

Quantitation Report (LSC Reviewed)

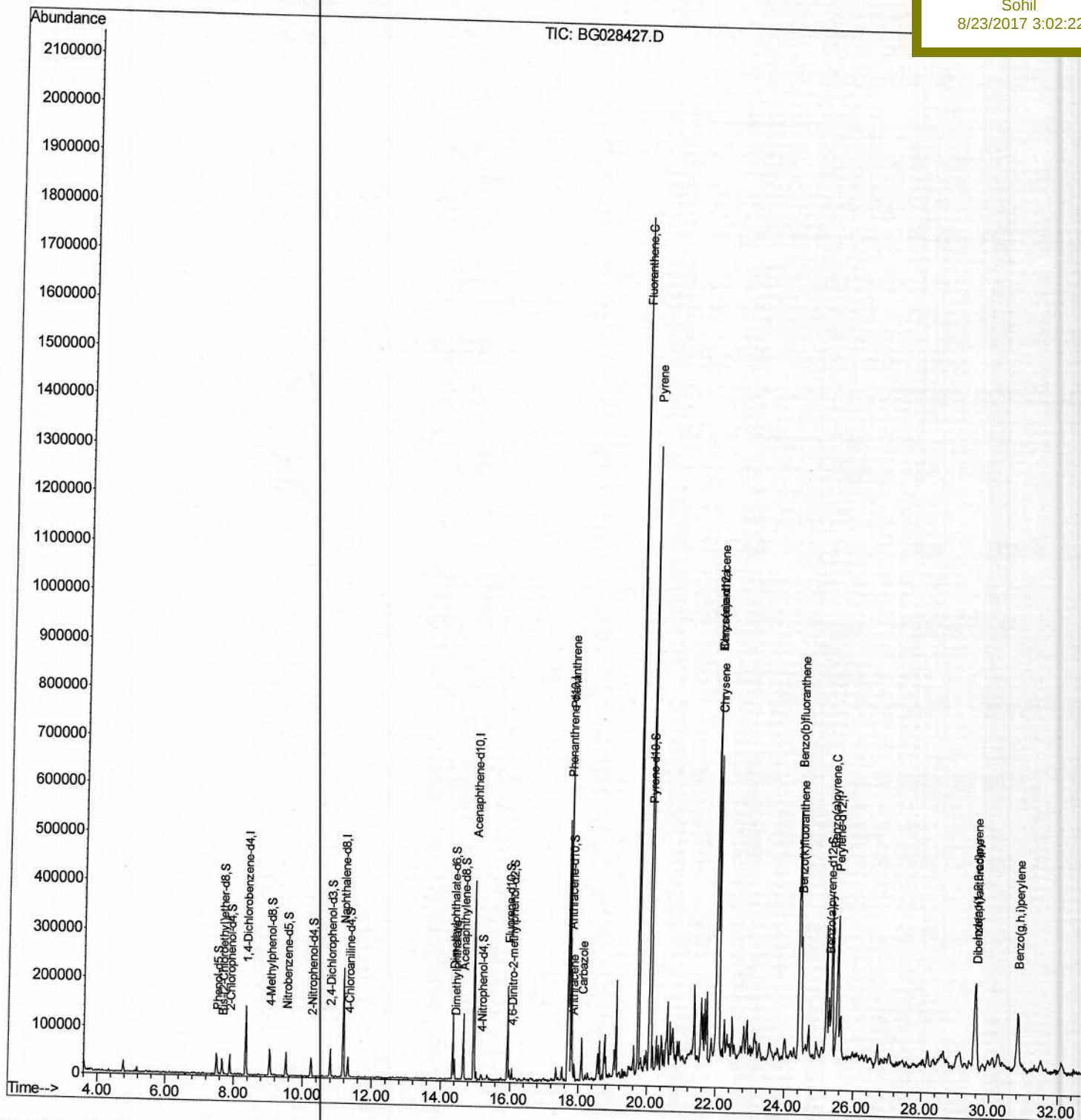
Data Path : Z:\HPCHEM1\BNA G\Data\BG082217\
 Data File : BG028427.D
 Acq On : 22 Aug 2017 21:18
 Operator : SJ/JU
 Sample : I4714-01DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 23 13:50:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 23 07:06:03 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 Client Sampled :
 E7GD3DL

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:02:22 PM



Quantitation Report (Qedit)

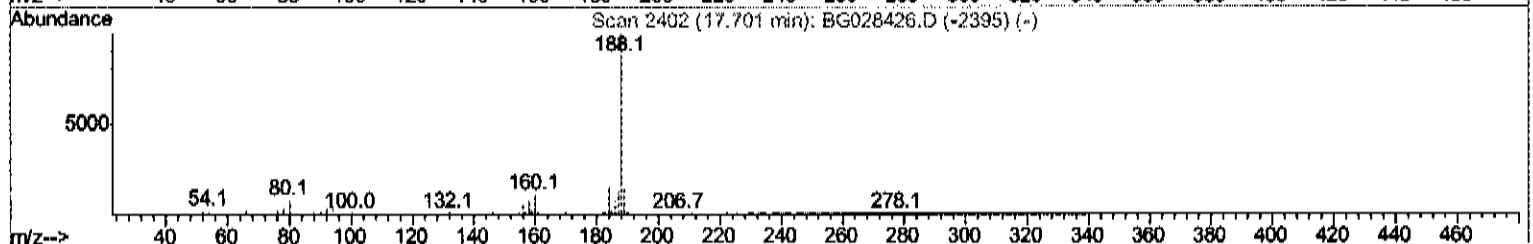
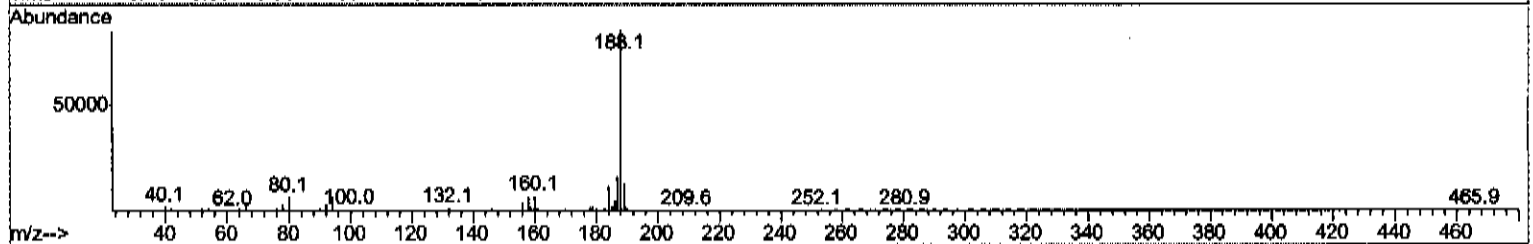
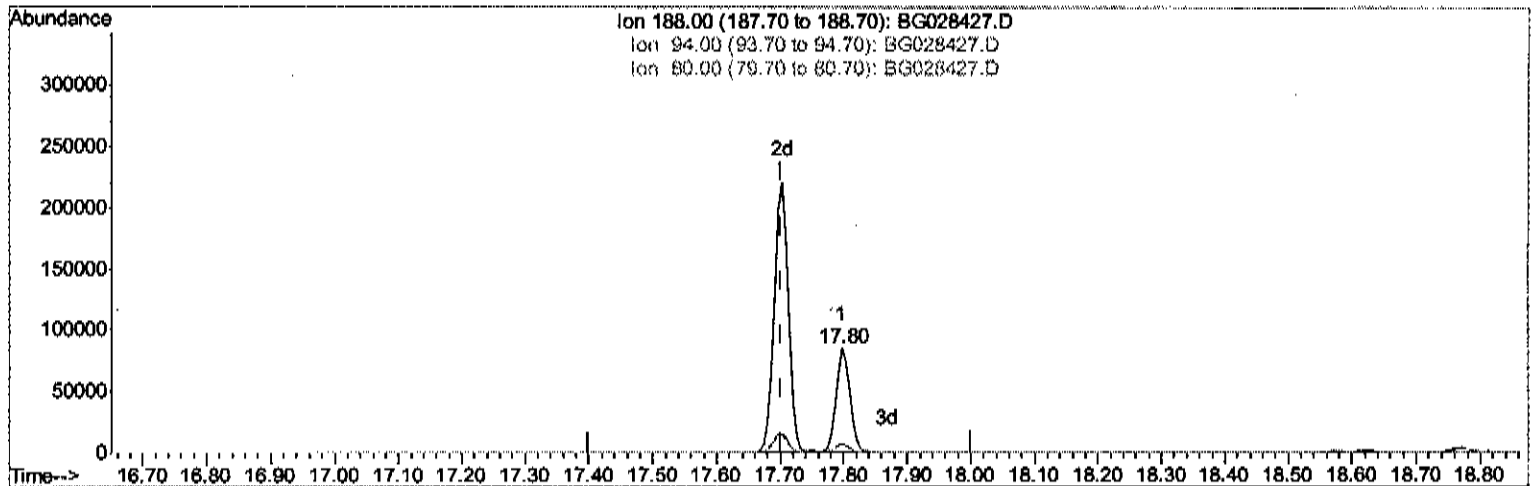
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Quant Time: Aug 23 07:07:20 2017
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Quant Title : SVOA CALIBRATION
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TIC: BG028427.D

(61) Phenanthrene-d10 (I)

17.797min (+0.096) 20.00ng/ul

response 130035

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.04
80.00	9.50	8.36
0.00	0.00	0.00

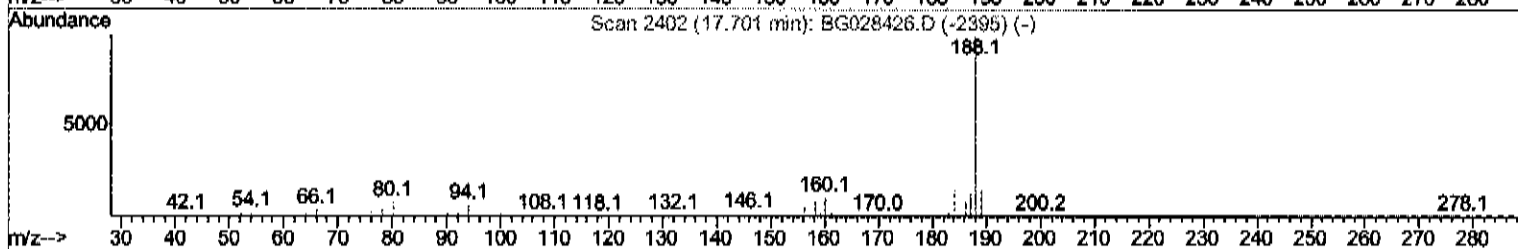
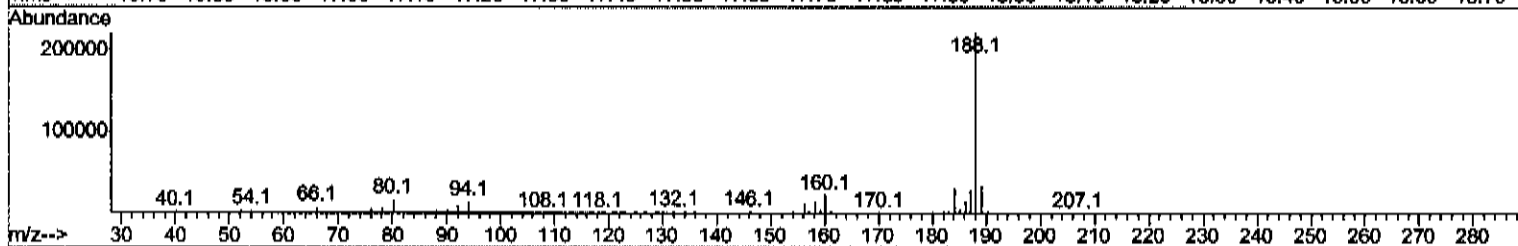
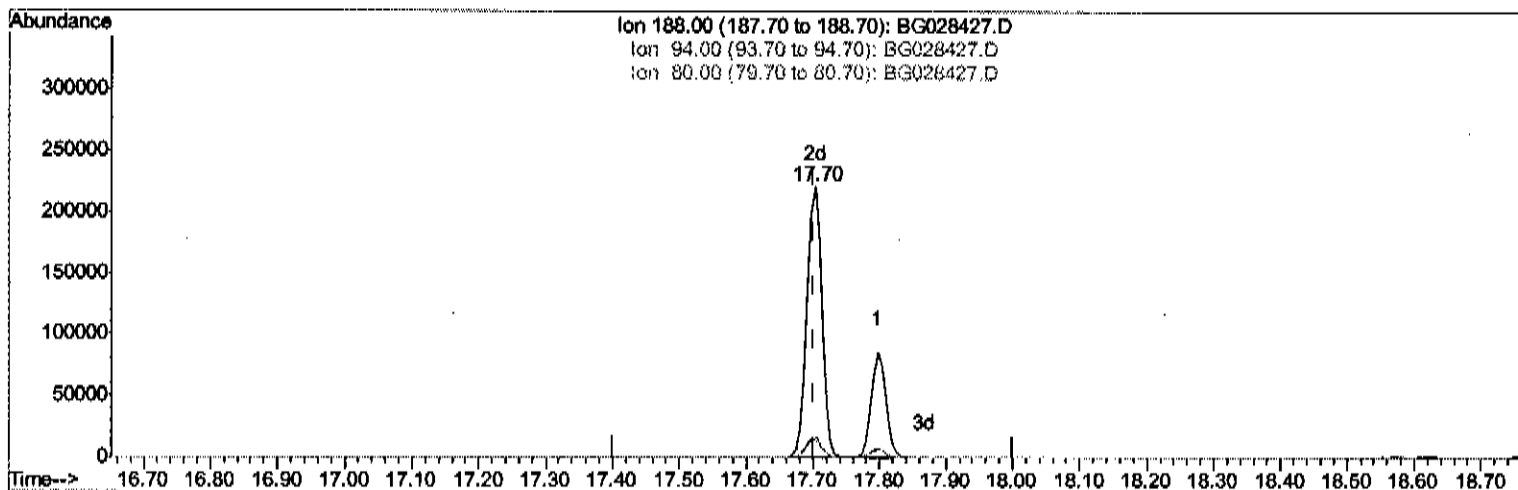
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(61) Phenanthrene-d10 (I)

17.703min (+0.002) 20.00ng/ul m

response 346185

Ion	Exp%	Act%
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188.00	100	100
--------	-----	-----

94.00	8.80	6.38#
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80.00	9.50	7.87
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0.00	0.00	0.00
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Quantitation Report (Qedit)

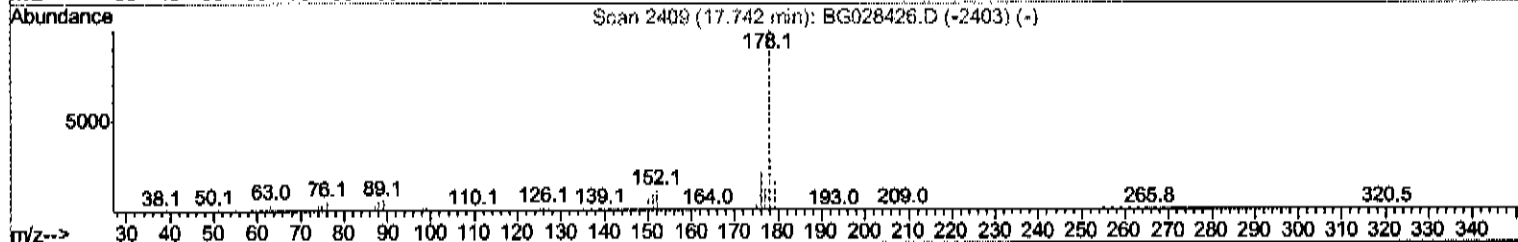
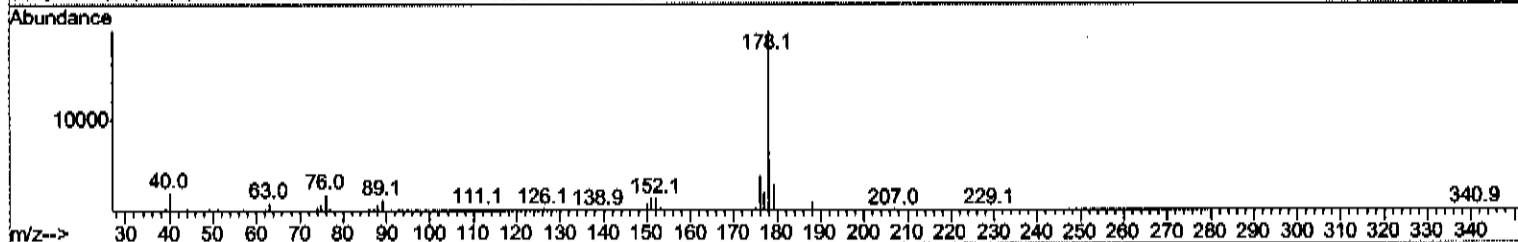
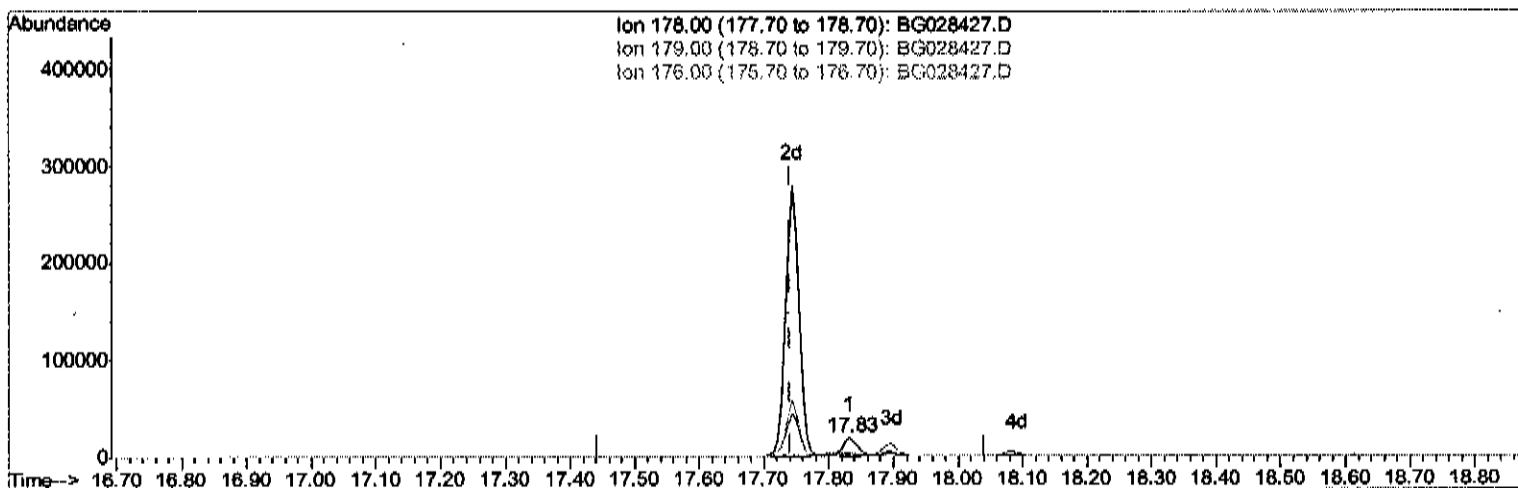
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(69) Phenanthrene

17.832min (+0.090) 1.80ng/ul

response 31412

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	15.20
176.00	20.60	19.98
0.00	0.00	0.00

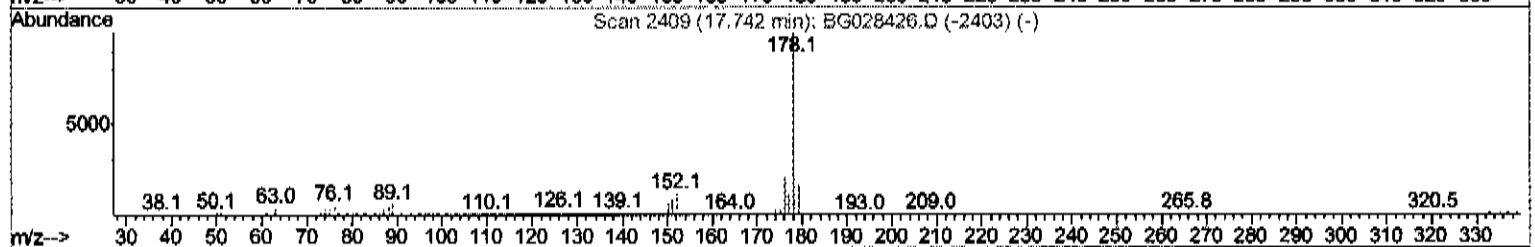
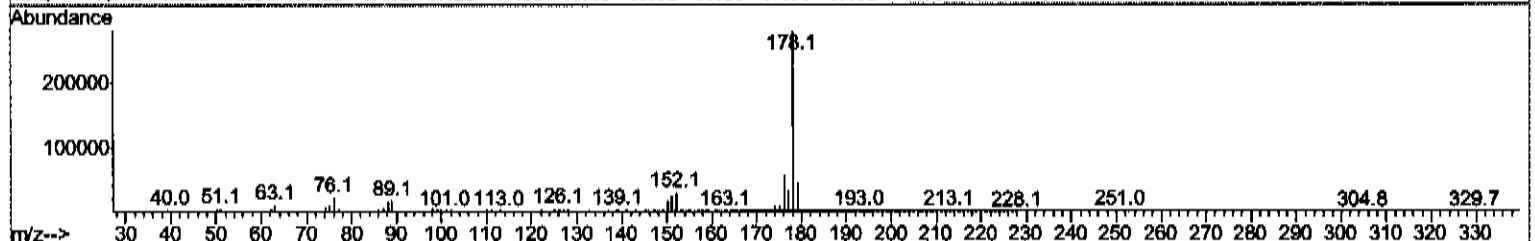
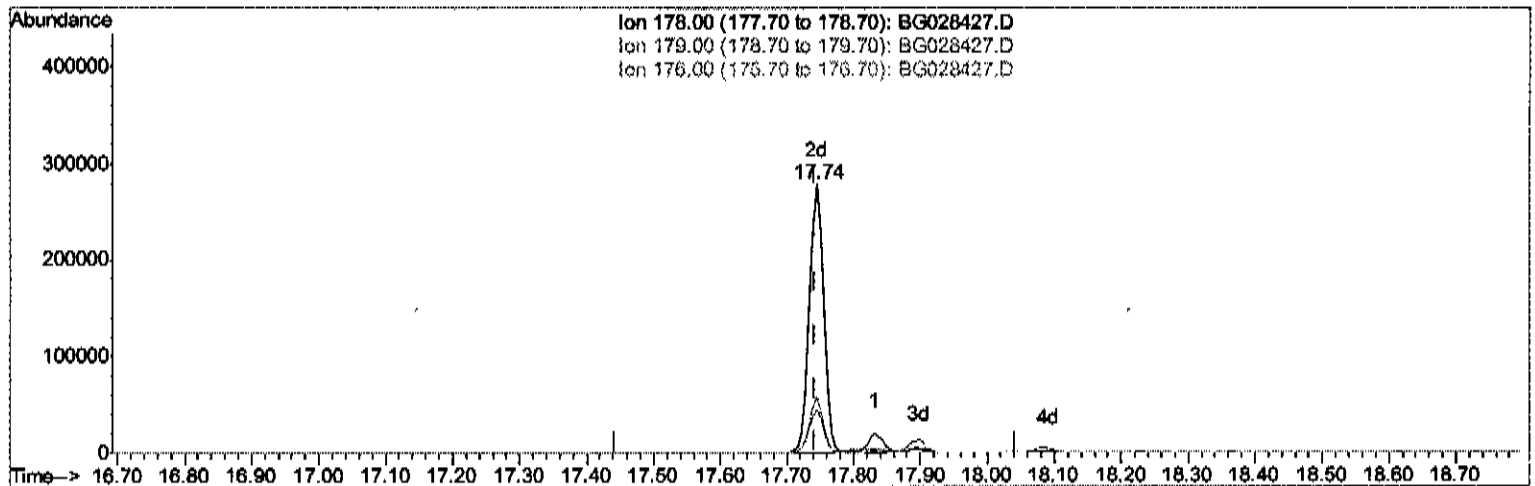
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TIC: BG028427.D

(69) Phenanthrene

17.744min (+0.002) 23.80ng/ul m

response 414605

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	15.95
176.00	20.60	20.56
0.00	0.00	0.00

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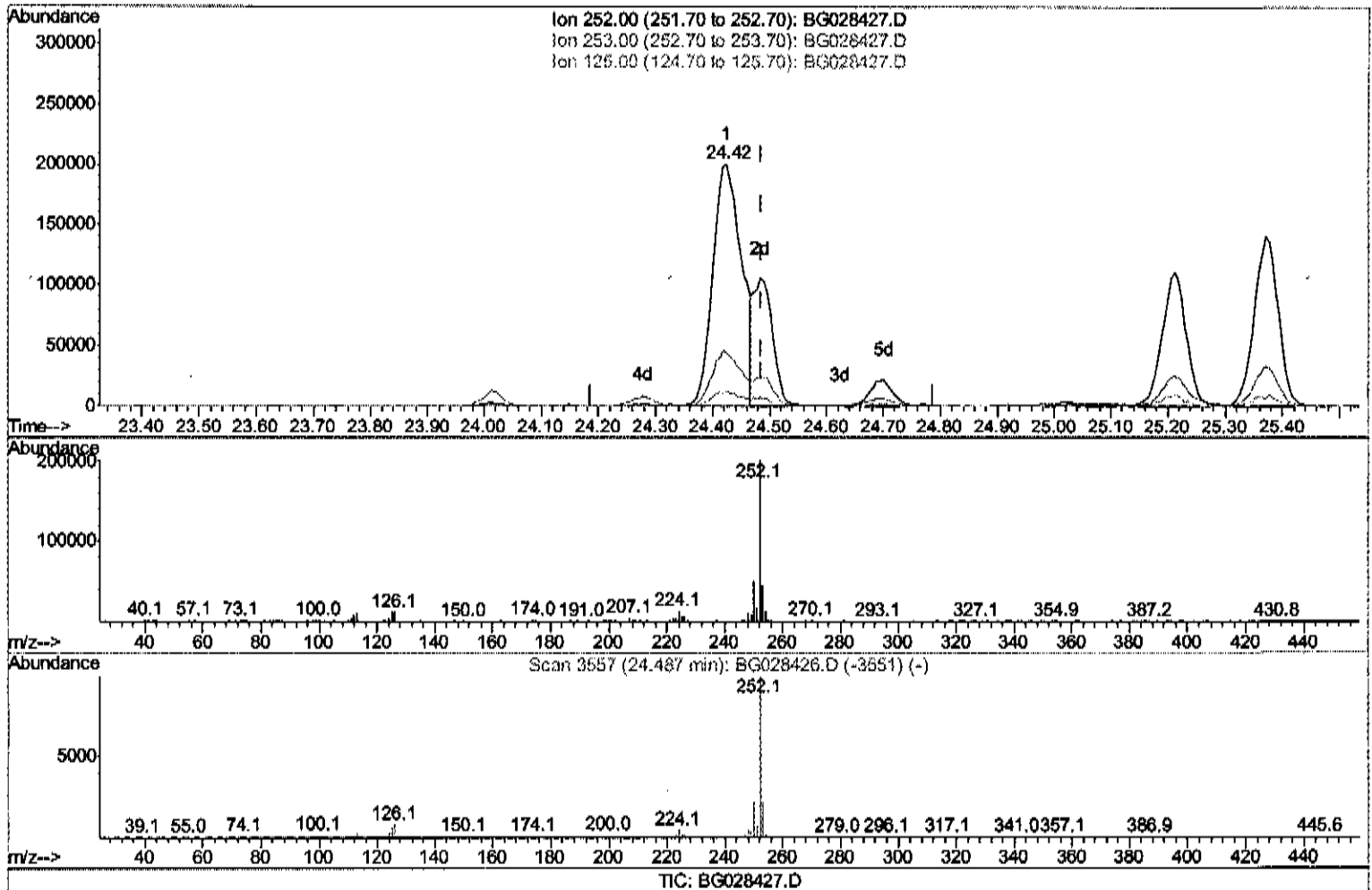
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Instrument :
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(86) Benzo(k)fluoranthene

24.424min (-0.063) 32.07ng/ul

response 688550

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	22.07
125.00	5.10	5.95
0.00	0.00	0.00

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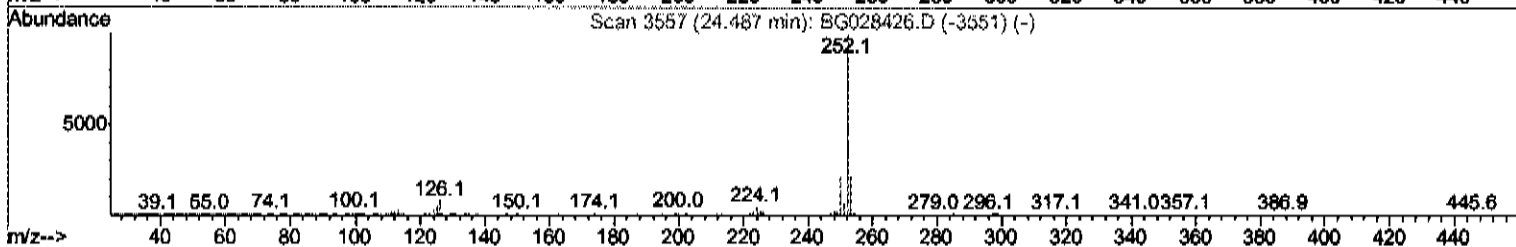
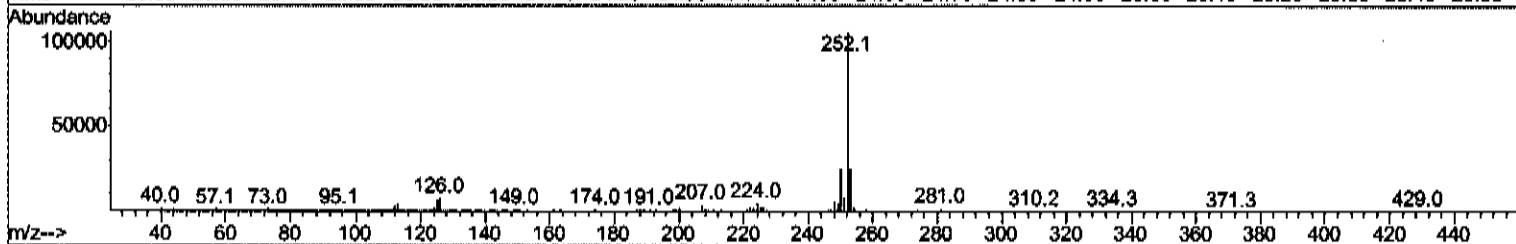
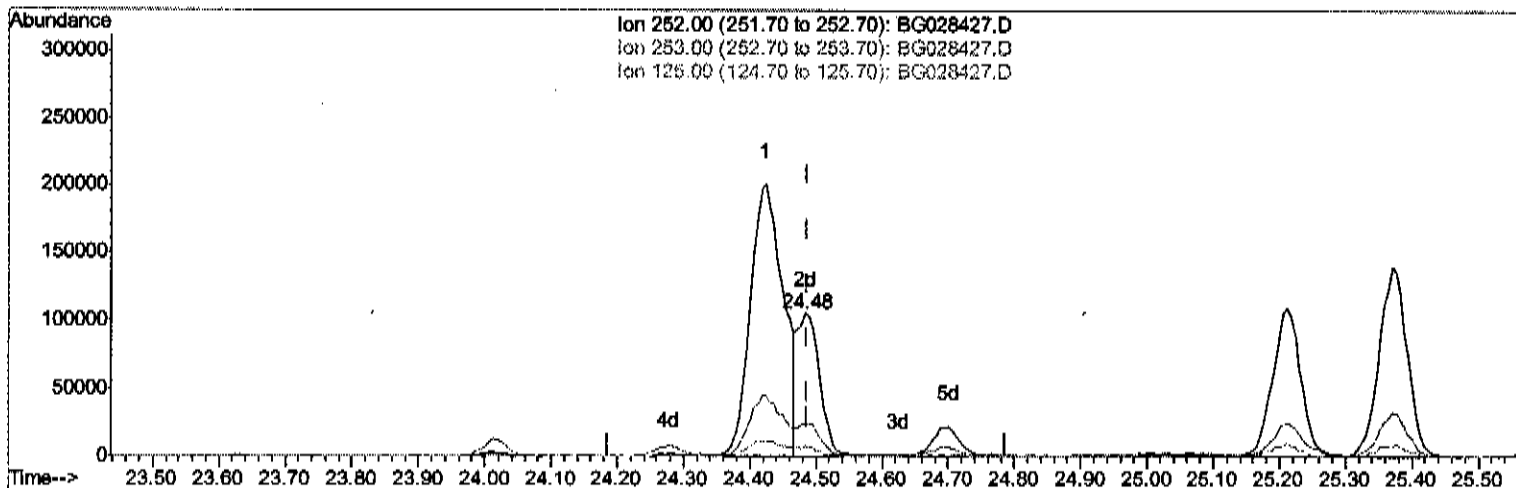
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Data File : BG028427.D
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Operator : SJ/JU
Sample : I4714-01DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BG028427.D

(86) Benzo(k)fluoranthene

24.483min (-0.004) 11.54ng/ul m

response 247725

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.46
125.00	5.10	6.63#
0.00	0.00	0.00

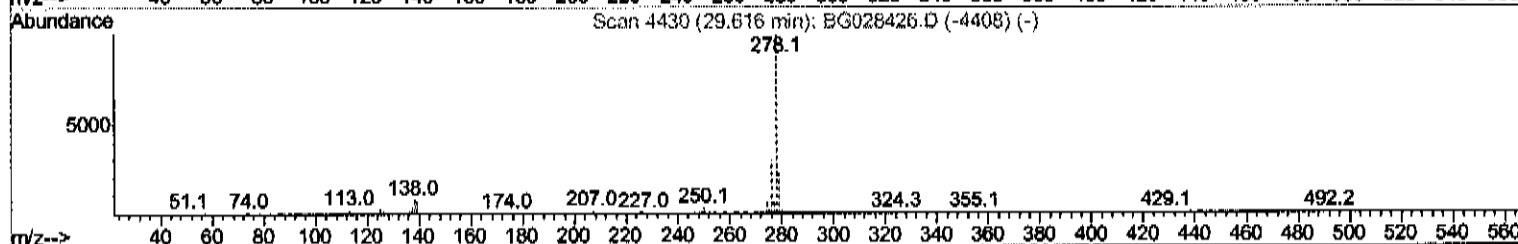
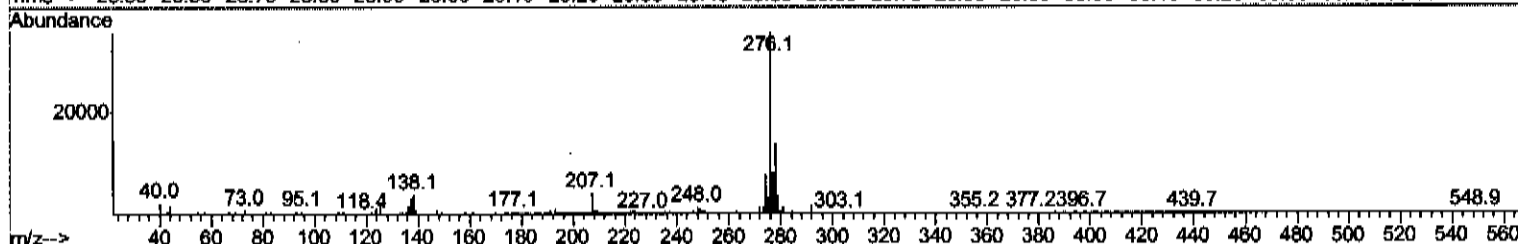
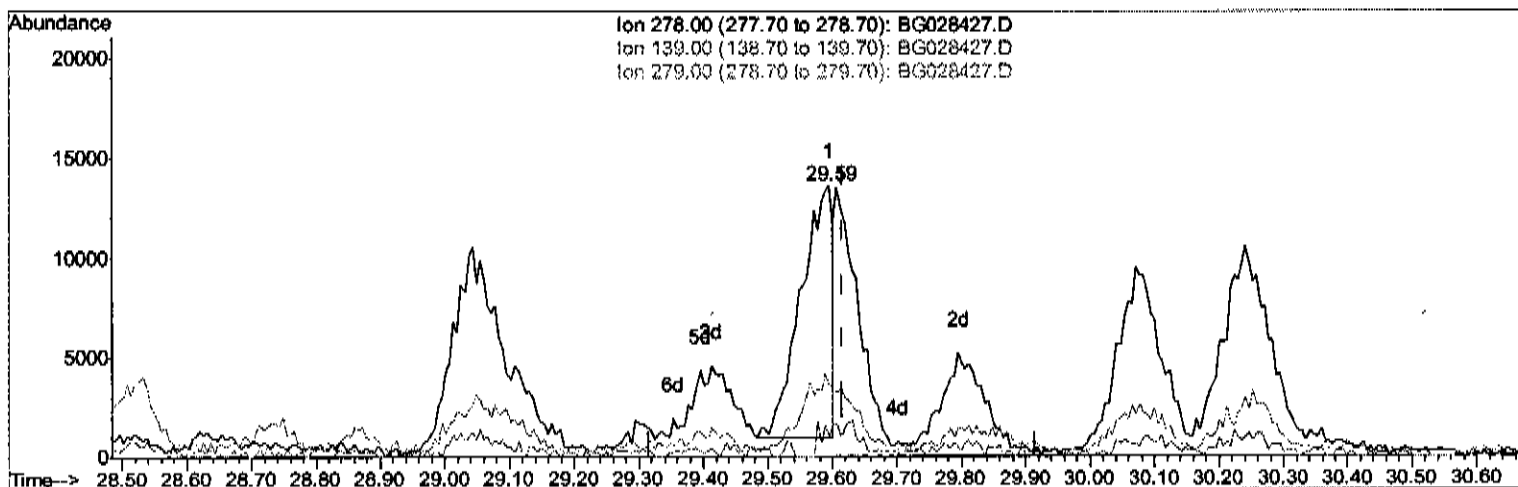
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Sample : I4714-01DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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TIC: BG028427.D

(90) Dibenzo(a,h)anthracene

29.595min (-0.021) 2.07ng/ul

response 43322

ion	Exp%	Act%
278.00	100	100
139.00	8.40	7.48
279.00	26.10	26.83
0.00	0.00	0.00

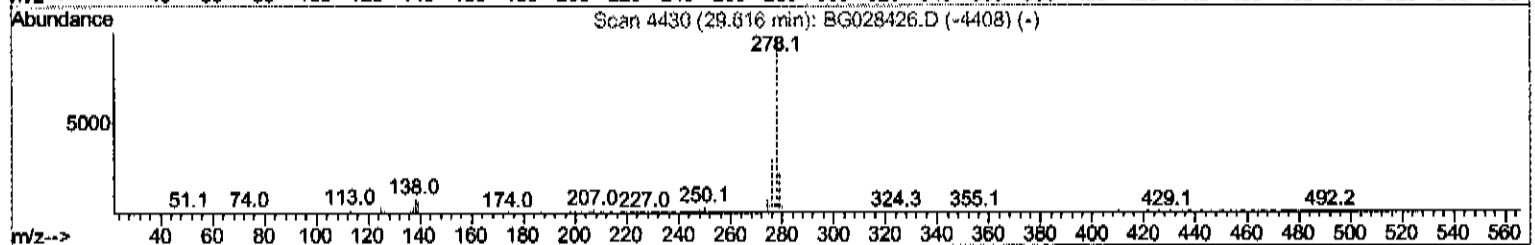
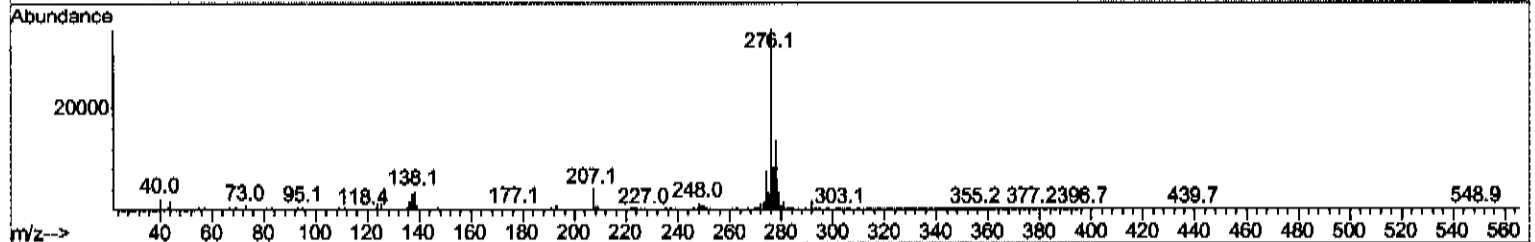
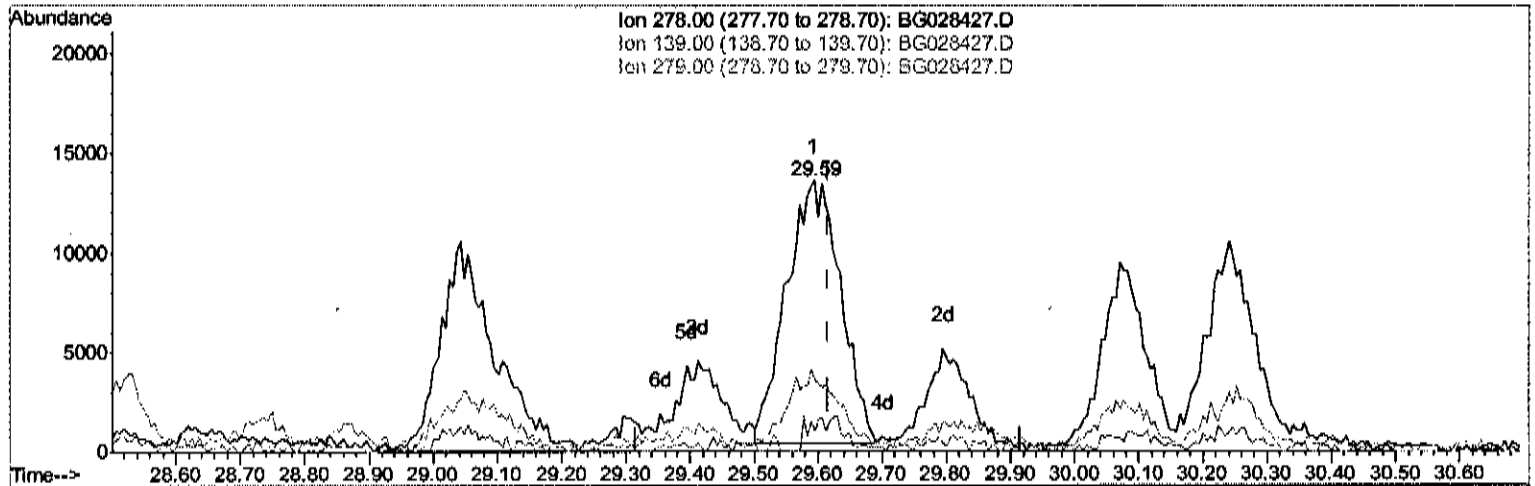
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Operator : SJ/JU
Sample : I4714-01DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GD3DL

Manual Integrations
APPROVED

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TIC: BG028427.D

(90) Dibenzo(a,h)anthracene

29.595min (-0.021) 3.71ng/ul m

response 77602

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	7.48
279.00	26.10	26.83
0.00	0.00	0.00

Quantitation Report (Qedit)

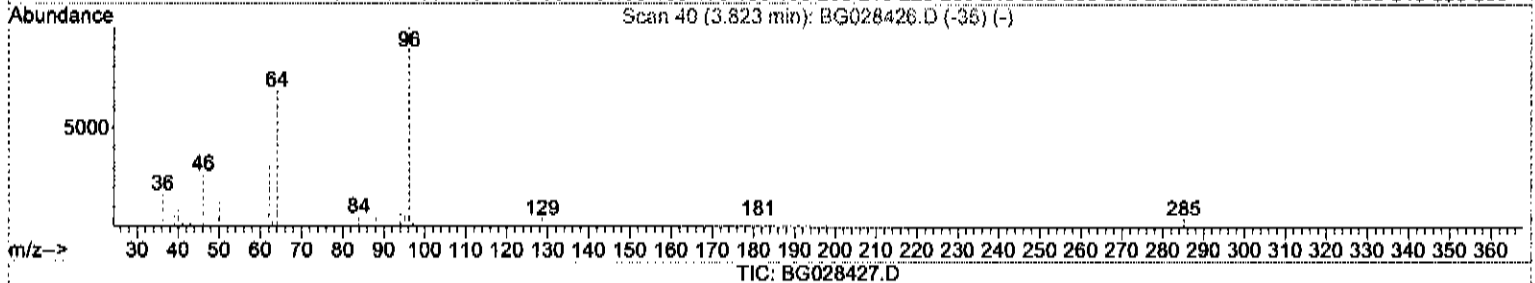
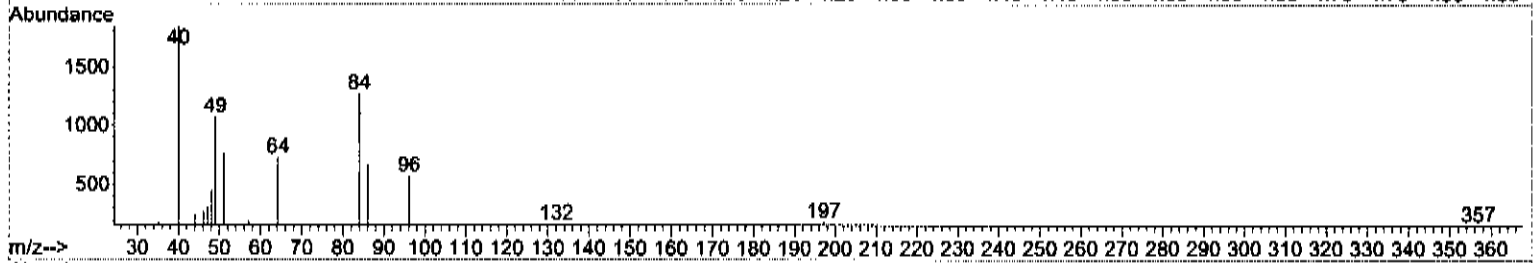
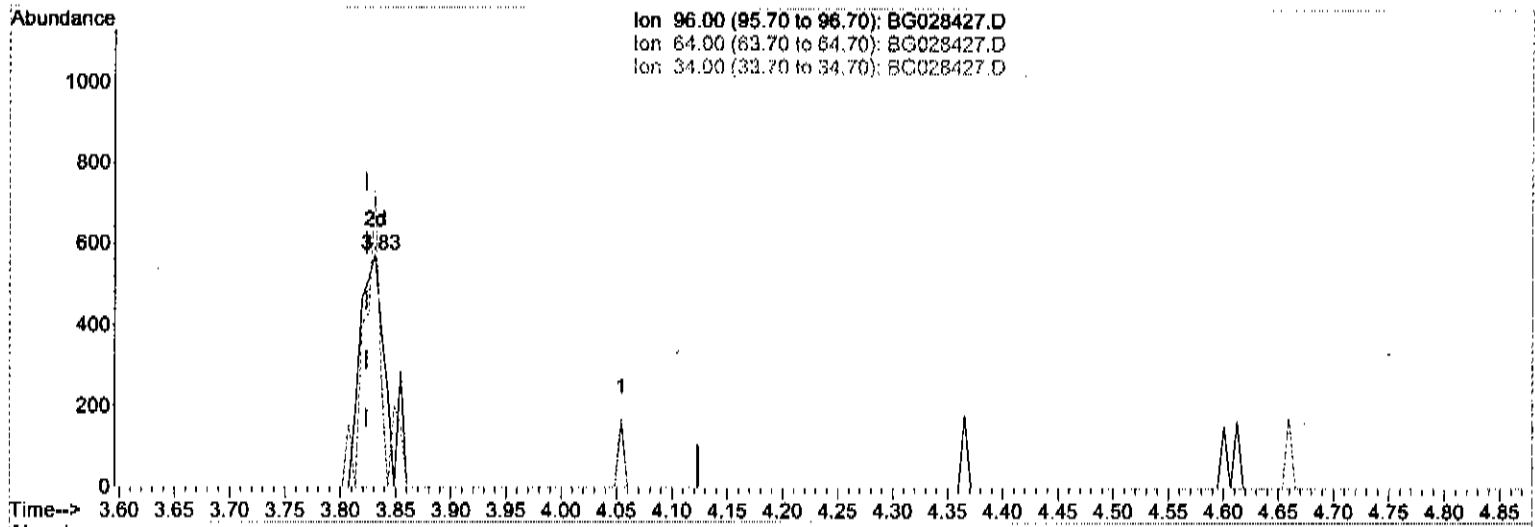
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Instrument :
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ClientSampled :
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Manual Integrations
APPROVED

Sohil
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Quant Time: Aug 23 07:25:03 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
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TIC: BG028427.D

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

3.831min (+0.008) 0.99ng/uL m

response 835

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	126.83#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

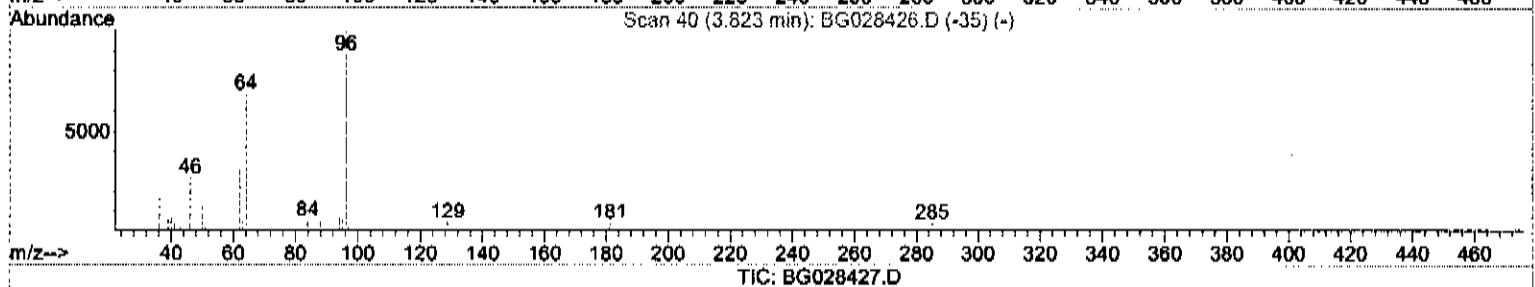
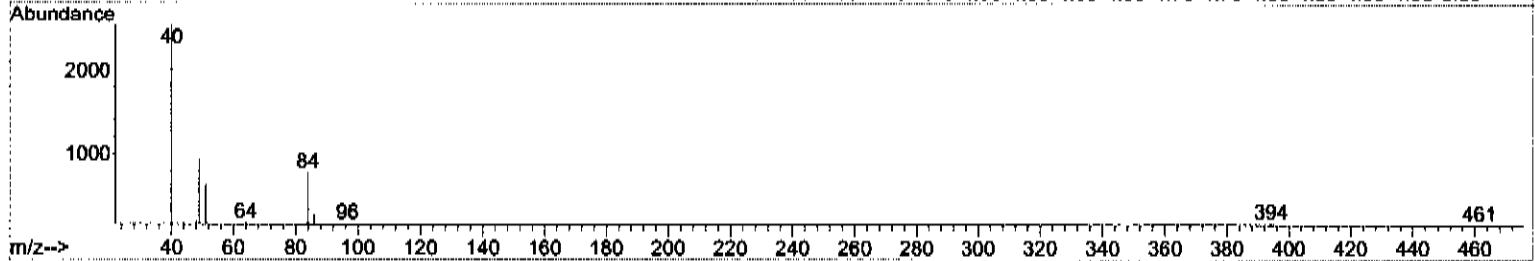
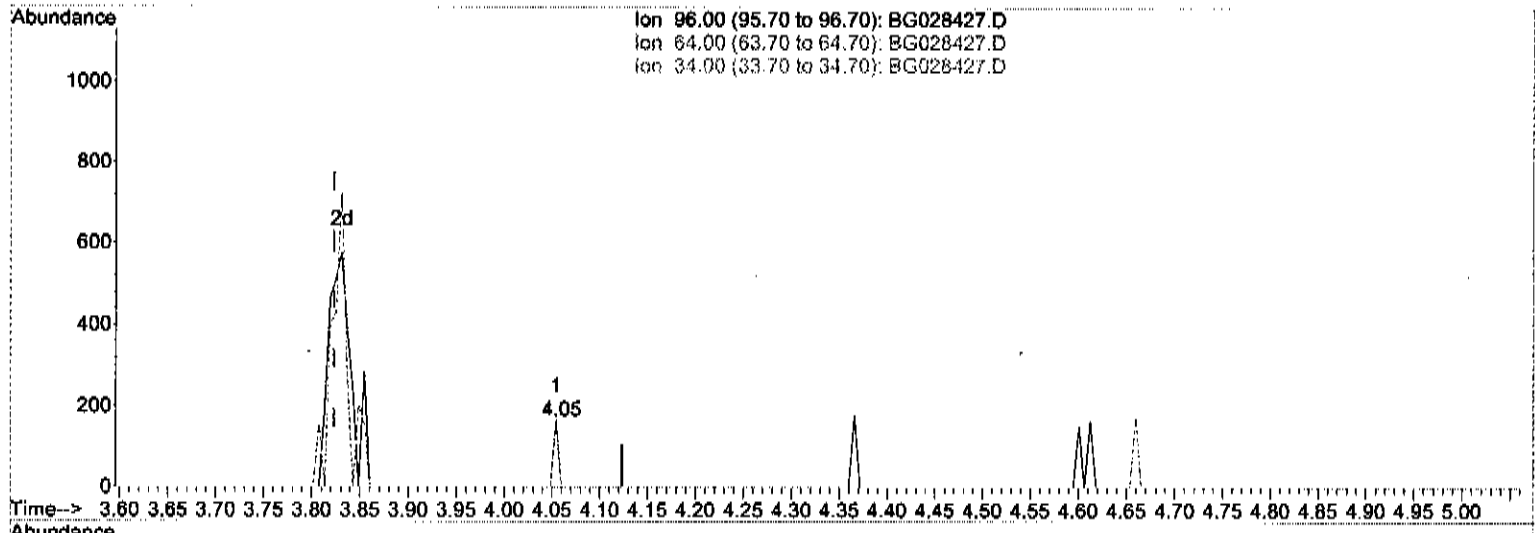
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Manual Integrations
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(3) 1,4-Dioxane-d8 (S)

4.054min (+0.231) 0.07ng/uL

response 58

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	106.10
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG082217\
 Data File : BG082427.D
 Acq On : 22 Aug 2017 21:18
 Operator : SJ/JU
 Sample : I4714-01DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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 Client Sample Id :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	39438	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	187520	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	145542	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	346185m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	380180	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	367322	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	835m	0.99	ng/uL	0.00
5) Phenol-d5	7.50	99	25554	5.90	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.66	67	16417	5.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	20013	7.32	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	22070	6.10	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	10706	7.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	12500	7.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	23863	7.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	24052	6.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	94175	7.27	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	105363	7.22	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	5057	2.46	ng/ul	0.02
57) Fluorene-d10	15.94	176	83089	7.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	5817	2.59	ng/ul	0.00
70) Anthracene-d10	17.80	188	130035	7.83	ng/ul	0.00
76) Pyrene-d10	20.08	212	153499	7.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	137368	7.99	ng/ul	0.00
Target Compounds						
44) Dimethylphthalate	14.38	163	26962	2.262	ng/ul#	97
69) Phenanthrene	17.74	178	414605m	23.798	ng/ul	
71) Anthracene	17.83	178	31412	1.764	ng/ul	99
72) Carbazole	18.10	167	58424	3.773	ng/ul	99
74) Fluoranthene	19.74	202	1142188	53.946	ng/ul	99
77) Pyrene	20.11	202	879225	38.763	ng/ul	98
80) Benzo(a)anthracene	22.02	228	394375	17.953	ng/ul	98
82) Chrysene	22.09	228	514951	26.030	ng/ul	99
85) Benzo(b)fluoranthene	24.42	252	688550	31.325	ng/ul	99
86) Benzo(k)fluoranthene	24.48	252	247725m	11.538	ng/ul	
88) Benzo(a)pyrene	25.37	252	408929	19.214	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.56	276	346153	13.889	ng/ul	96
90) Dibenzo(a,h)anthracene	29.59	278	77602m	3.715	ng/ul	
91) Benzo(a,h,i)perylene	30.81	276	283484	13.826	ng/ul	97

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