

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121517\
 Data File : BM013467.D
 Acq On : 16 Dec 2017 08:13
 Operator : SJ/JU
 Sample : I6776-06 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A58

Quant Time: Dec 25 00:57:15 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVCA CALIBRATION
 QLast Update : Sat Dec 16 00:23:08 2017
 Response via : Initial Calibration

Manual Integrations
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Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	217080	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	978917	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	572533	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1253917	20.00	ng/ul	0.02
75) Chrysene-d12	21.27	240	1202572	20.00	ng/ul	0.01
83) Perylene-d12	23.49	264	930171	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	3468	0.79	ng/uL	0.00
5) Phenol-d5	6.85	99	108010	5.75	ng/ul	0.00
7) Bis-(2-Chlorobethyl) ether-d	7.02	67	62428	5.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	83791	5.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	90960	5.67	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	48004	6.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	50068	6.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	93739	5.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	83493	5.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	295519	5.80	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	368668	5.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	45207	5.11	ng/ul	0.02
57) Fluorene-d10	15.32	176	253424	5.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	27366	3.47	ng/ul	0.02
70) Anthracene-d10	17.19	188	384098	6.12	ng/ul	0.02
76) Pyrene-d10	19.47	212	438162	7.31	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.34	264	293853	6.20	ng/ul	0.00
Target Compounds						
28) Naphthalene	10.51	128	18919601m)	375.656	ng/ul	Ovalue
34) 2-Methylnaphthalene	12.13	142	6032074	159.326	ng/ul	94
40) 1,1'-Biphenyl	13.15	154	1977671	40.872	ng/ul	99
47) Acenaphthylene	14.04	152	494539	8.500	ng/ul#	92
49) Acenaphthene	14.40	153	16944218	427.512	ng/ul	88
53) Dibenzofuran	14.73	168	13998100	239.238	ng/ul	89
58) Fluorene	15.39	166	14540660	300.398	ng/ul	97
68) Pentachlorophenol	16.74	266	130878	13.921	ng/ul	97
69) Phenanthrene	17.12	178	33721064m)	473.362	ng/ul	
71) Anthracene	17.23	178	12428901	170.688	ng/ul#	89
72) Carbazole	17.48	167	2823666	45.083	ng/ul	99
74) Fluoranthene	19.14	202	30164762m)	345.532	ng/ul	
77) Pyrene	19.50	202	25917833m)	354.749	ng/ul	
80) Benzo(a)anthracene	21.26	228	9241661	121.122	ng/ul	99
82) Chrysene	21.31	228	8407775	118.775	ng/ul	98
85) Benzo(b)fluoranthene	22.83	252	4139411	66.015	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	1462470m)	24.784	ng/ul	
88) Benzo(a)pyrene	23.39	252	2047733	36.354	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	645948	11.558	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.72	278	173557	3.647	ng/ul#	96
91) Benzo(a,h,i)perylene	26.39	276	482965	10.955	ng/ul#	91

15J12125117

5J12125117

Quantitation Report (LSC Reviewed)

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

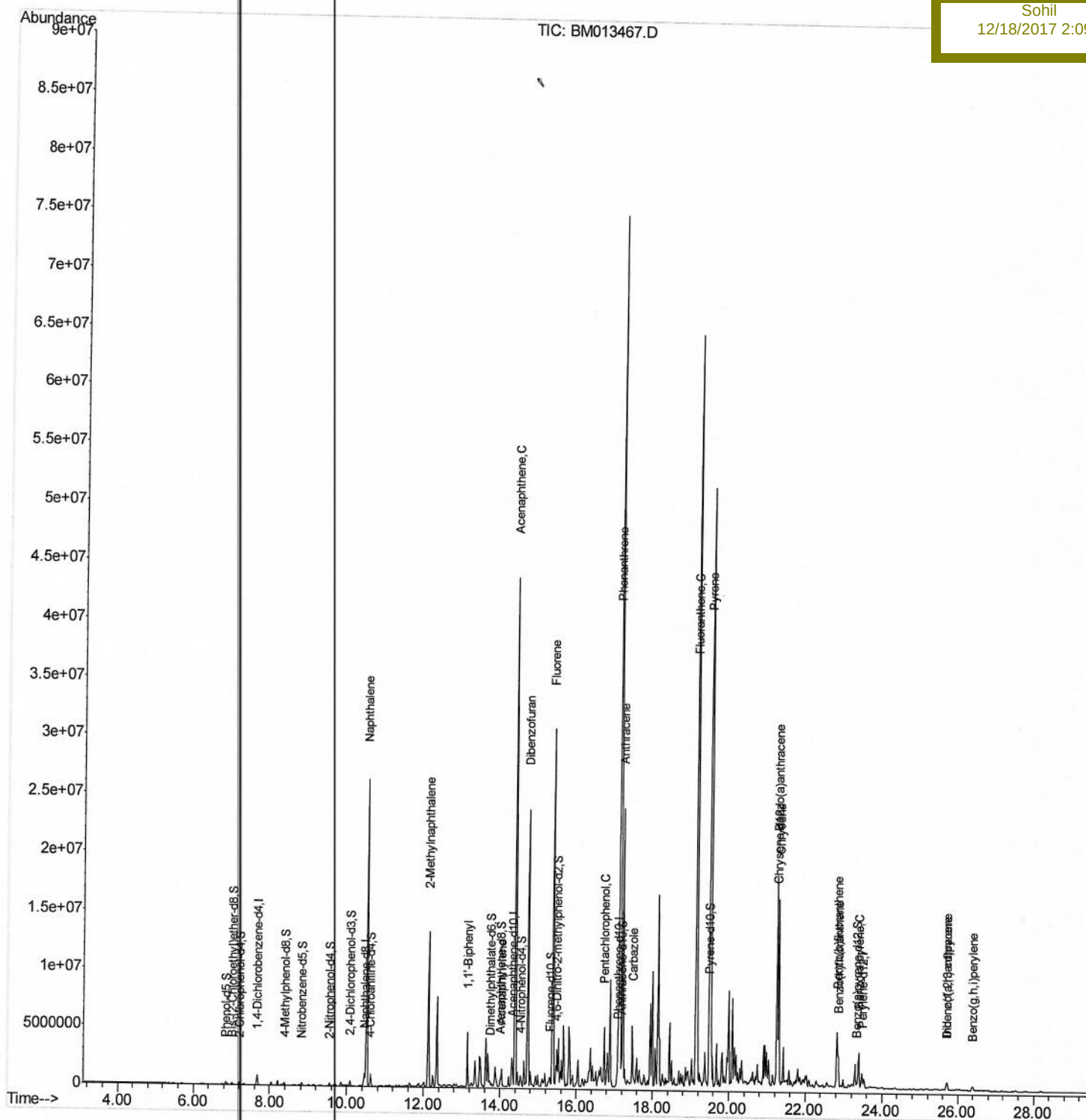
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QLast Update : Sat Dec 16 00:23:08 2017
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Instrument :
BNA_M
ClientSampled :
F9A58

Manual Integrations
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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Quantitation Report (Qedit)

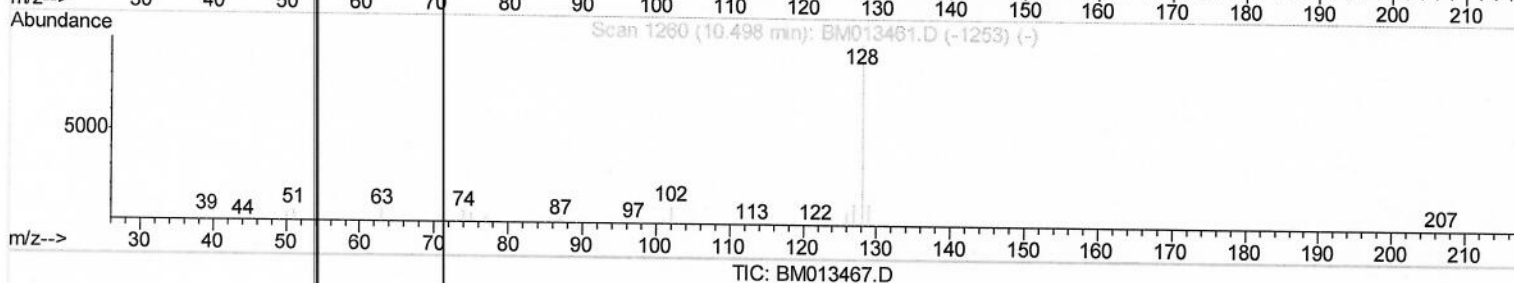
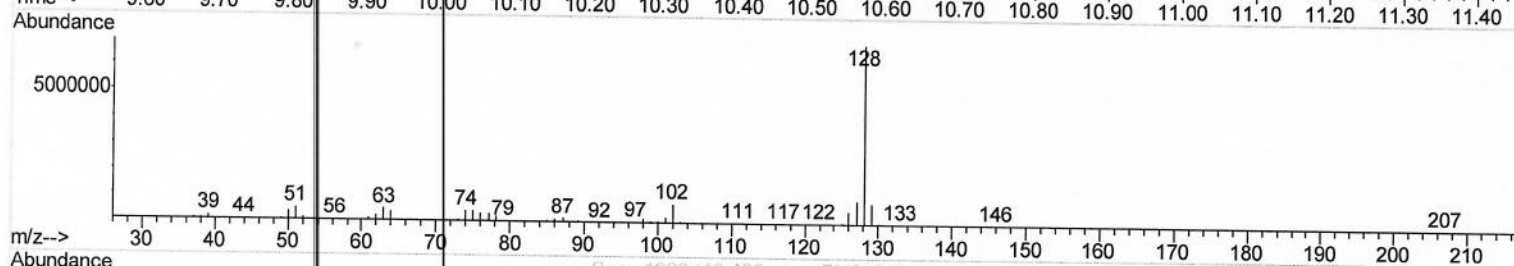
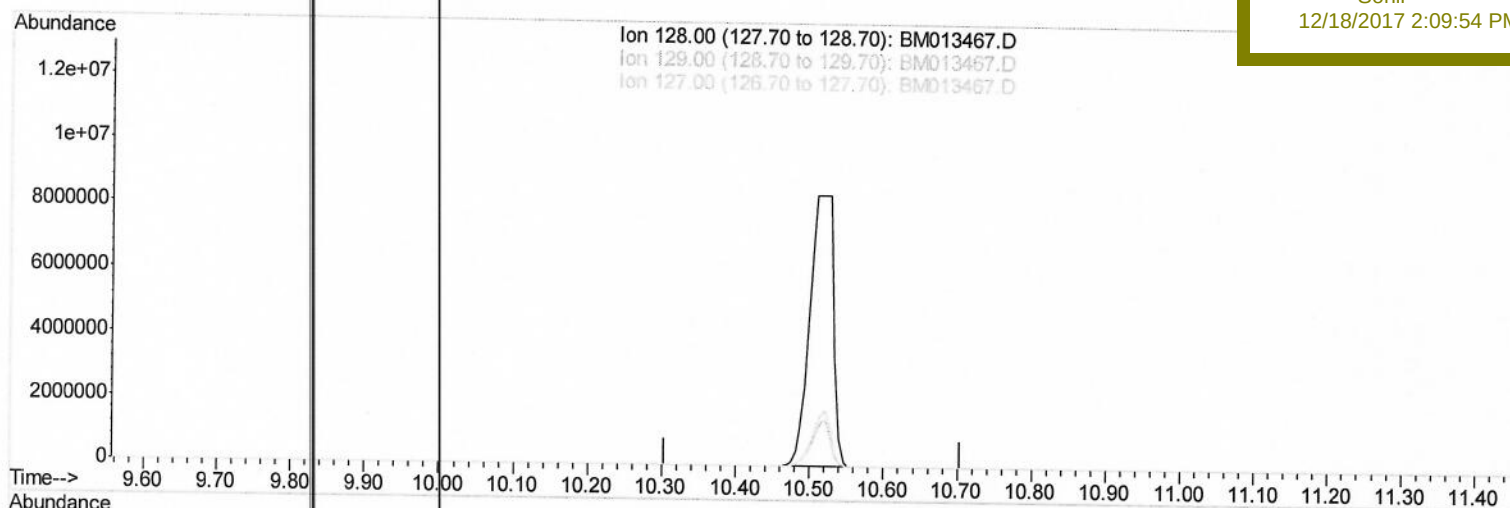
Data File : BM013467.D
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 18 00:28:30 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
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ClientSampleId :
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Manual Integrations
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(28) Naphthalene

10.504min (-10.504) 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

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Misc :

ALS Vial : 24 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 16 00:23:08 2017

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BNA_M

ClientSampleId :

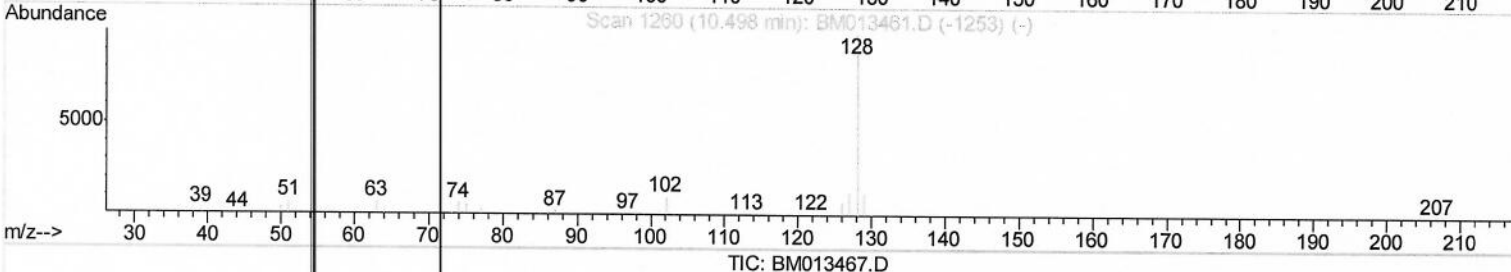
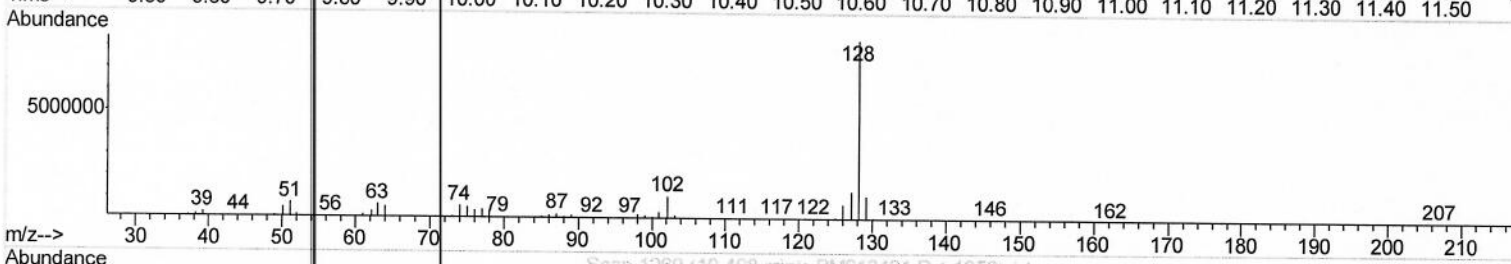
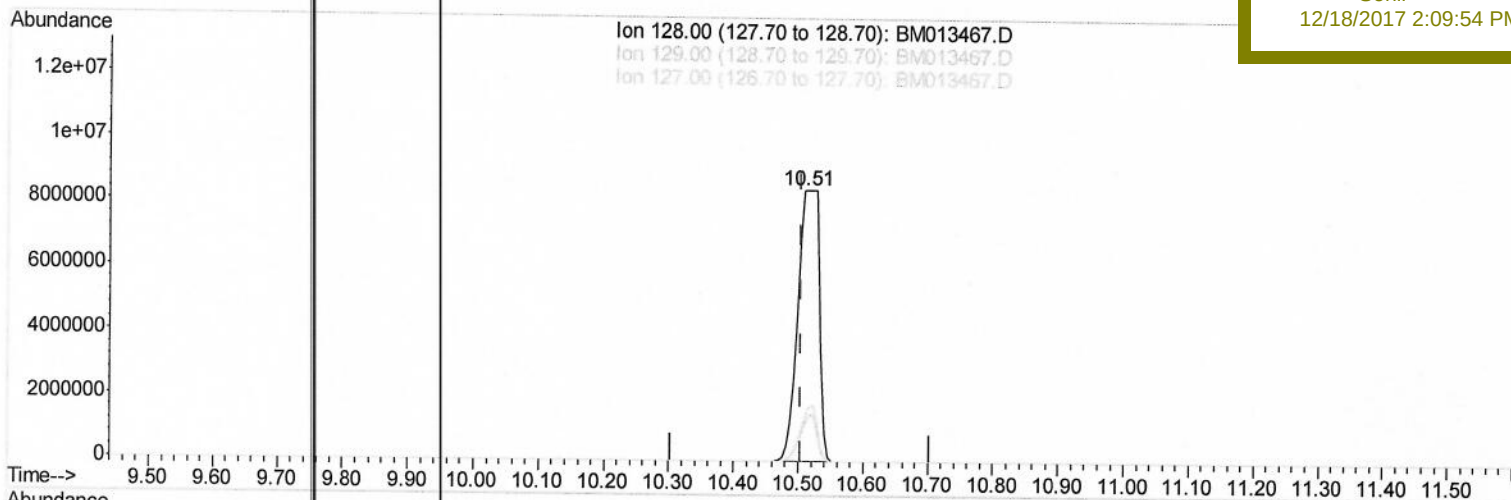
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Manual Integrations

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(28) Naphthalene

10.510min (+0.006) 375.66ng/ul m) SJ12125117

response 18919601

Ion	Exp%	Act%
-----	------	------

128.00	100	100
--------	-----	-----

129.00	11.00	13.32#
--------	-------	--------

127.00	13.30	15.61
--------	-------	-------

0.00	0.00	0.00
------	------	------

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Misc :

ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 18 00:28:30 2017

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Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 16 00:23:08 2017

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

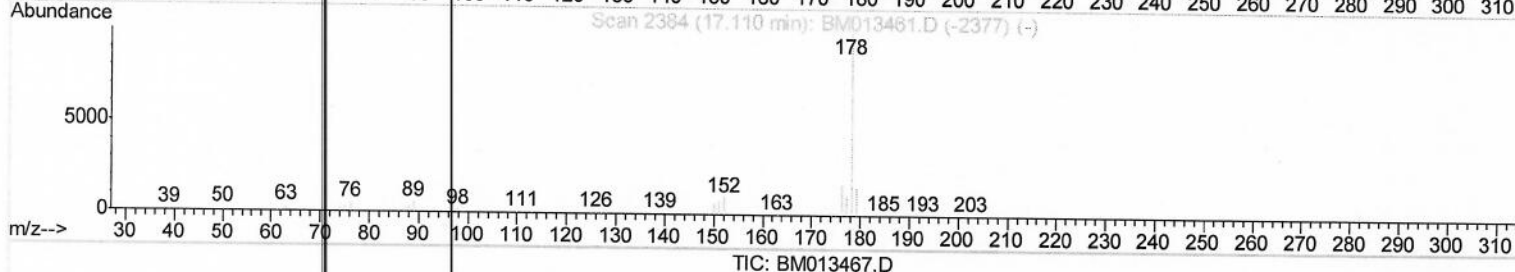
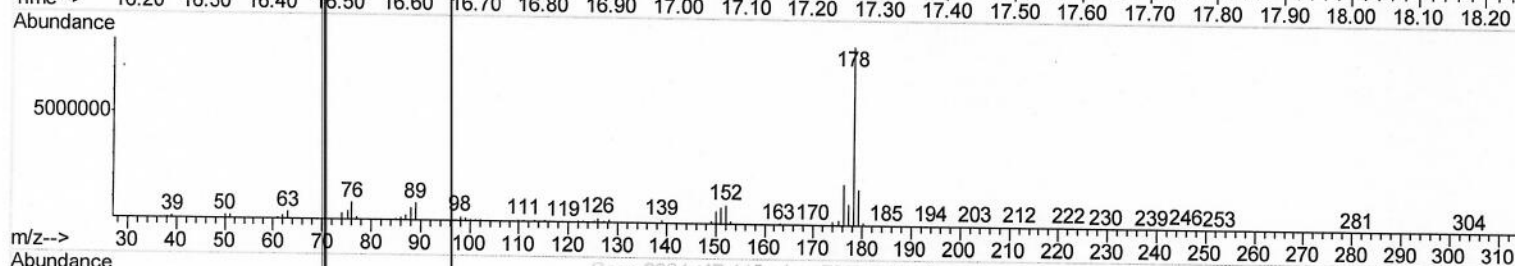
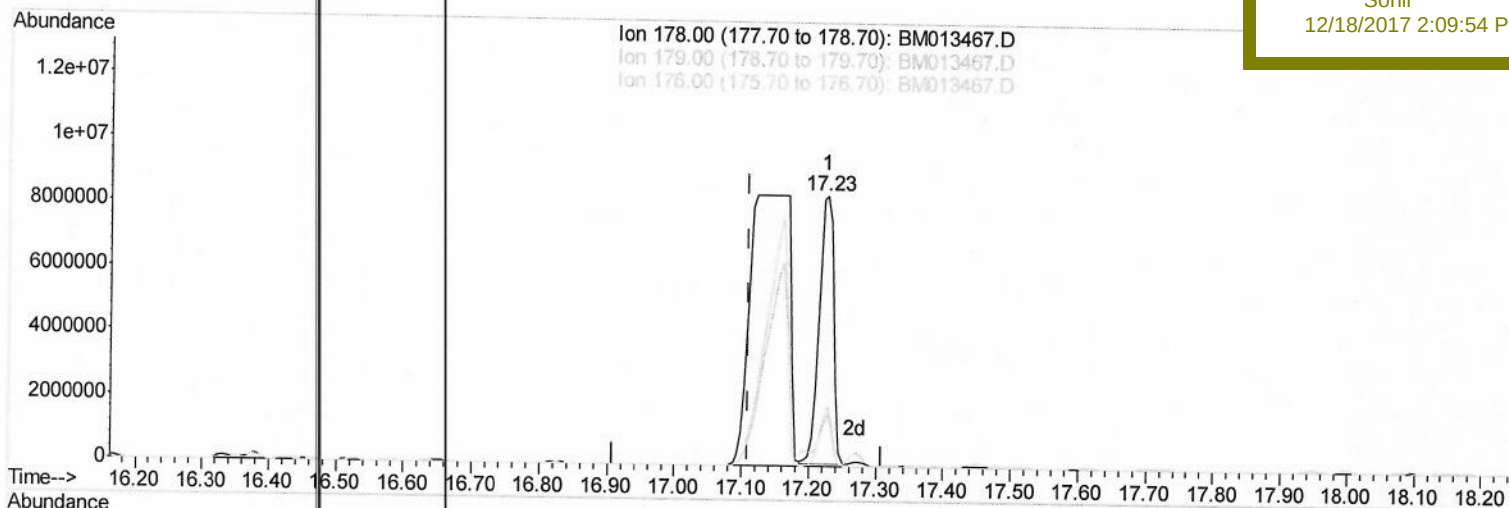
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Manual Integrations

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(69) Phenanthrene

17.227min (+0.117) 174.47ng/ul

response 12428901

Ion	Exp%	Act%
-----	------	------

178.00	100	100
--------	-----	-----

179.00	15.80	19.76#
--------	-------	--------

176.00	18.60	22.33#
--------	-------	--------

0.00	0.00	0.00
------	------	------

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

Quantitation Report (Qedit)

Data File : BM013467.D

Acq On : 16 Dec 2017 08:13

Operator : SJ/JU

Sample : I6776-06 5X

Misc :

ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 18 00:28:30 2017

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

Quant Title : SVDA CALIBRATION

QLast Update : Sat Dec 16 00:23:08 2017

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

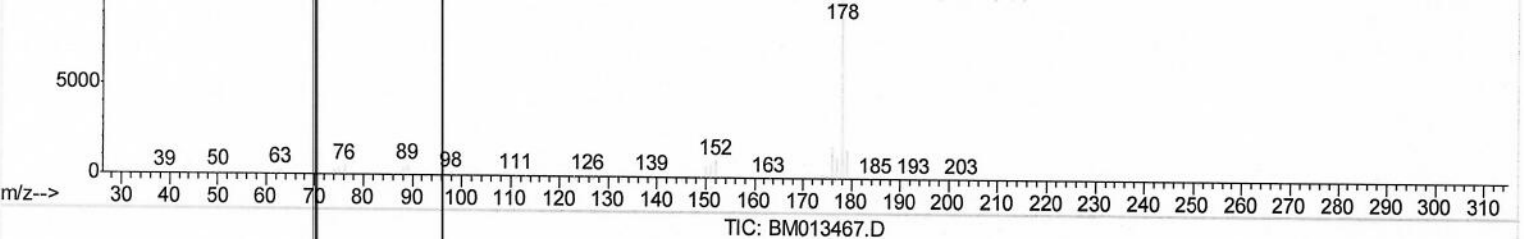
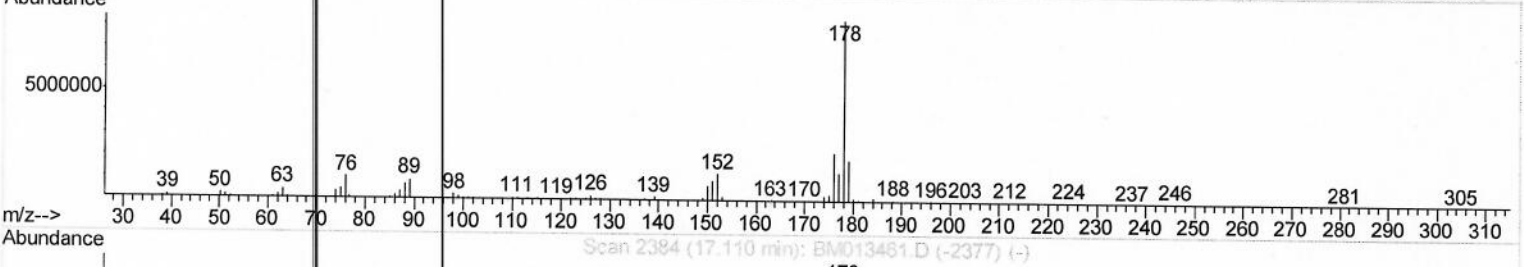
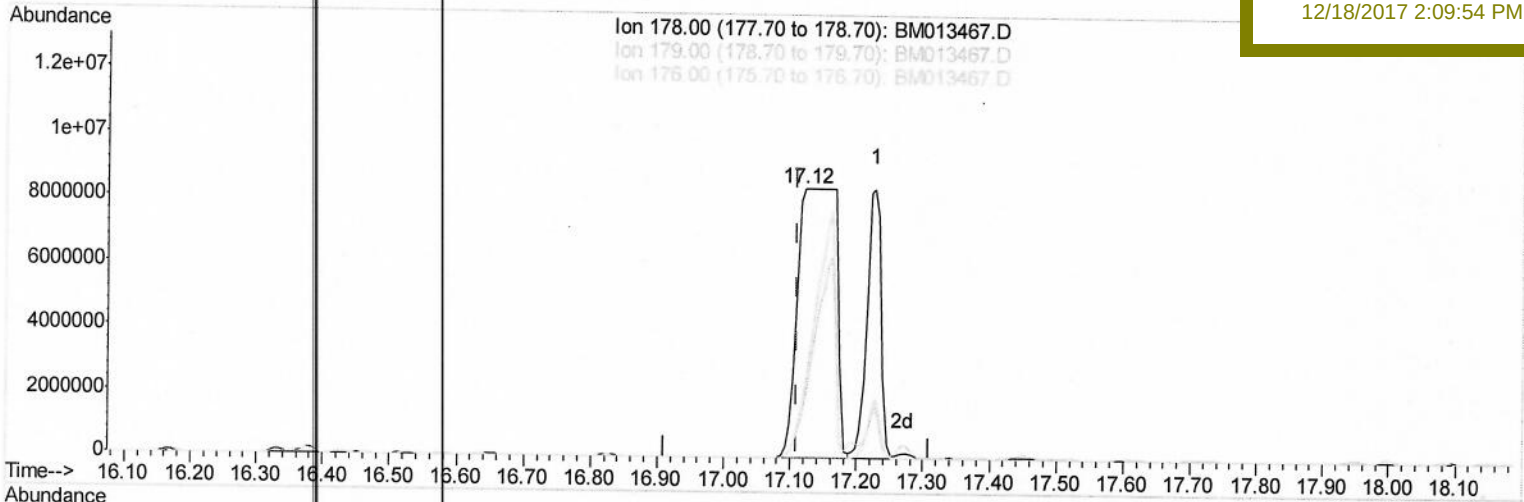
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Manual Integrations

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(69) Phenanthrene

17.121min (+0.012) 473.36ng/ul m) SJ121517

response 33721064

Ion	Exp%	Act%
-----	------	------

178.00	100	100
--------	-----	-----

179.00	15.80	22.60#
--------	-------	--------

176.00	18.60	26.74#
--------	-------	--------

0.00	0.00	0.00
------	------	------

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Misc :

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Instrument :

BNA_M

ClientSampleId :

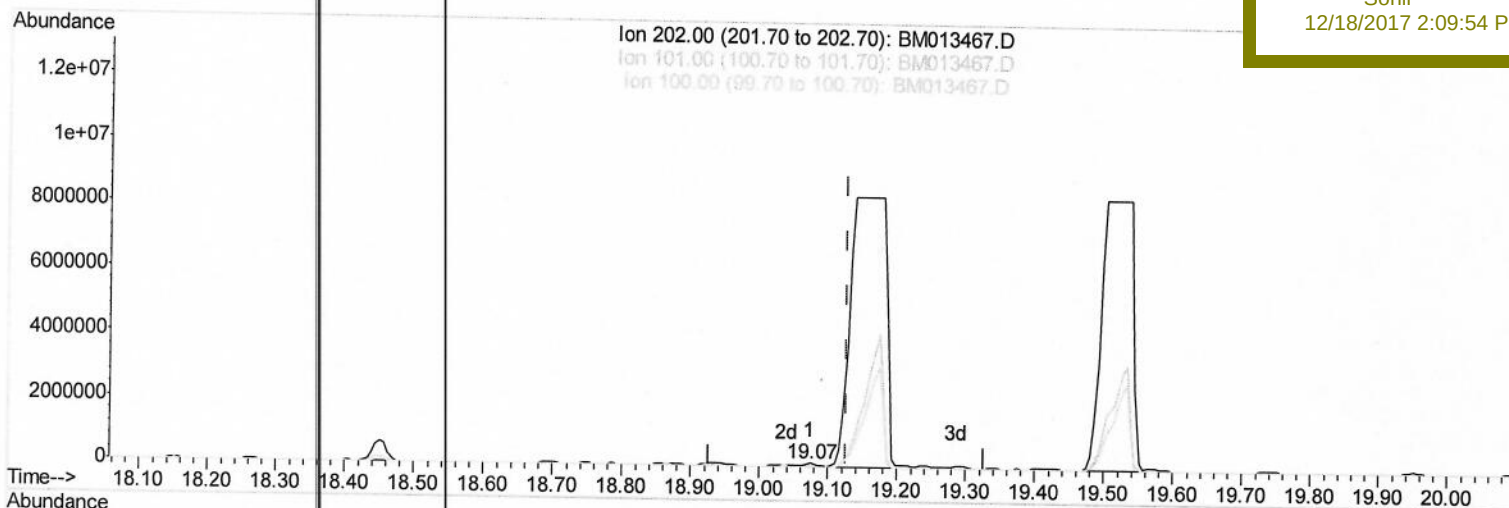
F9A58

Manual Integrations

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(74) Fluoranthene (C)

19.074min (-0.053) 1.30ng/ul

response 113252

Ion	Exp%	Act%
-----	------	------

202.00	100	100
--------	-----	-----

101.00	5.80	28.26#
--------	------	--------

100.00	4.30	13.57#
--------	------	--------

0.00	0.00	0.00
------	------	------

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

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Sample : I6776-06 5X

Misc :

ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :

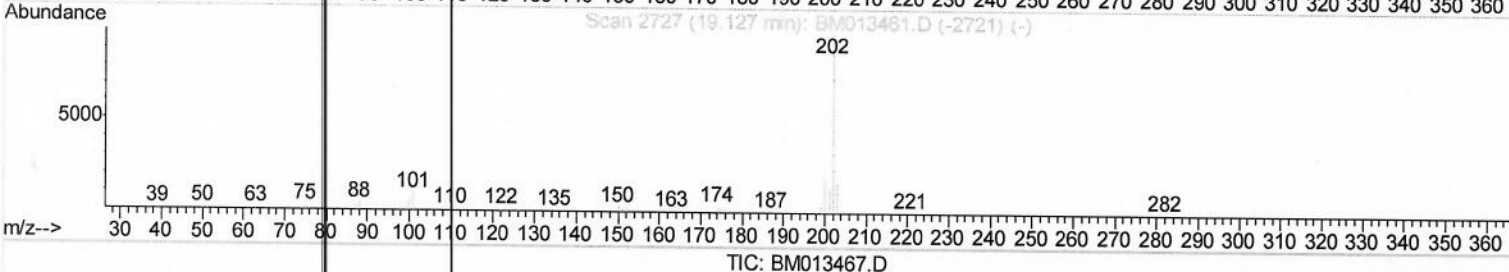
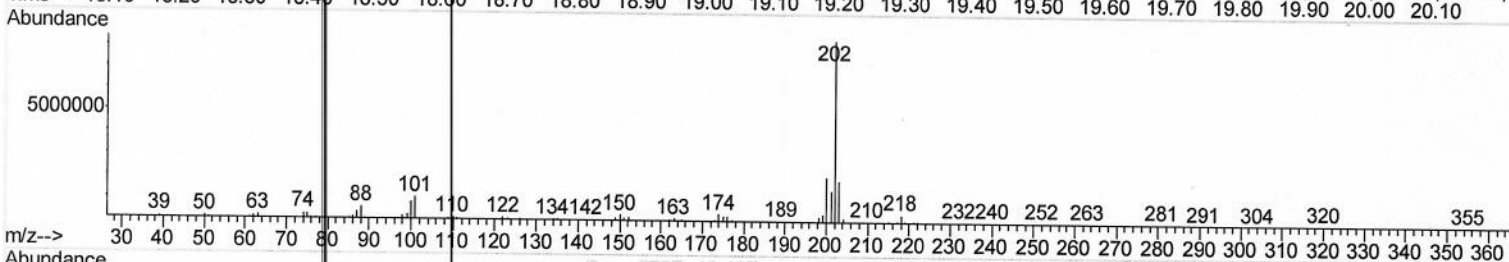
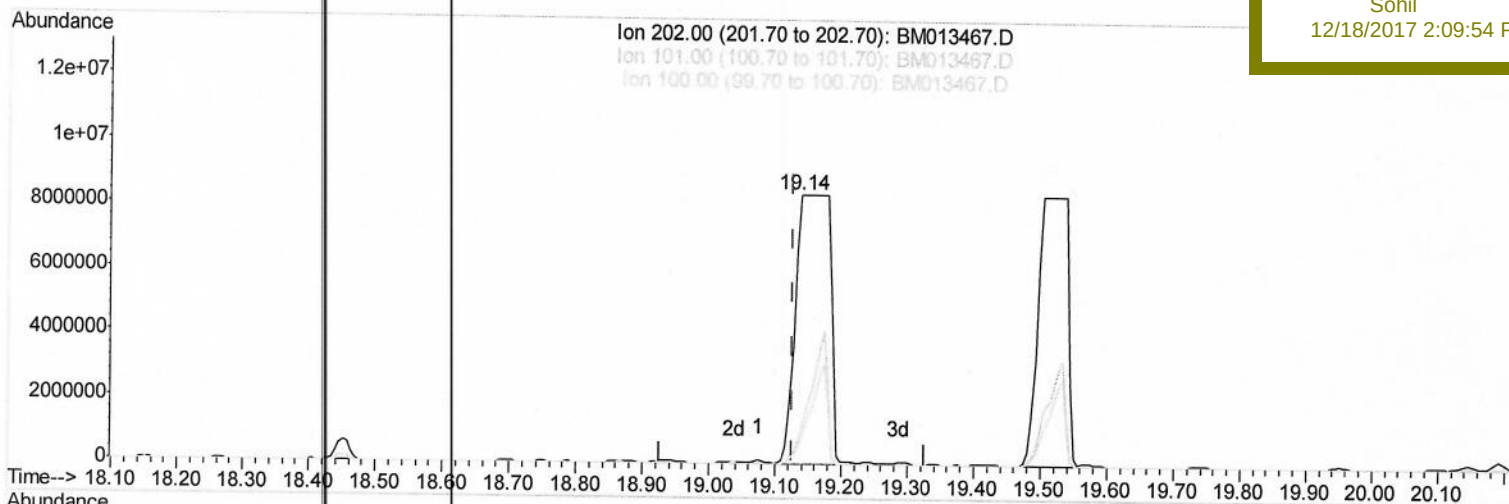
F9A58

Manual Integrations

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(74) Fluoranthene (C)

19.139min (+0.012) 345.53ng/ul m) SJ 12/25/17

response 30164762

Ion	Exp%	Act%
-----	------	------

202.00	100	100
--------	-----	-----

101.00	5.80	12.14#
--------	------	--------

100.00	4.30	9.55#
--------	------	-------

0.00	0.00	0.00
------	------	------

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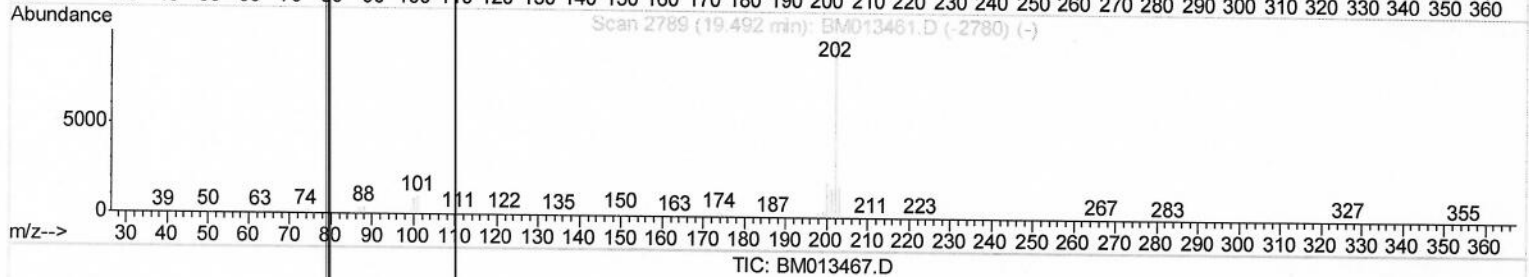
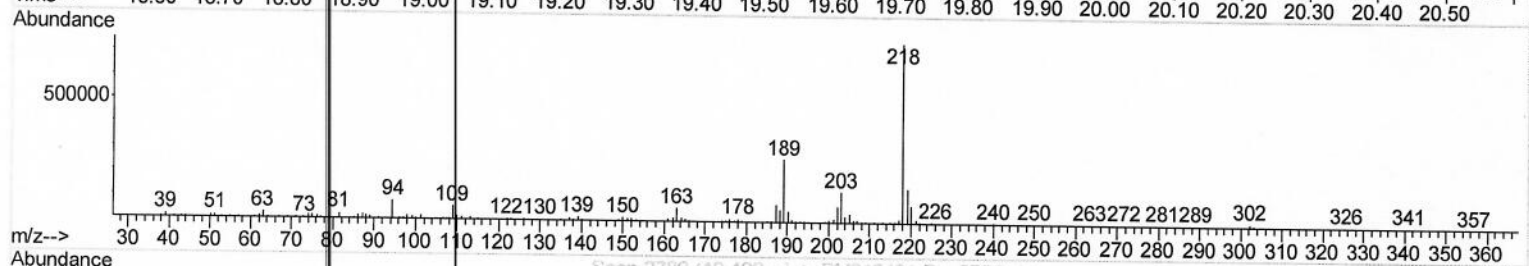
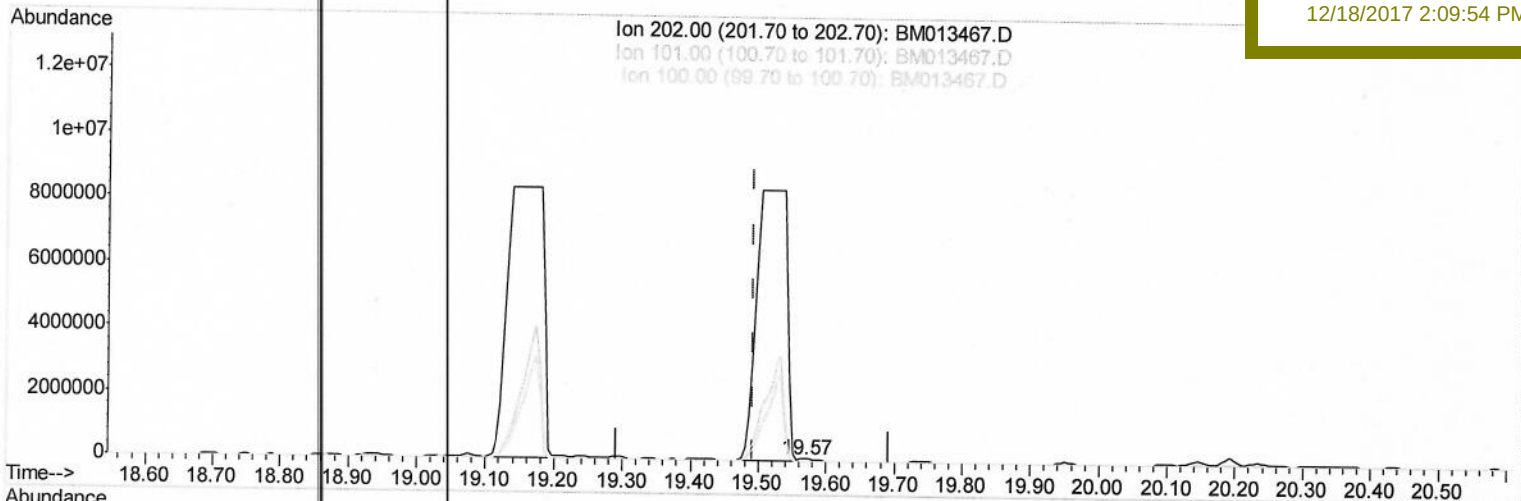
F9A58

Manual Integrations

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(77) Pyrene

19.568min (+0.076) 1.17ng/ul

response 85185

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	24.09#
100.00	6.10	11.05#
0.00	0.00	0.00

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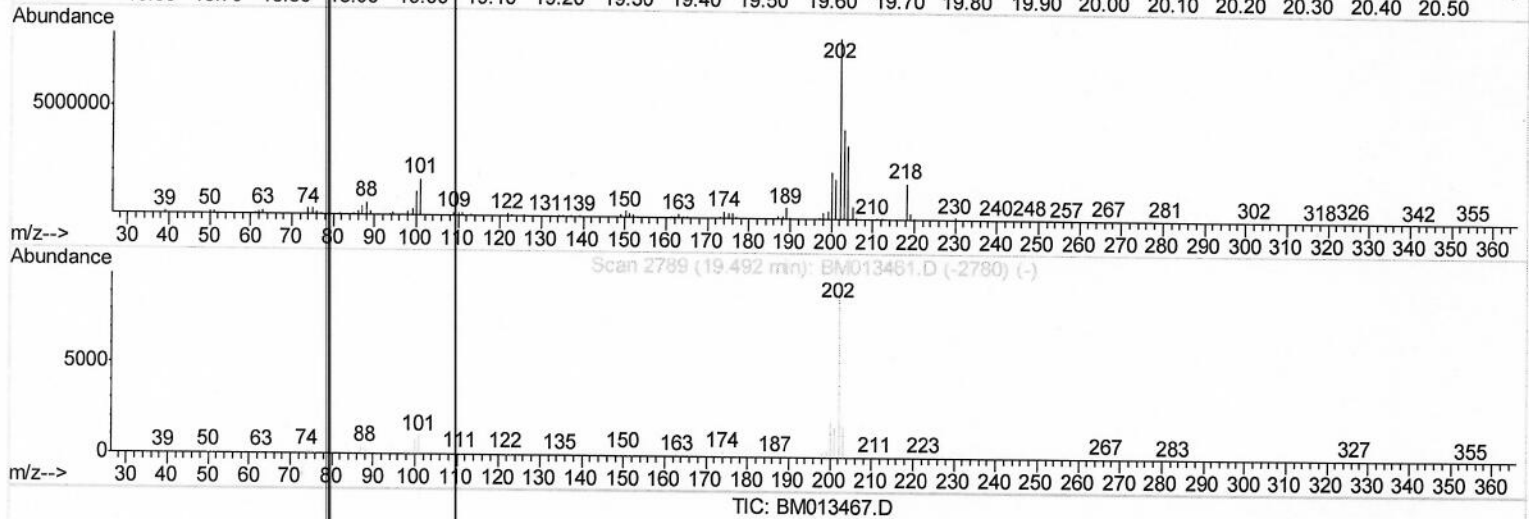
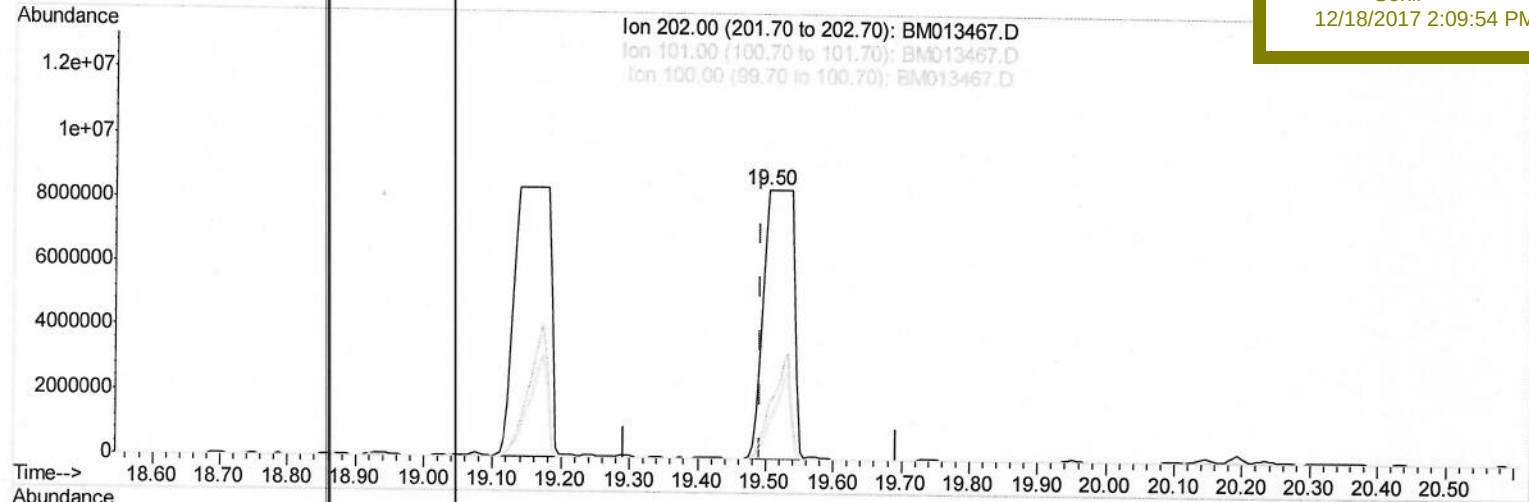
F9A58

Manual Integrations

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Sohil

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(77) Pyrene

19.504min (+0.012) 354.75ng/ul m

SJ 12/25/17

response 25917833

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	19.90#
100.00	6.10	13.03#
0.00	0.00	0.00

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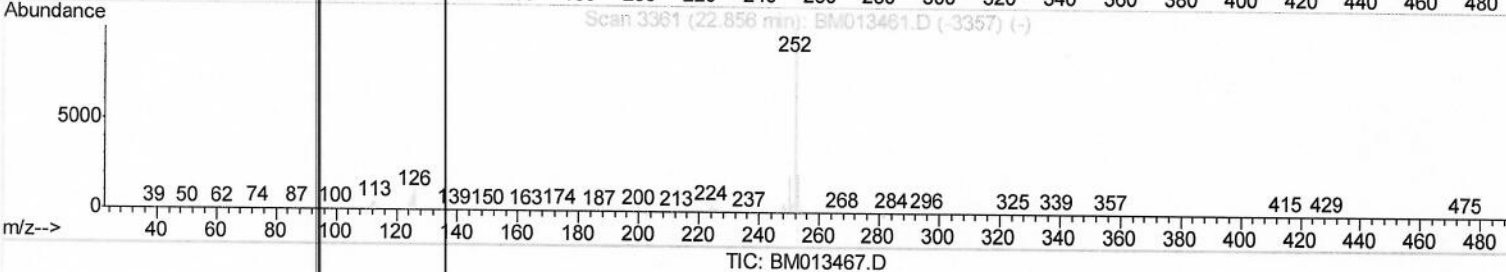
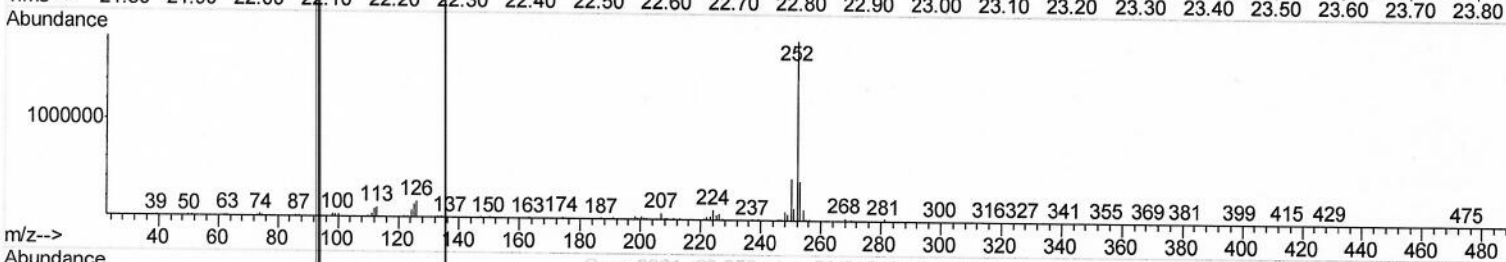
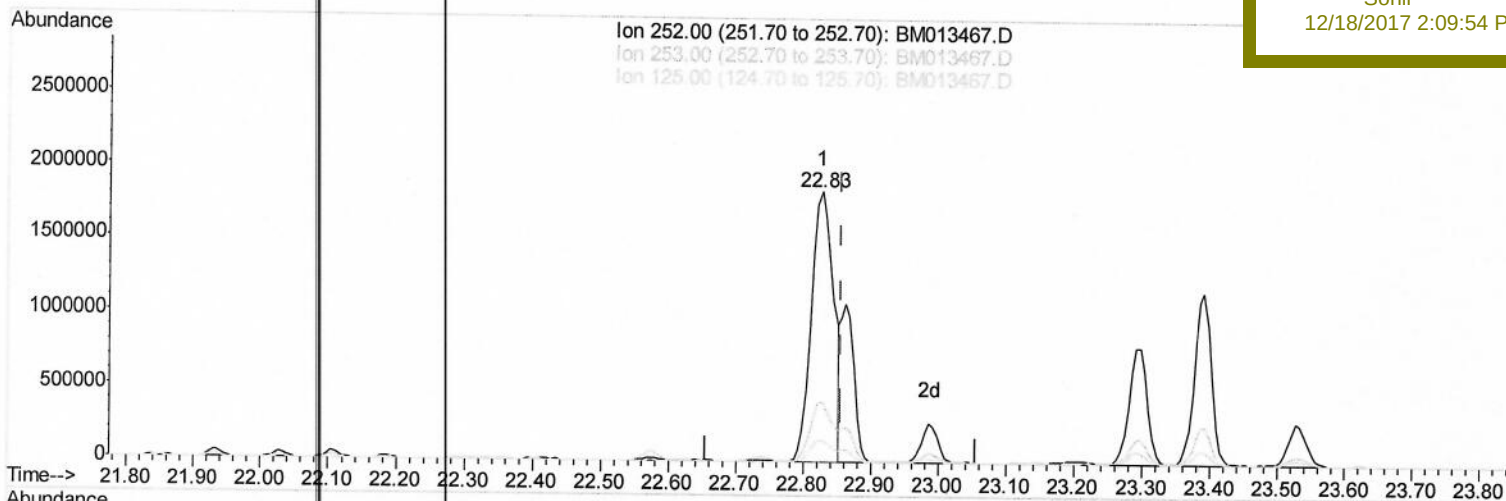
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Manual Integrations

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(86) Benzo(k)fluoranthene

22.827min (-0.030) 70.15ng/ul

response 4139411

Ion	Exp%	Act%
-----	------	------

252.00	100	100
--------	-----	-----

253.00	21.40	22.27
--------	-------	-------

125.00	4.30	7.60#
--------	------	-------

0.00	0.00	0.00
------	------	------

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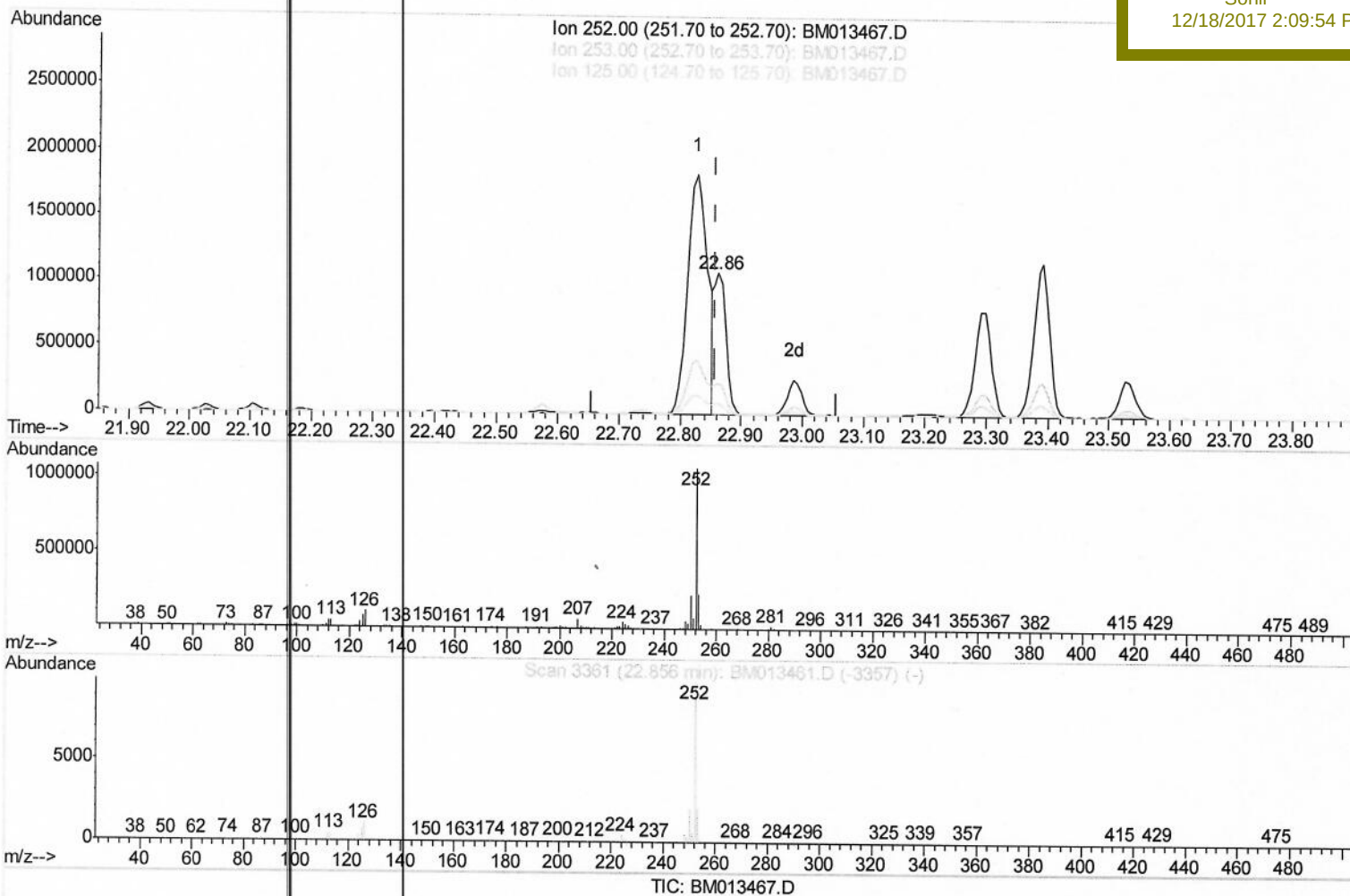
F9A58

Manual Integrations

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(86) Benzo(k)fluoranthene

22.862min (+0.006) 24.78ng/ul m 25312/25/17

response 1462470

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.12
125.00	4.30	7.66#
0.00	0.00	0.00