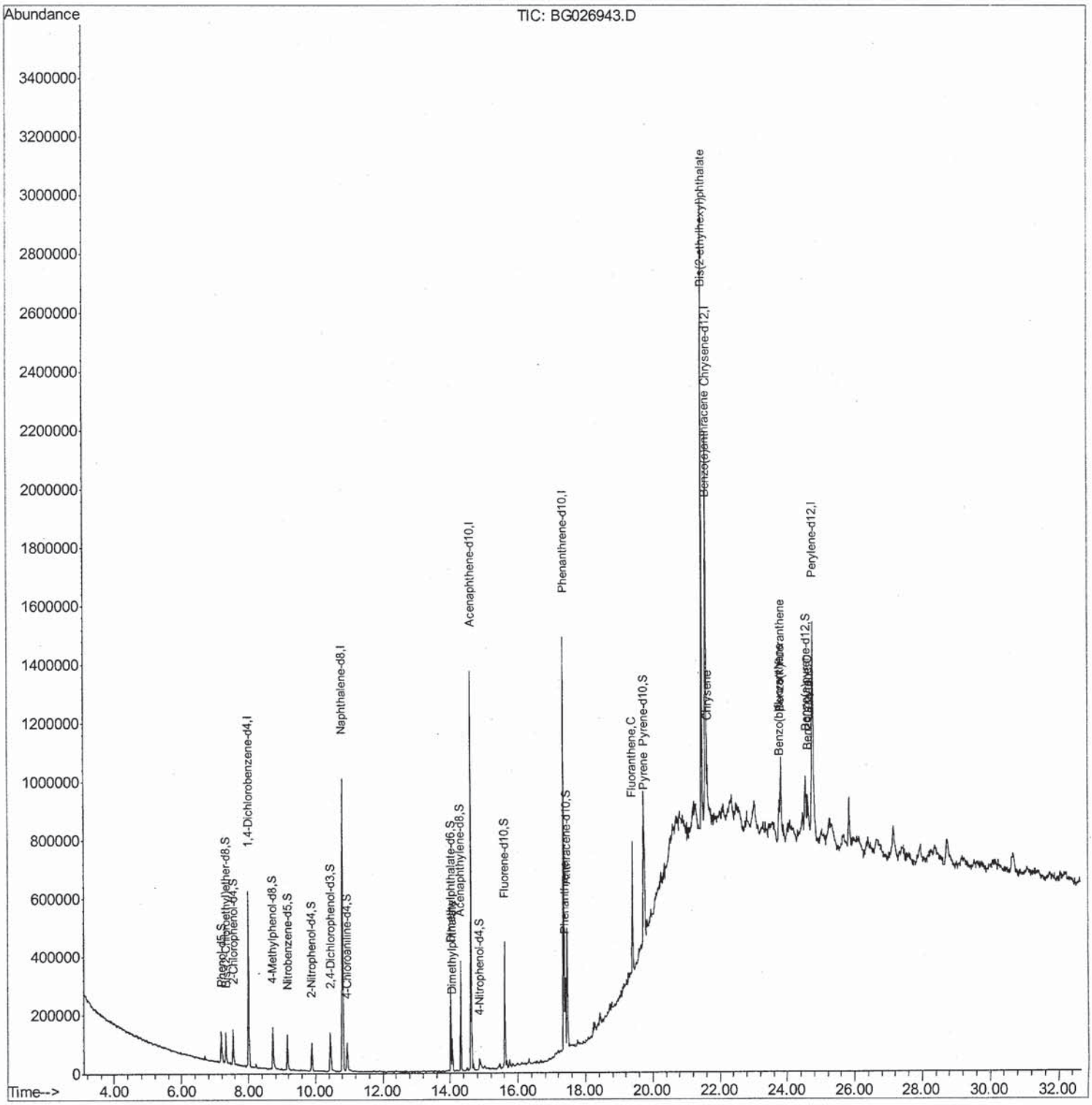
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051017\
Data File : BG026943.D
Acq On : 10 May 2017 18:22
Operator : SJ/MA
Sample : I2960-01DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 10 19:20:41 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 19:17:47 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BDC41DL

Manual Integrations APPROVED
mohammad
5/11/2017 4:53:33 PM



Quantitation Report (Qedit)

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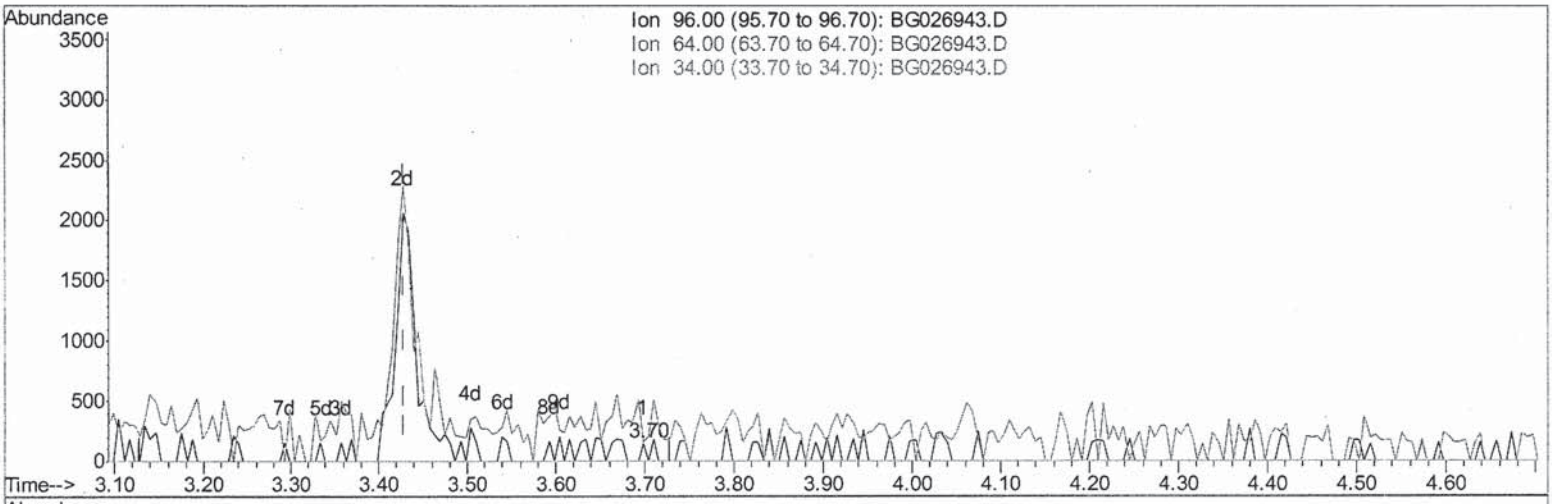

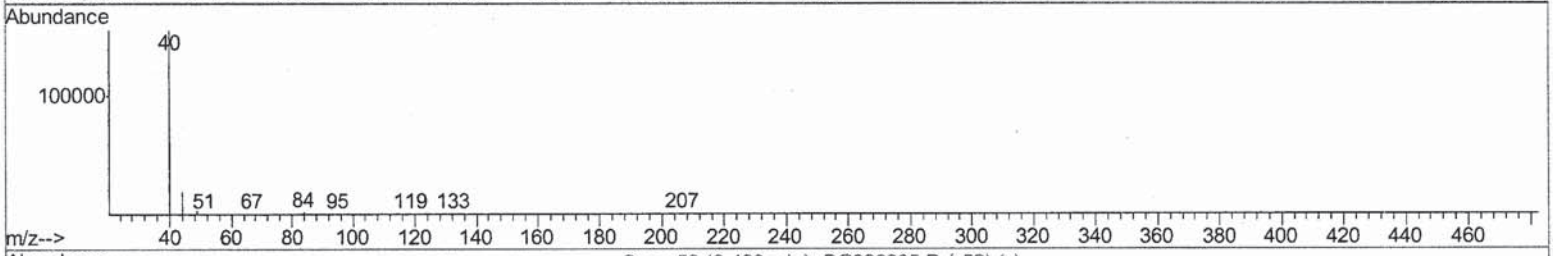

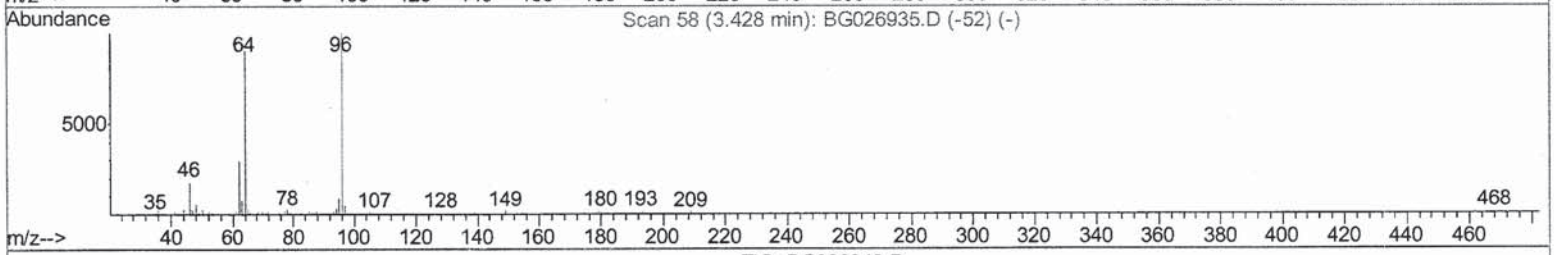

TIC: BG026943.D

(3) 1,4-Dioxane-d8 (S)

3.698min (+0.270) 0.01ng/uL

response 53

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	105.30
34.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
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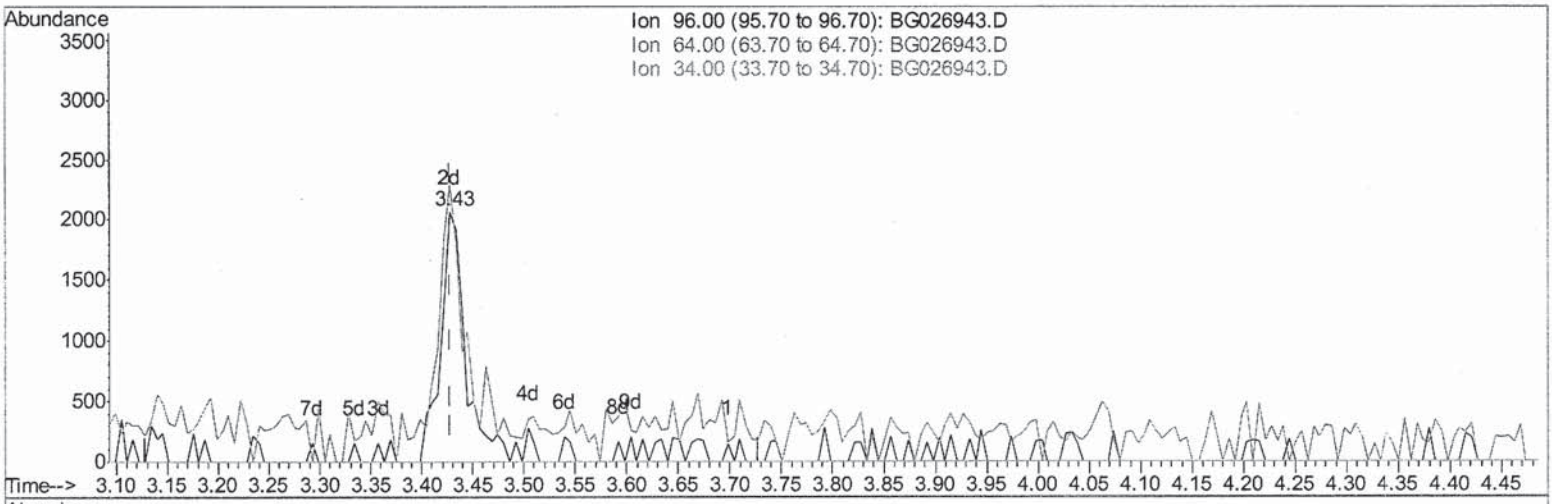
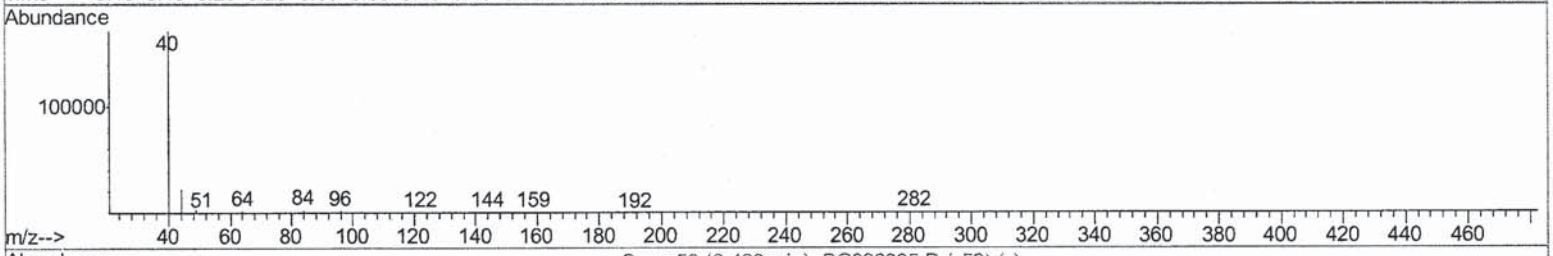
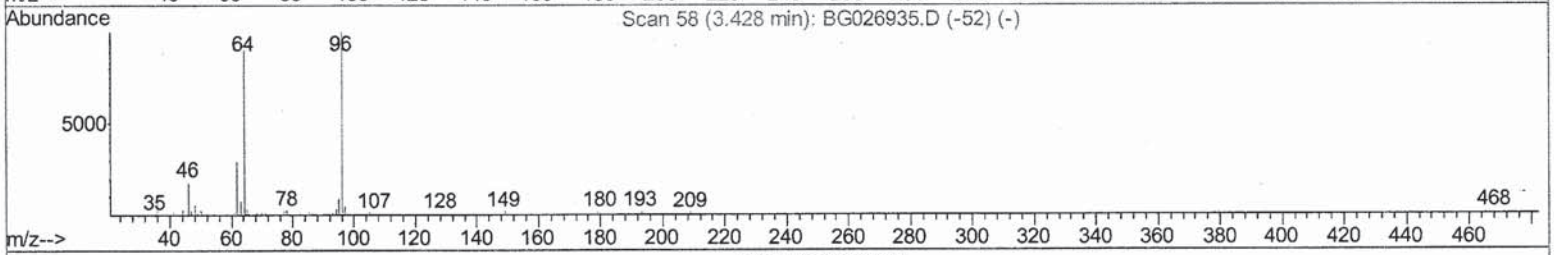
5/11/2017 4:53:33 PM







TIC: BG026943.D

(3) 1,4-Dioxane-d8 (S)

3.428min (-0.000) 0.89ng/uL m SJ 5/12/17

response 3504

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	111.07#
34.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
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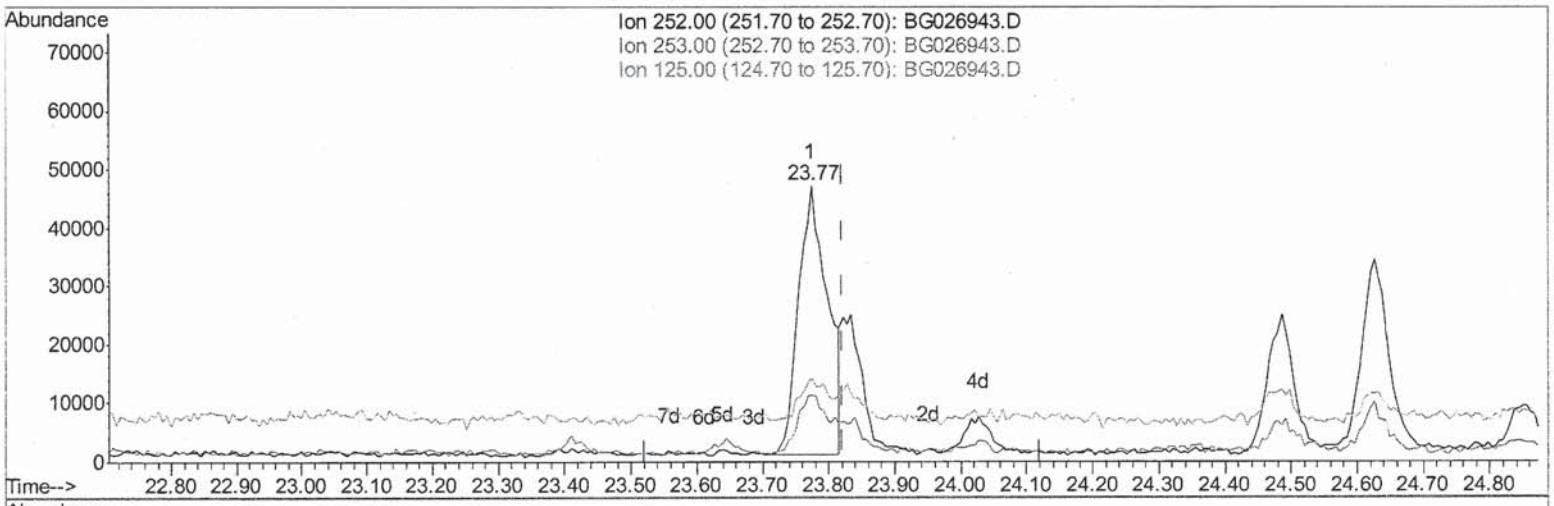

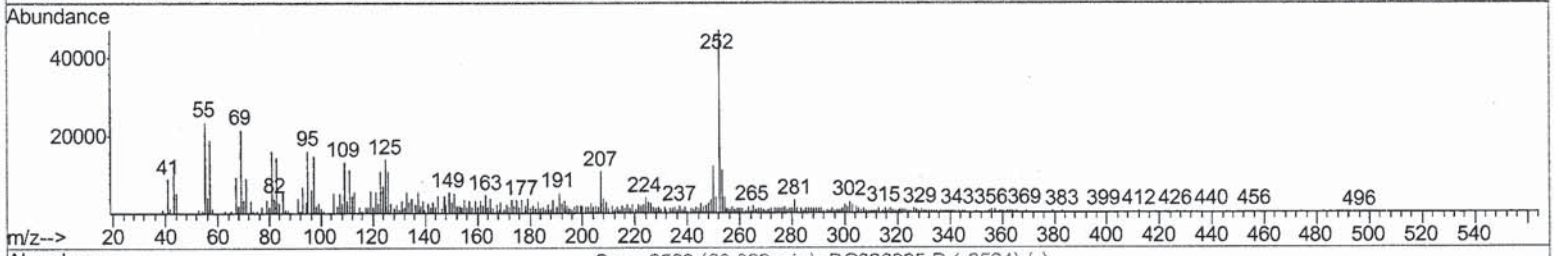

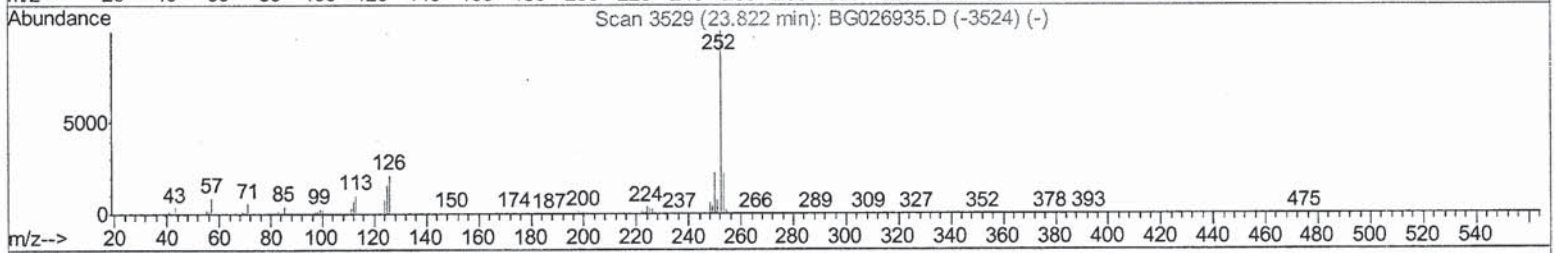

TIC: BG026943.D

(86) Benzo(k)fluoranthene

23.774min (-0.047) 3.36ng/ul

response 139327

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	24.19
125.00	5.10	30.12#
0.00	0.00	0.00

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Manual Integrations APPROVED
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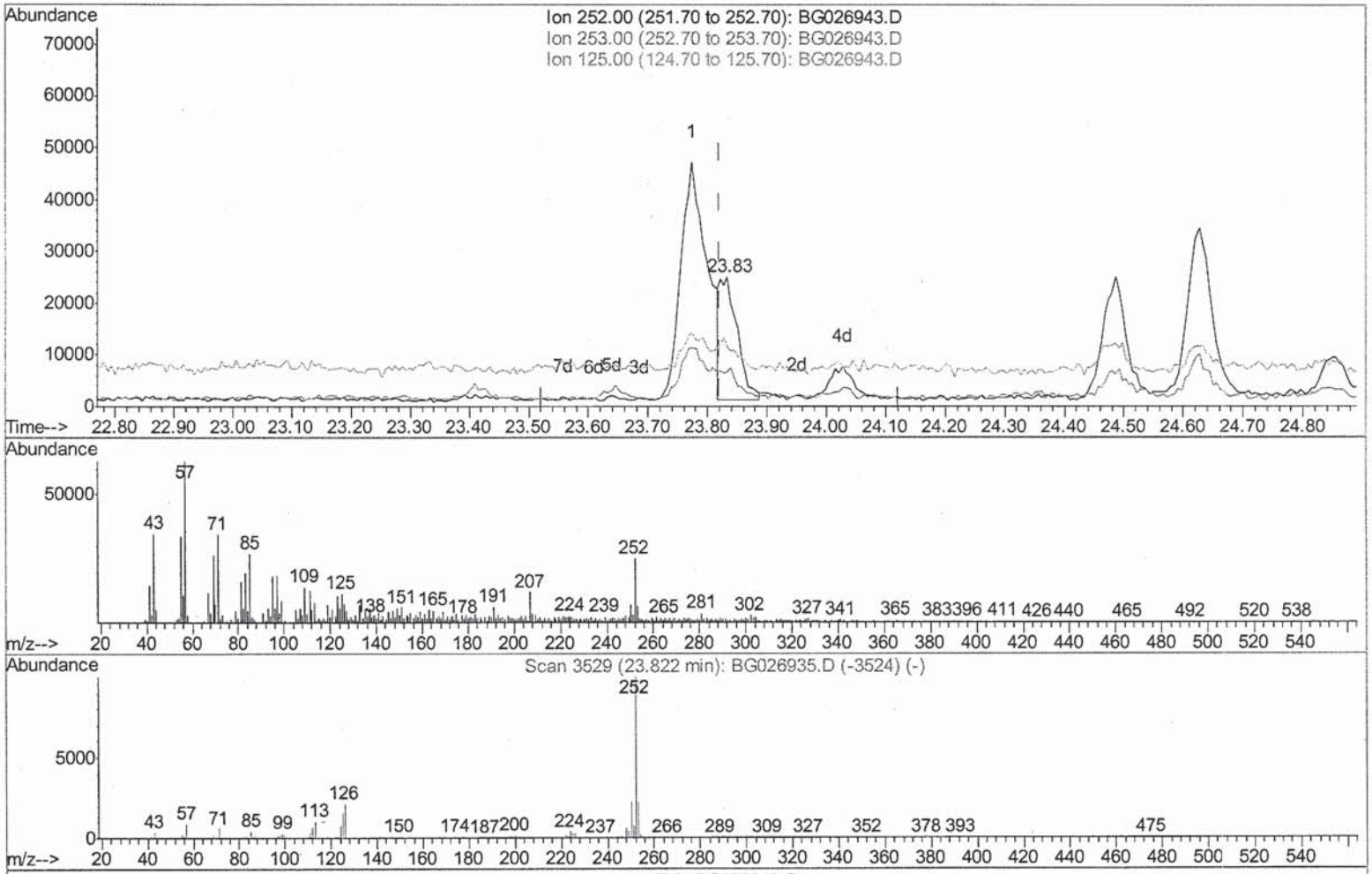

TIC: BG026943.D

(86) Benzo(k)fluoranthene

23.833min (+0.011) 1.20ng/ul m SJ 5/12/17

response 49708

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	26.82
125.00	5.10	46.18#
0.00	0.00	0.00

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Instrument : BNA_G
ClientSampleId : BDC41DL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	177438	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	879670	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	454530	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	808228	20.00	ng/ul	0.00
75) Chrysene-d12	21.61	240	697368	20.00	ng/ul	0.00
83) Perylene-d12	24.78	264	738867	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	3504m>	0.89	ng/uL	0.00
5) Phenol-d5	7.19	99	87034	5.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	53300	5.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	71653	5.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	75093	5.71	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	38882	5.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	41253	5.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	64134	5.05	ng/ul	0.01
29) 4-Chloroaniline-d4	10.95	131	71907	4.23	ng/ul	0.01
43) Dimethylphthalate-d6	14.02	166	200412	5.48	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	270265	5.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	21355	3.24	ng/ul	0.03
57) Fluorene-d10	15.61	176	170871	5.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.74	200	4128	0.84	ng/ul	0.01
70) Anthracene-d10	17.46	188	233280	5.95	ng/ul	0.00
76) Pyrene-d10	19.74	212	212535	5.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.56	264	200288	5.73	ng/ul	0.01
Target Compounds						Qvalue
44) Dimethylphthalate	14.07	163	73277	2.05	ng/ul	96
69) Phenanthrene	17.40	178	135622	2.98	ng/ul	99
74) Fluoranthene	19.40	202	254217	6.01	ng/ul#	82
77) Pyrene	19.77	202	203949	4.36	ng/ul#	77
80) Benzo(a)anthracene	21.59	228	102613	2.52	ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.48	149	886800	28.60	ng/ul#	99
82) Chrysene	21.65	228	106387	2.81	ng/ul	94
85) Benzo(b)fluoranthene	23.77	252	139327	3.30	ng/ul#	82
86) Benzo(k)fluoranthene	23.83	252	49708m>	1.20	ng/ul	
88) Benzo(a)pyrene	24.63	252	89897	2.16	ng/ul#	70

SJ 5/12/17

SJ 5/12/17

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