

(LSC Reviewed)

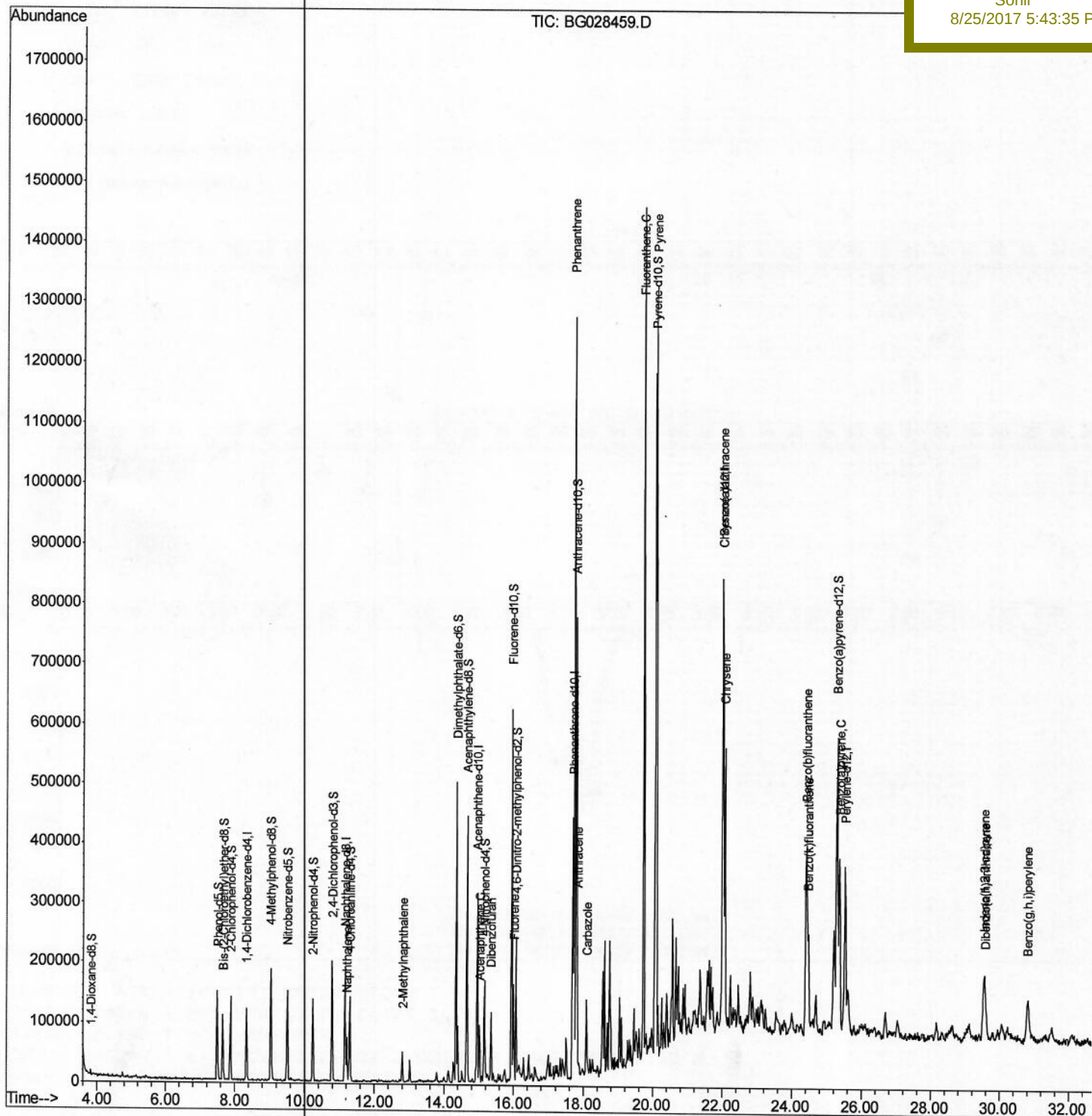
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Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028459.D
Acq On : 24 Aug 2017 14:10
Operator : SJ/JU
Sample : I4827-05ME
Misc :
ALS Vial : 6 Sample Multiplier: 1
```

Quant Time: Aug 29 11:40:25 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 01:07:54 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
B0AB4ME

Manual Integrations

Sohil
8/25/2017 5:43:35 PM



Quantitation Report (Qedit)

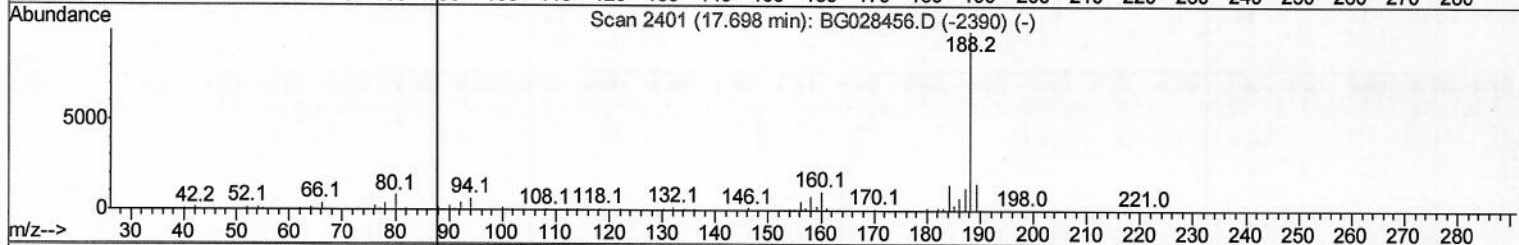
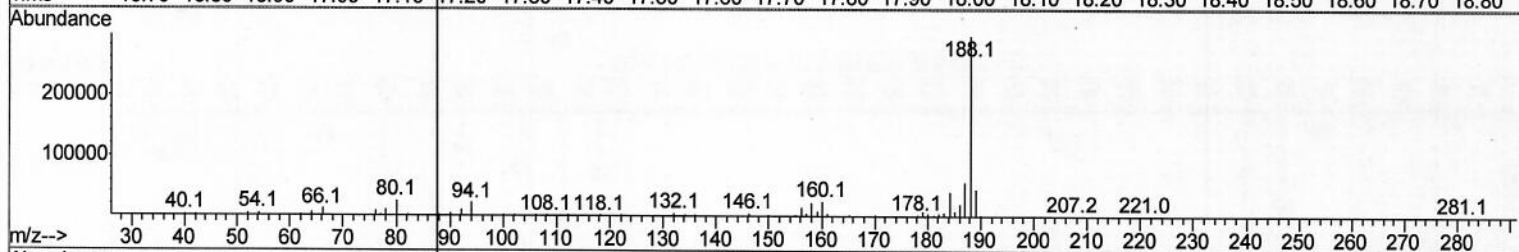
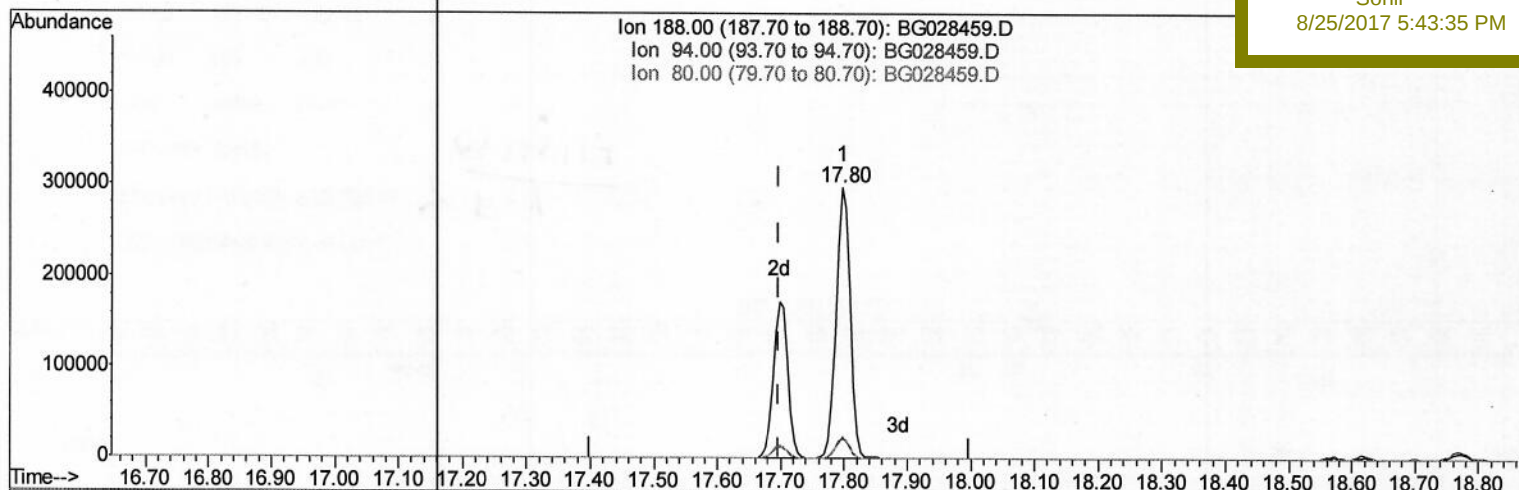
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 Operator : SJ/JU
 Sample : I4827-05ME
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Quant Time: Aug 25 01:08:28 2017
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 Quant Title : SVOA CALIBRATION
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Manual Integrations
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TIC: BG028459.D

(61) Phenanthrene-d10 (I)
 17.798min (+0.099) 20.00ng/ul
 response 463975

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.41
80.00	9.50	8.31
0.00	0.00	0.00

Quantitation Report (Qedit)

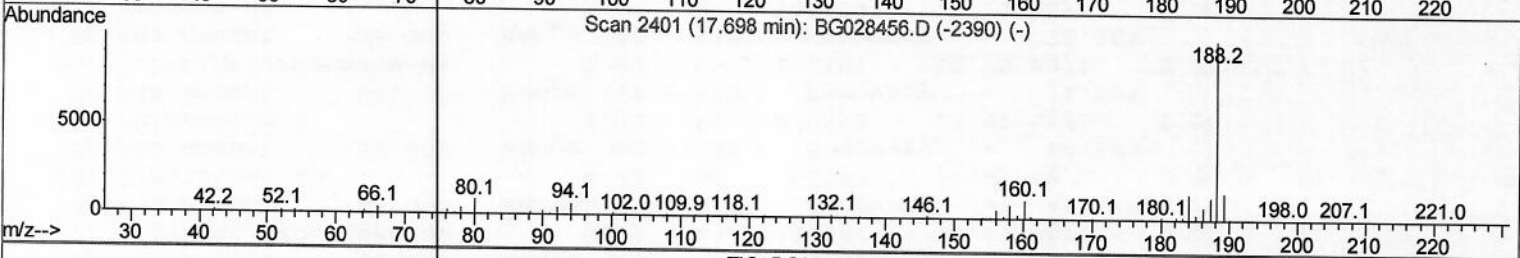
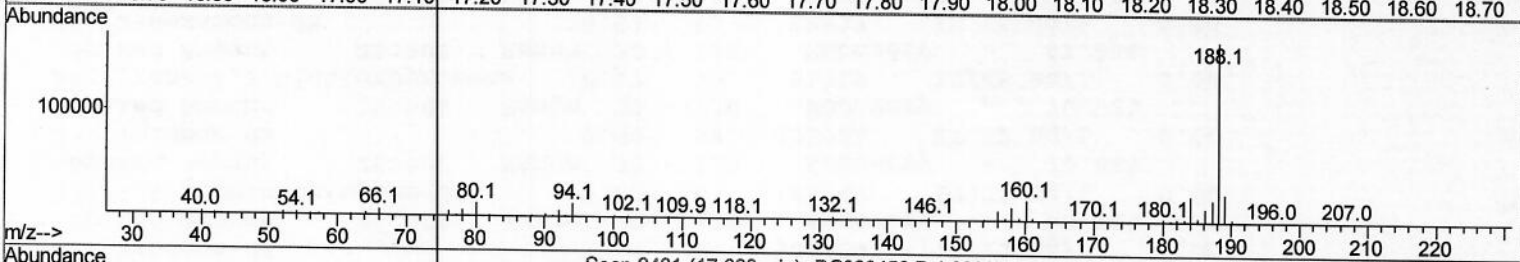
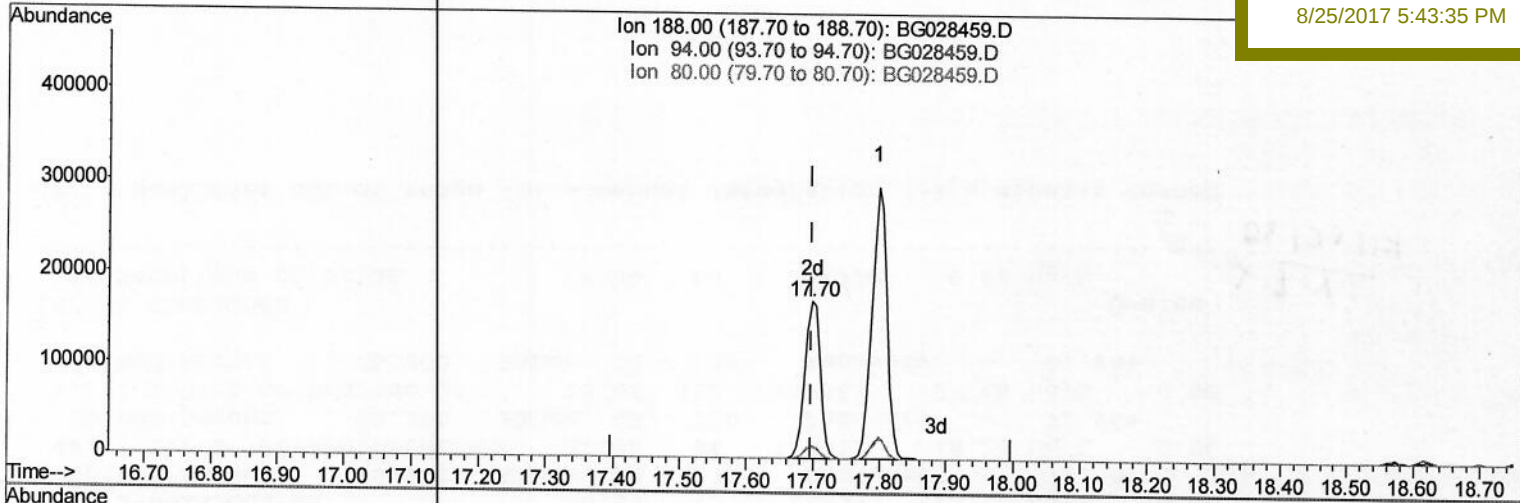
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(61) Phenanthrene-d10 (I)
 17.698min (-0.000) 20.00ng/ul m
 response 278068

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.53
80.00	9.50	7.37#
0.00	0.00	0.00

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Quantitation Report (Qedit)

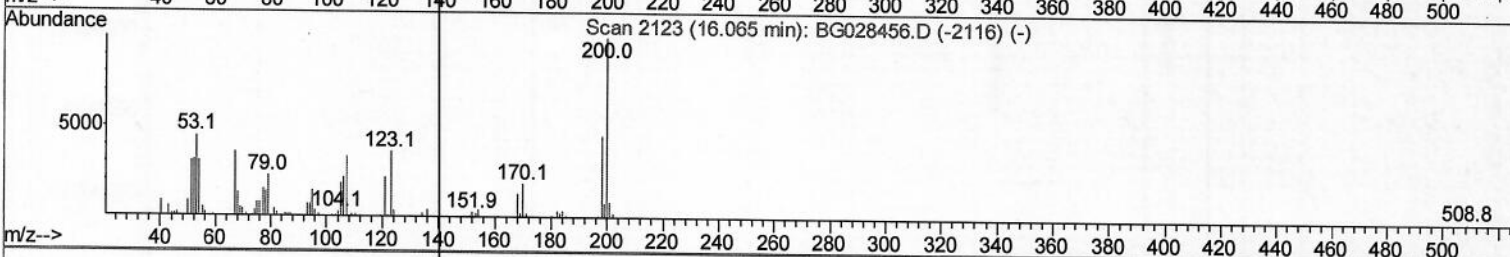
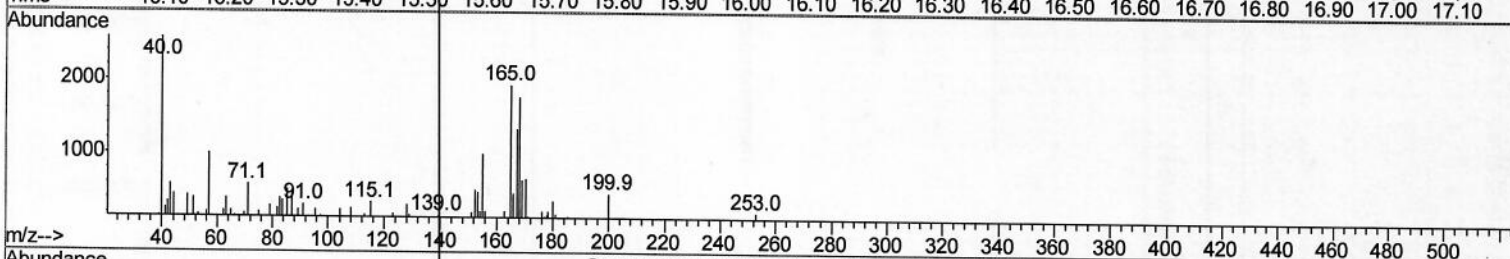
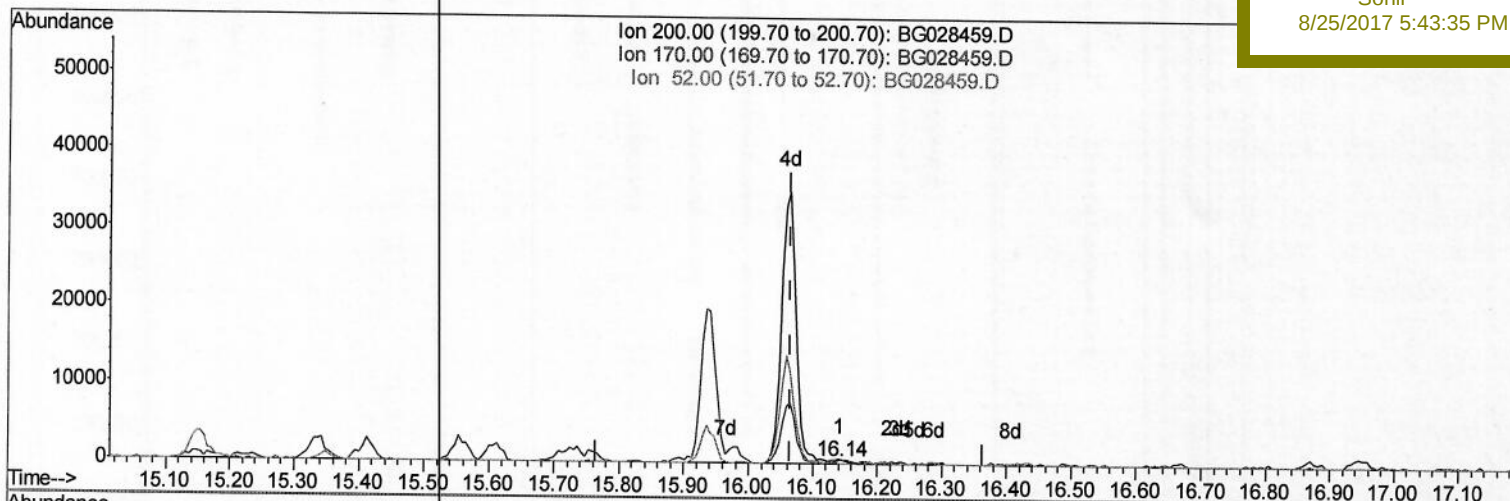
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 Data File : BG028459.D
 Acq On : 24 Aug 2017 14:10
 Operator : SJ/JU
 Sample : I4827-05ME
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 25 01:42:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 01:07:54 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 B0AB4ME

Manual Integrations
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TIC: BG028459.D

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

16.141min (+0.076) 0.41ng/ul

response 749

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	141.53#
52.00	47.20	0.00#
0.00	0.00	0.00

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 Operator : SJ/JU
 Sample : I4827-05ME
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 25 01:42:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 01:07:54 2017
 Response via : Initial Calibration

Instrument :

BNA_G

ClientSampleId :

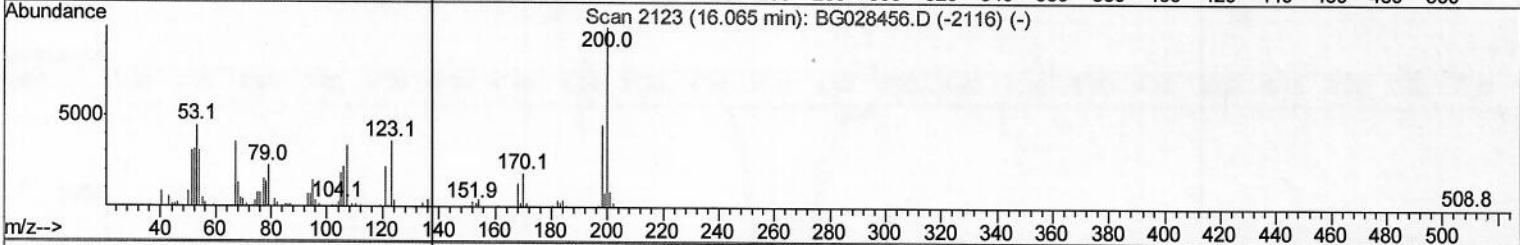
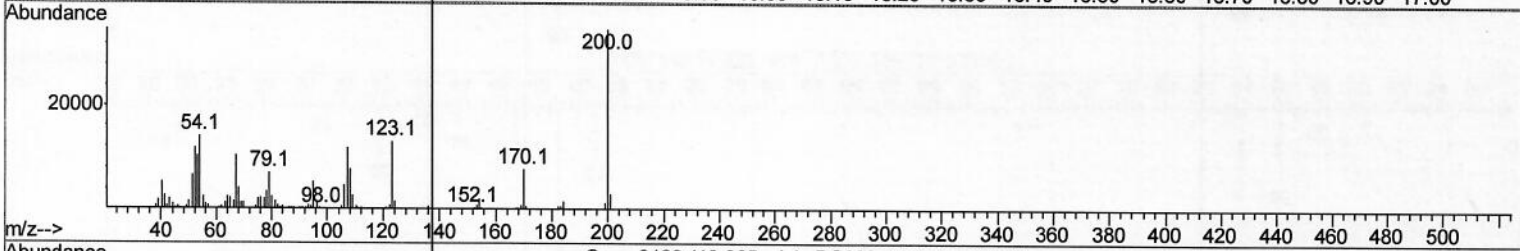
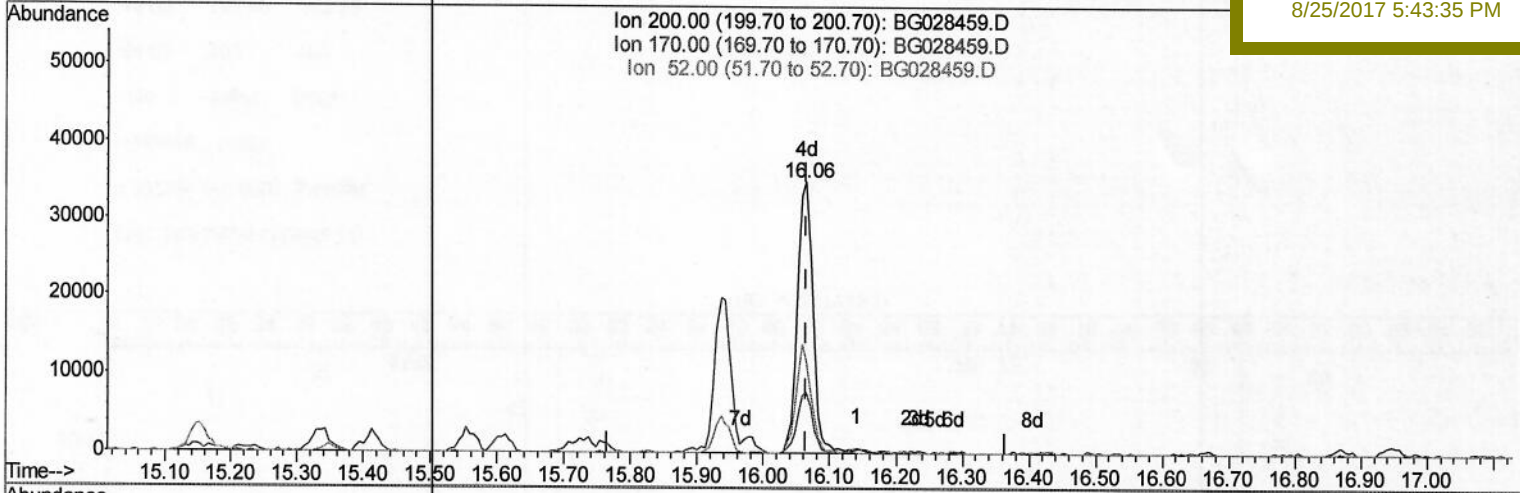
B0AB4ME

Manual Integrations

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TIC: BG028459.D

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

16.065min (-0.000) 31.12ng/ul m

response 56223

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	22.43
52.00	47.20	33.85#
0.00	0.00	0.00

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Quantitation Report (Qedit)

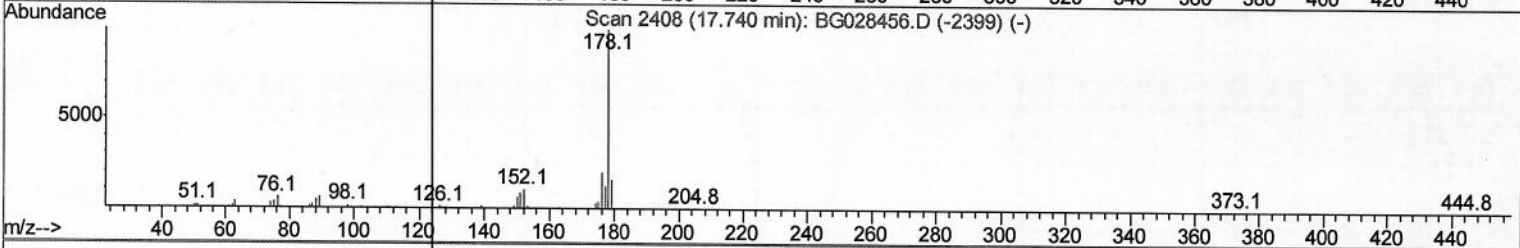
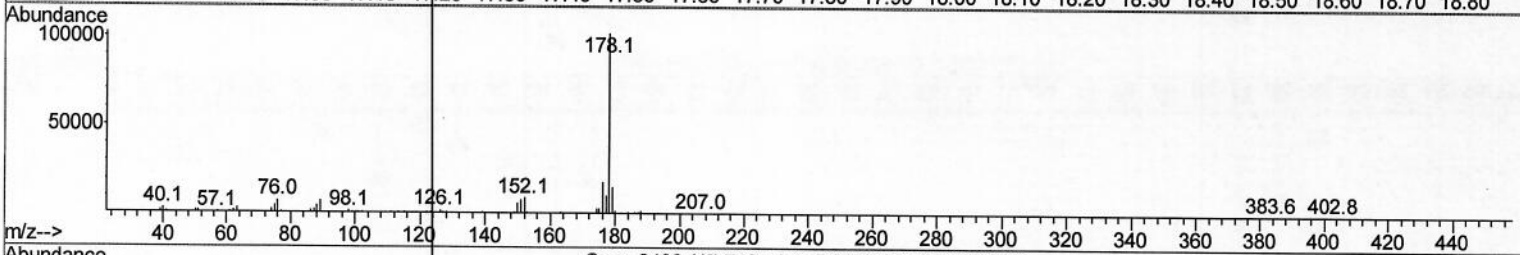
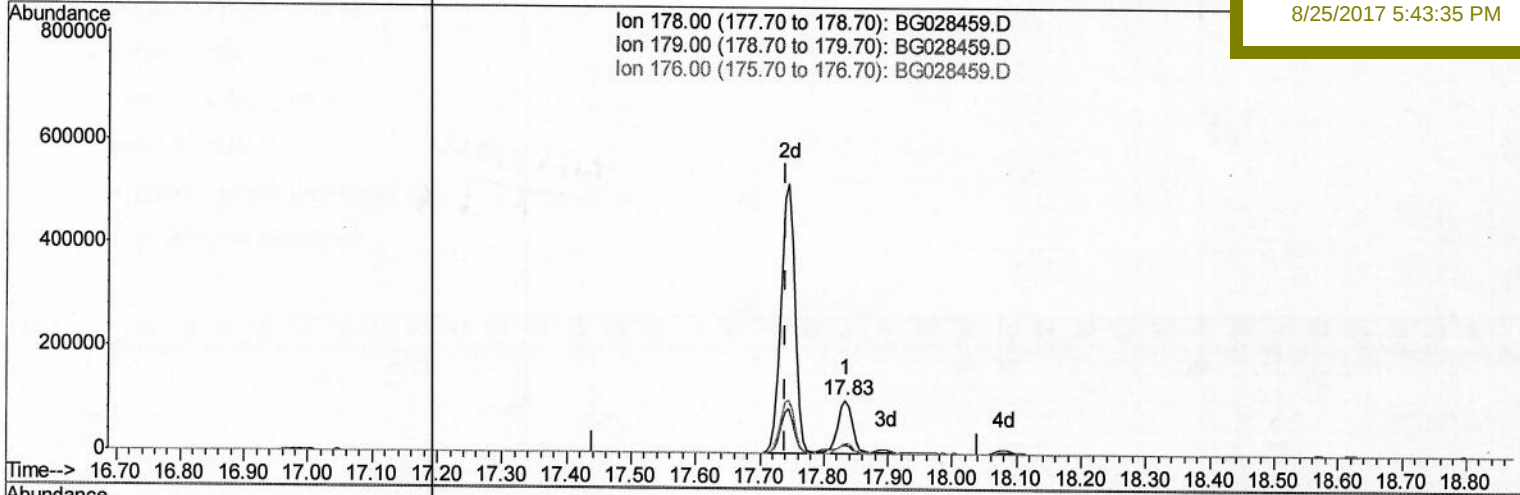
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 Sample : I4827-05ME
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 25 01:43:26 2017
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Instrument :
 BNA_G
 ClientSampleId :
 B0AB4ME

Manual Integrations
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Sohil
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TIC: BG028459.D

(69) Phenanthrene

17.833min (+0.094) 11.65ng/ul

response 163043

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	15.41
176.00	20.60	17.80
0.00	0.00	0.00

Quantitation Report (Qedit)

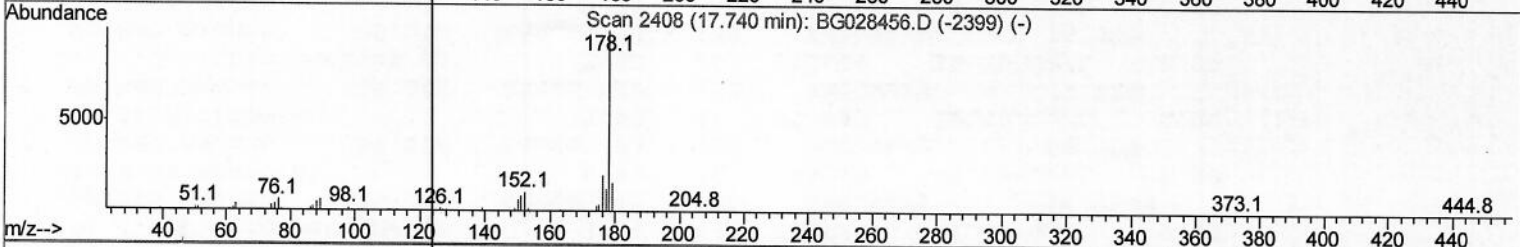
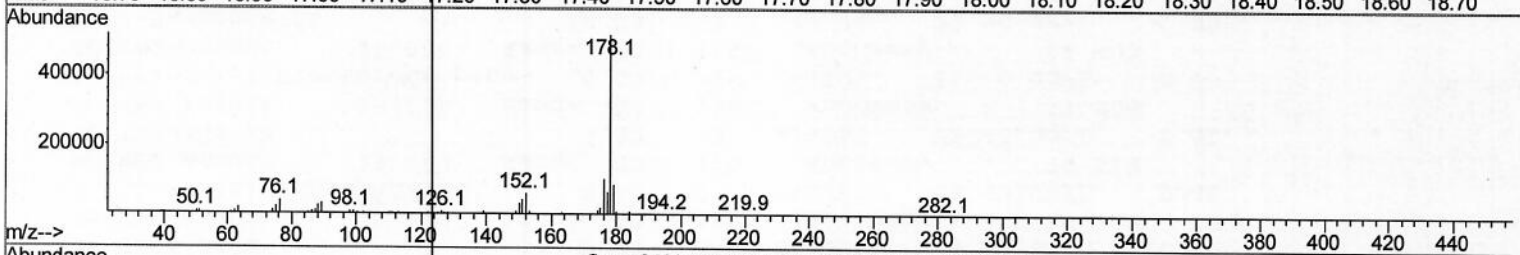
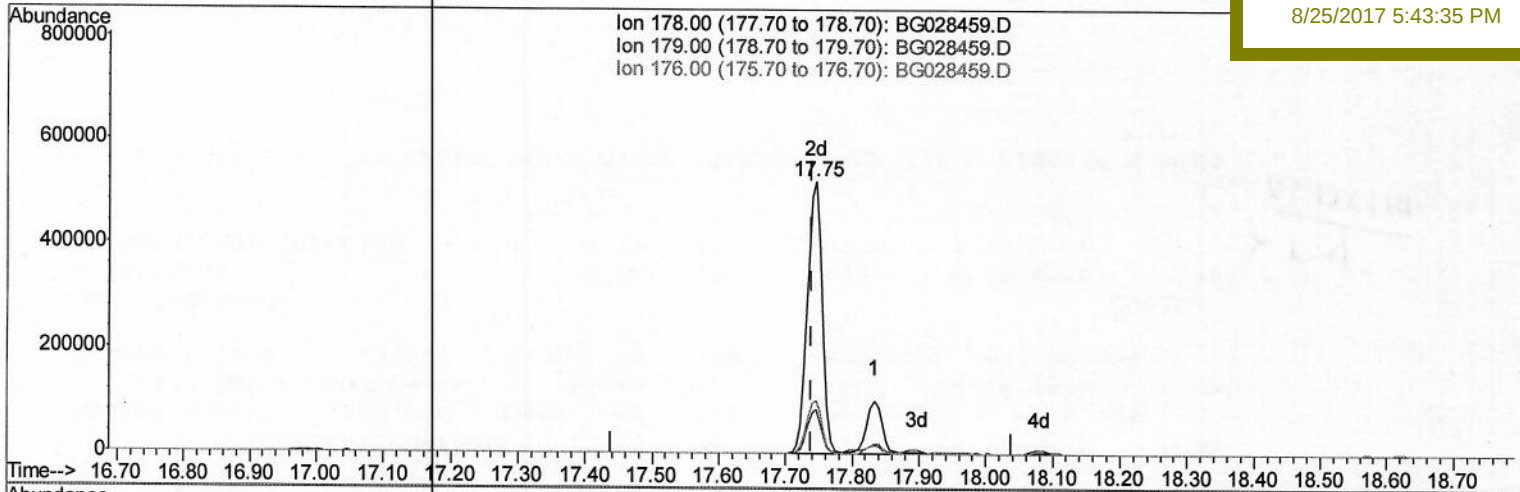
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Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:43:35 PM



TIC: BG028459.D

(69) Phenanthrene

17.745min (+0.005) 57.74ng/ul m

response 807952

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	16.31
176.00	20.60	19.76
0.00	0.00	0.00

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Quantitation Report (Qedit)

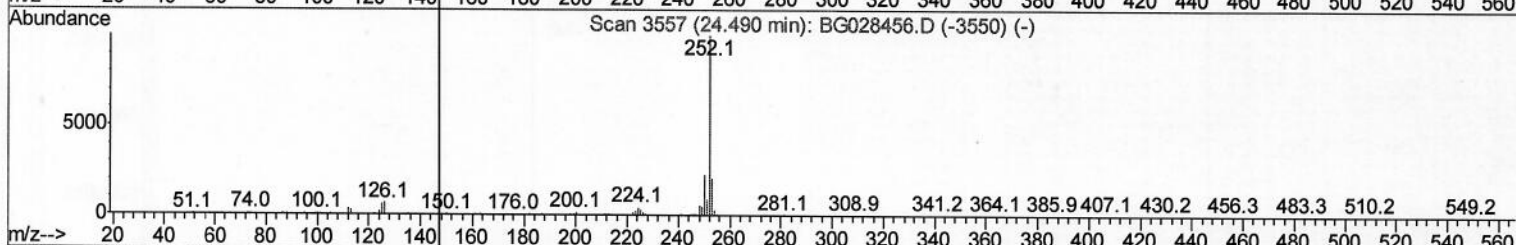
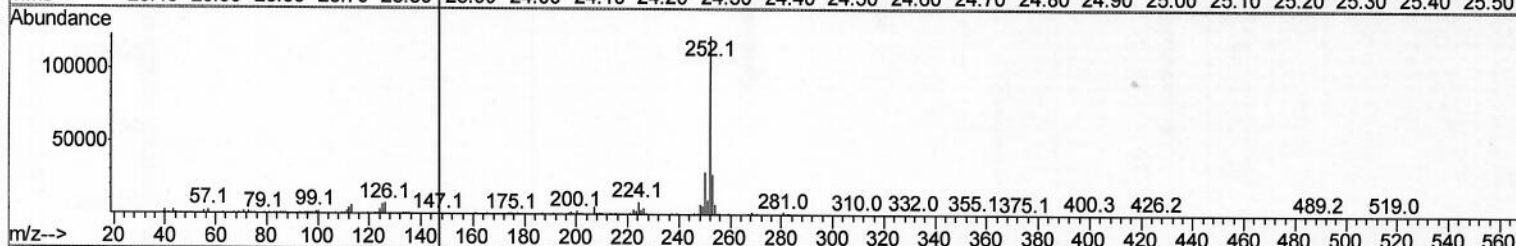
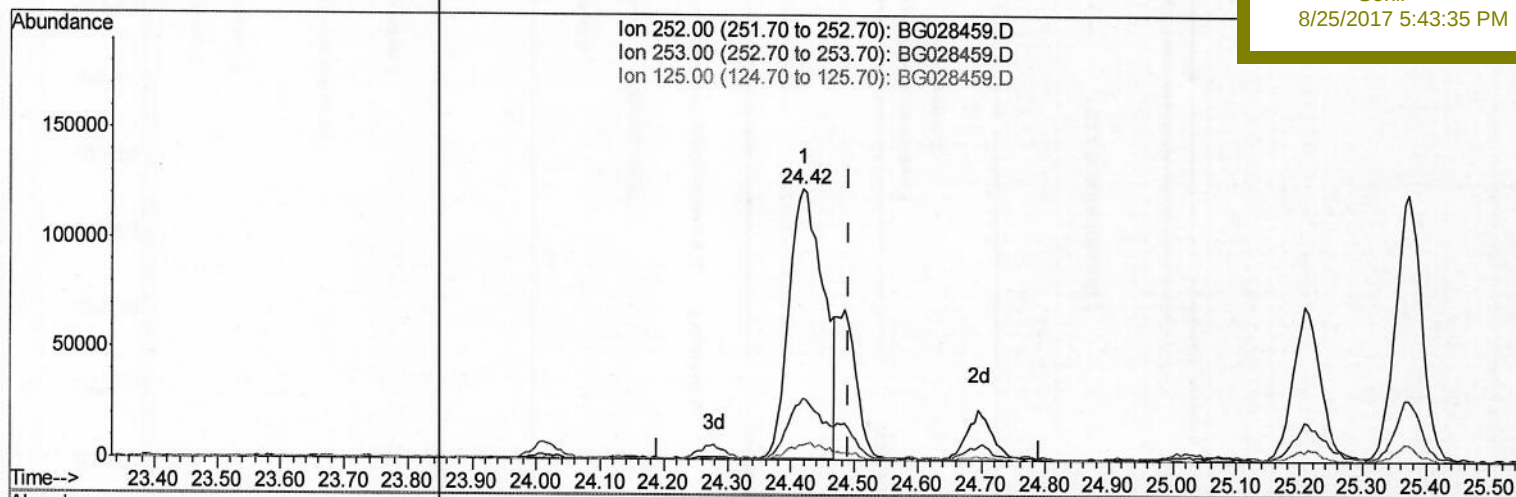
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TIC: BG028459.D

(86) Benzo(k)fluoranthene

24.420min (-0.071) 23.75ng/ul

response 459408

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	22.82
125.00	5.10	5.68
0.00	0.00	0.00

Quantitation Report (Qedit)

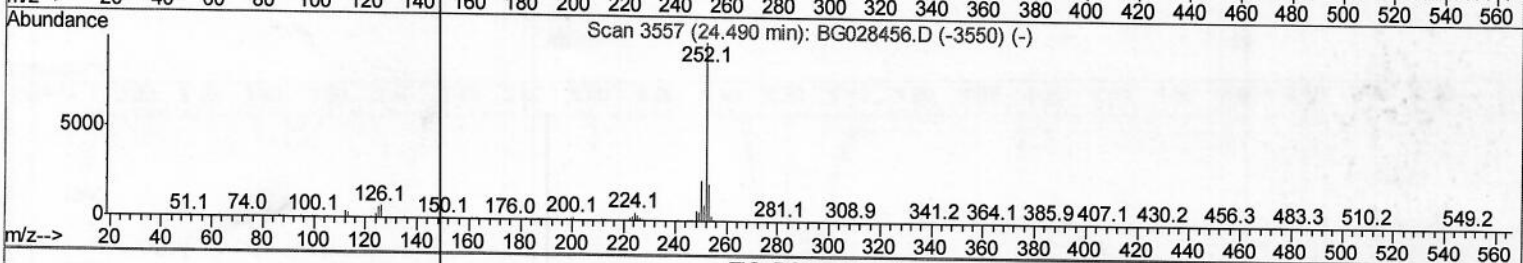
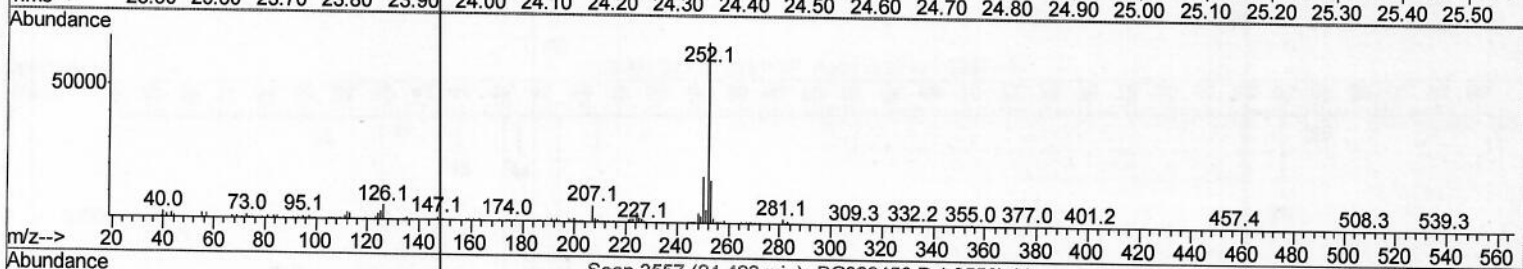
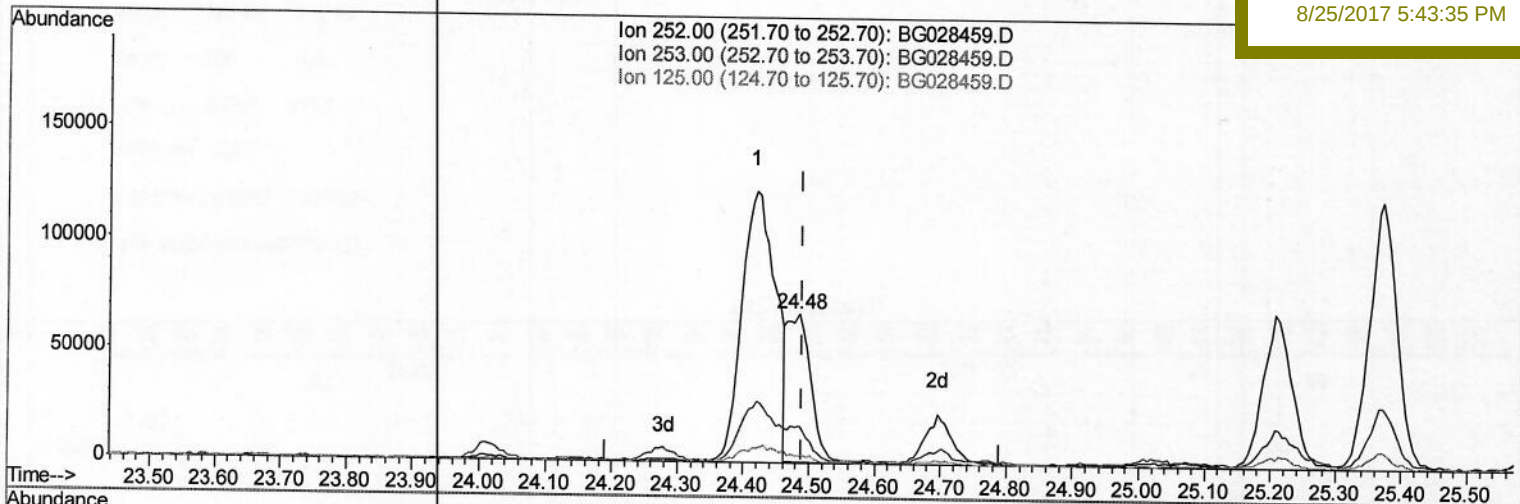
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Misc :
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Response via : Initial Calibration

Instrument :
BNA_G
Client Sampled :
B0AB4ME

Manual Integrations
APPROVED

Sohil
8/25/2017 5:43:35 PM



TIC: BG028459.D

(86) Benzo(k)fluoranthene
24.484min (-0.006) 8.68ng/ul m
response 167888

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	24.17
125.00	5.10	5.19
0.00	0.00	0.00

SJ 08/25/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	35069	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	150076	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	110869	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	278068m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	346368	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	330888	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	3017	4.01	ng/uL	0.00
5) Phenol-d5	7.49	99	86233	22.39	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.65	67	55593	22.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	65416	26.92	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	79197	24.60	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	34451	29.36	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.23	143	42546	33.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	80482	30.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	79395	26.79	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	329133	33.38	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	335874	30.21	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	46640	29.75	ng/ul	0.00
57) Fluorene-d10	15.94	176	262866	29.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	56223m	31.12	ng/ul	0.00
70) Anthracene-d10	17.80	188	463975	34.80	ng/ul	0.00
76) Pyrene-d10	20.07	212	560325	31.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	555886	35.89	ng/ul	0.00
Target Compounds						
28) Naphthalene	11.21	128	58839	7.916	ng/ul#	94
34) 2-Methylnaphthalene	12.79	142	22212	3.720	ng/ul	88
49) Acenaphthene	15.01	153	36796	5.133	ng/ul	95
53) Dibenzofuran	15.34	168	61245	5.860	ng/ul	99
58) Fluorene	15.99	166	72627	7.848	ng/ul	94
69) Phenanthrene	17.75	178	807952m	57.736	ng/ul	
71) Anthracene	17.83	178	163043	11.400	ng/ul	97
72) Carbazole	18.10	167	81546	6.556	ng/ul	95
74) Fluoranthene	19.74	202	936478	55.065	ng/ul	99
77) Pyrene	20.10	202	829691	40.150	ng/ul	99
80) Benzo(a)anthracene	22.01	228	407573	20.366	ng/ul	94
82) Chrysene	22.08	228	365862	20.299	ng/ul	95
85) Benzo(b)fluoranthene	24.42	252	459408	23.202	ng/ul	98
86) Benzo(k)fluoranthene	24.48	252	167888m	8.680	ng/ul	
88) Benzo(a)pyrene	25.37	252	354604	18.496	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.56	276	216830	9.658	ng/ul	94
90) Dibenzo(a,h)anthracene	29.60	278	51480	2.736	ng/ul	96
91) Benzo(a,h,i)perylene	30.82	276	183177	9.918	ng/ul	97

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