

Data Path : Z:\HPCHEM1\BNA M\Data\BM061317\
Data File : BM10569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

mohammad
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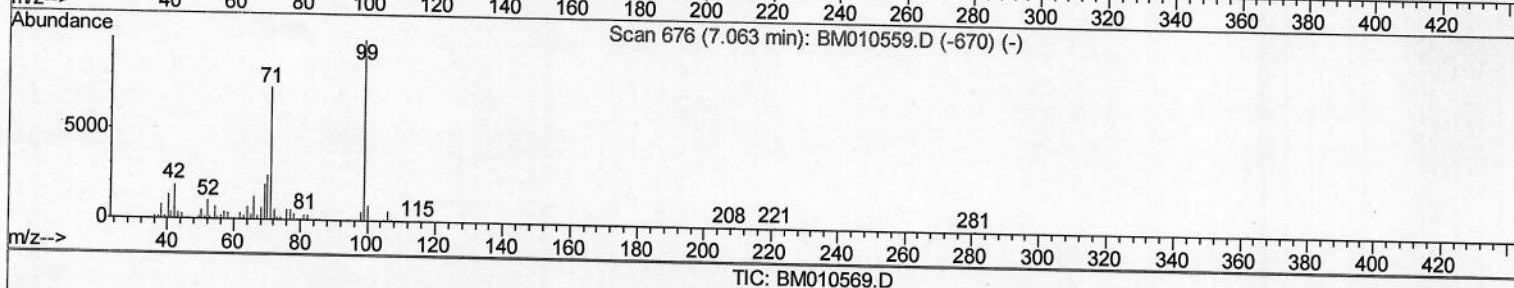
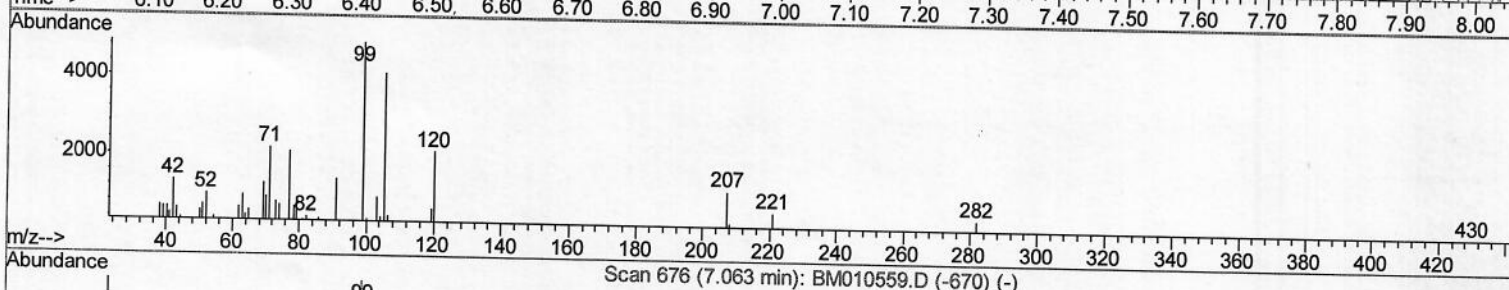
Abundance

Ion 99.00 (98.70 to 99.70): BM010569.D
Ion 71.00 (70.70 to 71.70): BM010569.D
Ion 42.00 (41.70 to 42.70): BM010569.D

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Time-->

Abundance



Ion	Exp%	Act%
99.00	100	100
71.00	55.00	44.71
42.00	24.20	27.13
0.00	0.00	0.00

Quantitation Report (Qedit)

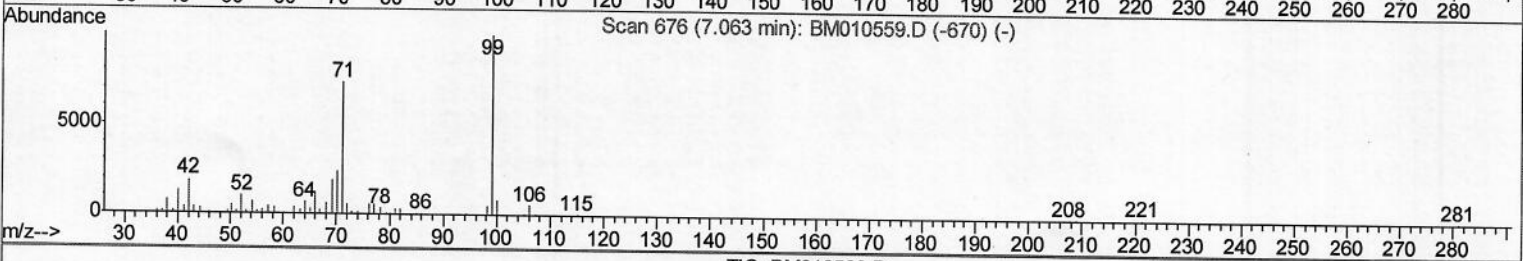
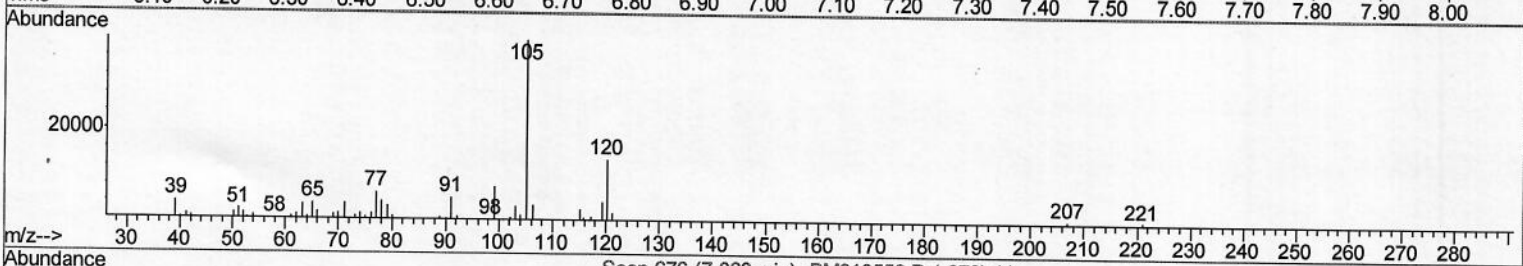
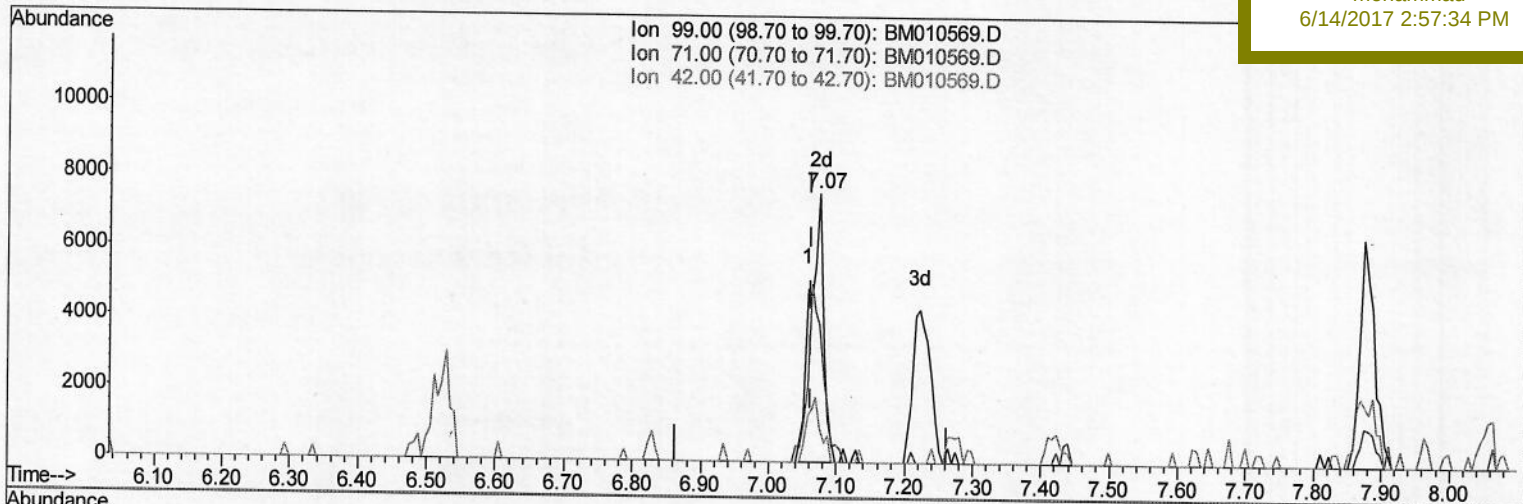
Data Path : Z:\HPCHEM1\BNA M\Data\BM061317\
 Data File : BM010569.D
 Acq On : 13 Jun 2017 20:32
 Operator : SJ/MA
 Sample : I3558-17 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 08:48:45 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 14 01:46:30 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F5D33

Manual Integrations
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TIC: BM010569.D

(5) Phenol-d5 (S)

7.075min (+0.012) 1.10ng/ul m

response 10302

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	50.90
42.00	24.20	12.94#
0.00	0.00	0.00

> 5.2
 06/28/17

Quantitation Report (Qedit)

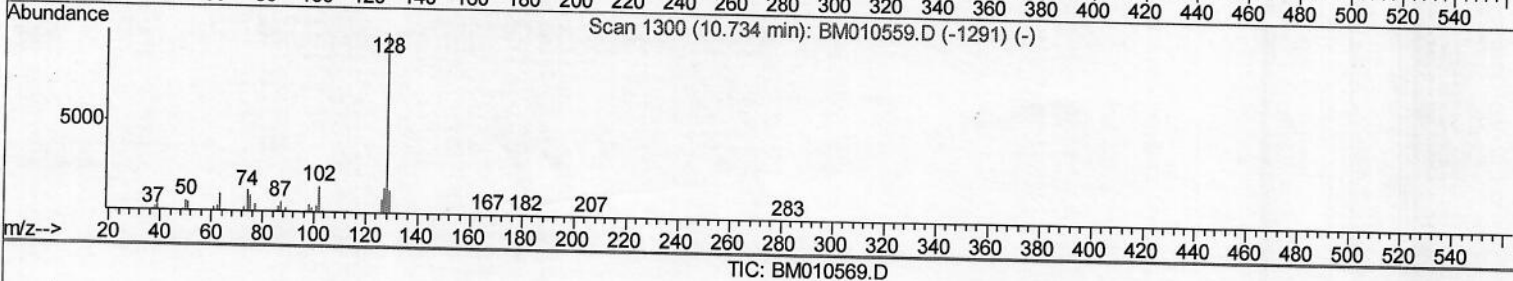
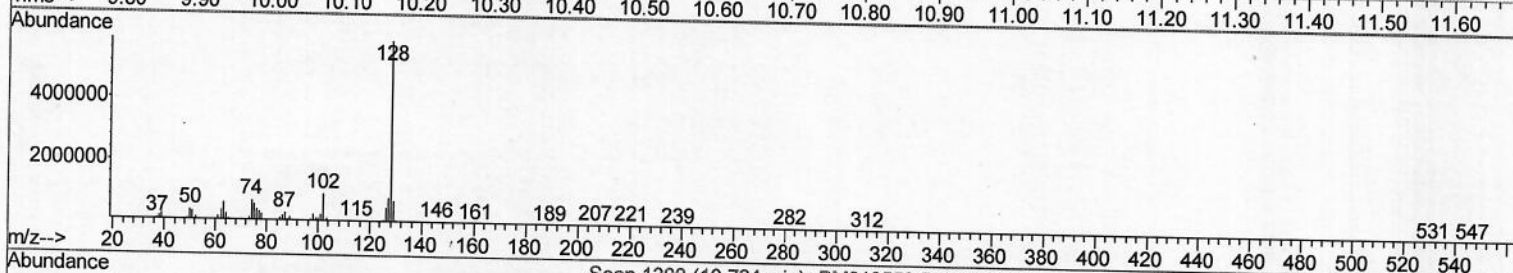
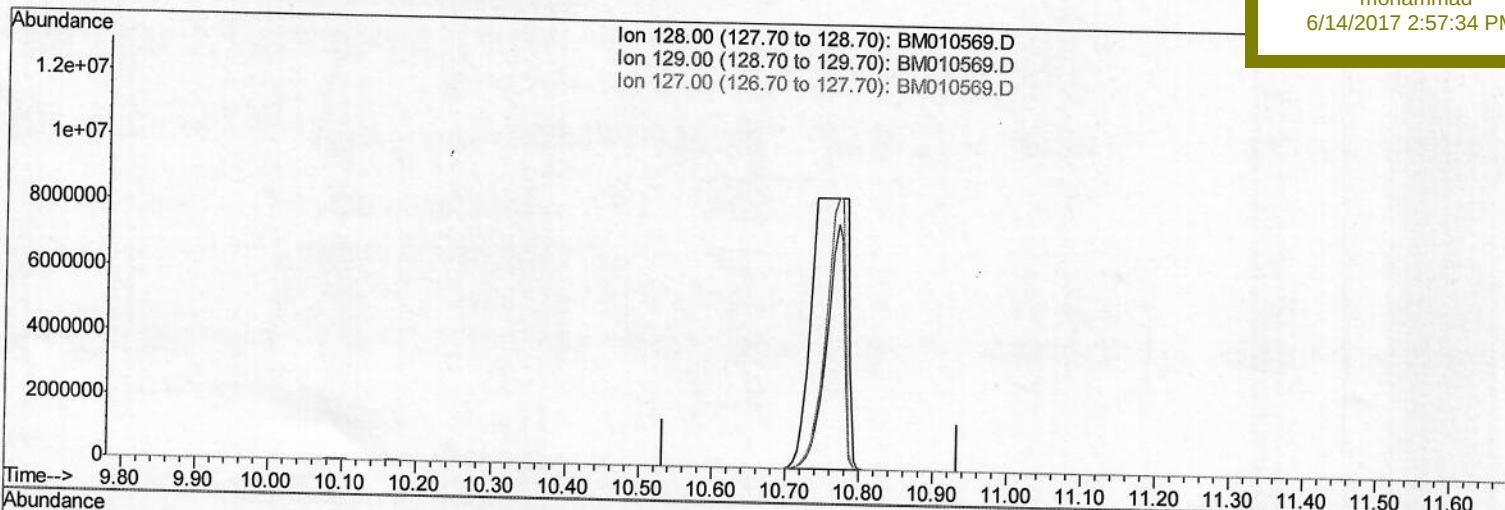
Data Path : Z:\HPCHEM1\BNA M\Data\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 29 04:03:17 2017
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 16 02:29:43 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5D33

Manual Integrations
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(28) Naphthalene

10.733min (-10.733) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	11.00	0.00#
127.00	13.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

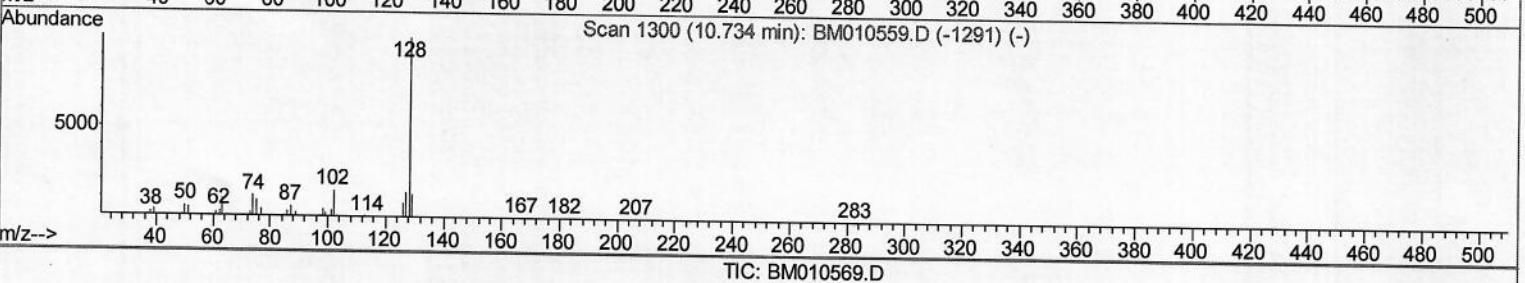
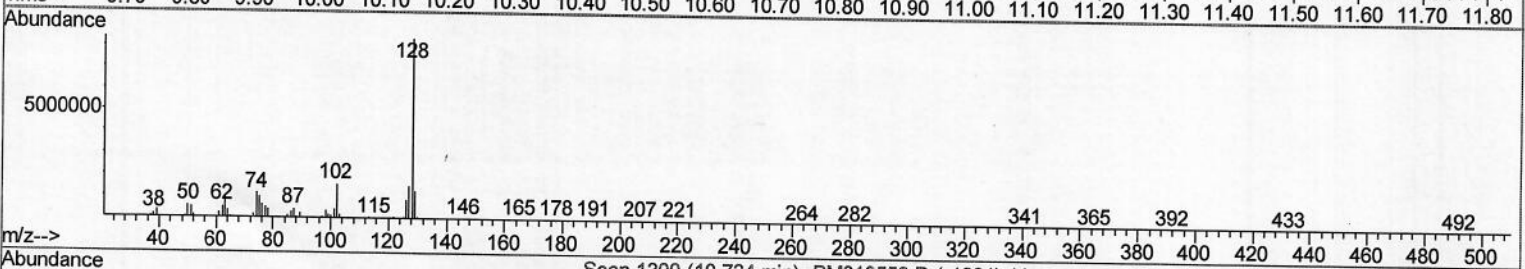
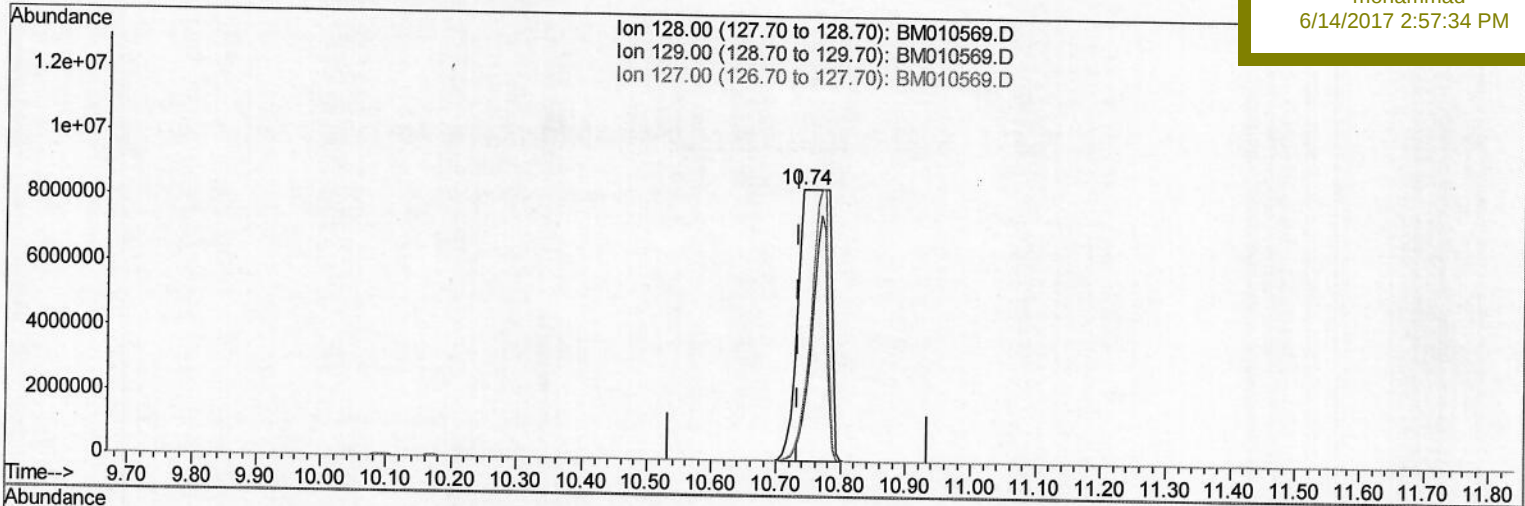
Data Path : Z:\HPCHEM1\BNA M\Data\BM061317\
 Data File : BM010569.D
 Acq On : 13 Jun 2017 20:32
 Operator : SJ/MA
 Sample : I3558-17 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 08:48:45 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 14 01:46:30 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F5D33

Manual Integrations
 APPROVED

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TIC: BM010569.D

(28) Naphthalene

10.739min (+0.006) 1241.21ng/ul m

response 28894902

Ion	Exp%	Act%
128.00	100	100
129.00	11.00	14.76#
127.00	13.30	18.16#
0.00	0.00	0.00

> 9.7
 06/28/17

Quantitation Report (Qedit)

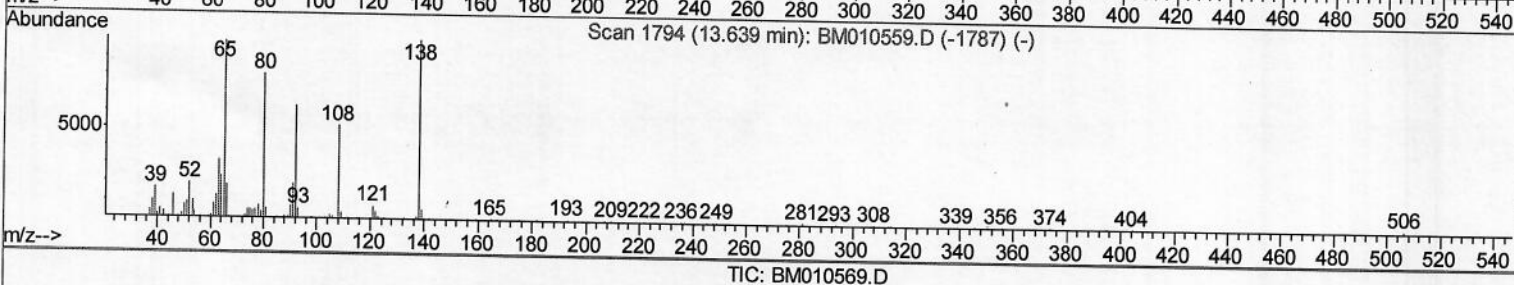
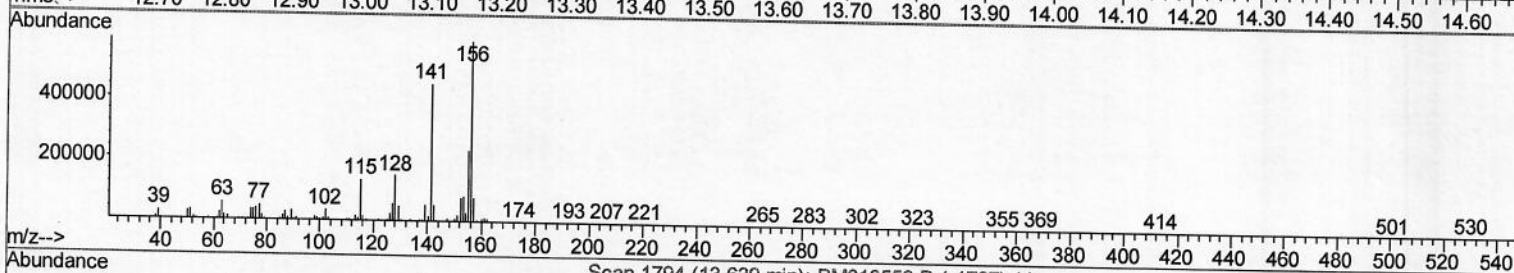
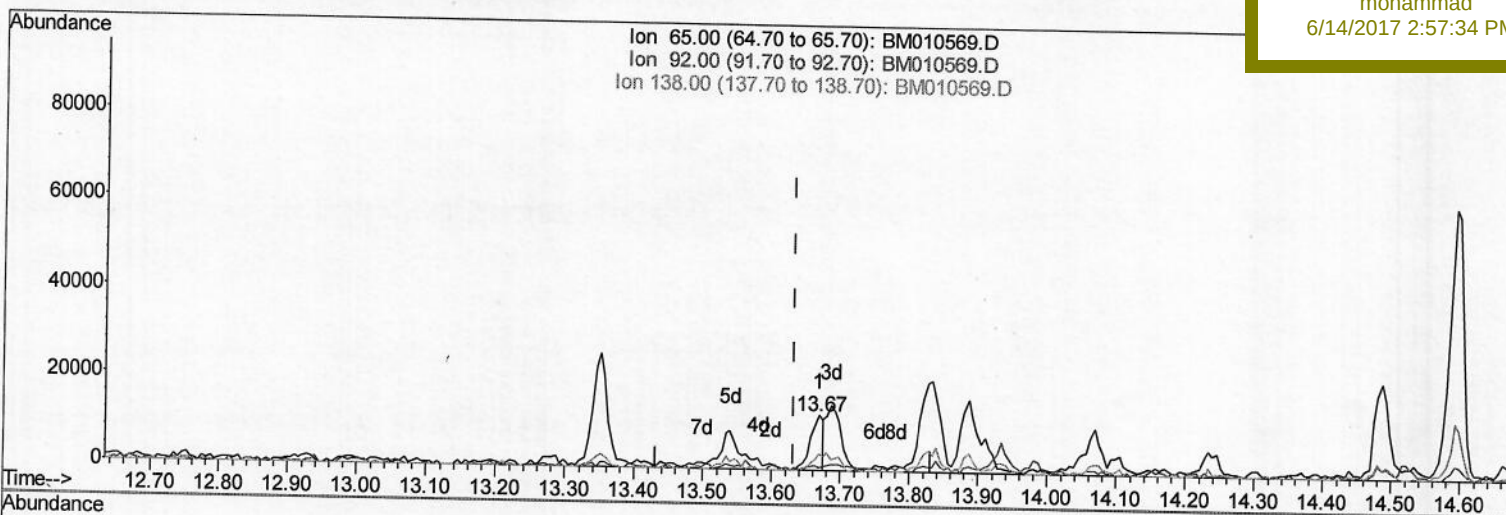
Data Path : Z:\HPCHEM1\BNA M\Data\BM061317\
 Data File : BM010569.D
 Acq On : 13 Jun 2017 20:32
 Operator : SJ/MA
 Sample : I3558-17 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 29 04:03:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 16 02:29:43 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F5D33

Manual Integrations
 APPROVED

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(42) 2-Nitroaniline

13.669min (+0.035) 3.24ng/ul

response 16660

Ion	Exp%	Act%
65.00	100	100
92.00	64.70	3.70#
138.00	92.80	29.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

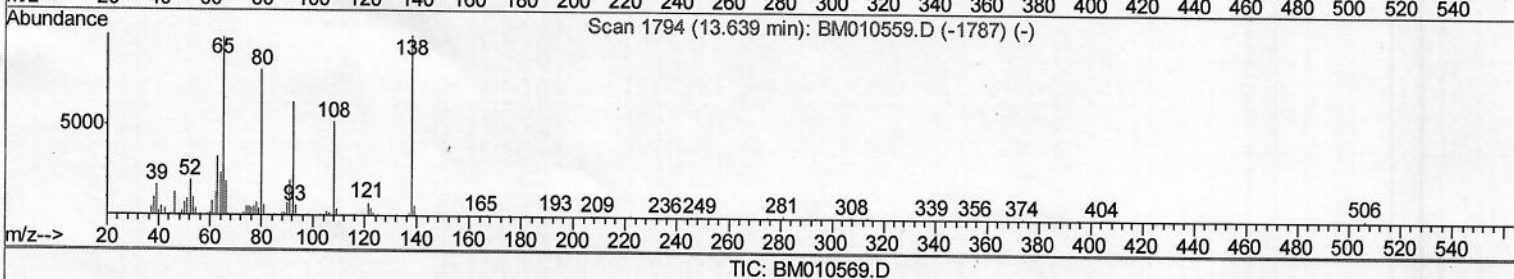
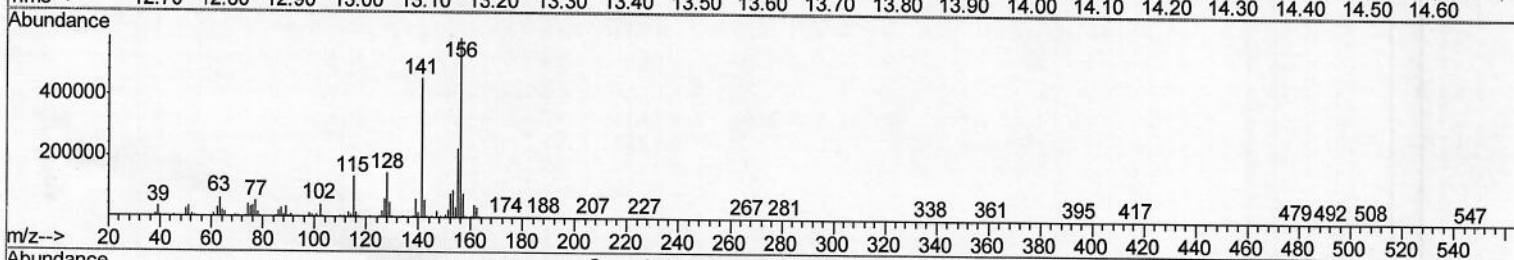
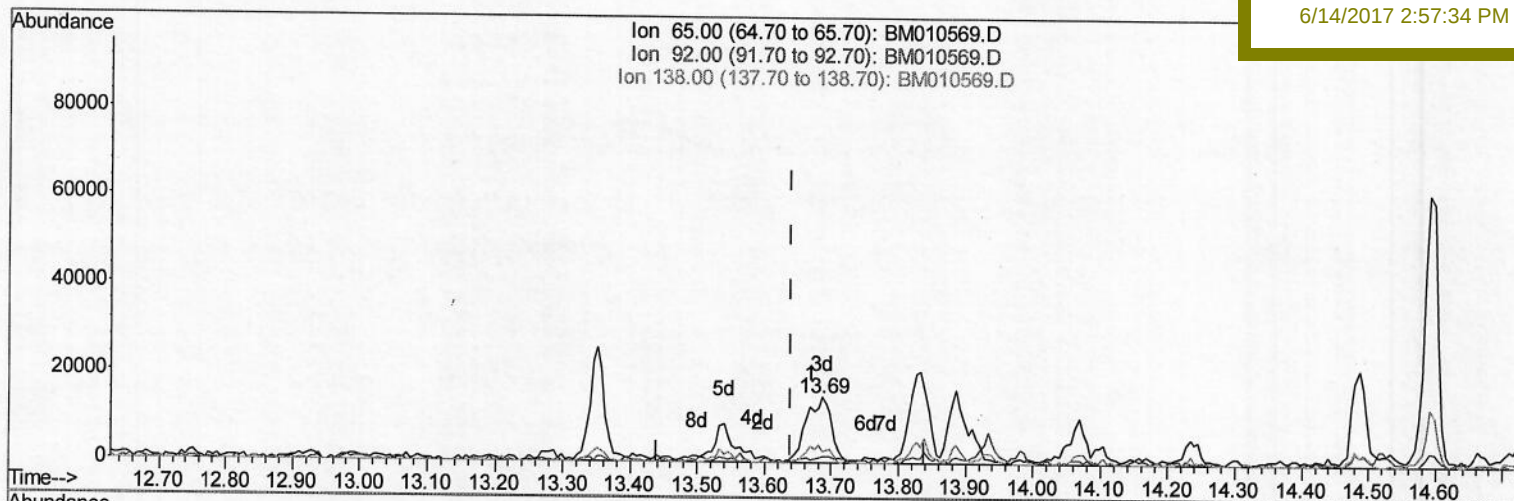
Data Path : Z:\HPCHEM1\BNA M\Data\BM061317\
 Data File : BM010569.D
 Acq On : 13 Jun 2017 20:32
 Operator : SJ/MA
 Sample : I3558-17 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 08:48:45 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 14 01:46:30 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F5D33

Manual Integrations
 APPROVED

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TIC: BM010569.D

(42) 2-Nitroaniline

13.686min (+0.047) 7.43ng/ul m

response 38167

Ion	Exp%	Act%
65.00	100	100
92.00	64.70	9.95#
138.00	92.80	17.75#
0.00	0.00	0.00

> 5.7
 06/28/17

Quantitation Report (Qedit)

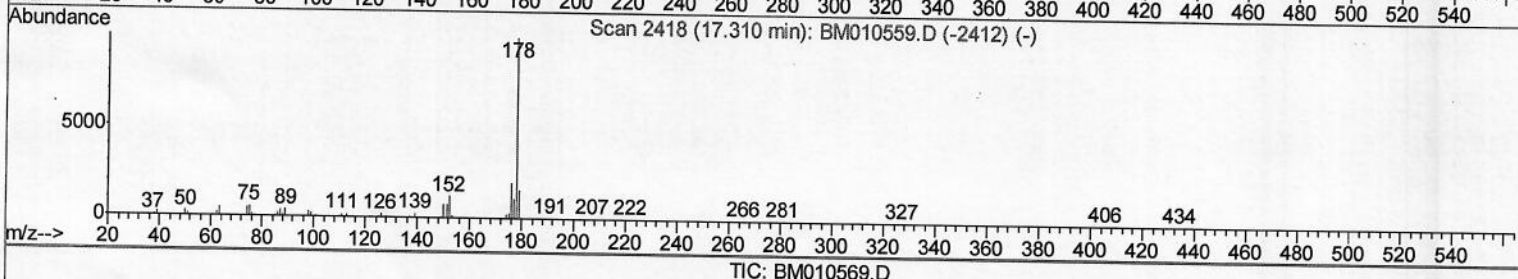
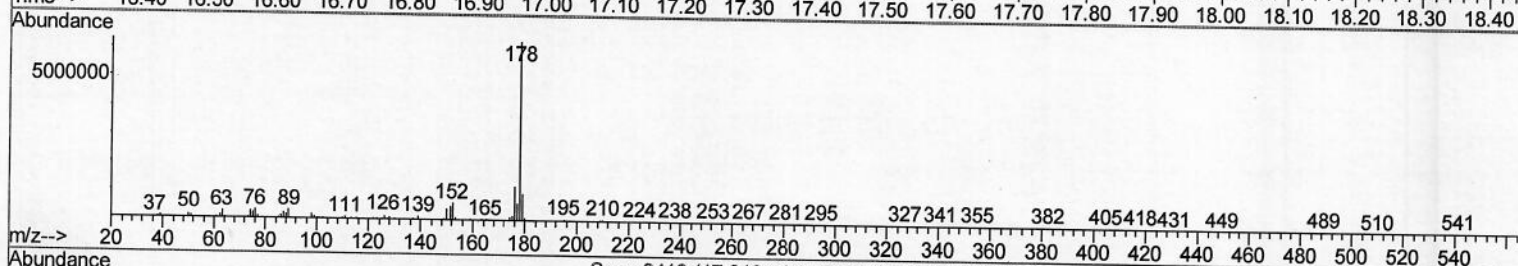
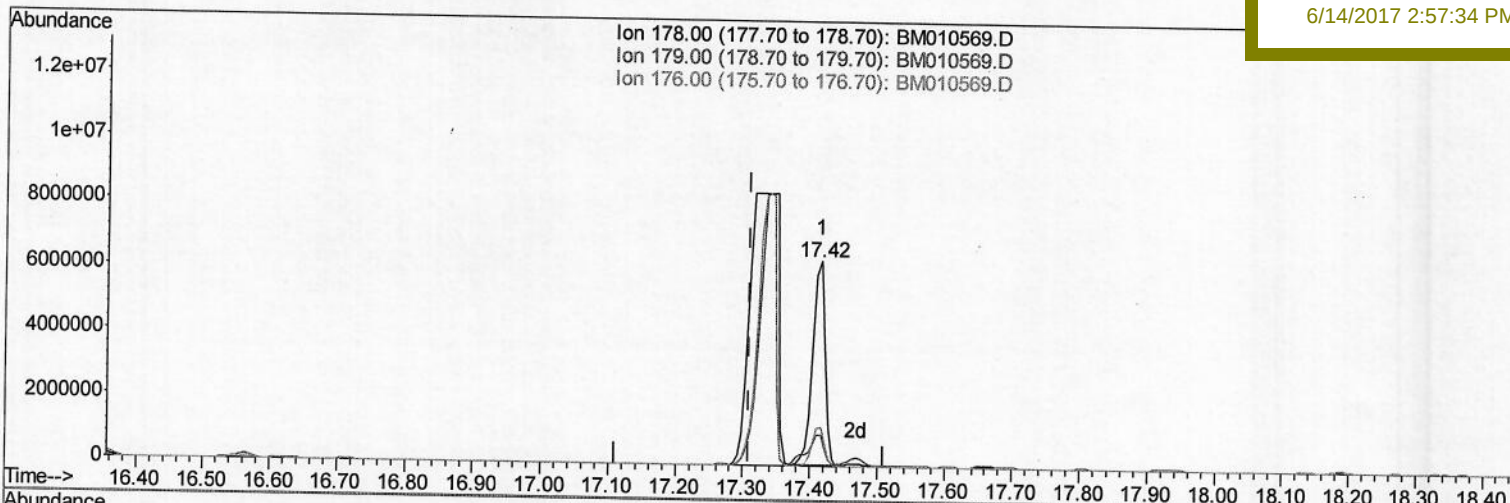
Data Path : Z:\HPCHEM1\BNA M\Data\BM061317\
 Data File : BM010569.D
 Acq On : 13 Jun 2017 20:32
 Operator : SJ/MA
 Sample : I3558-17 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 29 04:03:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 16 02:29:43 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F5D33

Manual Integrations
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TIC: BM010569.D

(69) Phenanthrene

17.415min (+0.106) 172.70ng/ul

response 8064232

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	15.22
176.00	18.60	18.93
0.00	0.00	0.00

Quantitation Report (Qedit)

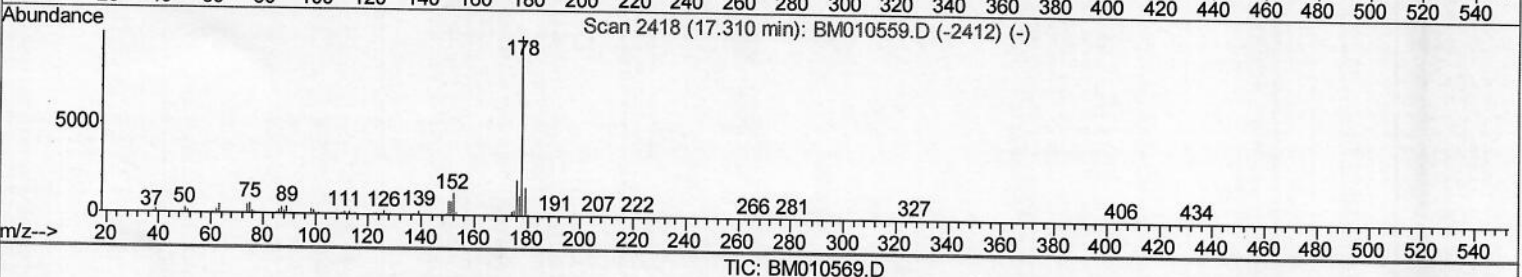
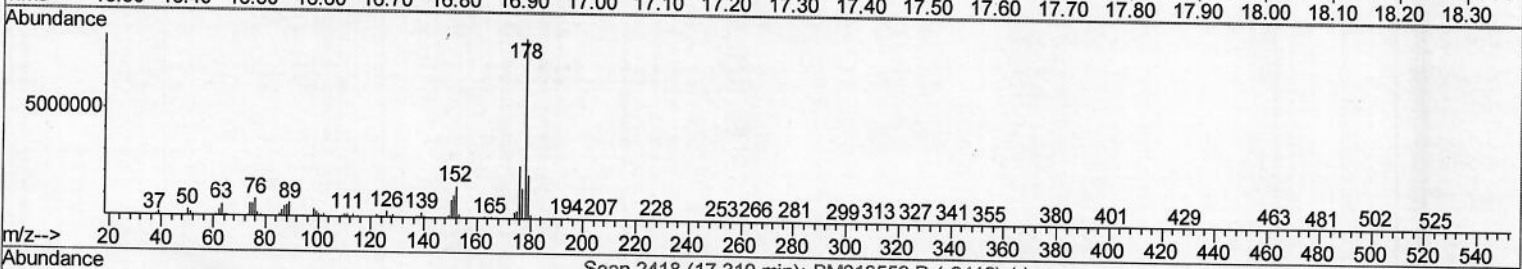
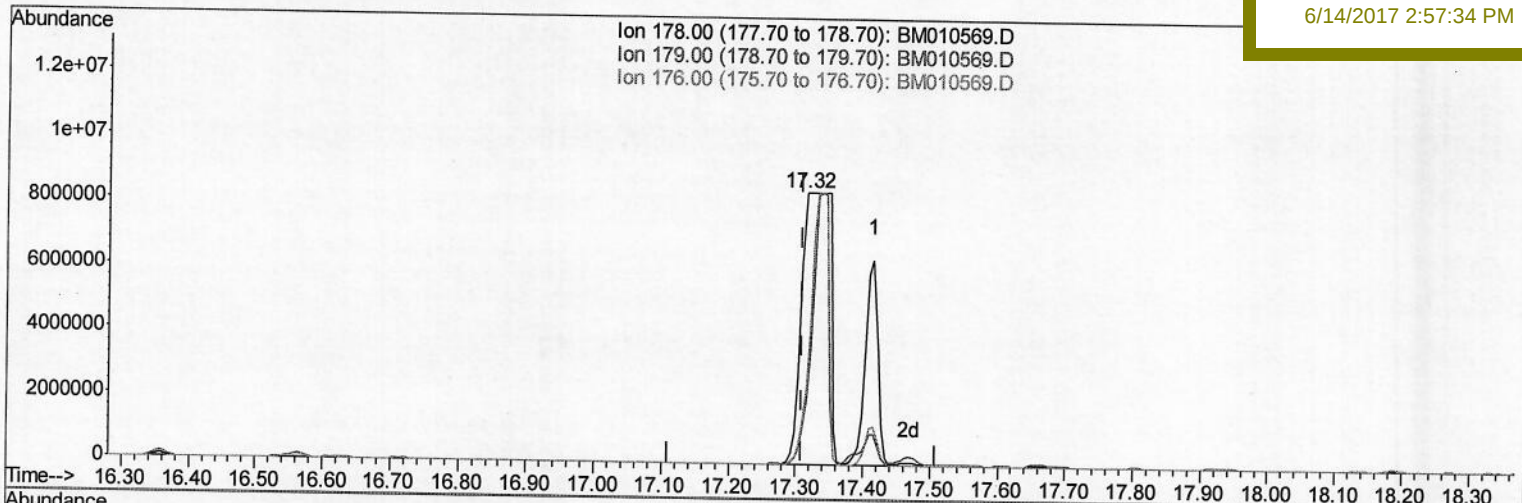
Data Path : Z:\HPCHEM1\BNA M\Data\BM061317\
 Data File : BM010569.D
 Acq On : 13 Jun 2017 20:32
 Operator : SJ/MA
 Sample : I3558-17 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 08:48:45 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 14 01:46:30 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F5D33

Manual Integrations
 APPROVED

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TIC: BM010569.D

(69) Phenanthrene

17.315min (+0.006) 529.25ng/ul m

response 24713796

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	23.66#
176.00	18.60	28.69#
0.00	0.00	0.00

5.5
 06/28/17

Quantitation Report (Qedit)

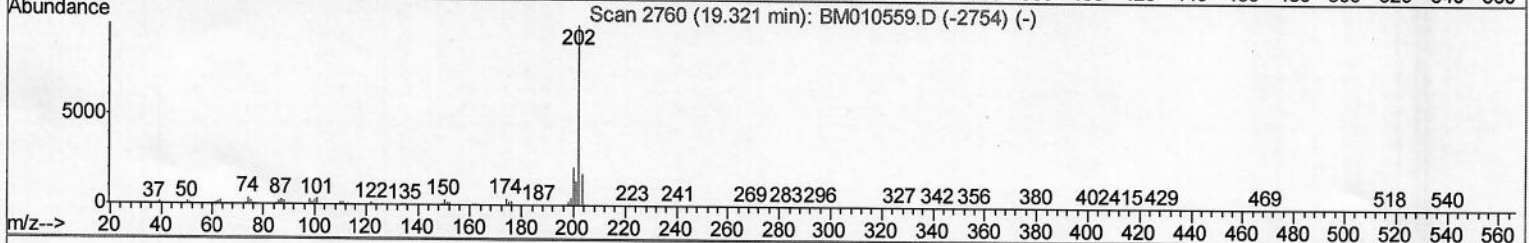
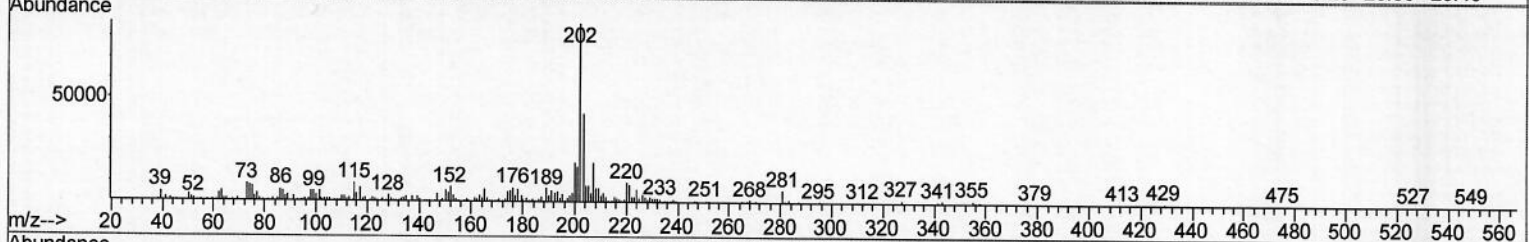
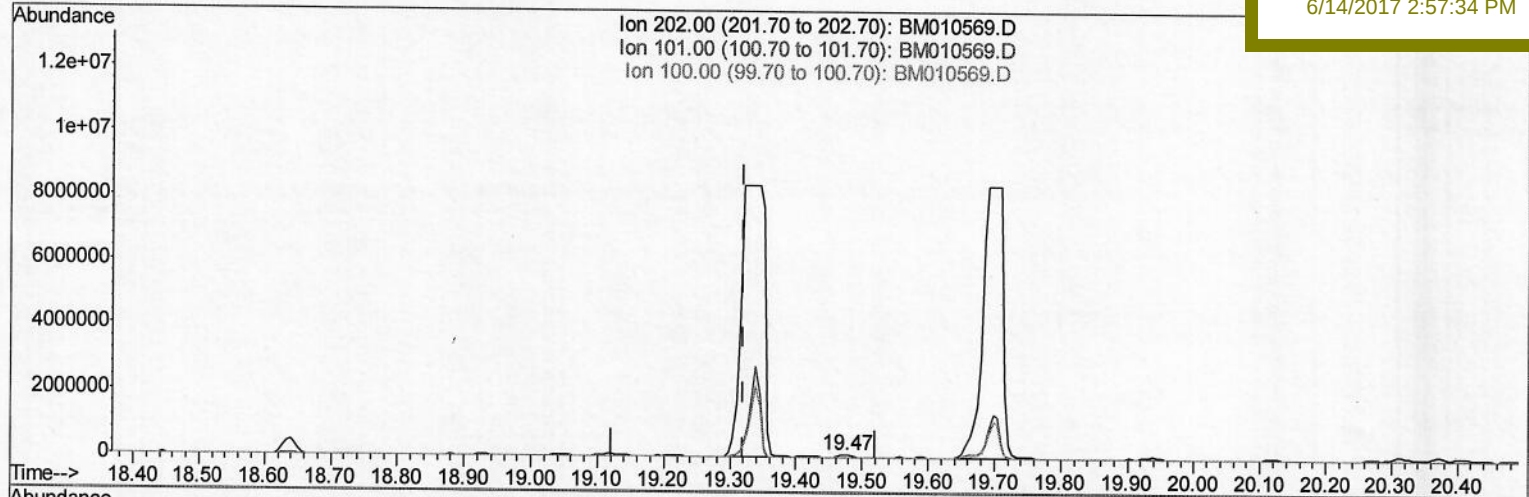
Data Path : Z:\HPCHEM1\BNA M\Data\BM061317\
 Data File : BM010569.D
 Acq On : 13 Jun 2017 20:32
 Operator : SJ/MA
 Sample : I3558-17 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 29 04:03:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 16 02:29:43 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F5D33

Manual Integrations
 APPROVED

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TIC: BM010569.D

(74) Fluoranthene (C)

19.474min (+0.153) 1.72ng/ul

response 98852

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	5.56
100.00	4.30	3.61
0.00	0.00	0.00

Quantitation Report (Qedit)

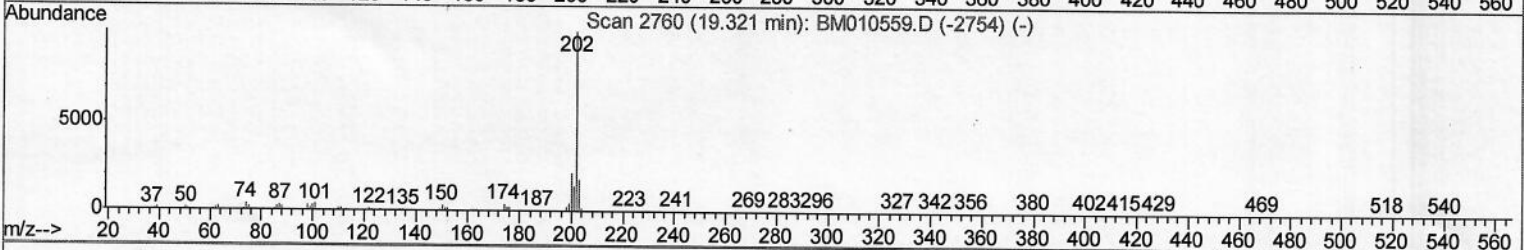
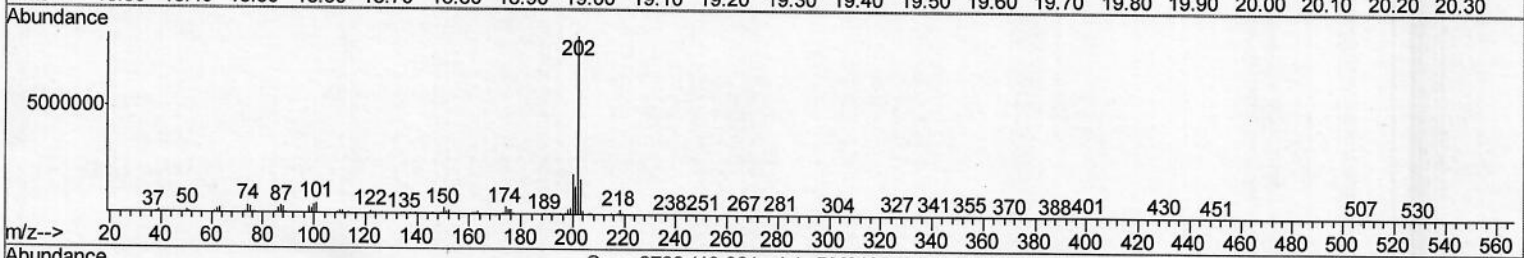
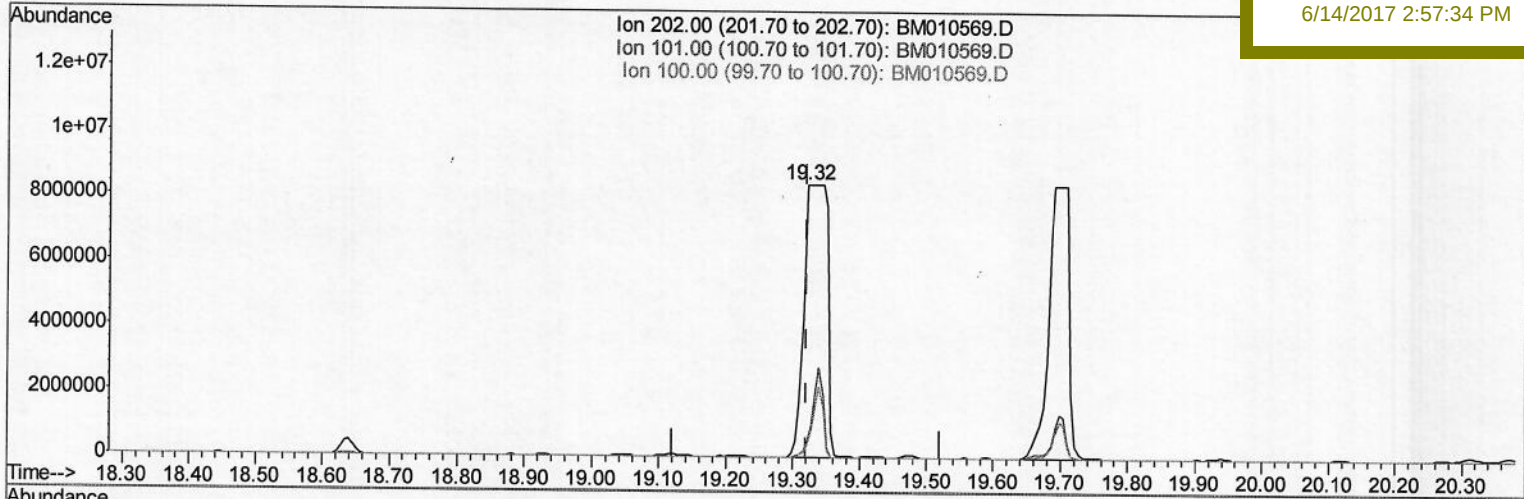
Data Path : Z:\HPCHEM1\BNA M\Data\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 08:48:45 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

Instrument :
BNA_M
Client Sample Id :
F5D33

Manual Integrations
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TIC: BM010569.D

(74) Fluoranthene (C)

19.321min (-0.000) 350.99ng/ul m

response 20154840

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	5.70
100.00	4.30	4.91
0.00	0.00	0.00

9.5
06/28/17

Quantitation Report (Qedit)

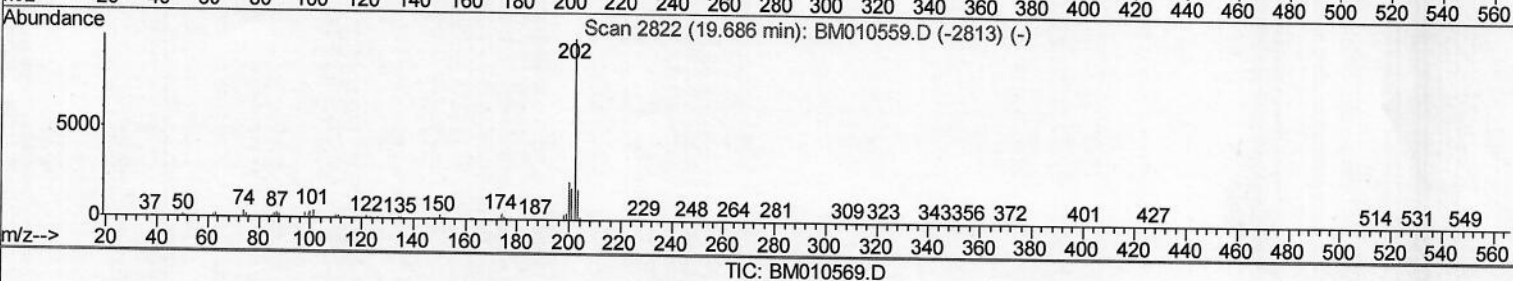
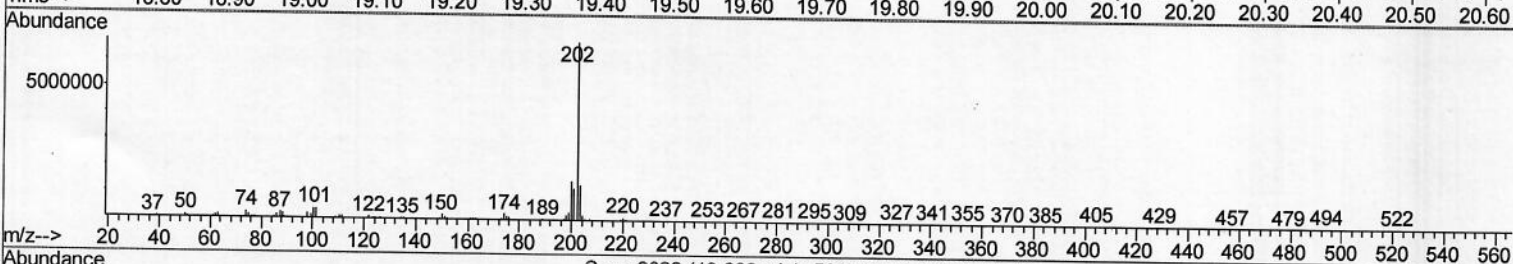
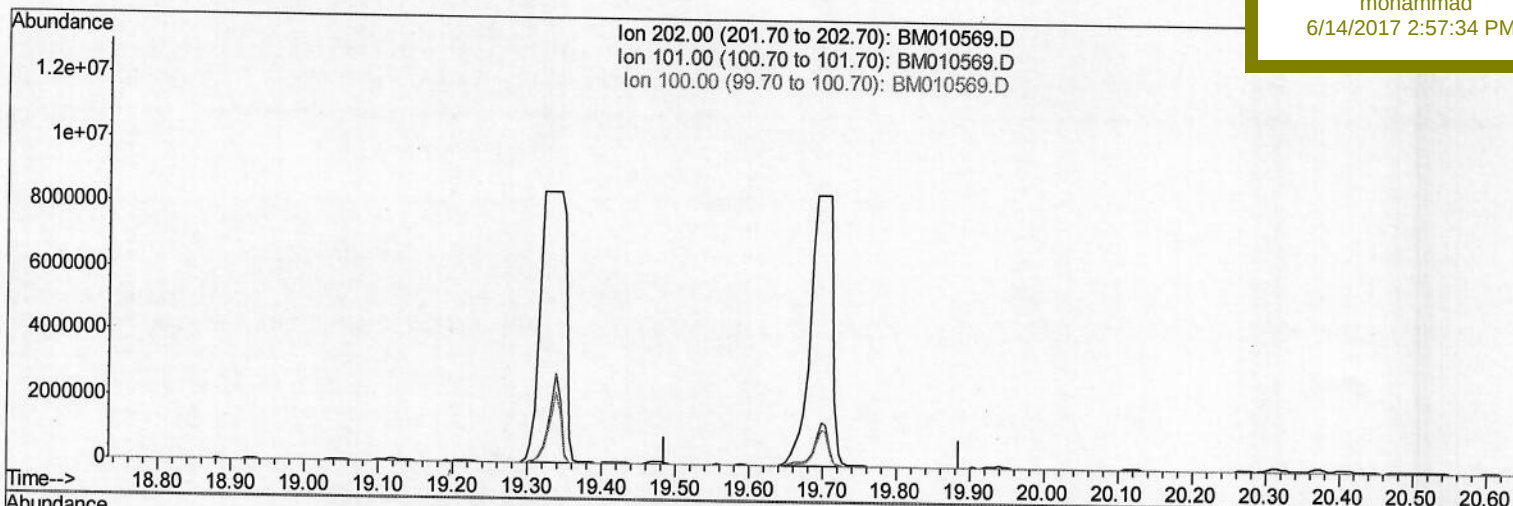
Data Path : Z:\HPCHEM1\BNA M\Data\BM061317\
 Data File : BM010569.D
 Acq On : 13 Jun 2017 20:32
 Operator : SJ/MA
 Sample : I3558-17 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 29 04:03:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 16 02:29:43 2017
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Instrument :
 BNA_M
 ClientSampleId :
 F5D33

Manual Integrations
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(77) Pyrene

19.686min (-19.686) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	6.40	0.00#
100.00	6.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

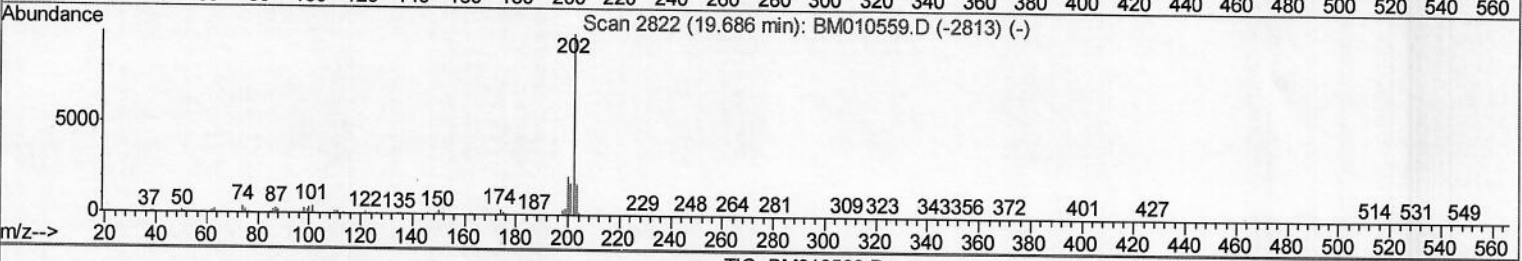
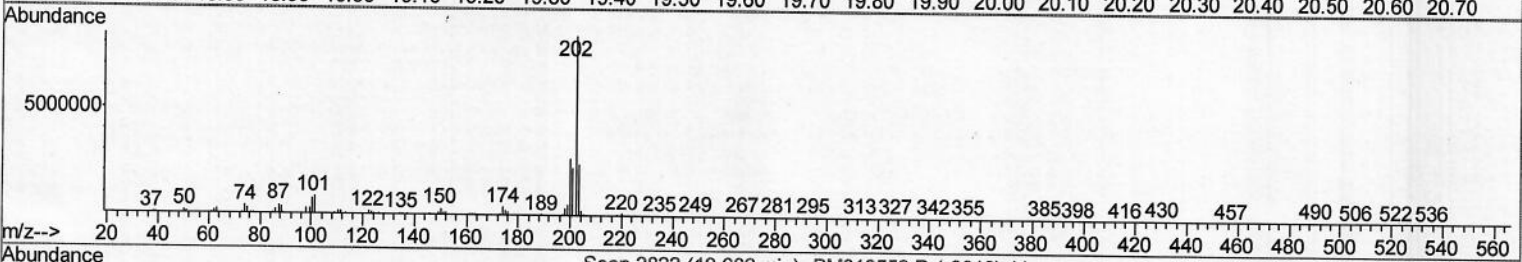
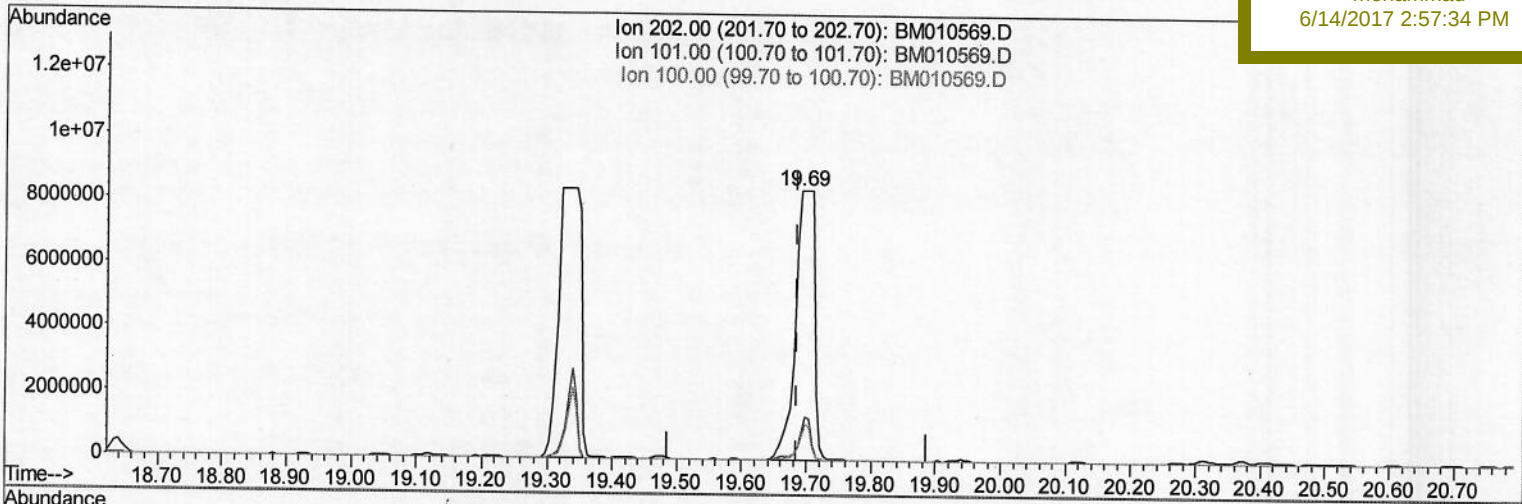
Data Path : Z:\HPCHEM1\BNA M\Data\BM061317\
 Data File : BM010569.D
 Acq On : 13 Jun 2017 20:32
 Operator : SJ/MA
 Sample : I3558-17 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 08:48:45 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 14 01:46:30 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 Client Sample Id :
 F5D33

Manual Integrations
 APPROVED

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(77) Pyrene

19.692min (+0.006) 237.37ng/ul m

response 17585017

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	10.02#
100.00	6.10	8.66#
0.00	0.00	0.00

> 5.7
 06/28/17

Quantitation Report (Qedit)

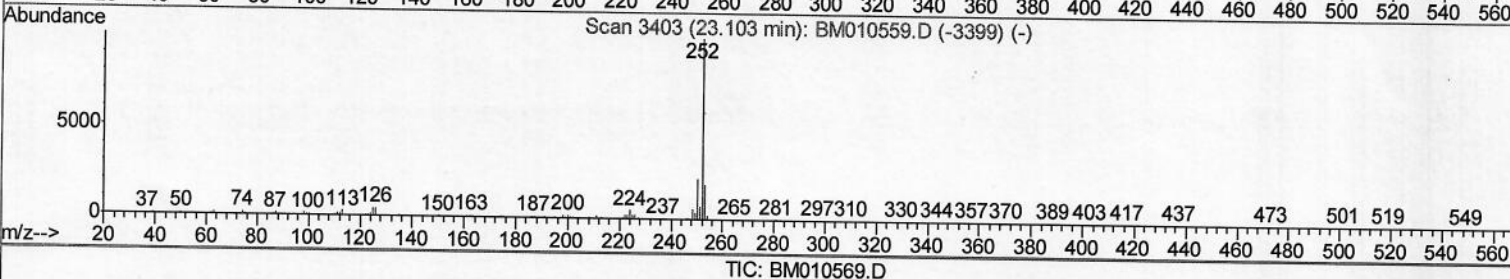
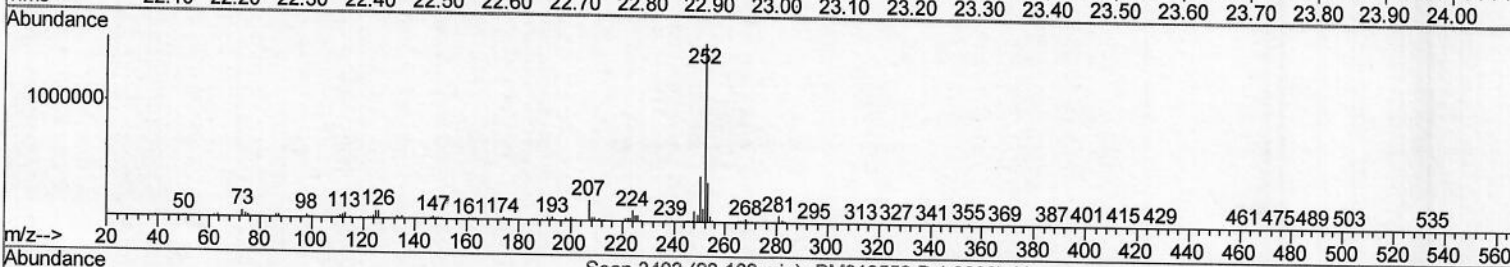
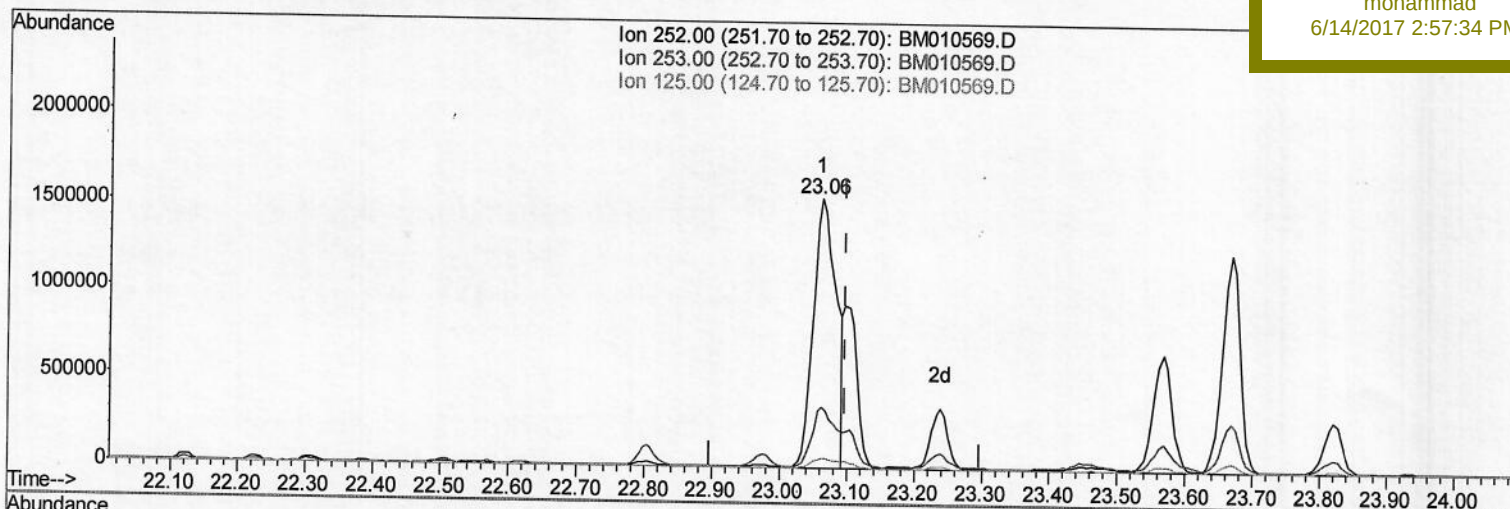
Data Path : Z:\HPCHEM1\BNA M\Data\BM061317\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 16 02:29:43 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F5D33

Manual Integrations
 APPROVED

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 6/14/2017 2:57:34 PM



(86) Benzo(k)fluoranthene
 23.062min (-0.035) 52.67ng/ul
 response 3635119

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.14
125.00	4.30	3.88
0.00	0.00	0.00

TIC: BM010569.D

Quantitation Report (Qedit)

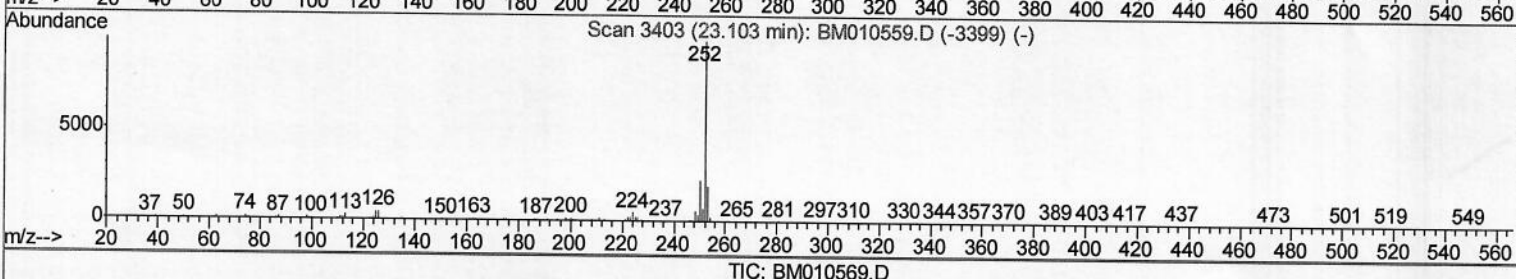
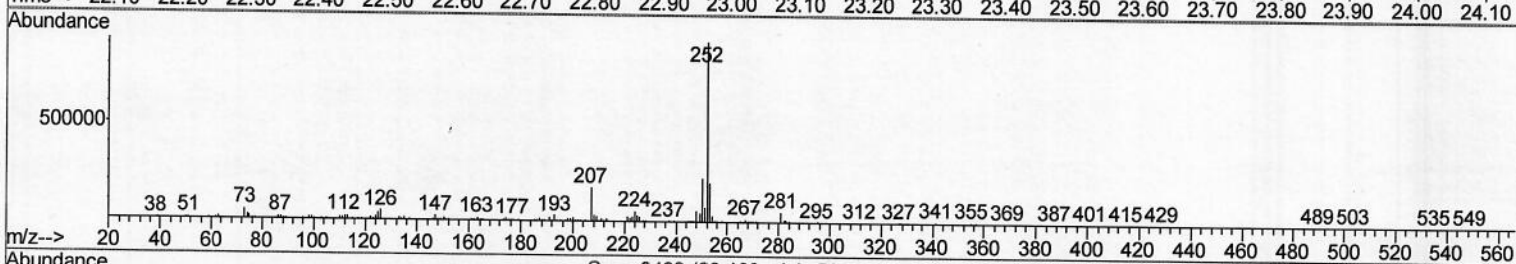
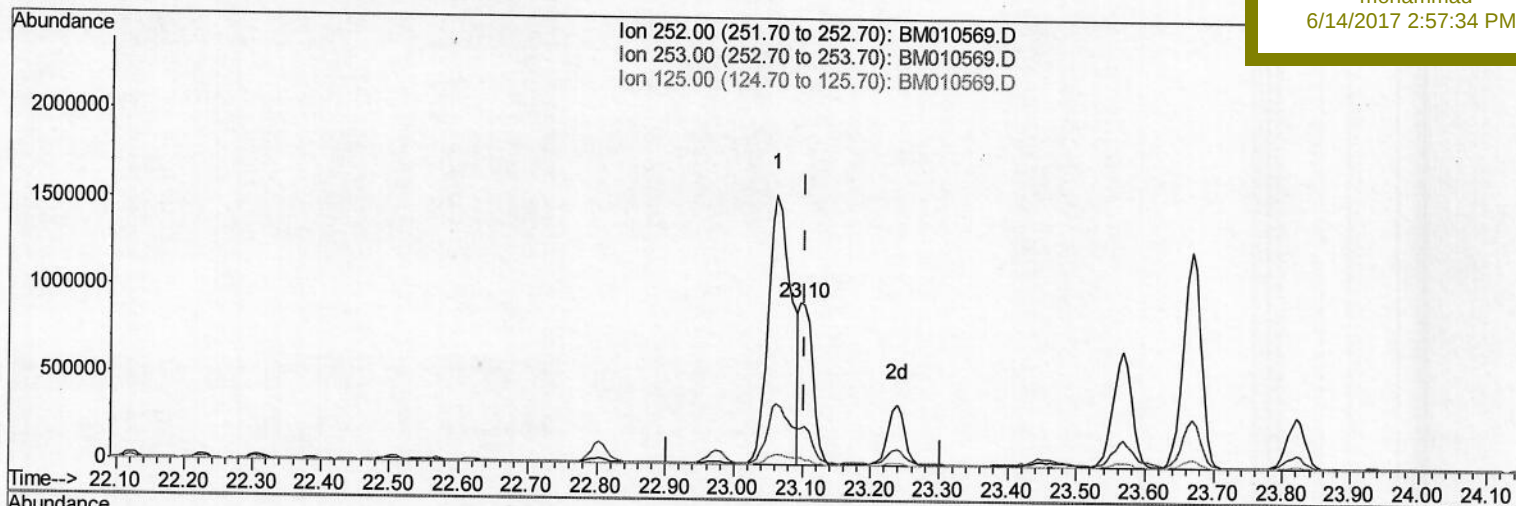
Data Path : Z:\HPCHEM1\BNA M\Data\BM061317\
Data File : BM010569.D
Acq On : 13 Jun 2017 20:32
Operator : SJ/MA
Sample : I3558-17 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 08:48:45 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
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Manual Integrations
APPROVED

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(86) Benzo(k)fluoranthene

23.097min (-0.006) 18.40ng/ul m

response 1269823

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.07
125.00	4.30	4.24
0.00	0.00	0.00

25.9
06/28/17

Quantitation Report (Qedit)

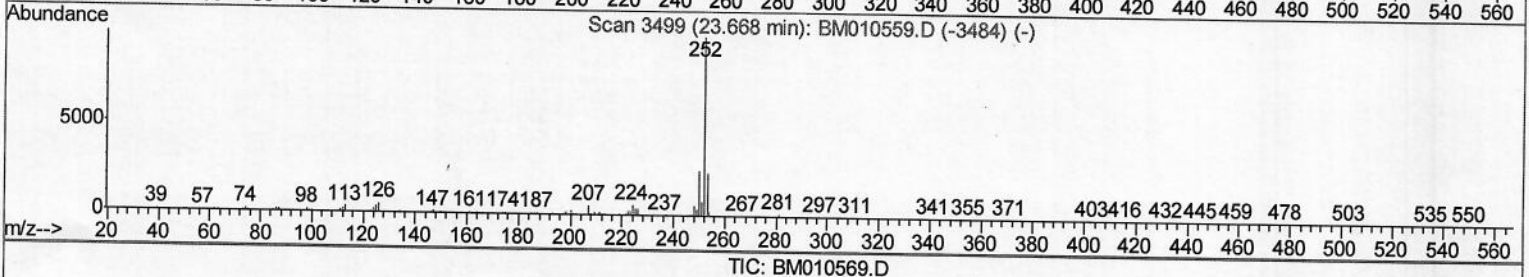
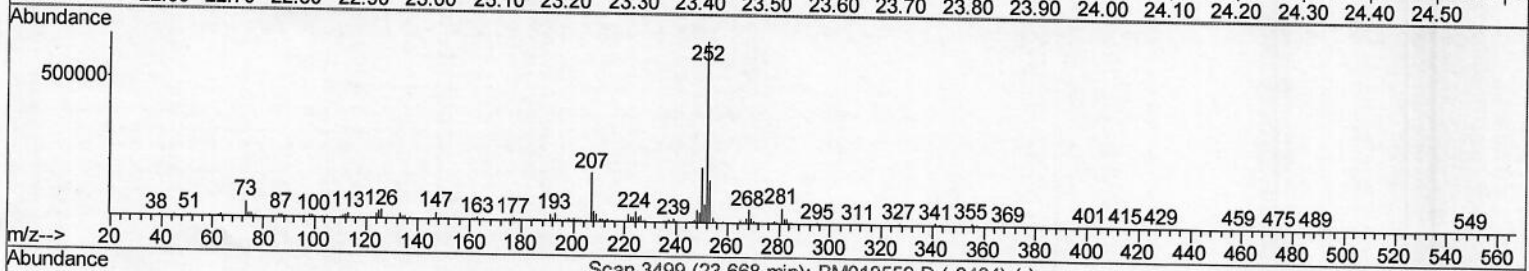
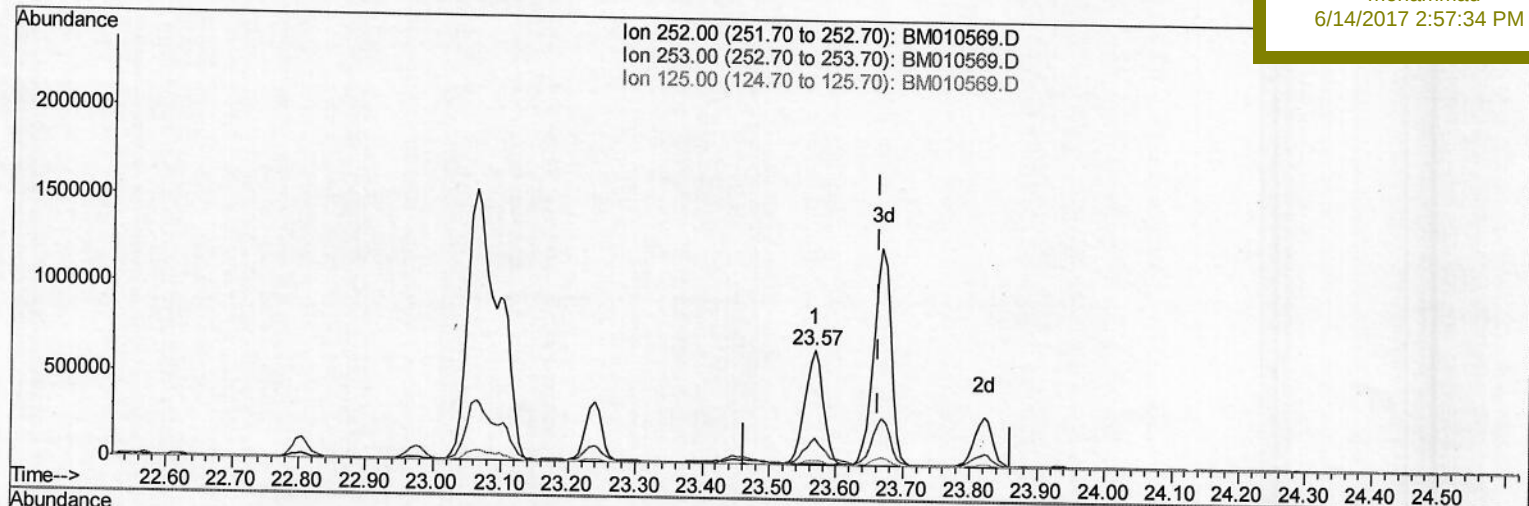
Data Path : Z:\HPCHEM1\BNA M\Data\BM061317\
 Data File : BM010569.D
 Acq On : 13 Jun 2017 20:32
 Operator : SJ/MA
 Sample : I3558-17 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 29 04:03:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 16 02:29:43 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F5D33

Manual Integrations
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TIC: BM010569.D

(88) Benzo(a)pyrene (C)

23.568min (-0.094) 17.34ng/ul

response 1241834

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	23.32
125.00	5.00	4.22
0.00	0.00	0.00

Quantitation Report (Qedit)

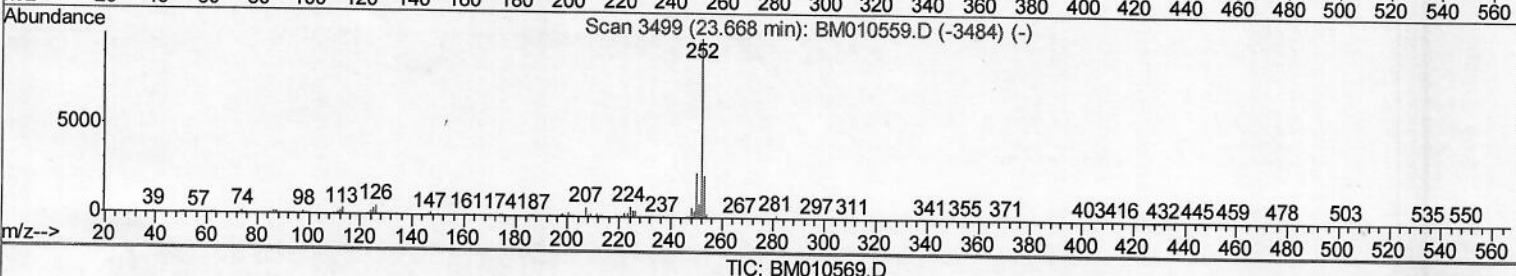
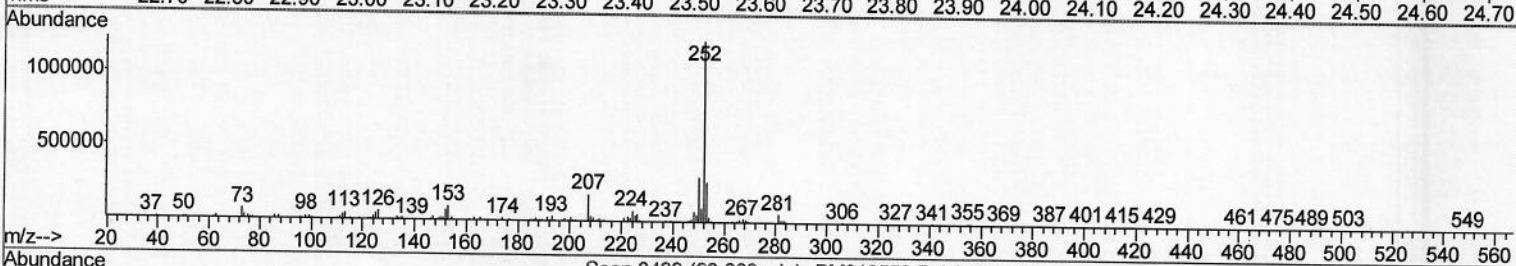
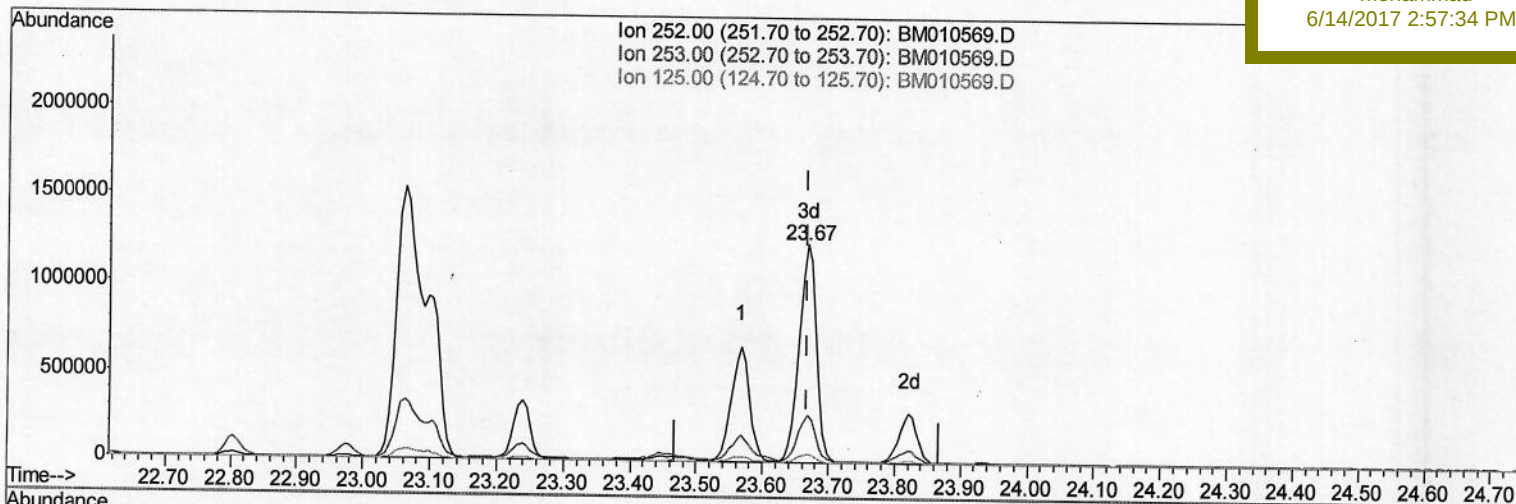
Data Path : Z:\HPCHEM1\BNA M\Data\BM061317\
 Data File : BM010569.D
 Acq On : 13 Jun 2017 20:32
 Operator : SJ/MA
 Sample : I3558-17 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 14 08:48:45 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 14 01:46:30 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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TIC: BM010569.D

(88) Benzo(a)pyrene (C)

23.668min (-0.000) 31.60ng/ul m

response 2262478

Ion Exp% Act%

252.00 100 100

253.00 22.70 21.98

125.00 5.00 3.75#

0.00 0.00 0.00

> 6.9
 06/28/17

Data Path : Z:\HPCHEM1\BNA M\Data\BM061317\
 Data File : BM010569.D
 Acq On : 13 Jun 2017 20:32
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 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	123745	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	464131	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.52	164	316346	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	874691	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1437662	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1241478	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/ul	
5) Phenol-d5	7.07	99	10302m	1.10	ng/ul	0.01
7) Bis-(2-Chloroethyl) ether-d	7.23	67	6784	1.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	10329	1.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	8495	1.12	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	5139	1.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.78	143	4091	1.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	12436	1.54	ng/ul	0.01
29) 4-Chloroaniline-d4	10.85	131	55689	7.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	55033	2.09	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	53843	1.76	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.52	176	45770	1.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	8165	1.32	ng/ul	0.02
70) Anthracene-d10	17.37	188	74940	1.76	ng/ul	0.00
76) Pyrene-d10	19.66	212	110755	1.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	102720	1.78	ng/ul	0.00

Target Compounds

						Ovalue
8) Bis(2-Chloroethyl) ether	7.28	93	30736	4.61	ng/ul#	31
24) 2,4-Dimethylphenol	9.86	107	23876	2.46	ng/ul	93
28) Naphthalene	10.74	128	28894902m	1241.21	ng/ul	
34) 2-Methylnaphthalene	12.35	142	13776388	780.52	ng/ul	98
40) 1,1'-Biphenyl	13.35	154	2551632	99.43	ng/ul	99
42) 2-Nitroaniline	13.69	65	38167m	7.43	ng/ul	
47) Acenaphthylene	14.24	152	426247	14.23	ng/ul#	97
49) Acenaphthene	14.59	153	10709970	509.65	ng/ul	99
53) Dibenzofuran	14.93	168	11794593	379.57	ng/ul	88
58) Fluorene	15.57	166	12595048	494.14	ng/ul	97
69) Phenanthrene	17.32	178	24713796m	529.25	ng/ul	
71) Anthracene	17.42	178	8081464	165.78	ng/ul	98
72) Carbazole	17.69	167	4051513	98.19	ng/ul	99
74) Fluoranthene	19.32	202	20154840m	350.99	ng/ul	
77) Pyrene	19.69	202	17585017m	237.37	ng/ul	
80) Benzo(a)anthracene	21.43	228	7561113	93.26	ng/ul	97
82) Chrysene	21.48	228	5195559	70.89	ng/ul	94
85) Benzo(b)fluoranthene	23.06	252	3635119	50.32	ng/ul	99
86) Benzo(k)fluoranthene	23.10	252	1269823m	18.40	ng/ul	
88) Benzo(a)pyrene	23.67	252	2262478m	31.60	ng/ul	
89) Indeno(1,2,3-cd)pyrene	26.14	276	733491	8.11	ng/ul	98
90) Dibenzo(a,h)anthracene	26.14	278	210781	2.71	ng/ul#	79
91) Benzo(g,h,i)perylene	26.88	276	455490	6.11	ng/ul#	94

S.J
 6/28/17

S.J
 6/28/17

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\Data\BM061317\
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Manual Integrations

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