

(LSC Reviewed)

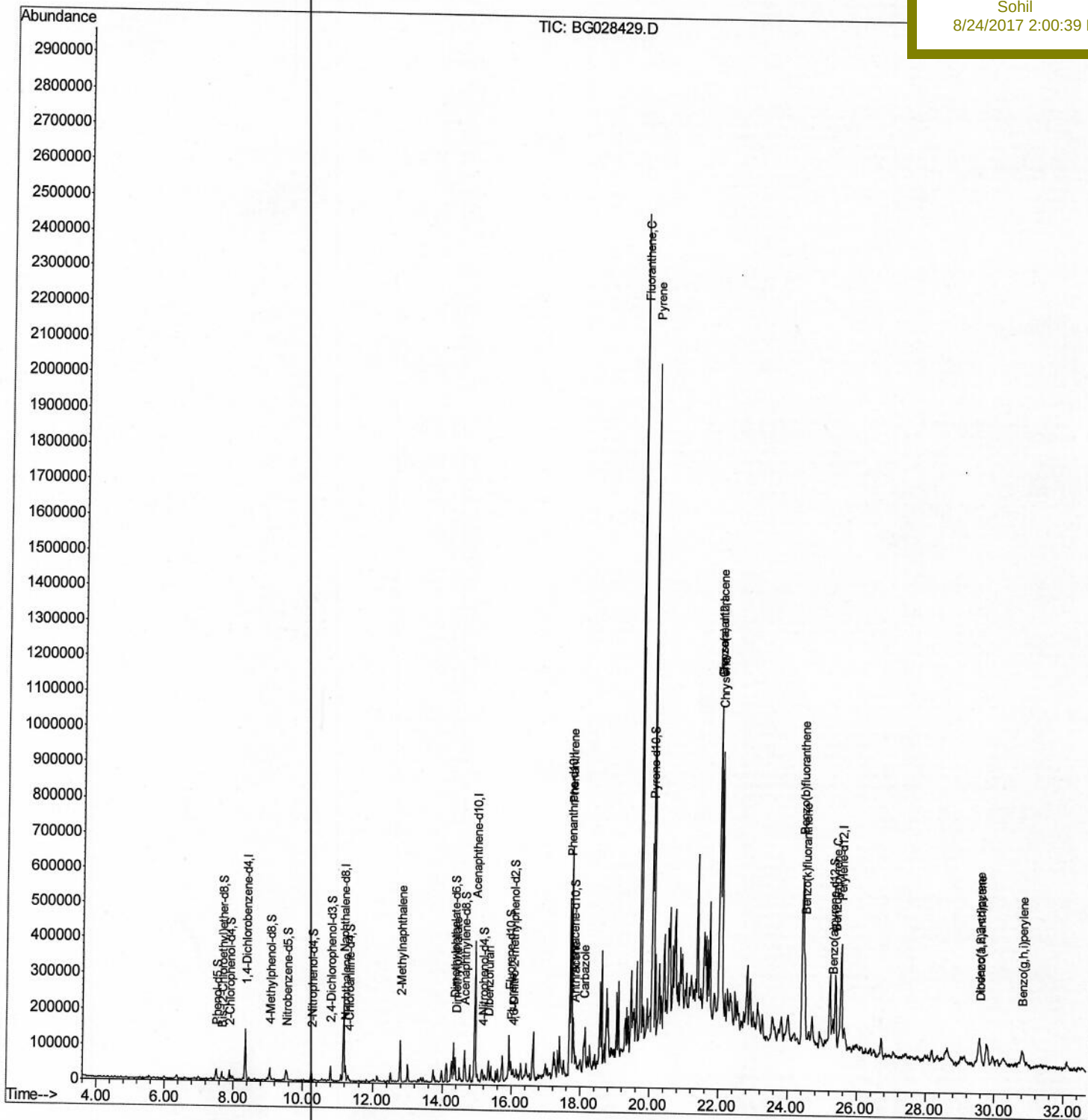
```
Data Path : U:\HPCHEM1\BNA G\Data\BG082217\  
Data File : BG028429.D  
Acq On : 22 Aug 2017 22:37  
Operator : SJ/JU  
Sample : I4713-08 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1
```

Quant Time: Aug 23 13:58:31 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
ClientSampleId :
E7GB8

Manual Integrations

Sohil
8/24/2017 2:00:39 PM



Quantitation Report (Qedit)

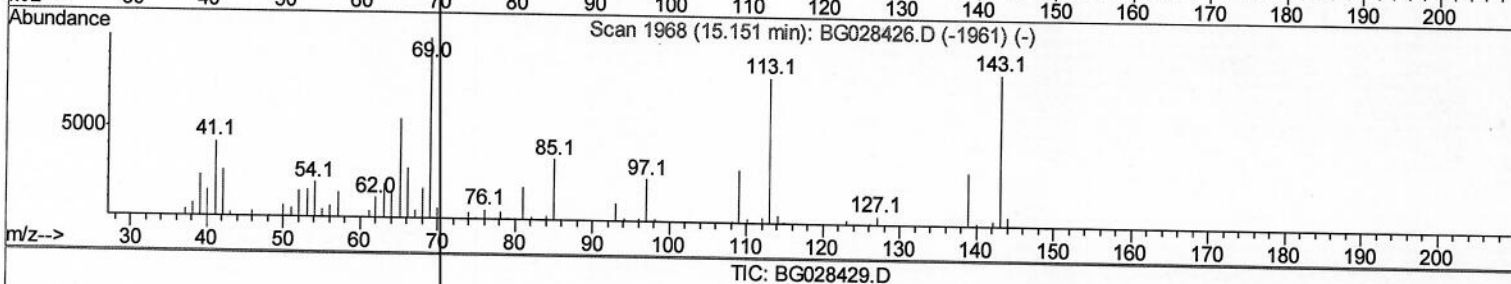
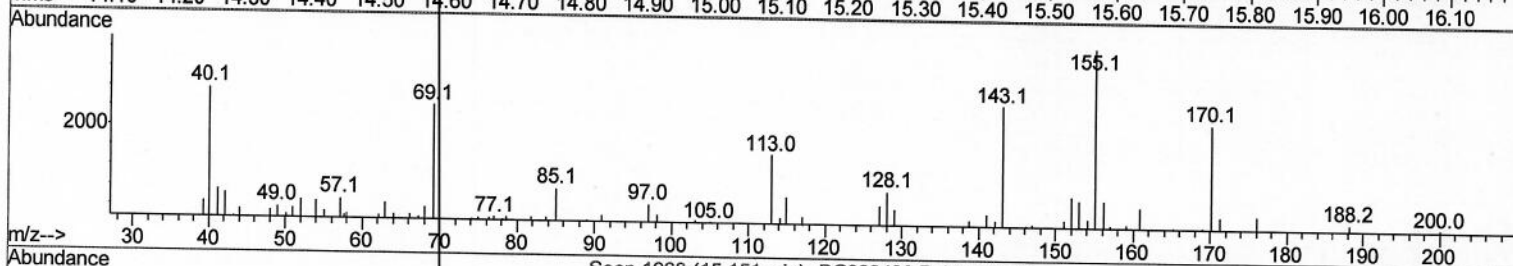
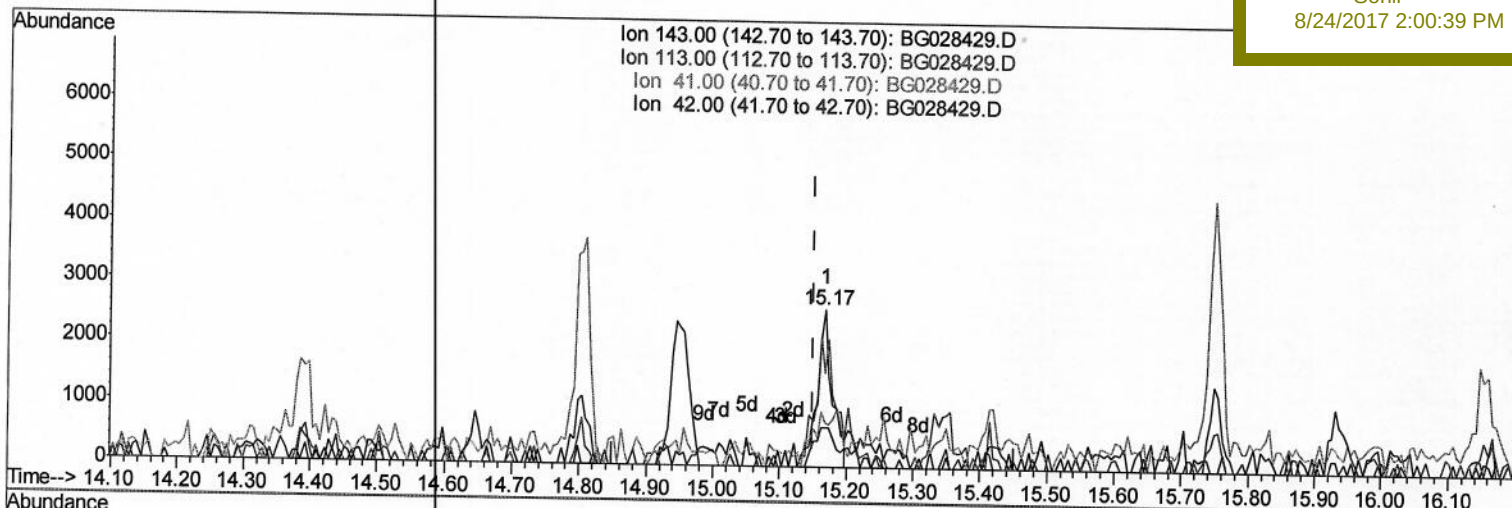
Data Path : U:\HPCHEM1\BNA G\Data\BG082217\
 Data File : BG028429.D
 Acq On : 22 Aug 2017 22:37
 Operator : SJ/JU
 Sample : I4713-08 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 23 15:27:52 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
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Manual Integrations
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(51) 4-Nitrophenol-d4 (S)
 15.168min (+0.017) 2.11ng/ul
 response 4194

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	59.64#
41.00	58.00	28.39#
42.00	42.20	25.18#

Quantitation Report (Qedit)

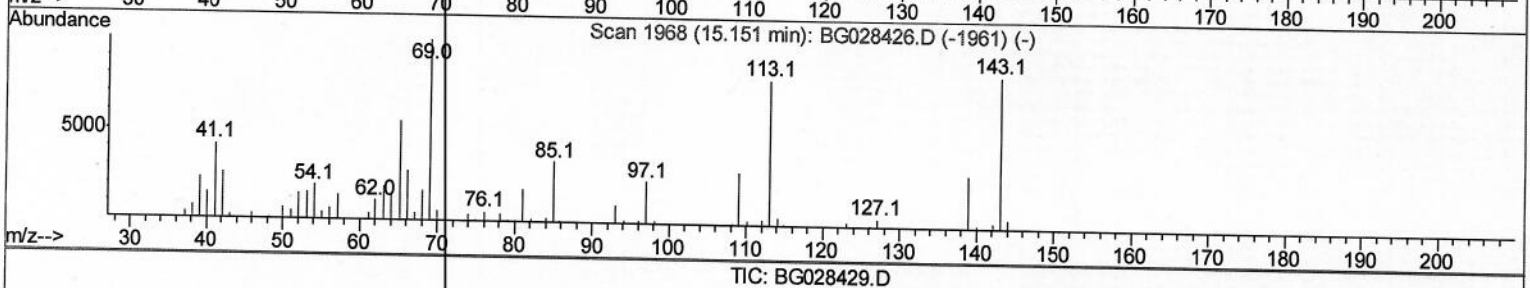
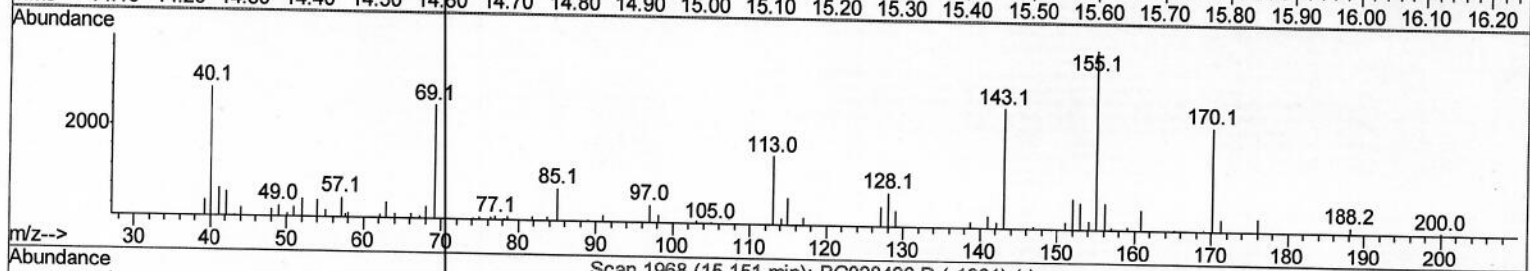
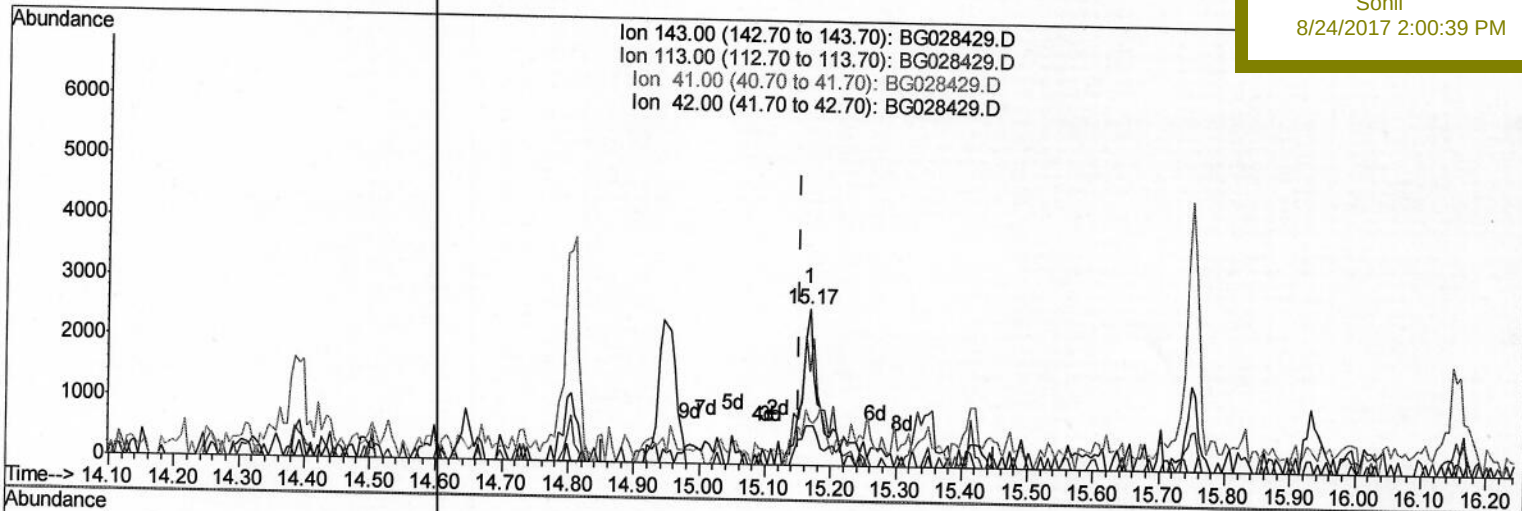
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Manual Integrations
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TIC: BG028429.D

(51) 4-Nitrophenol-d4 (S)
 15.168min (+0.017) 2.70ng/ul m
 response 5366
 Ion Exp% Act%
 143.00 100 100
 113.00 117.30 59.64#
 41.00 58.00 28.39#
 42.00 42.20 25.18#

SJ 08/23/17

Quantitation Report (Qedit)

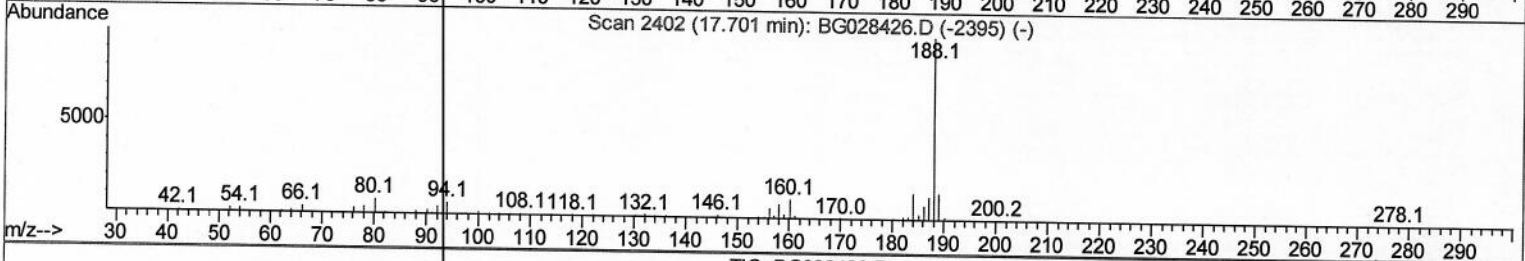
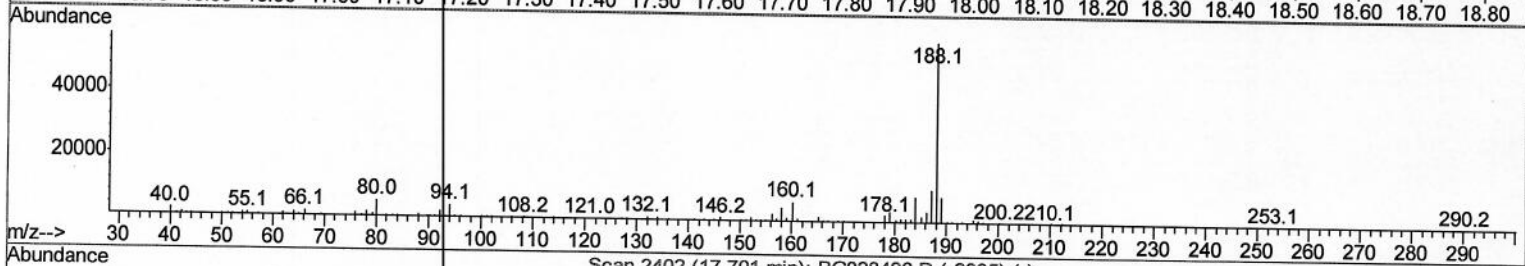
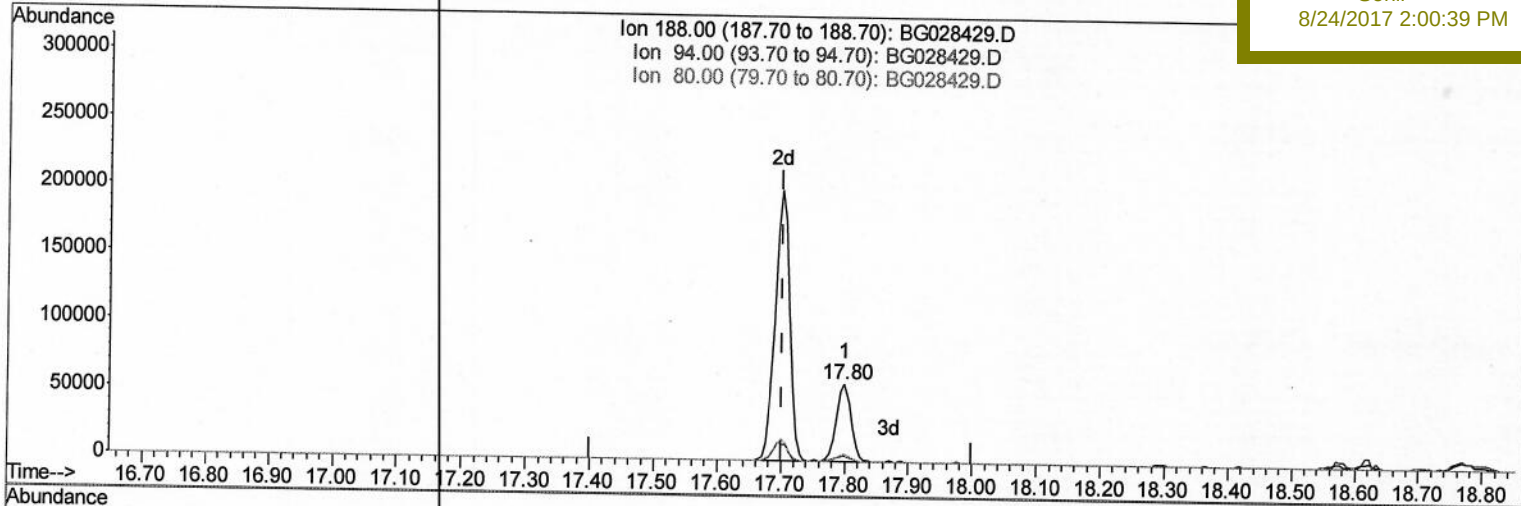
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Instrument :
 BNA_G
 Client Sampled :
 E7GB8

Manual Integrations
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TIC: BG028429.D

(61) Phenanthrene-d10 (I)
 17.800min (+0.099) 20.00ng/ul
 response 87589

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.20
80.00	9.50	9.27
0.00	0.00	0.00

Quantitation Report (Qedit)

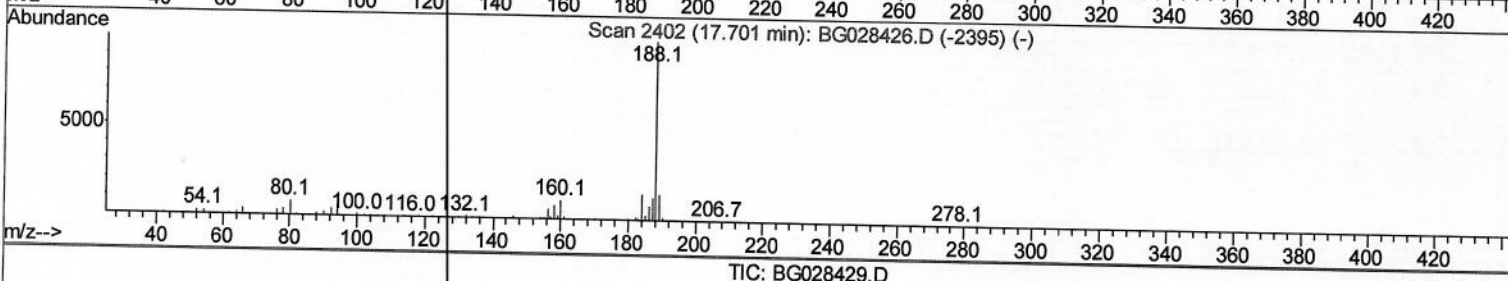
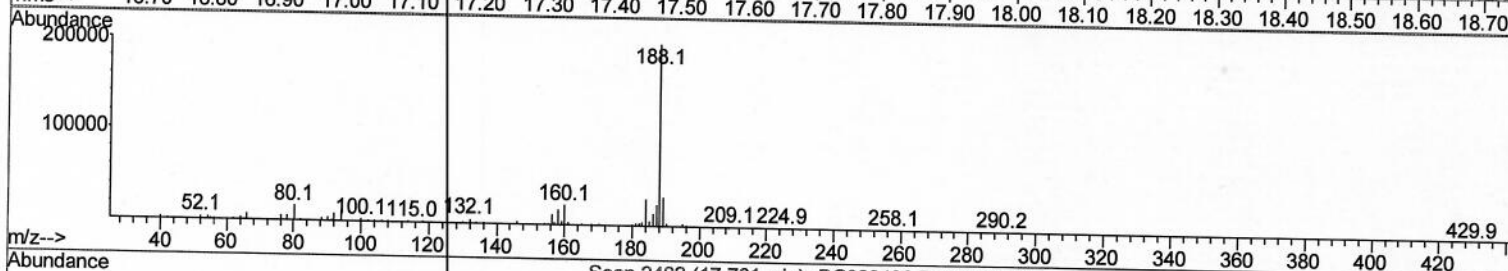
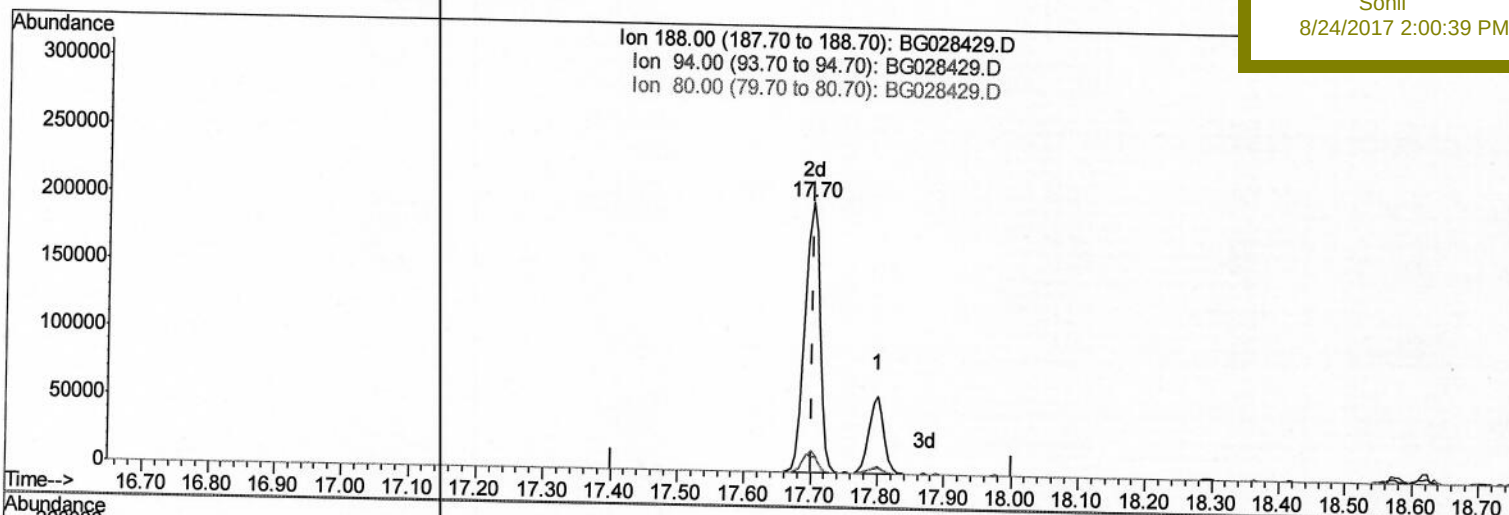
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 ALS Vial : 18 Sample Multiplier: 1

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Manual Integrations
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TIC: BG028429.D

(61) Phenanthrene-d10 (I)

17.700min (-0.001) 20.00ng/ul m

response 316030

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.06#
80.00	9.50	8.17
0.00	0.00	0.00

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Quantitation Report (Qedit)

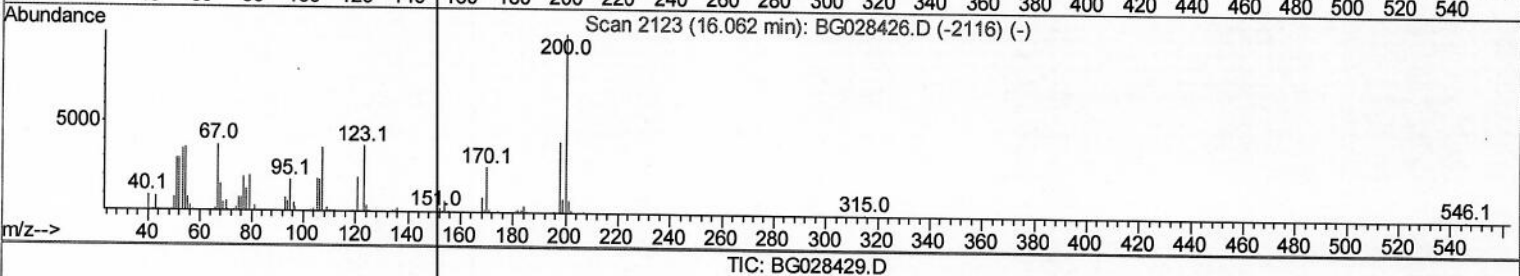
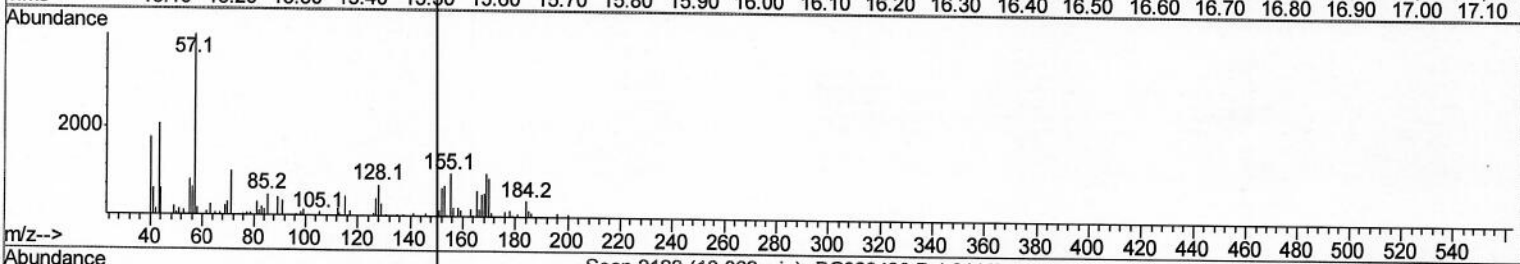
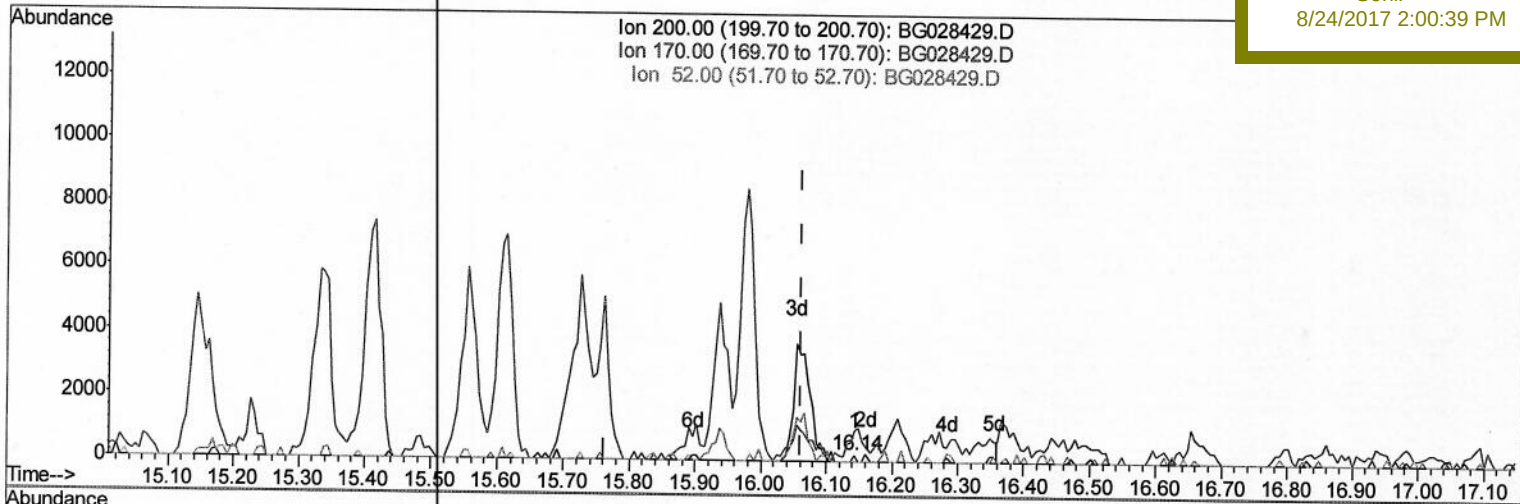
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Operator : SJ/JU
Sample : I4713-08 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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BNA_G
ClientSampleId :
E7GB8

Manual Integrations
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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.143min (+0.081) 0.13ng/ul

response 74

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	456.46#
52.00	47.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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 Data File : BG028429.D
 Acq On : 22 Aug 2017 22:37
 Operator : SJ/JU
 Sample : I4713-08 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 23 13:58:31 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

ClientSampleId :

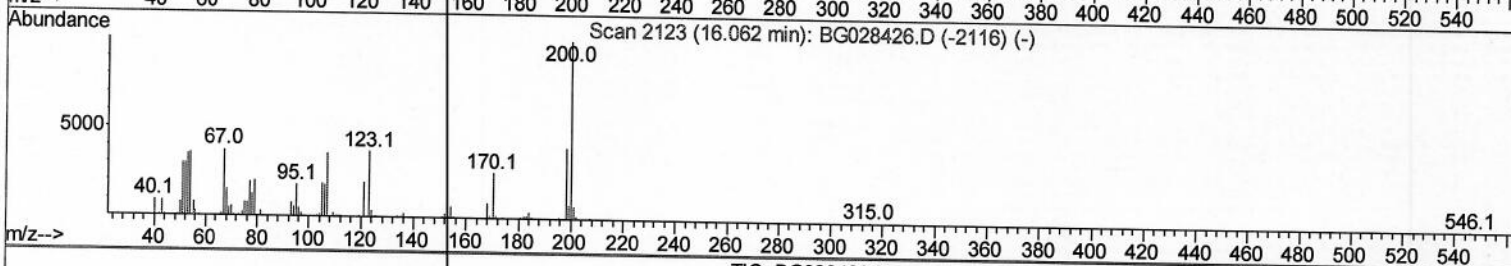
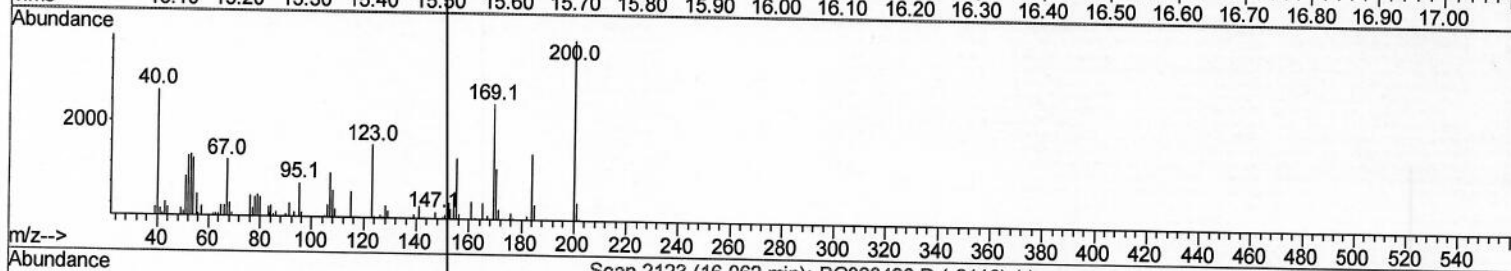
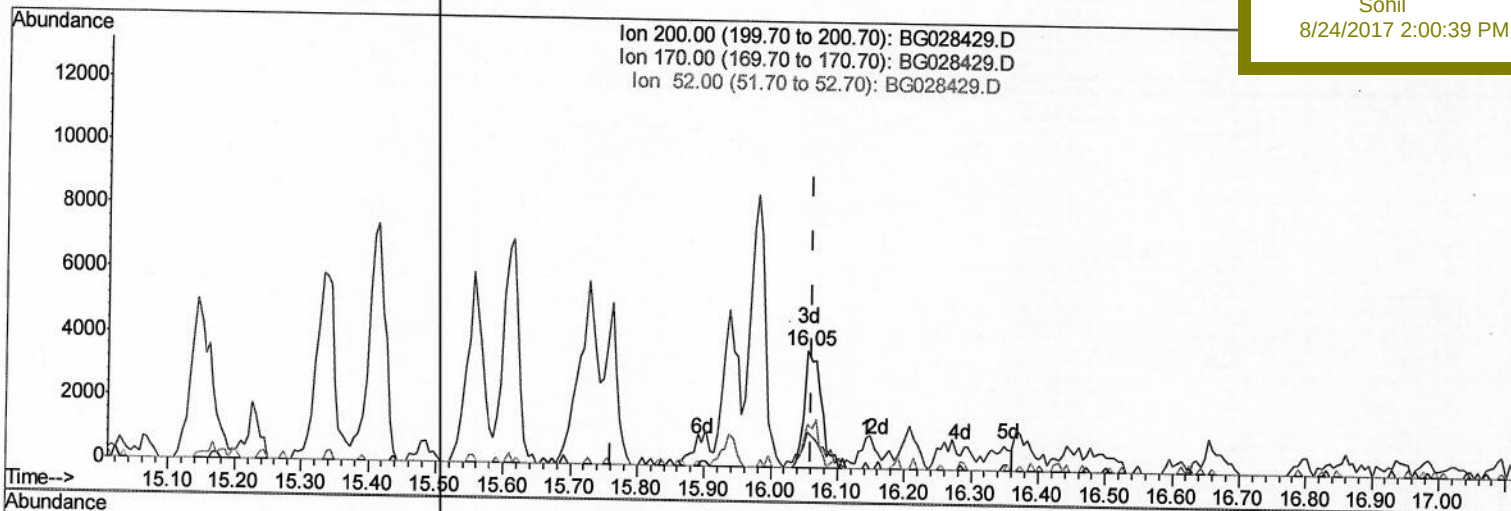
E7GB8

Manual Integrations

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TIC: BG028429.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.055min (-0.007) 3.13ng/ul m

response 6431

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	30.90#
52.00	47.20	36.40#
0.00	0.00	0.00

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Quantitation Report (Qedit)

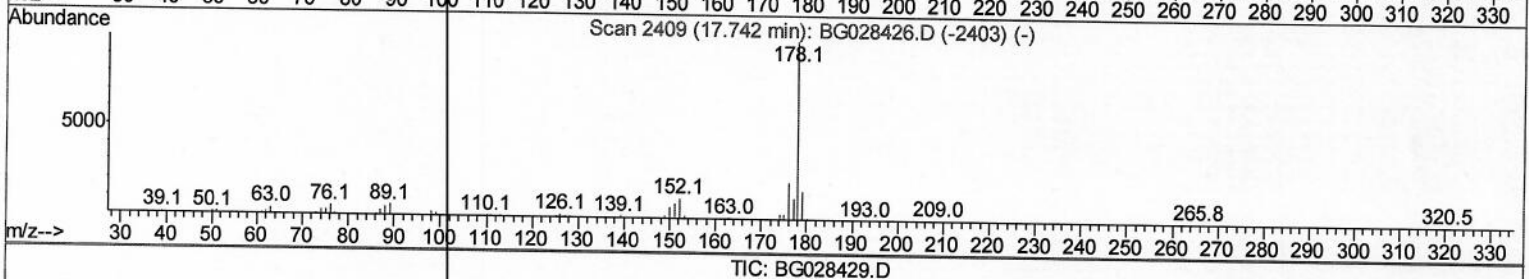
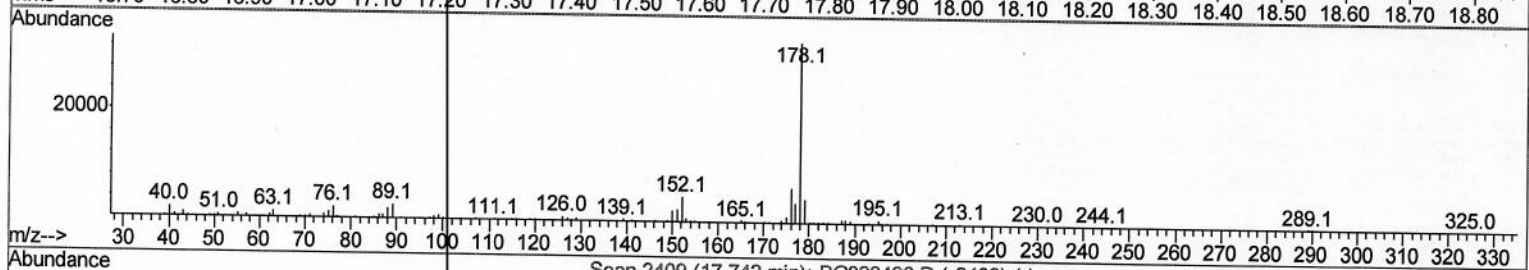
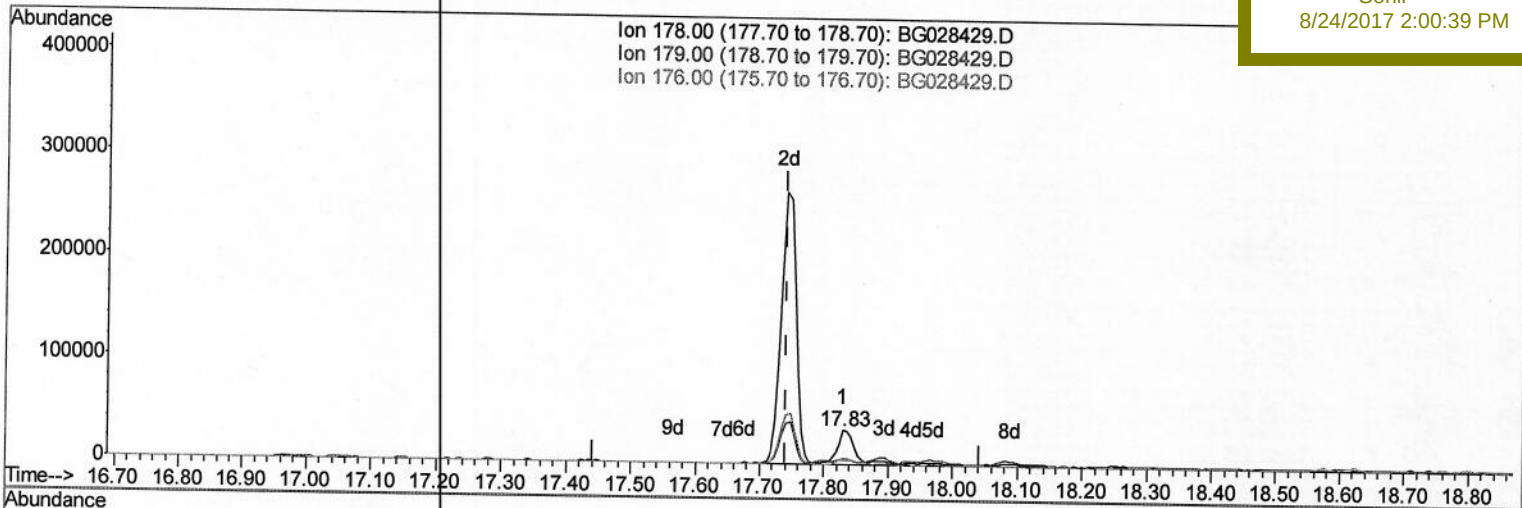
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Instrument :
 BNA_G
 ClientSampleId :
 E7GB8

Manual Integrations
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TIC: BG028429.D

(69) Phenanthrene
 17.829min (+0.087) 13.02ng/ul
 response 57374

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	13.21
176.00	20.60	19.47
0.00	0.00	0.00

Quantitation Report (Qedit)

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 Sample : I4713-08 5X
 Misc :
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Instrument :

BNA_G

ClientSampleID :

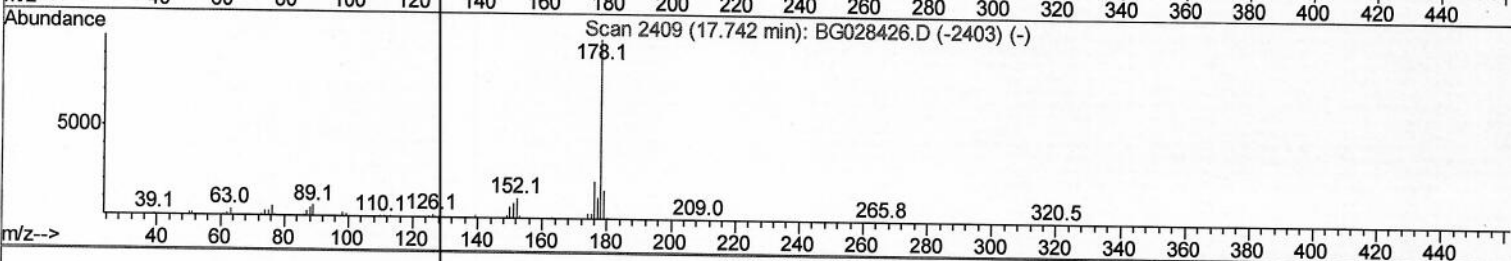
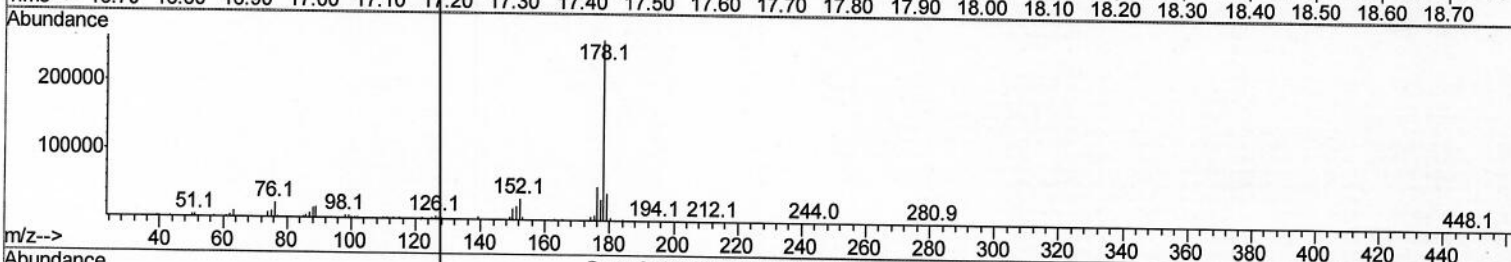
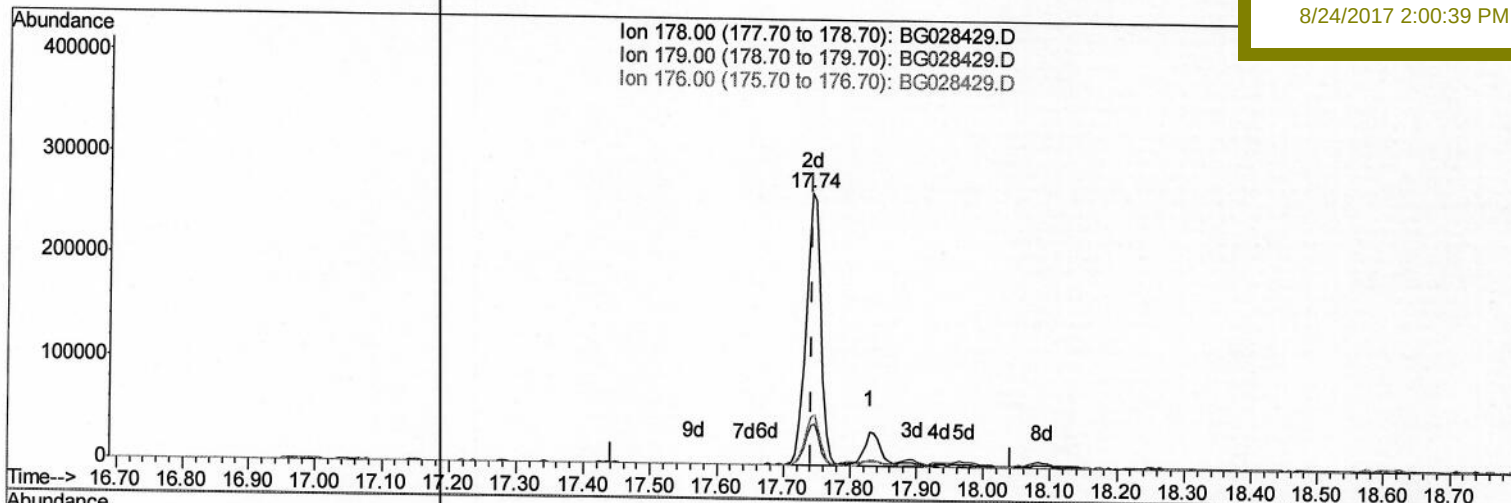
E7GB8

Manual Integrations

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Sohil

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TIC: BG028429.D

(69) Phenanthrene

17.741min (-0.001) 26.25ng/ul m

response 417465

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	14.90
176.00	20.60	18.28
0.00	0.00	0.00

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Quantitation Report (Qedit)

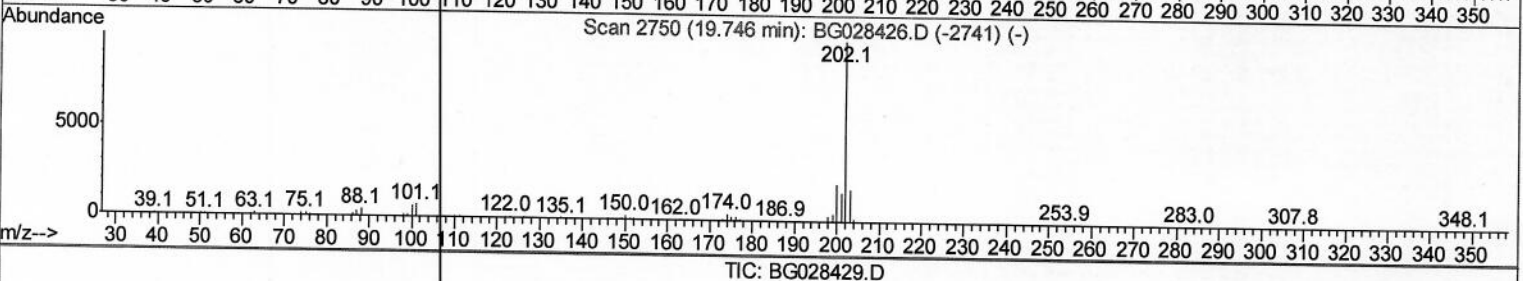
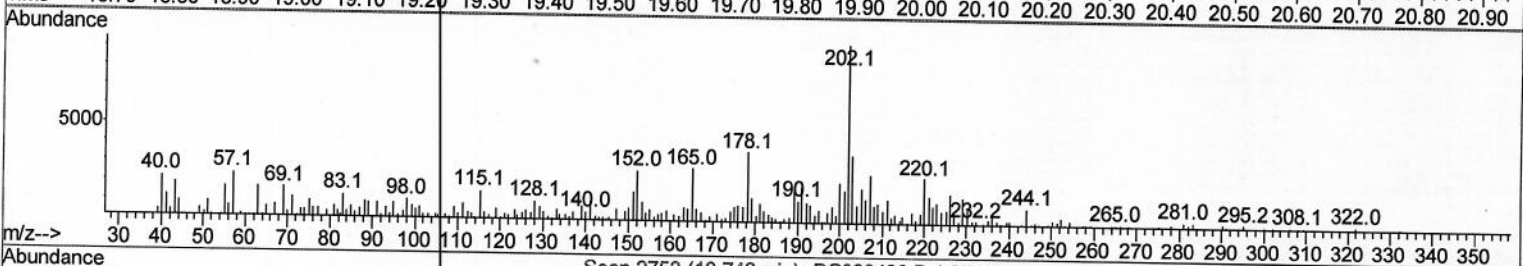
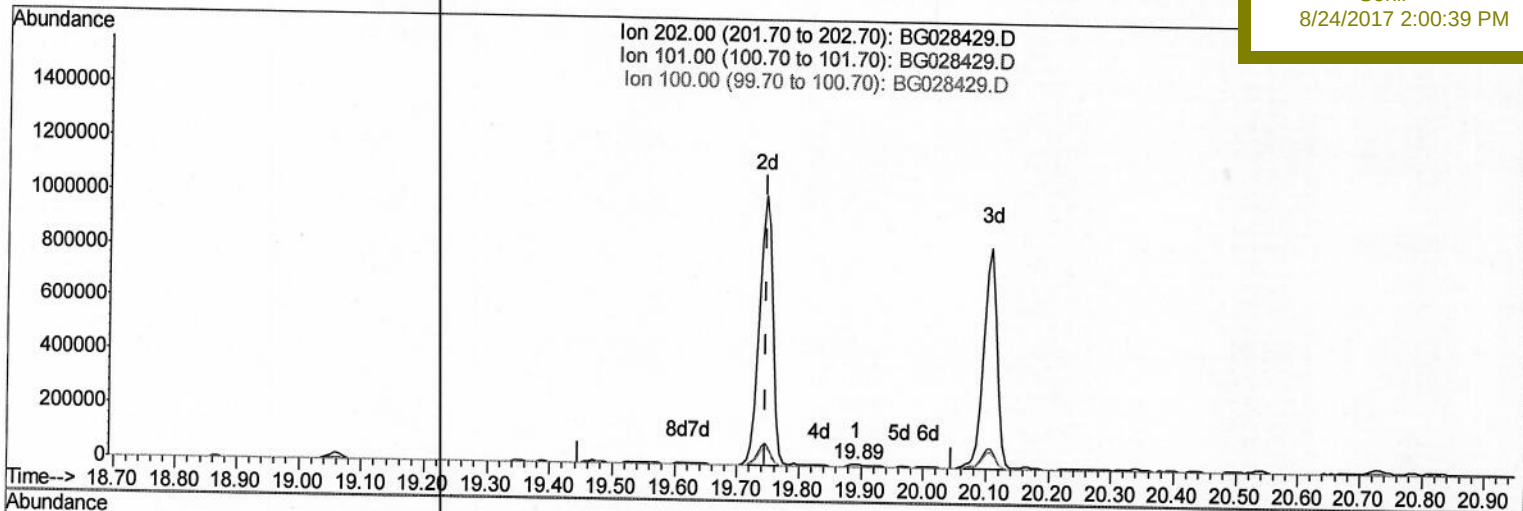
Data Path : U:\HPCHEM1\BNA G\Data\BG082217\
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 ClientSampleId :
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Manual Integrations
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TIC: BG028429.D

(74) Fluoranthene (C)

19.891min (+0.146) 3.21ng/ul

response 17183

Ion	Exp%	Act%
202.00	100	100
101.00	7.70	7.72
100.00	6.50	6.60
0.00	0.00	0.00

Quantitation Report (Qedit)

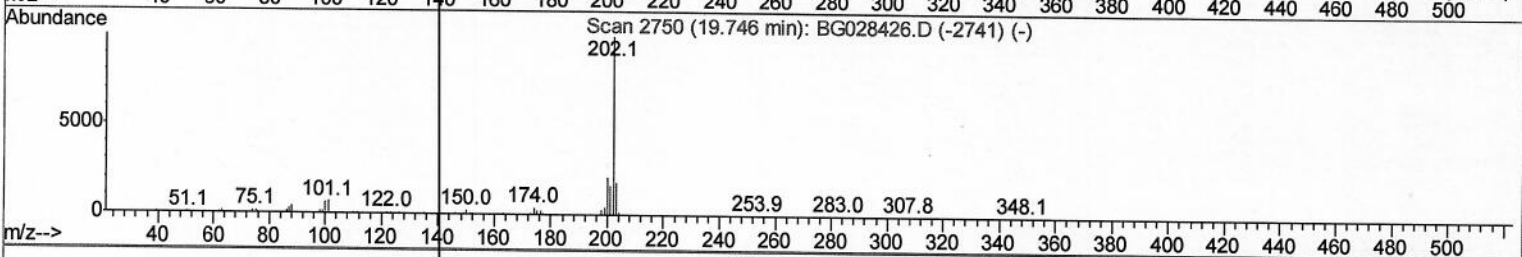
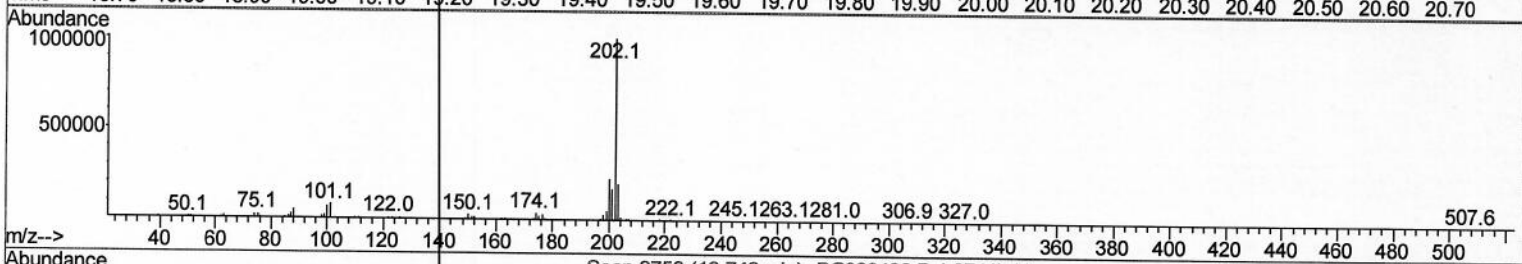
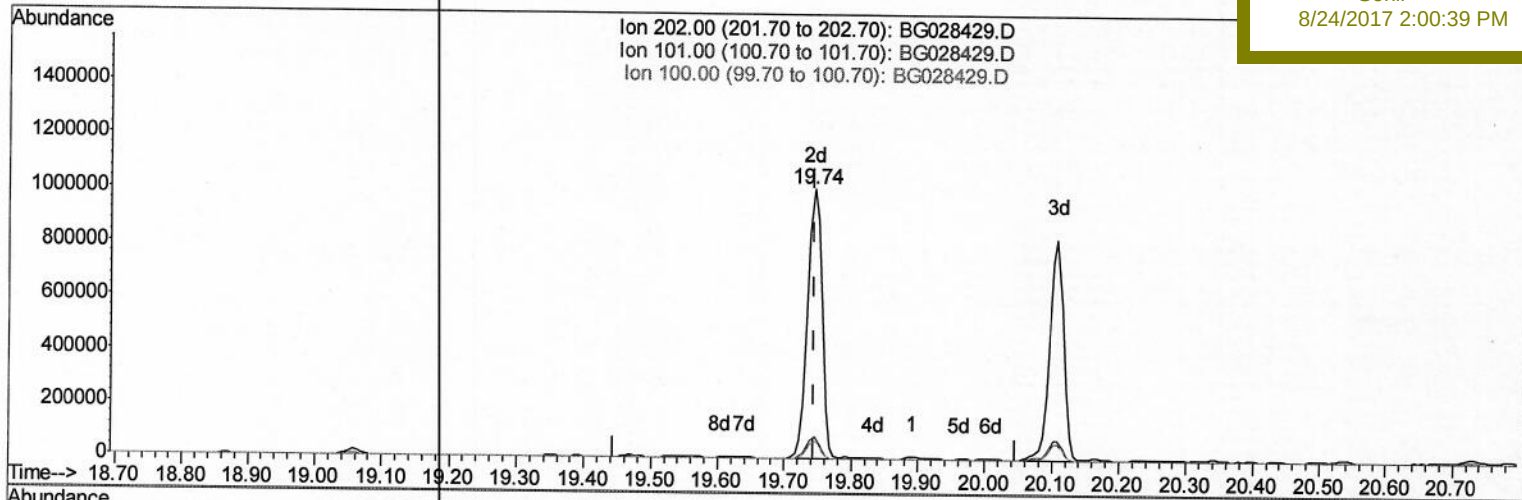
Data Path : U:\HPCHEM1\BNA G\Data\BG082217\
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 Sample : I4713-08 5X
 Misc :
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 BNA_G
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 E7GB8

Manual Integrations
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 8/24/2017 2:00:39 PM



TIC: BG028429.D

(74) Fluoranthene (C)

19.745min (-0.001) 78.85ng/ul m

response 1524007

Ion	Exp%	Act%
202.00	100	100
101.00	7.70	8.22
100.00	6.50	6.55
0.00	0.00	0.00

SJ 08/23/17

Quantitation Report (Qedit)

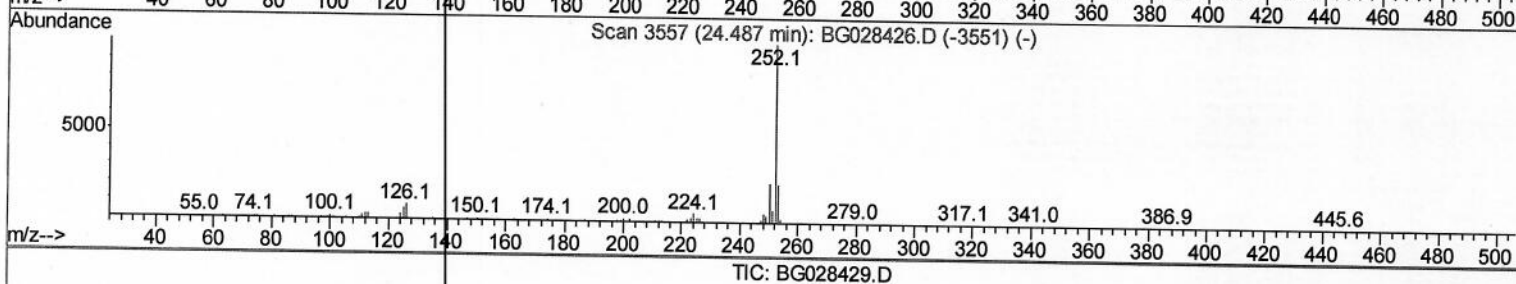
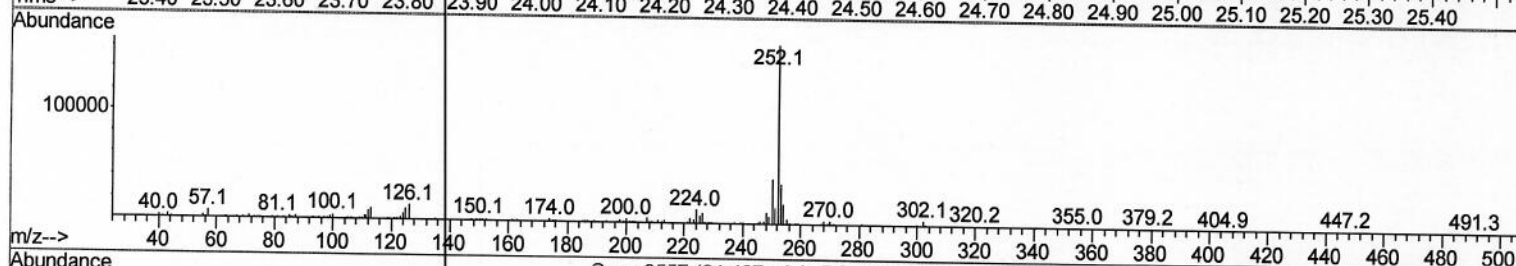
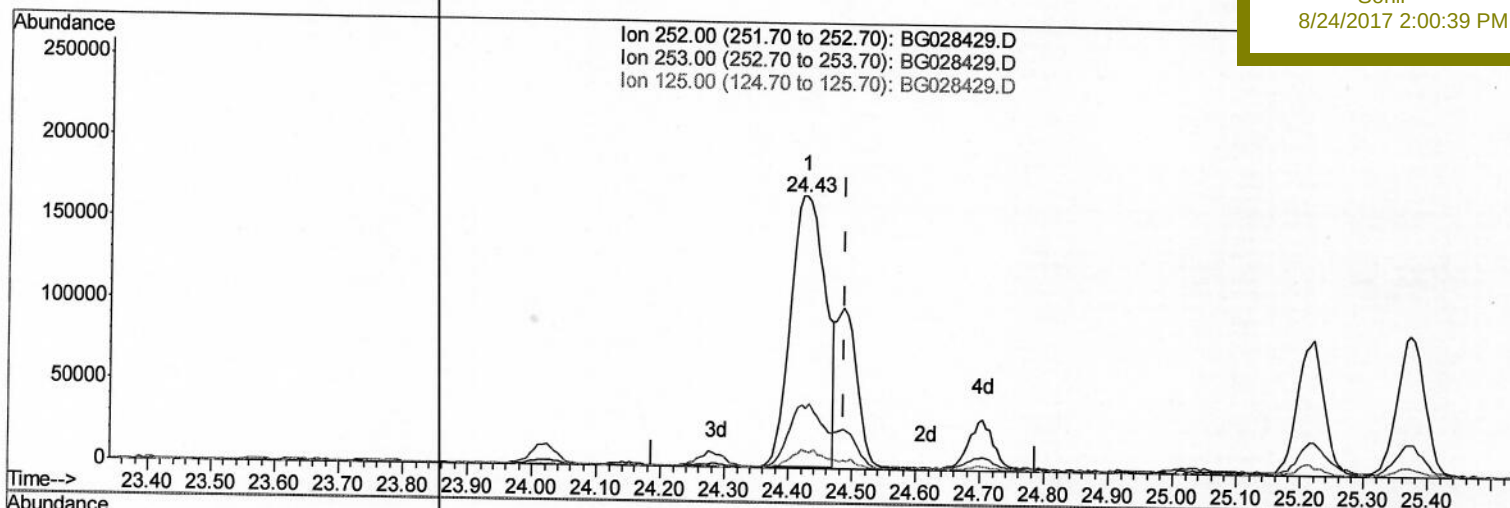
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Manual Integrations
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(86) Benzo(k)fluoranthene

24.427min (-0.060) 29.65ng/ul

response 618930

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	21.96
125.00	5.10	6.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

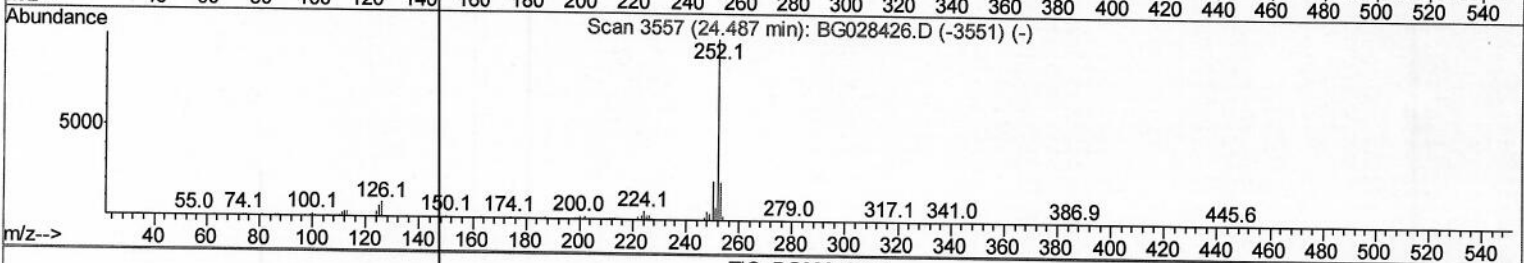
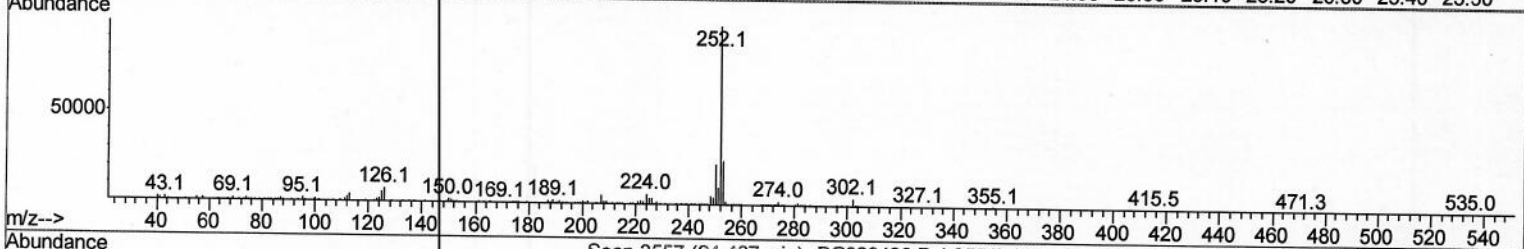
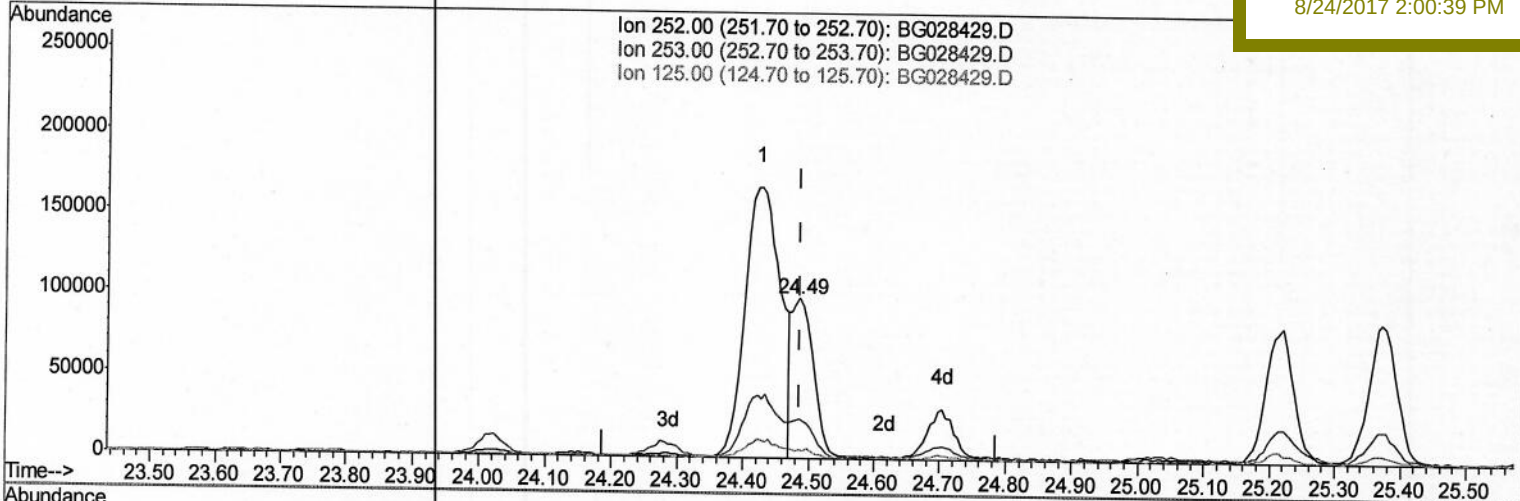
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TIC: BG028429.D

(86) Benzo(k)fluoranthene
 24.486min (-0.001) 10.95ng/ul m
 response 228634

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	24.53
125.00	5.10	5.73
0.00	0.00	0.00

SJ 08/23/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	40720	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	193169	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	140478	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	316030m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	366574	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	357163	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	158	0.18	ng/uL	0.00
5) Phenol-d5	7.49	99	15595	3.49	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.66	67	9980	3.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	12555	4.45	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	14109	3.77	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	6532	4.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	7505	4.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	16454	4.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	8821	2.31	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	61695	4.94	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	71089	5.05	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	5366m	2.70	ng/ul	0.02
57) Fluorene-d10	15.94	176	55219	4.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.05	200	6431m	3.13	ng/ul	0.00
70) Anthracene-d10	17.80	188	87589	5.78	ng/ul	0.00
76) Pyrene-d10	20.07	212	99139	5.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	91361	5.46	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	11.21	128	37276	3.896	ng/ul#	95
34) 2-Methylnaphthalene	12.79	142	53868	7.010	ng/ul	98
44) Dimethylphthalate	14.39	163	30375	2.640	ng/ul#	98
53) Dibenzofuran	15.34	168	24805	1.873	ng/ul	92
58) Fluorene	16.00	166	14805	1.263	ng/ul#	84
69) Phenanthrene	17.74	178	417465m	26.248	ng/ul	
71) Anthracene	17.83	178	57782	3.555	ng/ul	97
72) Carbazole	18.11	167	48150	3.406	ng/ul	98
74) Fluoranthene	19.74	202	1524007m	78.847	ng/ul	
77) Pyrene	20.11	202	1200105	54.874	ng/ul	99
80) Benzo(a)anthracene	22.01	228	521715	24.632	ng/ul	97
82) Chrysene	22.09	228	638591	33.477	ng/ul	96
85) Benzo(b)fluoranthene	24.43	252	618930	28.958	ng/ul#	99
86) Benzo(k)fluoranthene	24.49	252	228634m	10.951	ng/ul	
88) Benzo(a)pyrene	25.37	252	254931	12.319	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.56	276	131485	5.426	ng/ul	98
90) Dibenzo(a,h)anthracene	29.60	278	41452	2.041	ng/ul	95
91) Benzo(g,h,i)perylene	30.82	276	99602	4.996	ng/ul#	87

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