

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM121317\
 Data File : BM013384.D
 Acq On : 13 Dec 2017 21:22
 Operator : SJ/JU
 Sample : I6759-11ME
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 14 01:21:15 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 14 01:15:39 2017
 Response via : Initial Calibration

Instrument :

BNA_M

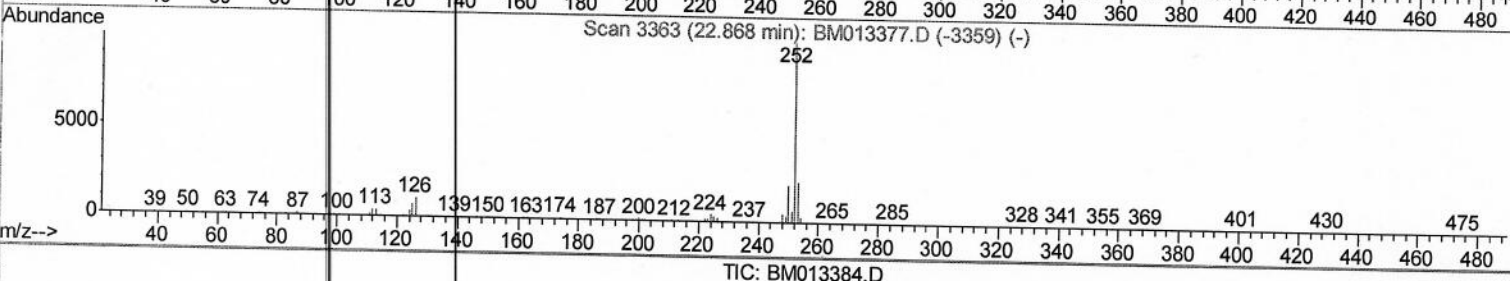
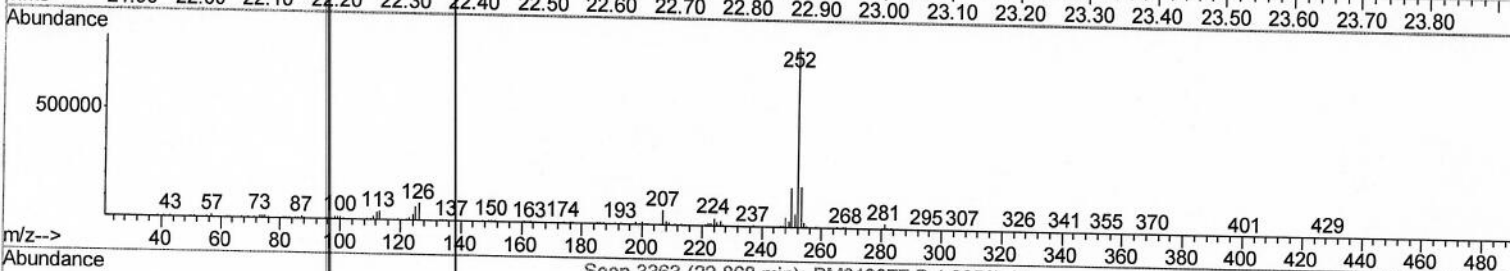
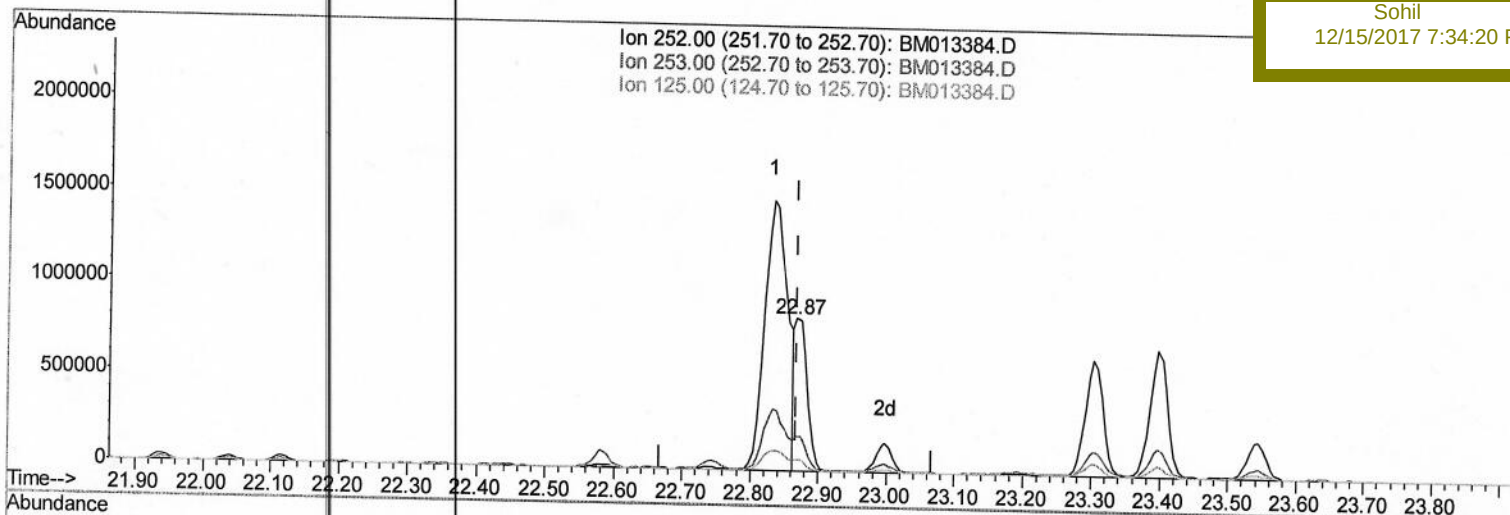
ClientSampleId :

F9A19ME

Manual Integrations
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TIC: BM013384.D

(86) Benzo(k)fluoranthene

22.868min (+0.000) 12.86ng/ul m

response 995328

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.77
125.00	4.30	7.36#
0.00	0.00	0.00

JU 12/14/17

Quantitation Report (Qedit)

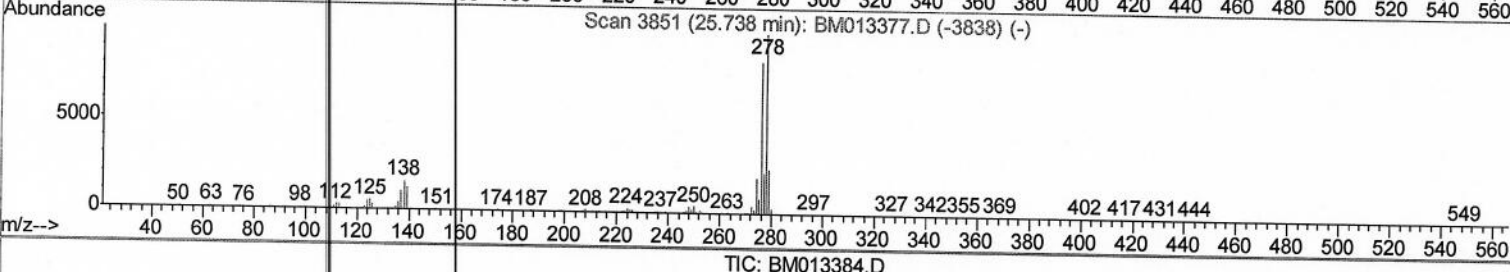
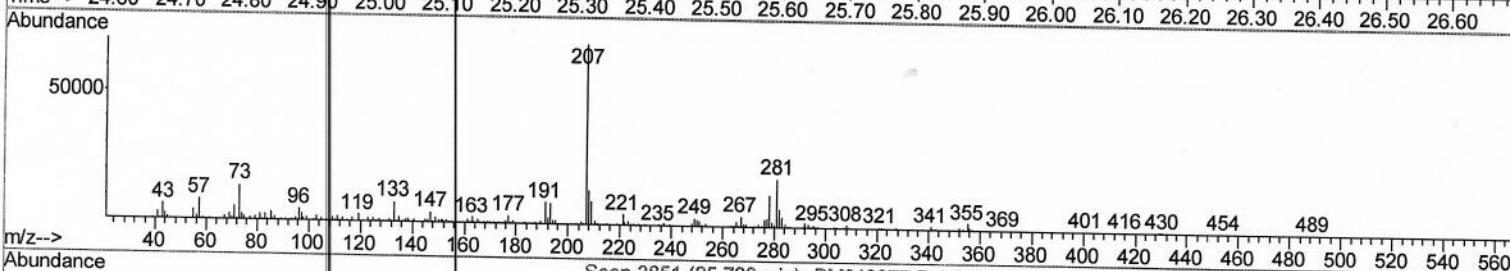
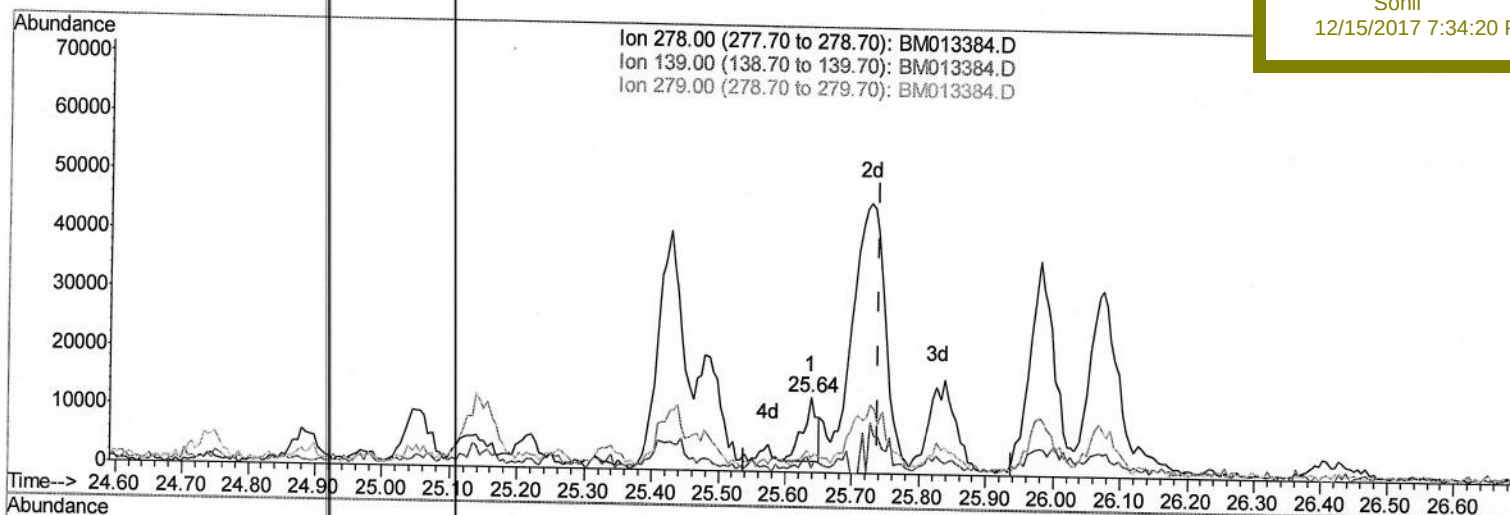
Data Path : Z:\HPCHEM1\BNA M\Data\BM121317\
 Data File : BM013384.D
 Acq On : 13 Dec 2017 21:22
 Operator : SJ/JU
 Sample : I6759-11ME
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 14 01:21:15 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVQA CALIBRATION
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 BNA_M
 ClientSampleId :
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(90) Dibenzo(a,h)anthracene

25.638min (-0.100) 0.26ng/ul

response 16519

Ion	Exp%	Act%
278.00	100	100
139.00	7.30	6.38
279.00	23.20	18.99
0.00	0.00	0.00

Quantitation Report (Qedit)

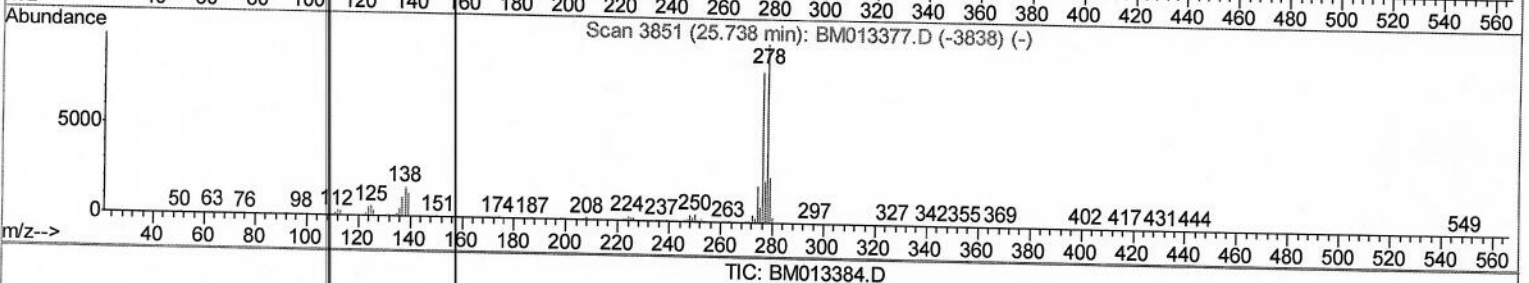
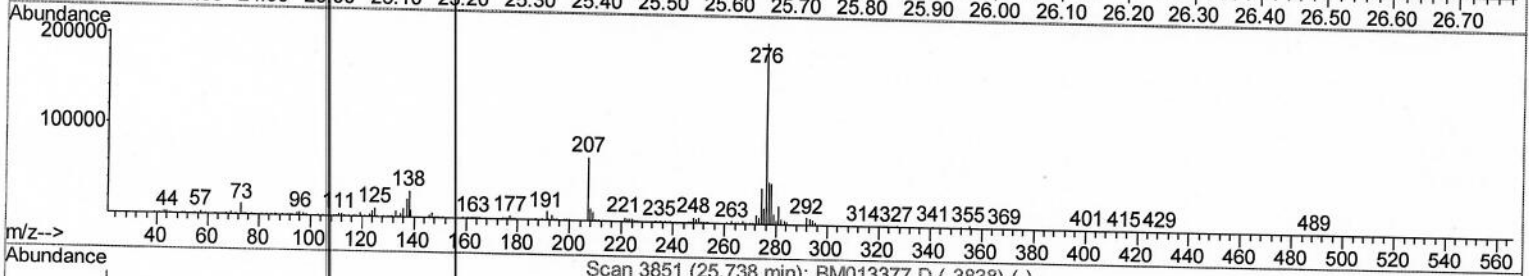
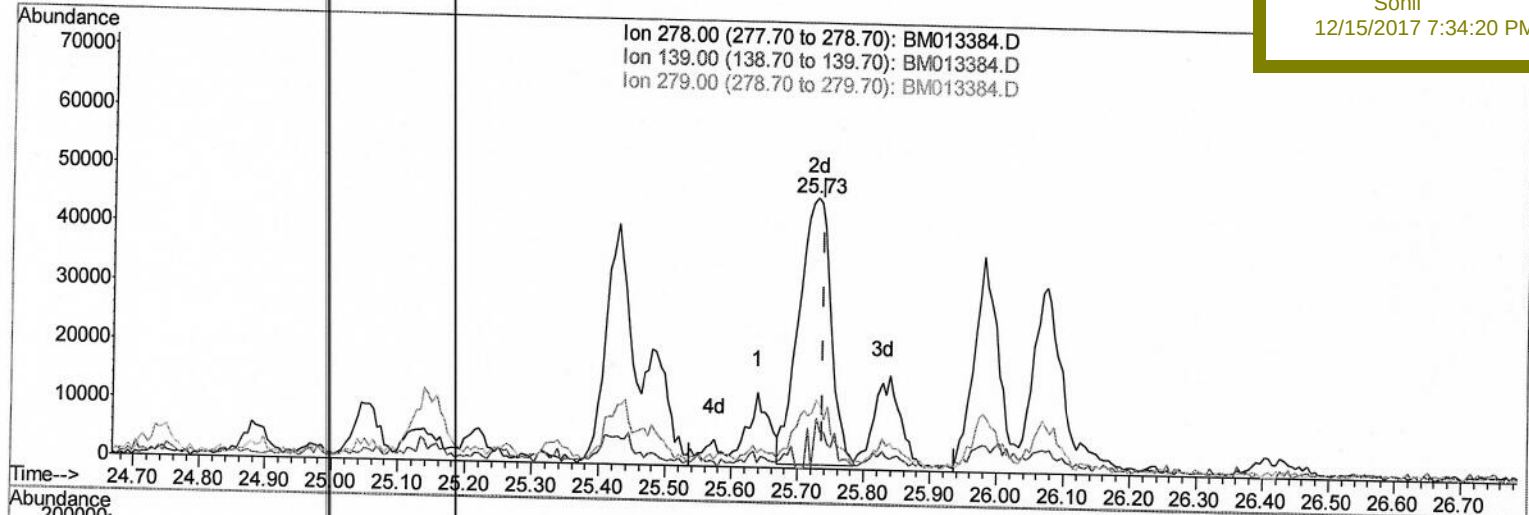
Data Path : Z:\HPCHEM1\BNA M\Data\BM121317\
 Data File : BM013384.D
 Acq On : 13 Dec 2017 21:22
 Operator : SJ/JU
 Sample : I6759-11ME
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 14 01:21:15 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 14 01:15:39 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 Client Sampled :
 F9A19ME

Manual Integrations
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(90) Dibenzo(a,h)anthracene
 25.727min (-0.012) 2.44ng/ul m
 response 152384
 Ion Exp% Act%
 278.00 100 100
 139.00 7.30 18.74#
 279.00 23.20 25.45
 0.00 0.00 0.00

SU 12/14/17

Quantitation Report (Qedit)

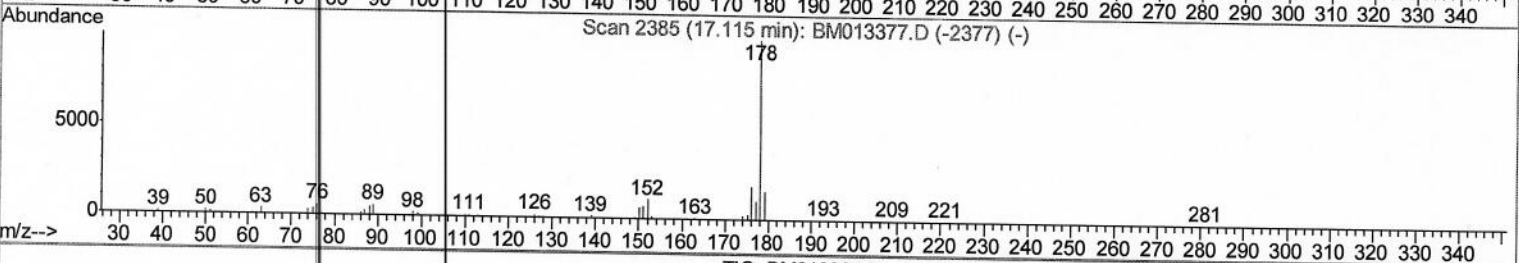
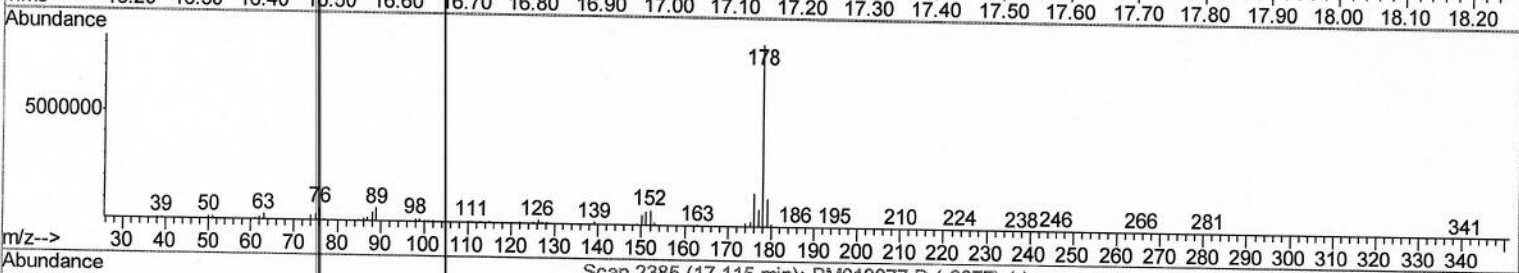
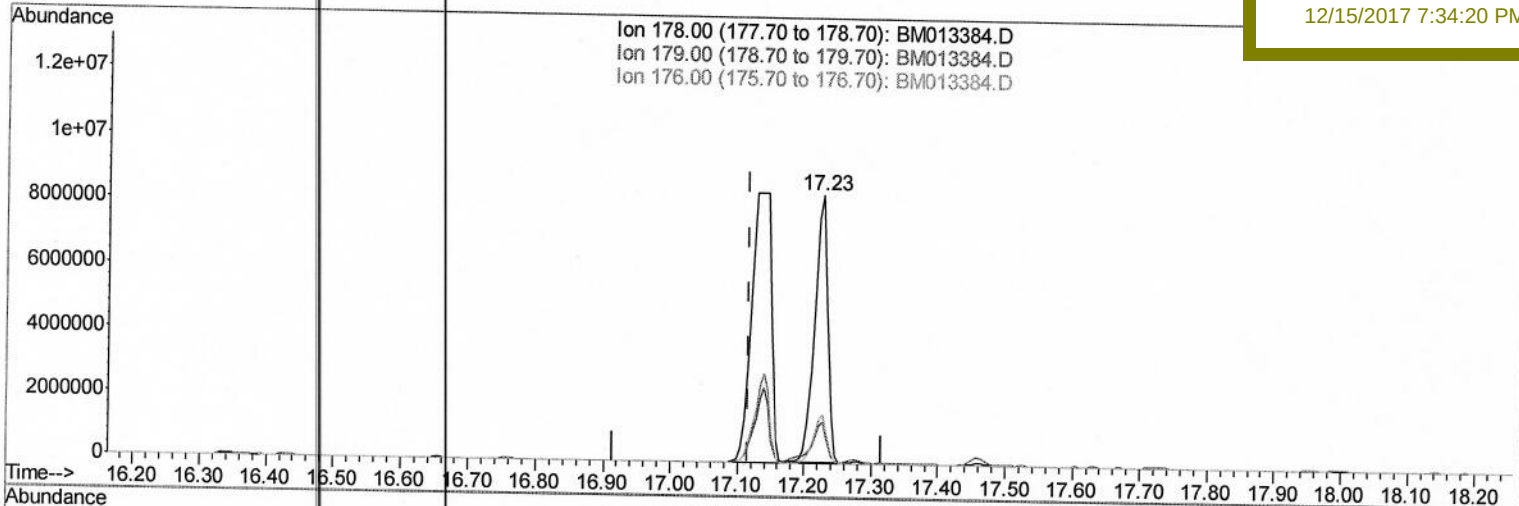
Data Path : Z:\HPCHEM1\BNA M\Data\BM121317\
 Data File : BM013384.D
 Acq On : 13 Dec 2017 21:22
 Operator : SJ/JU
 Sample : I6759-11ME
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 F9A19ME

Quant Time: Dec 14 01:21:15 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVDA CALIBRATION
 QLast Update : Thu Dec 14 01:15:39 2017
 Response via : Initial Calibration

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TIC: BM013384.D

(69) Phenanthrene
 17.227min (+0.112) 203.17ng/ul
 response 11512033

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	15.74
176.00	18.60	18.43
0.00	0.00	0.00

Quantitation Report (Qedit)

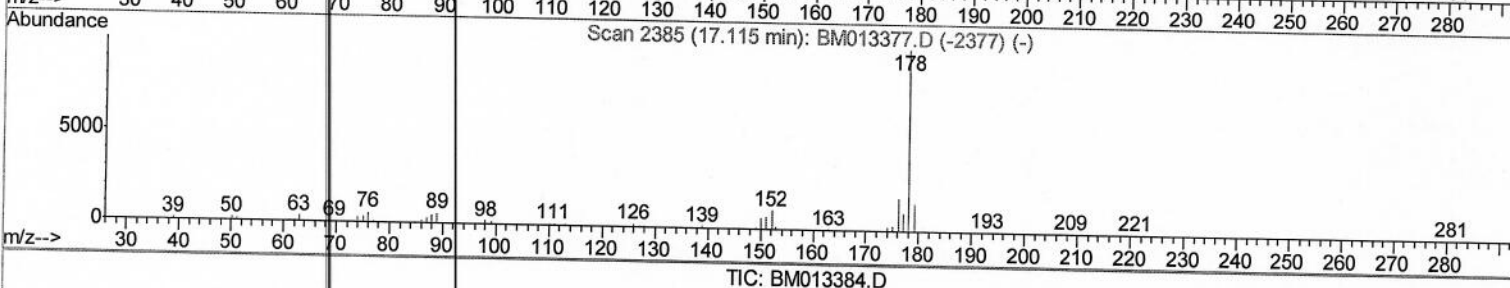
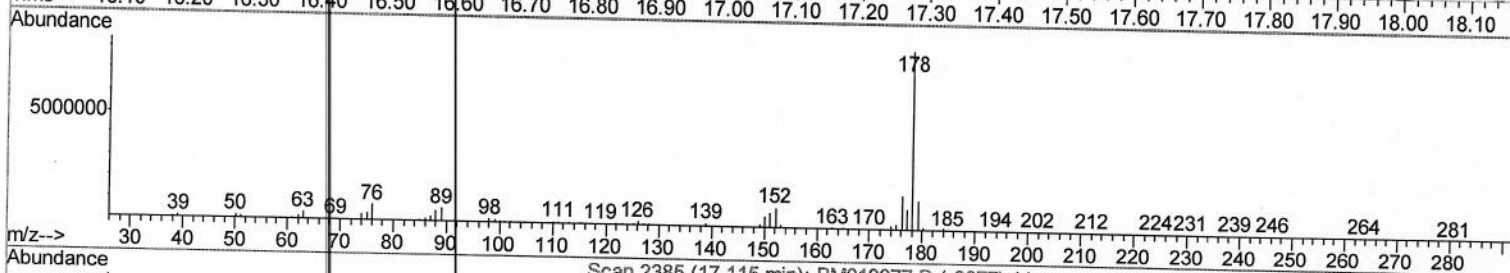
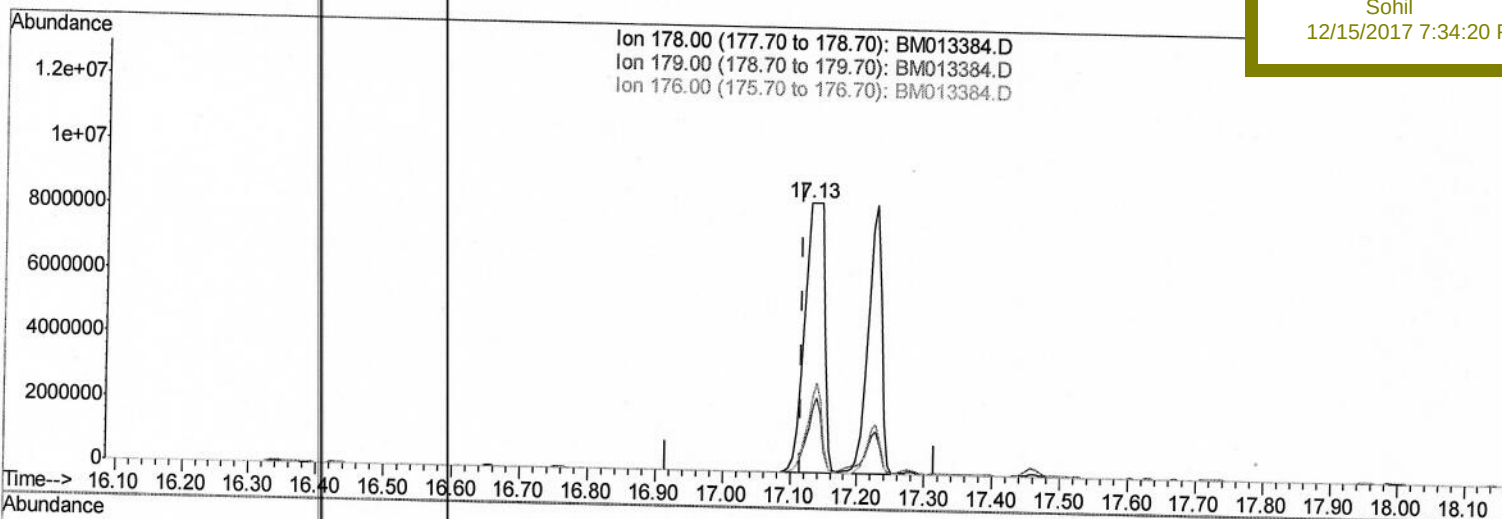
Data Path : Z:\HPCHEM1\BNA M\Data\BM121317\
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 Misc :
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TIC: BM013384.D

(69) Phenanthrene

17.127min (+0.012) 306.87ng/ul m

response 17387738

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	16.59
176.00	18.60	19.44
0.00	0.00	0.00

JV 12114 117

Quantitation Report (Qedit)

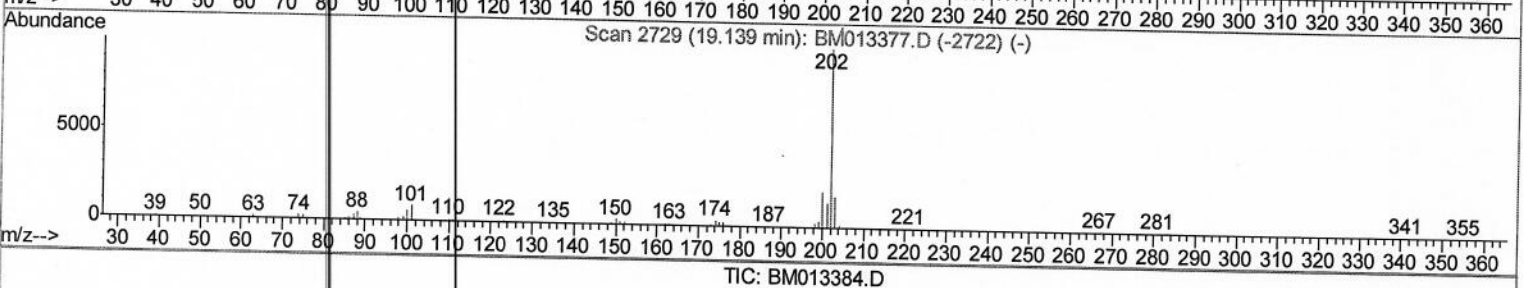
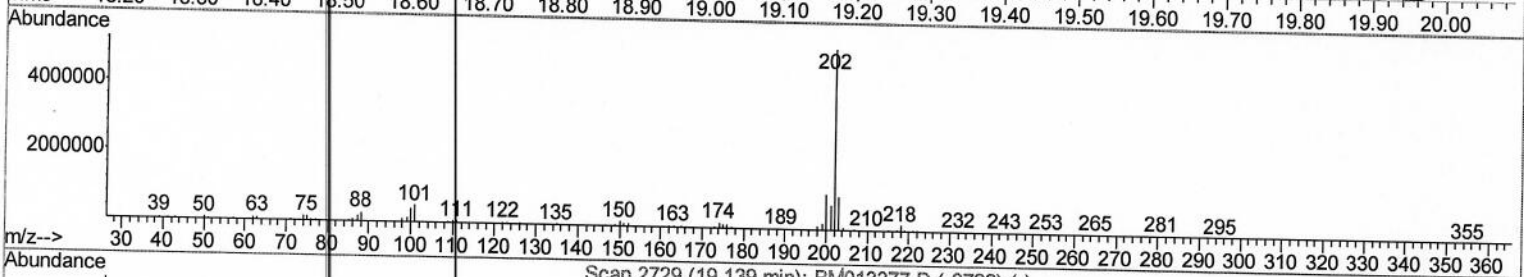
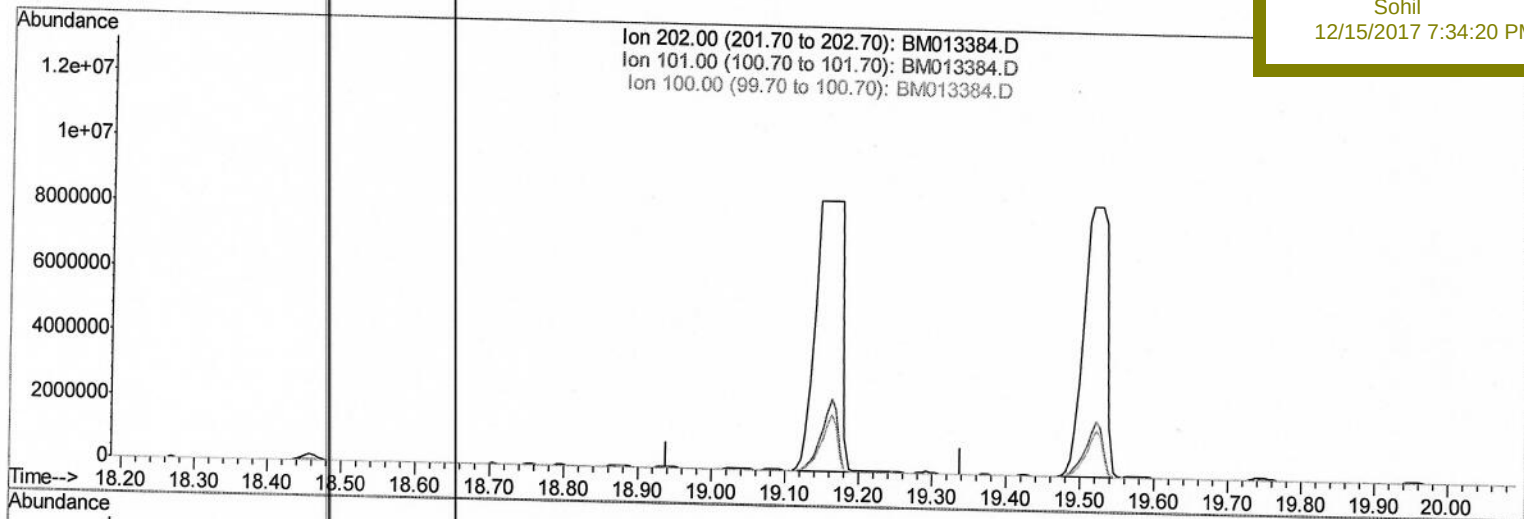
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(74) Fluoranthene (C)

19.139min (-19.139) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	5.80	0.00#
100.00	4.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

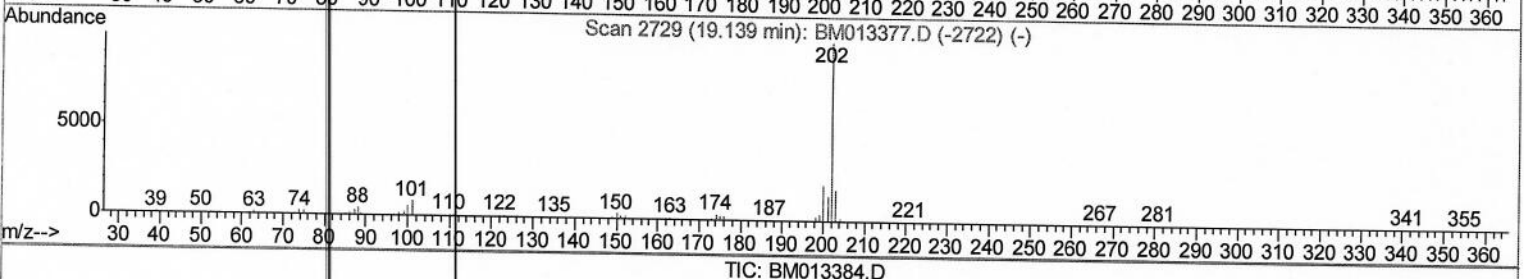
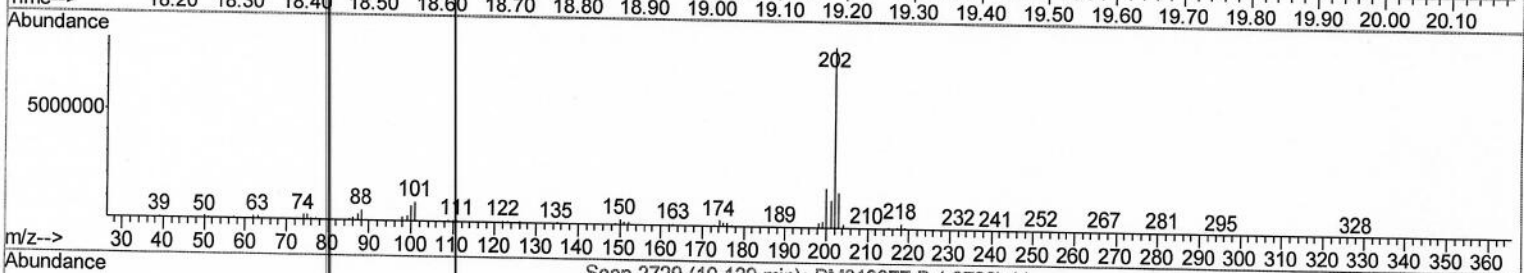
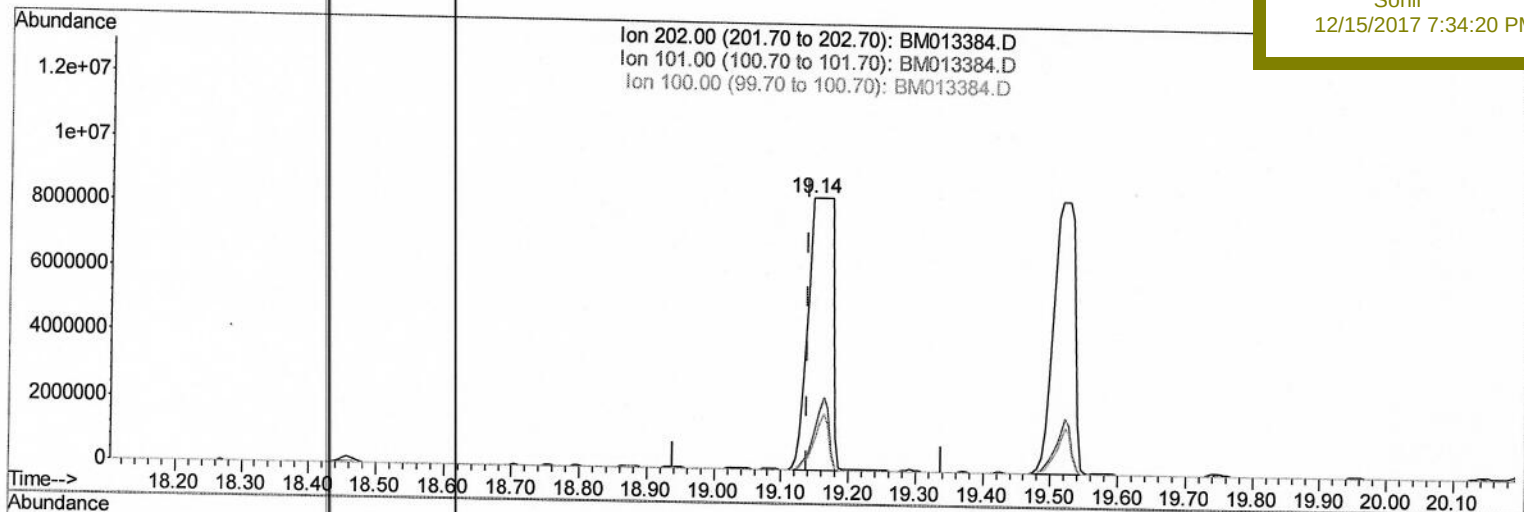
Data Path : Z:\HPCHEM1\BNA M\Data\BM121317\
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 Sample : I6759-11ME
 Misc :
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 BNA_M
 ClientSampleId :
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Manual Integrations
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TIC: BM013384.D

(74) Fluoranthene (C)

19.145min (+0.006) 310.14ng/ul m

response 21535468

Ion Exp% Act%

202.00 100 100

101.00 5.80 10.31#

100.00 4.30 8.15#

0.00 0.00 0.00

JU 12 114117

Quantitation Report (Qedit)

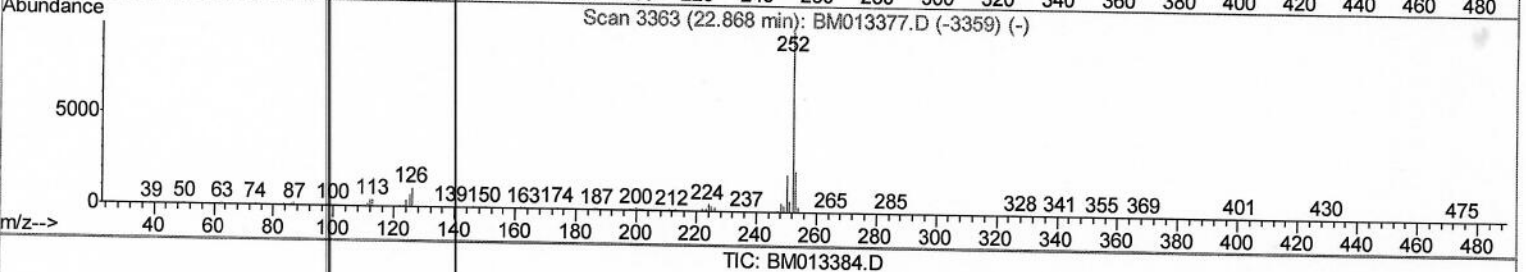
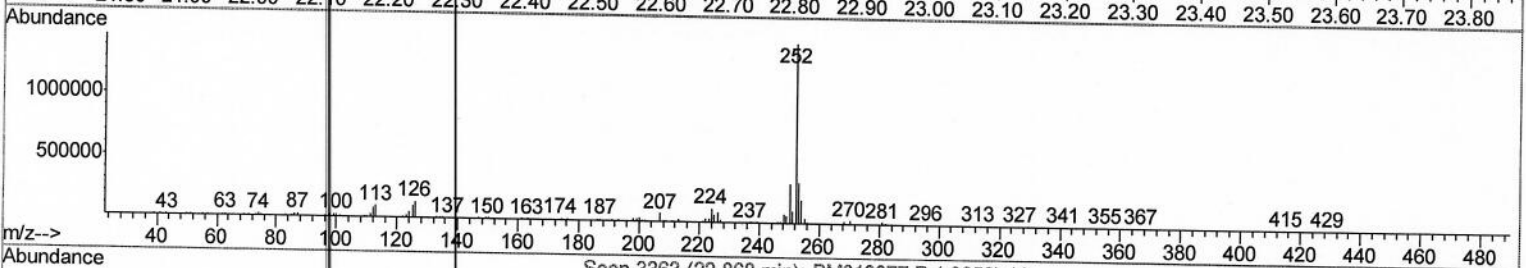
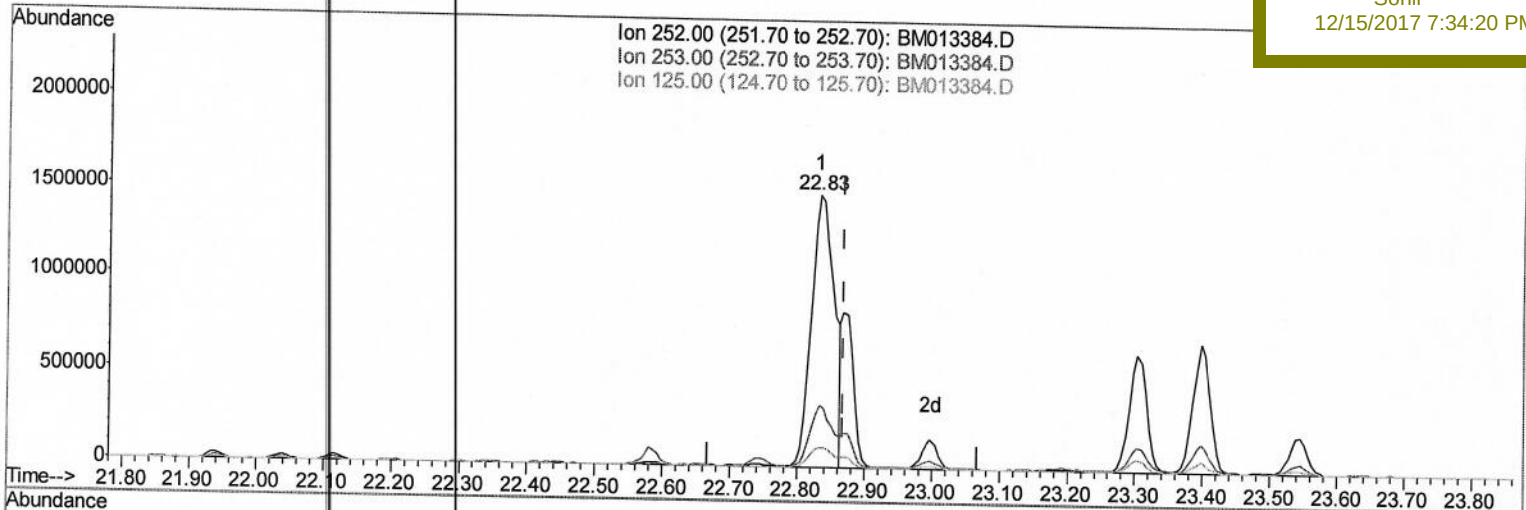
Data Path : Z:\HPCHEM1\BNA M\Data\BM121317\
 Data File : BM013384.D
 Acq On : 13 Dec 2017 21:22
 Operator : SJ/JU
 Sample : I6759-11ME
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 14 01:21:15 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVCA CALIBRATION
 QLast Update : Thu Dec 14 01:15:39 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 F9A19ME

Manual Integrations
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 12/15/2017 7:34:20 PM



TIC: BM013384.D

(86) Benzo(k)fluoranthene
 22.833min (-0.035) 45.13ng/ul
 response 3492054

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.71
125.00	4.30	7.22#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM121317\
Data File : BM013384.D
Acq On : 13 Dec 2017 21:22
Operator : SJ/JU
Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 14 03:33:09 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 14 01:15:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
90) Dibenzo(a,h)anthracene	25.73	278	152384m	2.442	ng/ul	
91) Benzo(g,h,i)perylene	26.40	276	323092	5.590	ng/ul#	94

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

Instrument :
BNA_M
ClientSampleId :
F9A19ME

Manual Integrations
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Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121317\
 Data File : BM013384.D
 Acq On : 13 Dec 2017 21:22
 Operator : SJ/JU
 Sample : I6759-11ME
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

F9A19ME

Quant Time: Dec 14 03:33:09 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

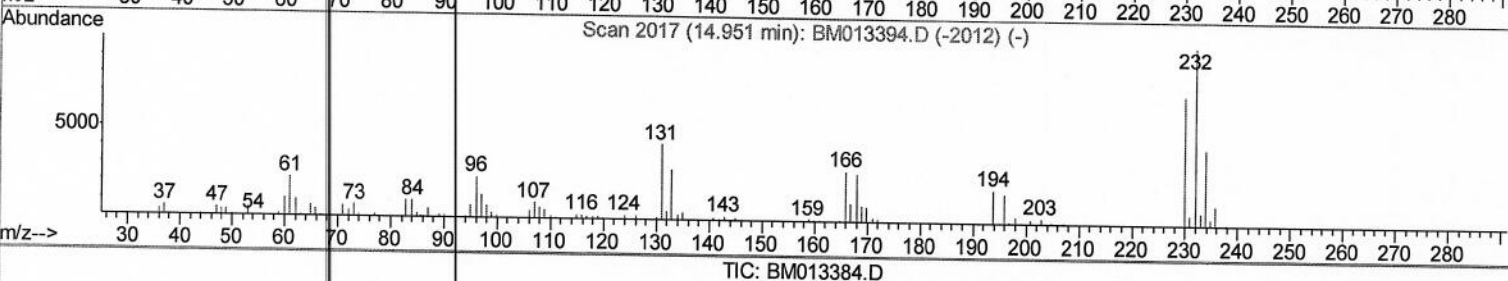
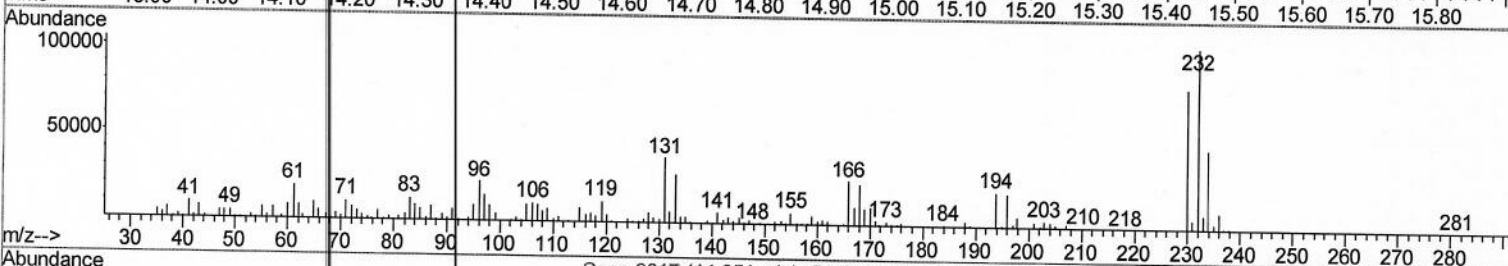
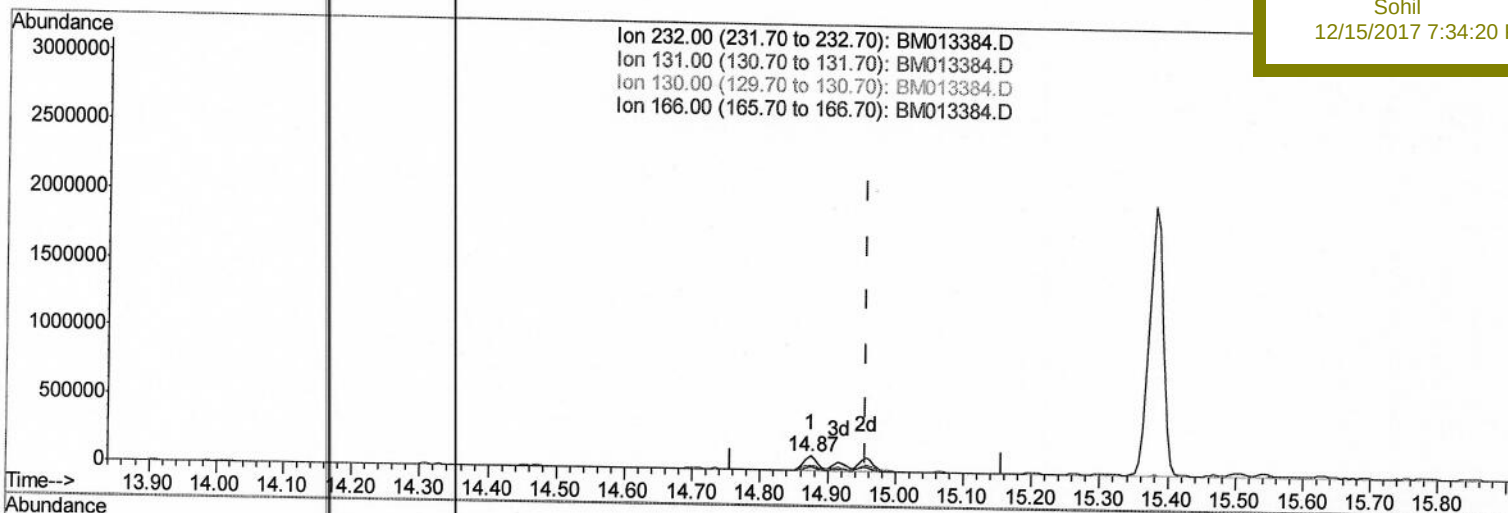
Quant Title : SVCA CALIBRATION

QLast Update : Thu Dec 14 01:15:39 2017

Response via : Initial Calibration

Manual Integrations
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TIC: BM013384.D

(55) 2,3,4,6-Tetrachlorophenol

14.874min (-0.082) 16.67ng/ul

response 143851

Ion	Exp%	Act%
232.00	100	100
131.00	36.20	35.68
130.00	2.50	2.36
166.00	26.80	23.91

Quantitation Report (Qedit)

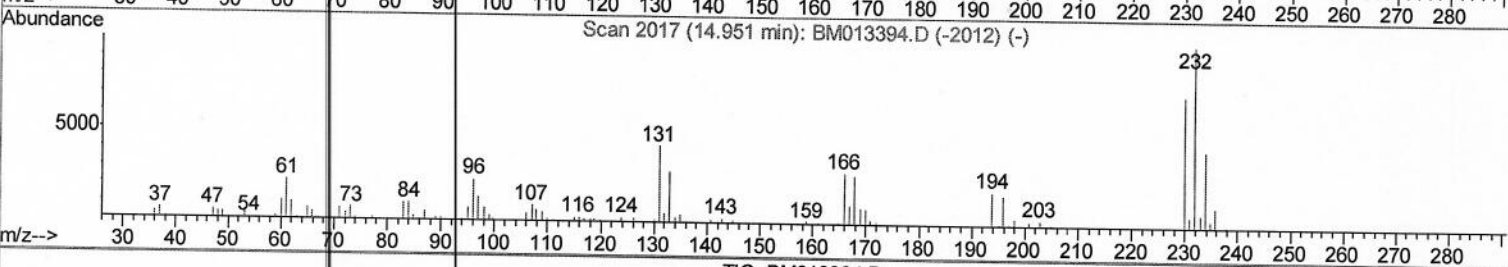
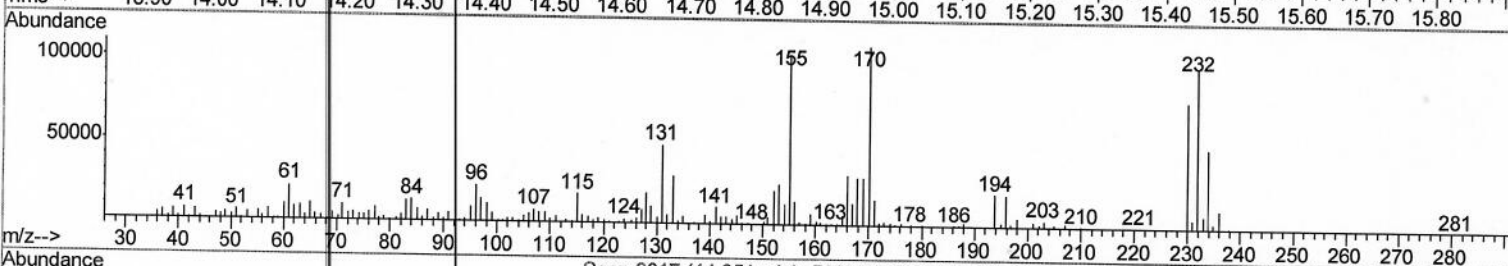
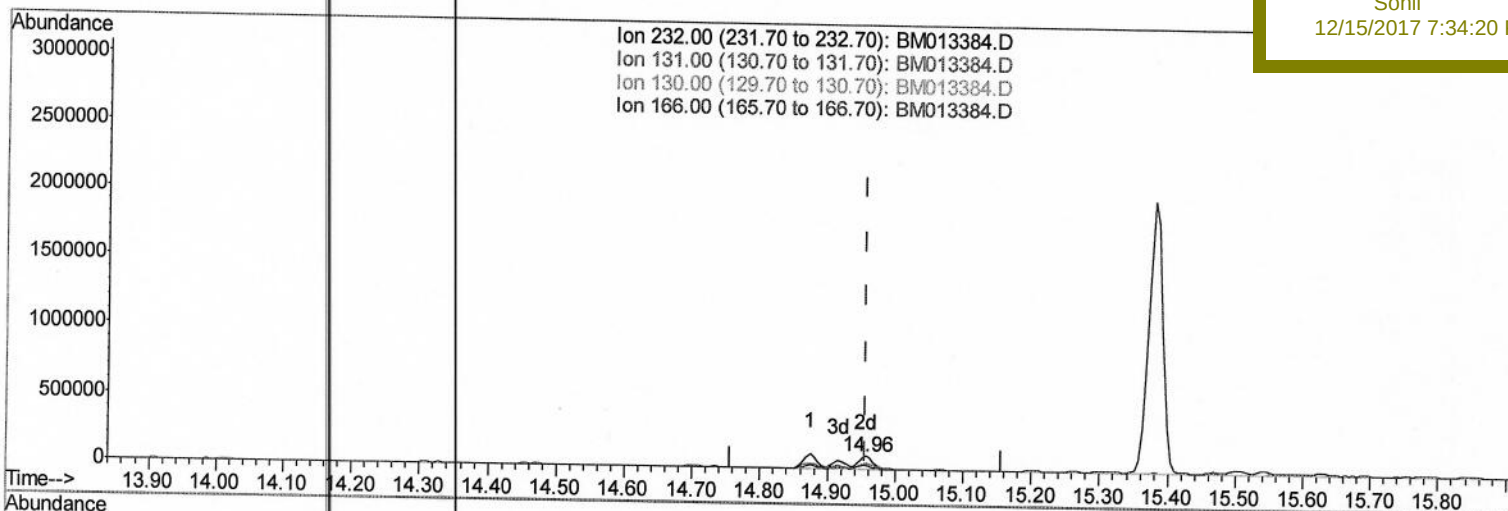
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121317\
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 Sample : I6759-11ME
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A19ME

Quant Time: Dec 14 03:33:09 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVQA CALIBRATION
 QLast Update : Thu Dec 14 01:15:39 2017
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Manual Integrations
 APPROVED

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TIC: BM013384.D

(55) 2,3,4,6-Tetrachlorophenol

14.957min (+0.000) 16.32ng/ul m

response 140824

Ion	Exp%	Act%
232.00	100	100
131.00	36.20	49.66#
130.00	2.50	4.25#
166.00	26.80	31.43

SJ 12/14/17

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Quant Time: Dec 14 16:45:20 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 14 01:15:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	145500	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	634063	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	393852	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	997362	20.00	ng/ul	0.01
75) Chrysene-d12	21.27	240	1318156	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1219620	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	8316	2.83	ng/uL	0.00
5) Phenol-d5	6.86	99	197015	15.65	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.02	67	127404	17.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	165341	16.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	178415	16.59	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	92727	18.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	100752	18.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	189510	17.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	221833	21.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	659537	18.82	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	808285	18.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	101484	16.67	ng/ul	0.00
57) Fluorene-d10	15.32	176	590553	19.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	118053	18.82	ng/ul	0.01
70) Anthracene-d10	17.19	188	1006440	20.15	ng/ul	0.01
76) Pyrene-d10	19.48	212	1243988	18.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1152975	18.56	ng/ul	0.00

Target Compounds

					Qvalue	
28) Naphthalene	10.52	128	5139882	157.560	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	1879225	76.632	ng/ul	94
40) 1,1'-Biphenyl	13.15	154	289062	8.684	ng/ul	98
44) Dimethylphthalate	13.79	163	81882	2.443	ng/ul#	97
47) Acenaphthylene	14.05	152	187270	4.679	ng/ul#	94
49) Acenaphthene	14.39	153	3547712	130.119	ng/ul	98
53) Dibenzofuran	14.73	168	3241779	80.540	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.96	232	140824m	16.320	ng/ul	
58) Fluorene	15.38	166	2825466	84.854	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.47	198	105198	16.778	ng/ul#	70
64) N-Nitrosodiphenylamine	15.59	169	129512	4.408	ng/ul#	77
68) Pentachlorophenol	16.76	266	8454903	1130.621	ng/ul	98
69) Phenanthrene	17.13	178	17387738m	306.868	ng/ul	
71) Anthracene	17.23	178	11512033	198.765	ng/ul	98
72) Carbazole	17.49	167	2004604	40.239	ng/ul	100
74) Fluoranthene	19.14	202	21535468m	310.140	ng/ul	
77) Pyrene	19.52	202	18557744	231.735	ng/ul#	76
80) Benzo(a)anthracene	21.26	228	5204873	62.234	ng/ul	99
82) Chrysene	21.31	228	5120239	65.990	ng/ul	98
85) Benzo(b)fluoranthene	22.83	252	3492054	42.474	ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	995328m	12.864	ng/ul	
88) Benzo(a)pyrene	23.40	252	1237931	16.762	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.73	276	520096	7.097	ng/ul#	95

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 12/15/2017 7:34:20 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	25.73	278	152384m	2.442	ng/ul	
91) Benzo(g,h,i)perylene	26.40	276	323092	5.590	ng/ul#	94

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

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121317\
Data File : BM013384.D
Acq On : 13 Dec 2017 21:22
Operator : SJ/JU
Sample : I6759-11ME
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 14 16:45:20 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 14 01:15:39 2017
Response via : Initial Calibration

Instrument :

BNA_M

Client Sample Id :

F9A19ME

Manual Integrations

APPROVED

Sohil

12/15/2017 7:34:20 PM

