

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013347.D
 Acq On : 12 Dec 2017 20:01
 Operator : SJ/JU
 Sample : I6775-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A51

Manual Integrations
 APPROVED

Sohil
 12/13/2017 12:05:44 PM

Quant Time: Dec 24 23:11:08 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 01:37:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	170135	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	723219	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	445542	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1085177	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1211358	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1081191	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	10442m	3.04	ng/uL	0.00
5) Phenol-d5	6.86	99	259603	17.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	166361	19.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	206453	17.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	239356	19.03	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	127827	22.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	132731	21.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	248799	19.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	282879	24.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	945932	23.86	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1097335	22.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	131104	19.03	ng/ul	0.00
57) Fluorene-d10	15.33	176	801665	23.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	111484	16.33	ng/ul	0.00
70) Anthracene-d10	17.17	188	1325185	24.38	ng/ul	0.00
76) Pyrene-d10	19.47	212	1567654	25.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1345277	24.43	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	6.89	94	22772	1.565	ng/ul# 90
44) Dimethylphthalate	13.79	163	158052	4.168	ng/ul 99
69) Phenanthrene	17.12	178	171088	2.775	ng/ul 99
74) Fluoranthene	19.14	202	295153	3.907	ng/ul# 94
77) Pyrene	19.50	202	268192	3.644	ng/ul# 95
80) Benzo(a)anthracene	21.25	228	142015	1.848	ng/ul 95
82) Chrysene	21.30	228	192649	2.702	ng/ul 95
85) Benzo(b)fluoranthene	22.83	252	278730	3.824	ng/ul# 99
88) Benzo(a)pyrene	23.39	252	117915	1.801	ng/ul# 96

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

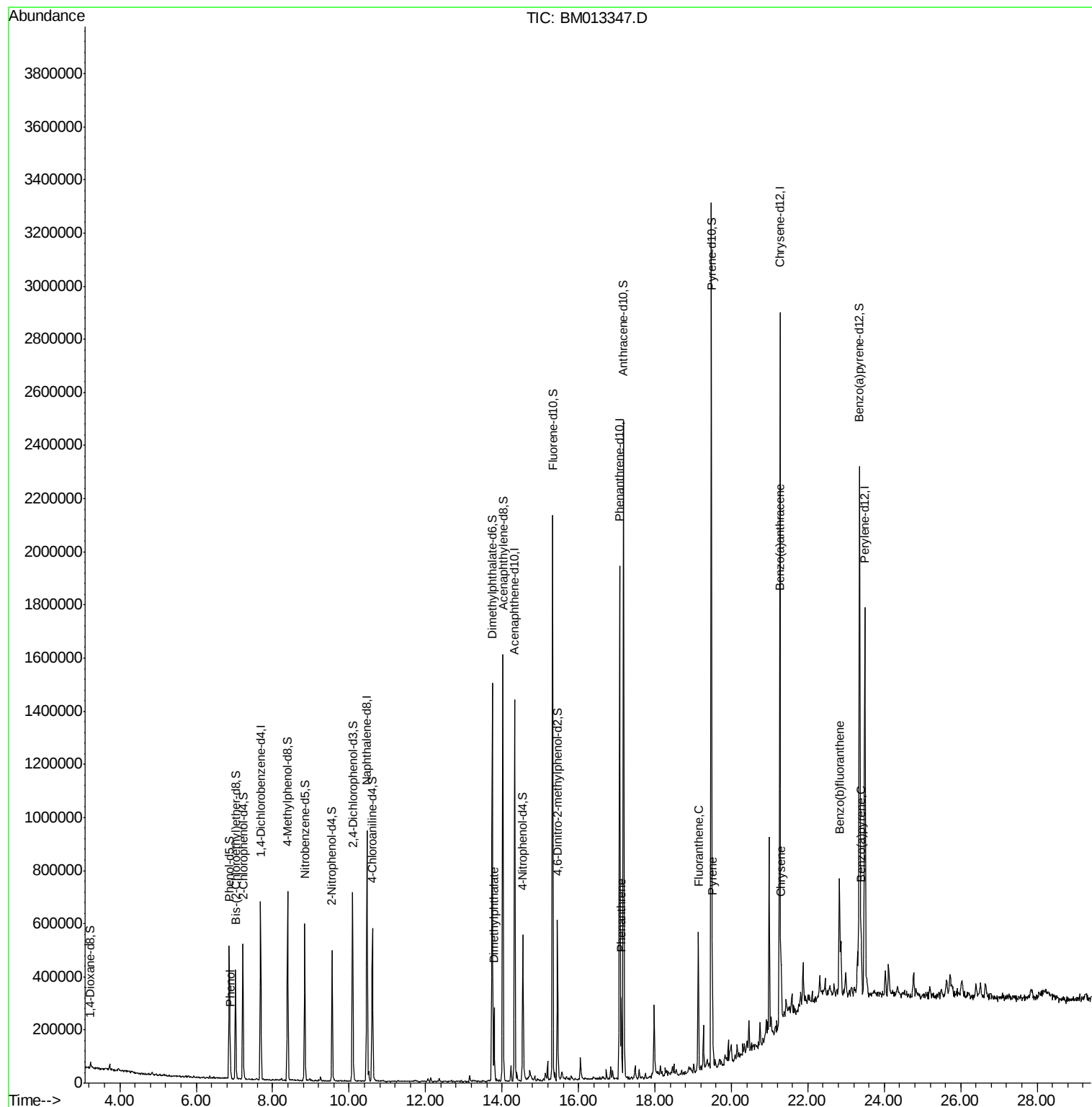
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013347.D
Acq On : 12 Dec 2017 20:01
Operator : SJ/JU
Sample : I6775-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

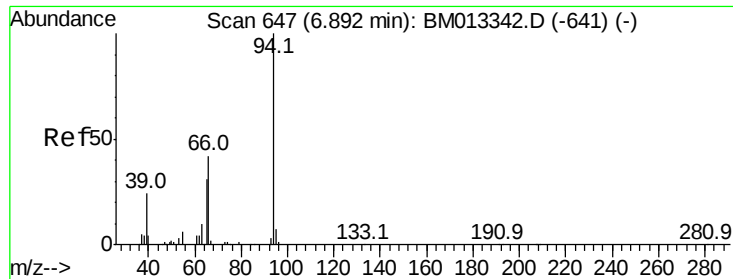
Instrument :
BNA_M
ClientSampleId :
F9A51

Quant Time: Dec 24 23:11:08 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
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#6

Phenol

Concen: 1.565 ng/ul

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM013347.D

Acq: 12 Dec 2017 20:01

Instrument :

BNA_M

ClientSampled :

F9A51

Tot Ion: 94 Resp: 22772

Ion Ratio Lower Upper

94 100

65 44.0 28.2 42.4#

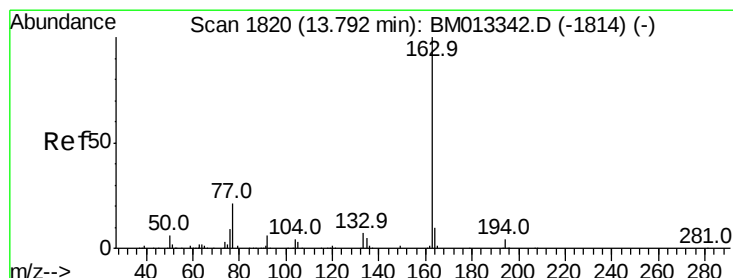
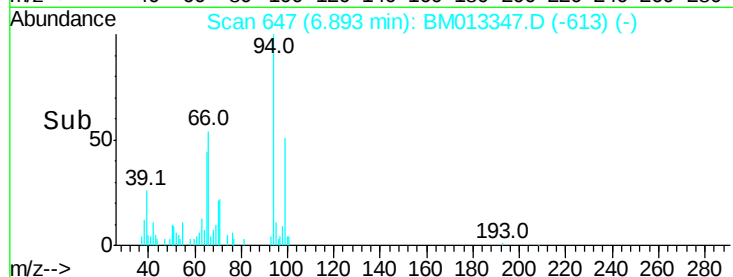
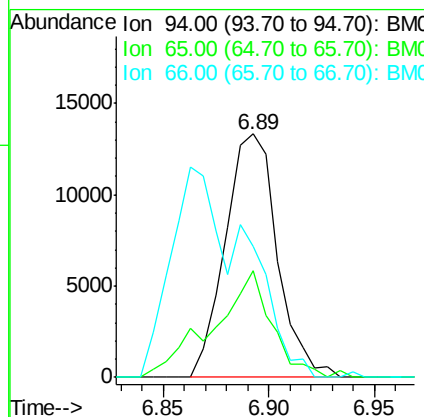
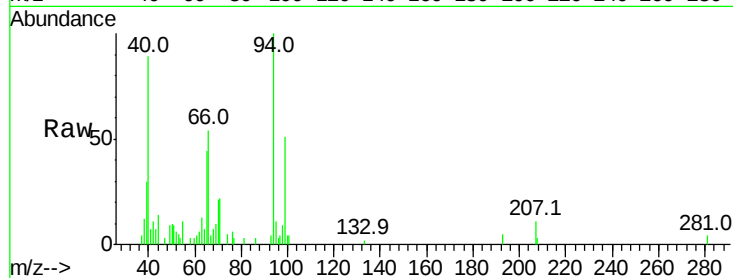
66 53.9 47.2 70.8

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#44

Dimethylphthalate

Concen: 4.168 ng/ul

RT: 13.79 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BM013347.D

Acq: 12 Dec 2017 20:01

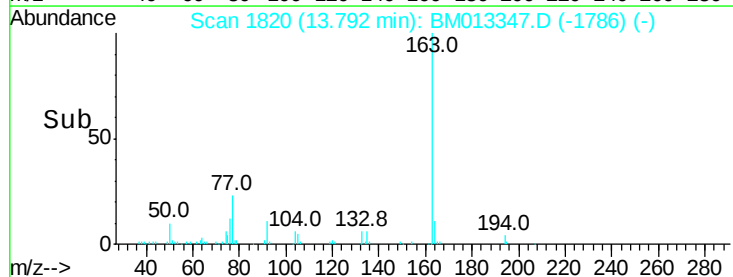
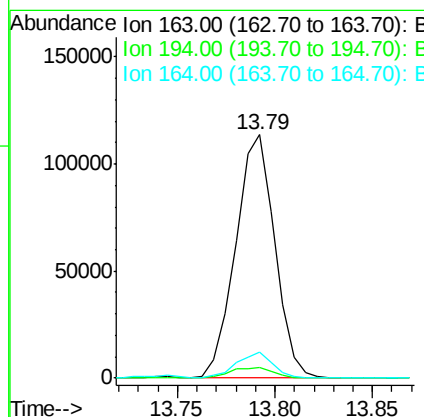
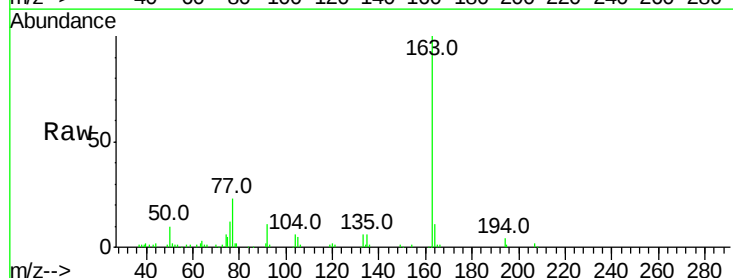
Tgt Ion: 163 Resp: 158052

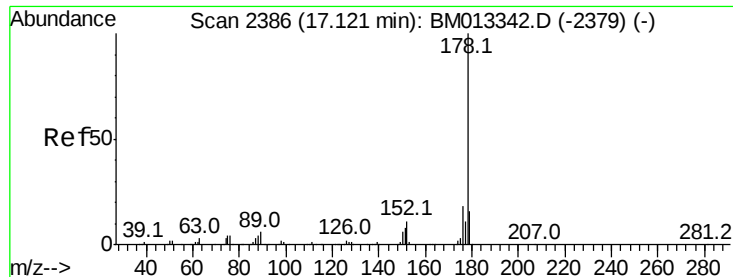
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 10.8 8.2 12.4





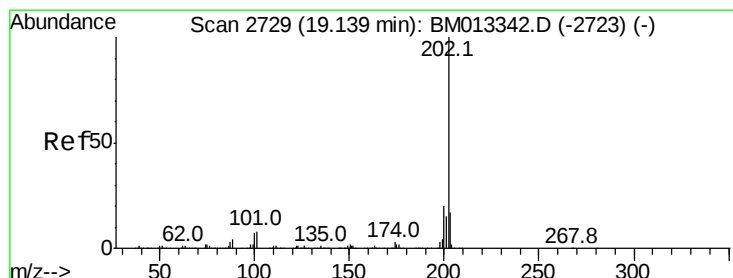
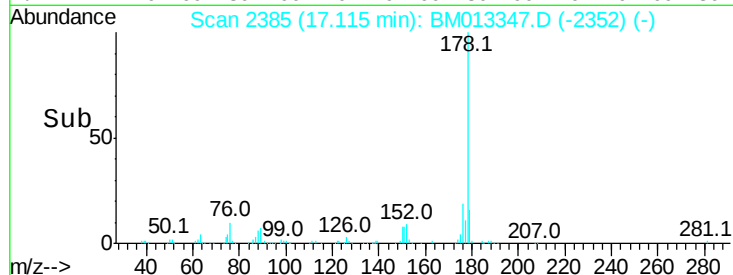
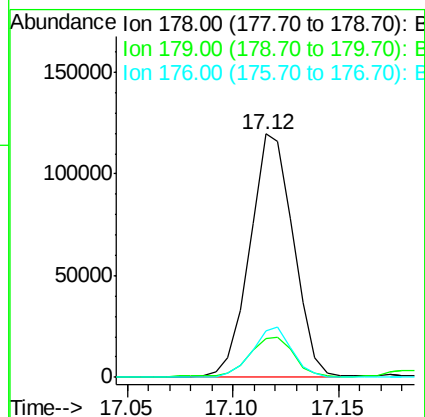
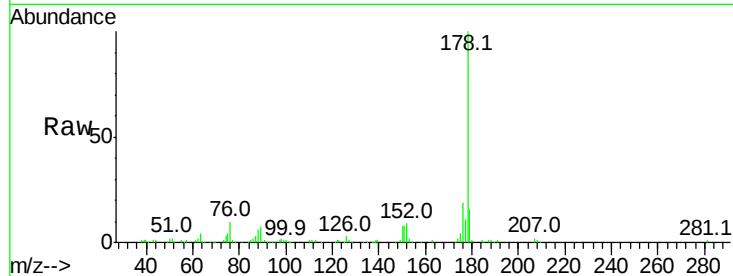
#69
Phenanthrene
Concen: 2.775 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM013347.D
Acq: 12 Dec 2017 20:01

Instrument :
BNA_M
ClientSampleId :
F9A51

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	19.2	14.9	22.3

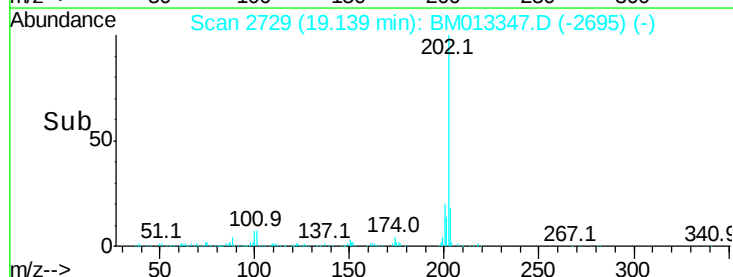
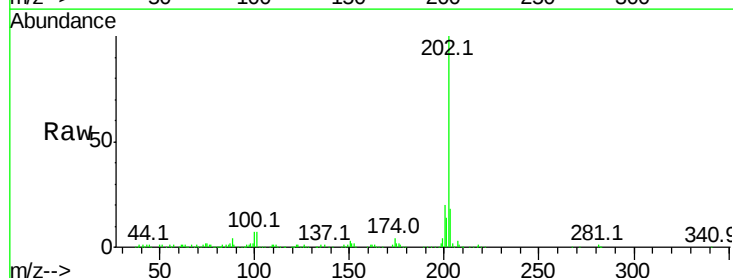
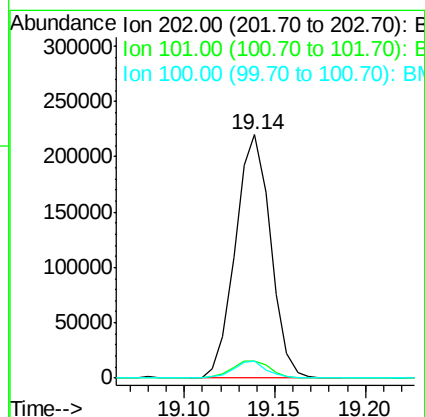
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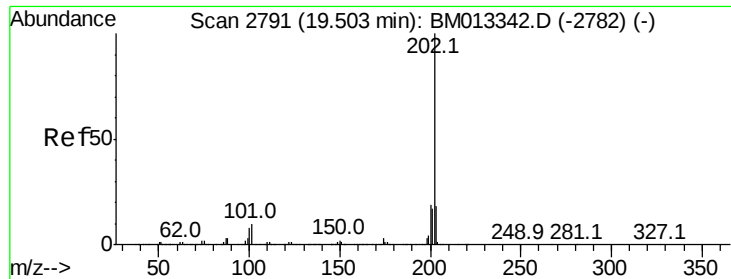
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#74
Fluoranthene
Concen: 3.907 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM013347.D
Acq: 12 Dec 2017 20:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	4.6	7.0#
100	6.8	3.4	5.2#





#77

Pvrene

Concen: 3.644 ng/ul

RT: 19.50 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BM013347.D

Acq: 12 Dec 2017 20:01

Instrument :

BNA_M

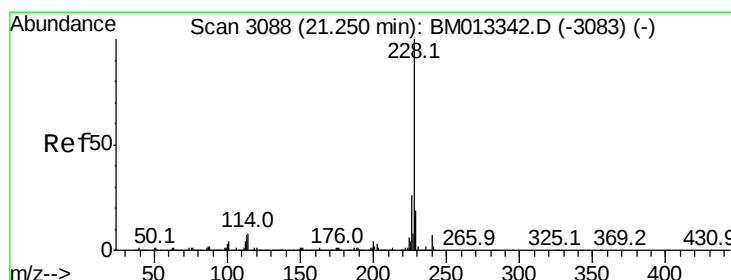
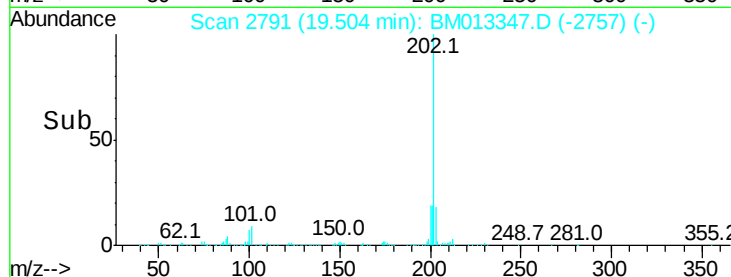
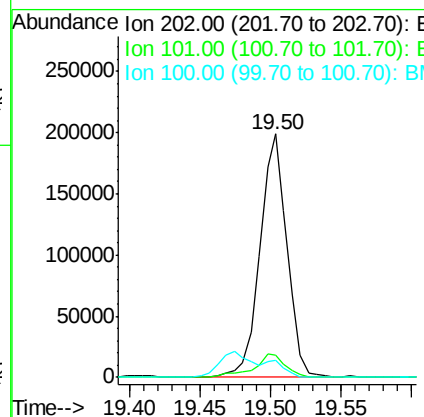
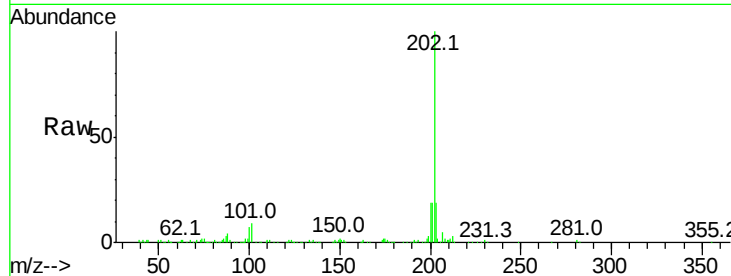
ClientSampled :

F9A51

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.9	5.1	7.7#
100	7.0	4.9	7.3

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#80

Benzo(a)anthracene

Concen: 1.848 ng/ul

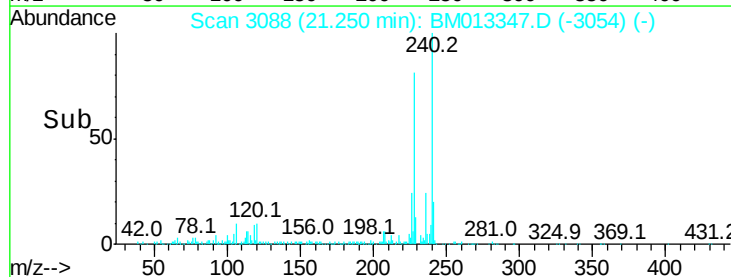
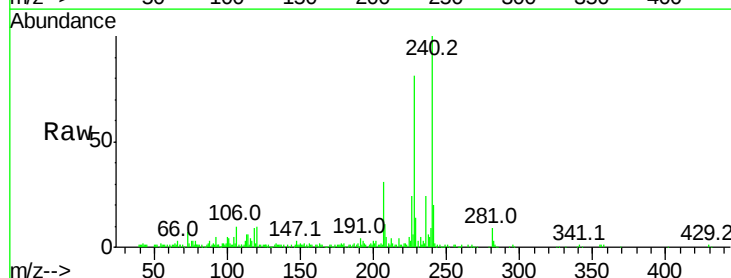
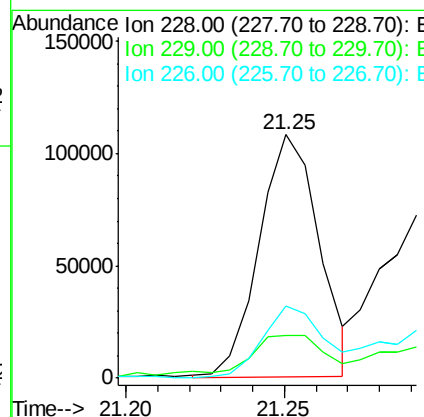
RT: 21.25 min Scan# 3088

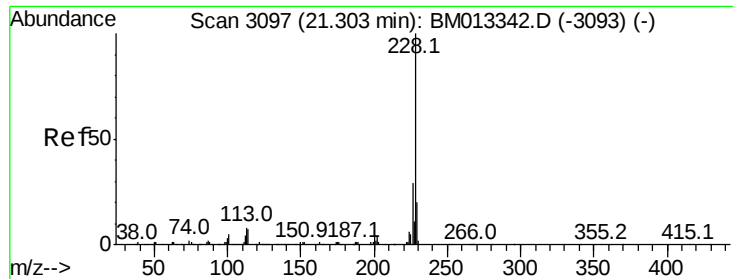
Delta R.T. 0.00 min

Lab File: BM013347.D

Acq: 12 Dec 2017 20:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	17.6	15.4	23.0
226	29.7	21.4	32.0





#82

Chrysene

Concen: 2.702 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BM013347.D

Acq: 12 Dec 2017 20:01

Instrument :

BNA_M

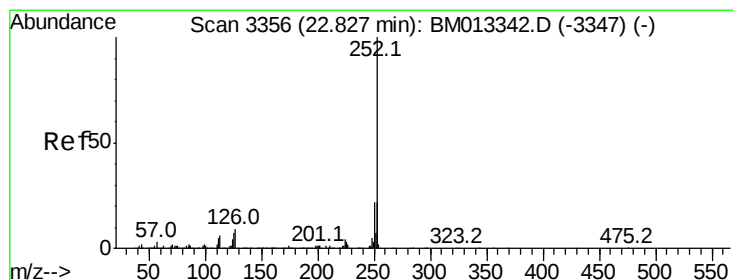
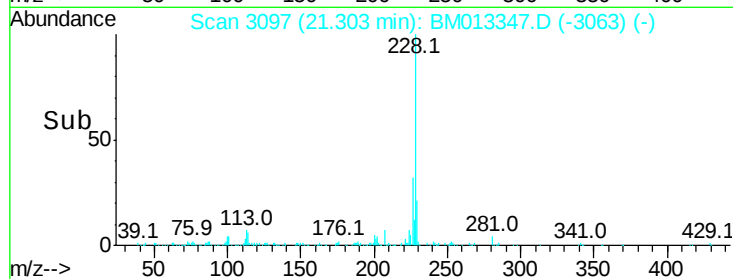
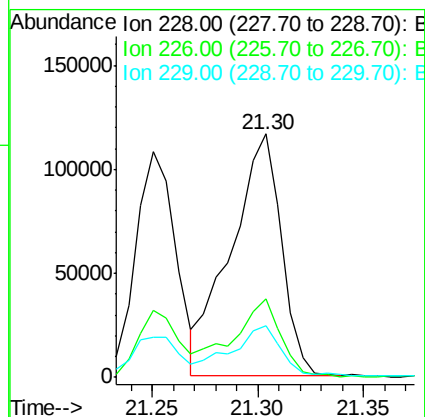
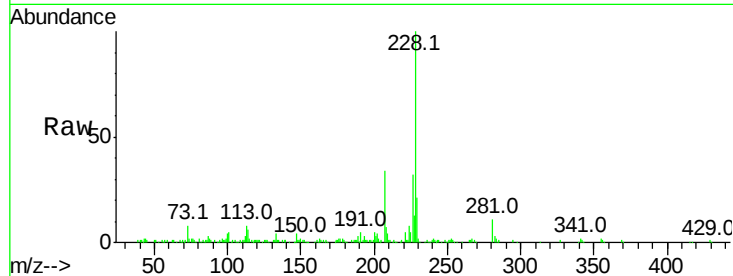
ClientSampled :

F9A51

Tot Ion:	228	Resp:	192649
Ion Ratio	Lower	Upper	
228	100		
226	32.1	23.4	35.2
229	21.0	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 3.824 ng/ul

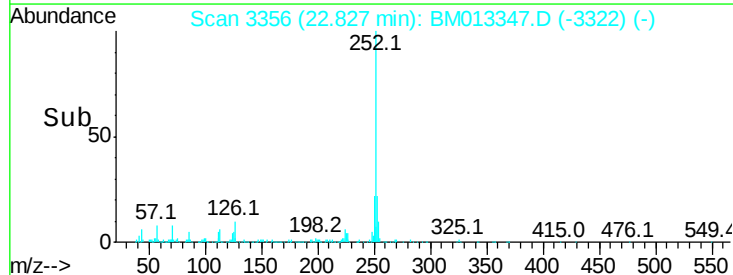
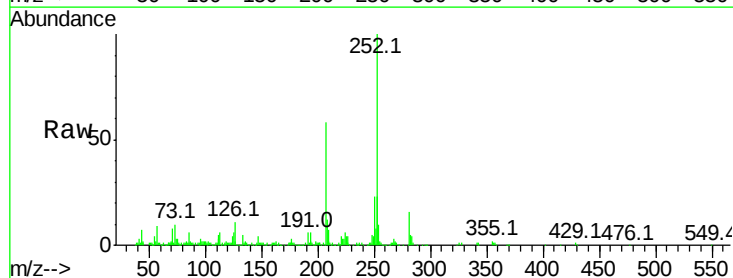
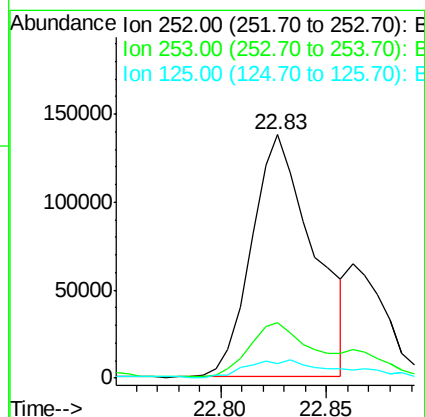
RT: 22.83 min Scan# 3356

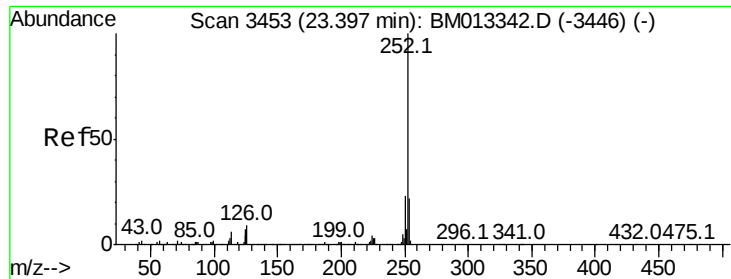
Delta R.T. 0.00 min

Lab File: BM013347.D

Acq: 12 Dec 2017 20:01

Tgt Ion:	252	Resp:	278730
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.9	26.9
125	6.1	3.6	5.4#





#88

Benzo(a)pyrene

Concen: 1.801 ng/ul

RT: 23.39 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM013347.D

Acq: 12 Dec 2017 20:01

Instrument :

BNA_M

ClientSampleId :

F9A51

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.7	18.2	27.2
125	9.8	4.0	6.0

Manual Integrations
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