

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012358.D
 Acq On : 21 Oct 2017 14:35
 Operator : SJ/JU
 Sample : I5756-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0CM7

Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:59:29 PM

Quant Time: Oct 23 06:47:24 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 05:01:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	184458	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	832167	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	538281	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1252147	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1397813	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1217758	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	19604	5.05	ng/uL	0.00
5) Phenol-d5	6.94	99	411698	27.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	258860	28.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	362755	28.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	362955	28.17	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	181739	28.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	220257	29.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	403491	28.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	422121	31.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1483593	31.18	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1757969	30.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	125329	17.52	ng/ul	0.01
57) Fluorene-d10	15.42	176	1237665	31.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	181859	21.16	ng/ul	0.00
70) Anthracene-d10	17.27	188	1848554	29.86	ng/ul	0.00
76) Pyrene-d10	19.57	212	2261276	31.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	1844837	31.42	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.97	94	79962	5.168	ng/ul	89
44) Dimethylphthalate	13.88	163	409499	8.591	ng/ul	99
69) Phenanthrene	17.21	178	163741	2.299	ng/ul	96
74) Fluoranthene	19.24	202	468131	5.446	ng/ul	98
77) Pyrene	19.59	202	452596	4.903	ng/ul#	95
80) Benzo(a)anthracene	21.34	228	268099	2.948	ng/ul	98
82) Chrysene	21.39	228	254118	2.976	ng/ul	96
85) Benzo(b)fluoranthene	22.96	252	334266	4.206	ng/ul#	93
86) Benzo(k)fluoranthene	22.99	252	117724m	1.537	ng/ul	
88) Benzo(a)pyrene	23.55	252	221045	2.951	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	25.99	276	127949	1.609	ng/ul	96
91) Benzo(g,h,i)perylene	26.72	276	96658	1.484	ng/ul#	91

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

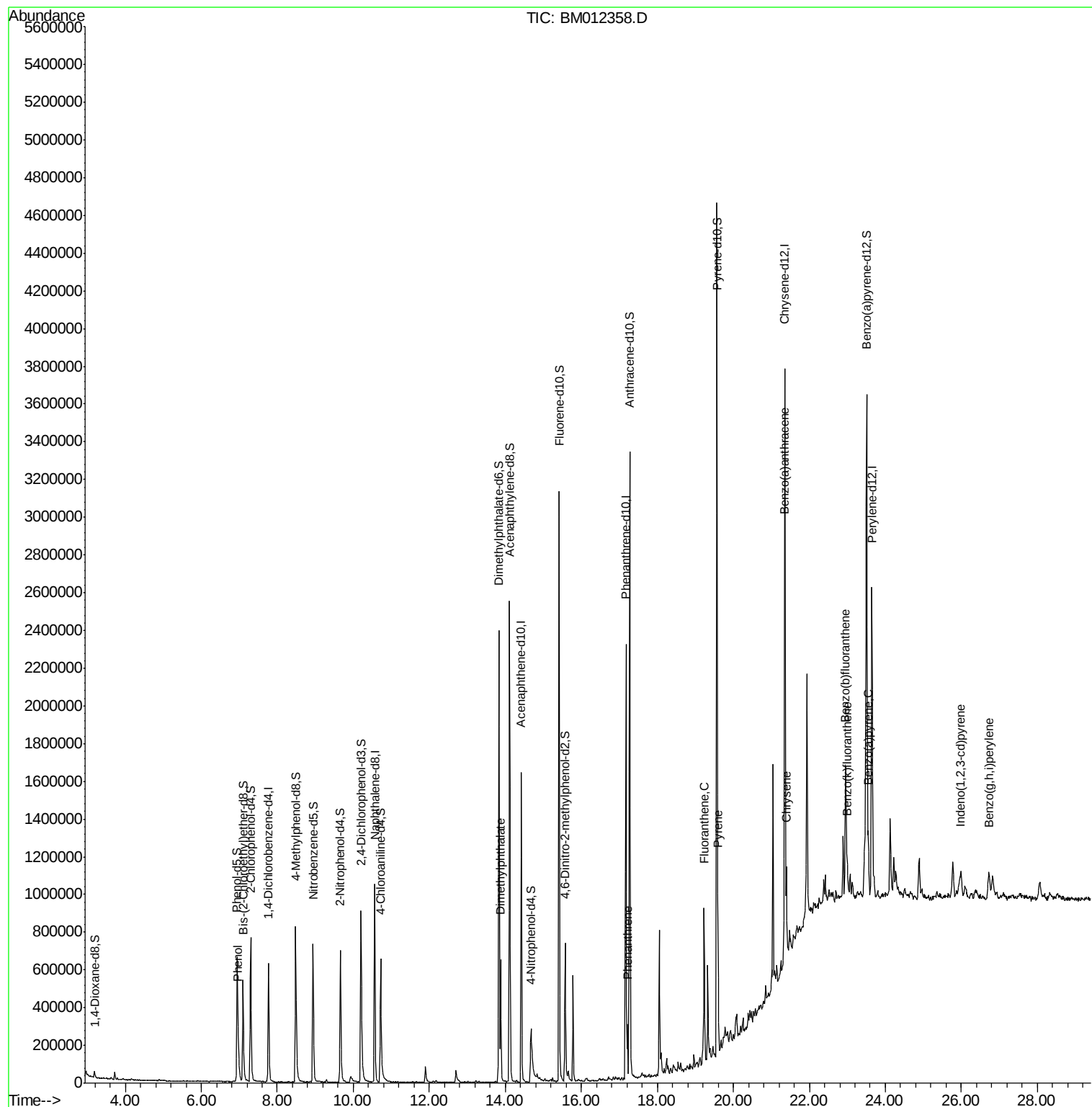
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
Data File : BM012358.D
Acq On : 21 Oct 2017 14:35
Operator : SJ/JU
Sample : I5756-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

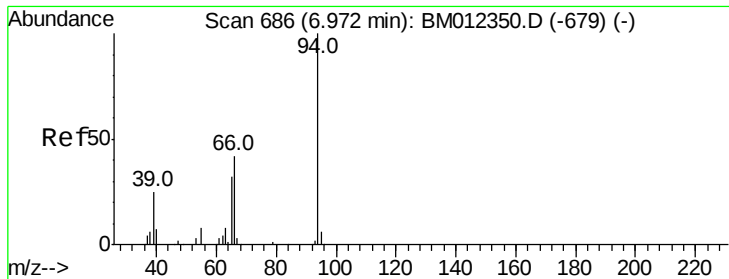
Instrument :
BNA_M
ClientSampled :
B0CM7

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Quant Time: Oct 23 06:47:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 05:01:01 2017
Response via : Initial Calibration





#6

Phenol

Concen: 5.168 ng/ul

RT: 6.97 min Scan# 686

Delta R.T. 0.00 min

Lab File: BM012358.D

Acq: 21 Oct 2017 14:35

Instrument :

BNA_M

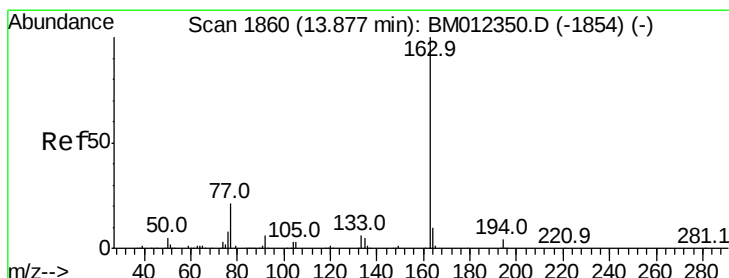
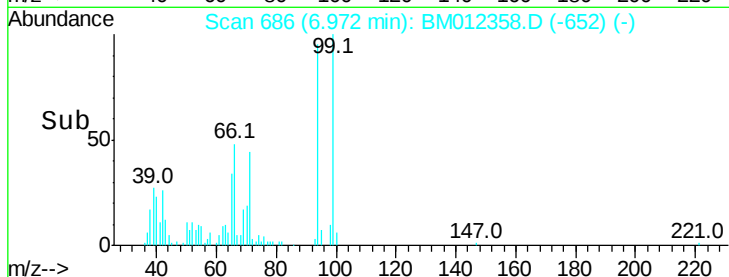
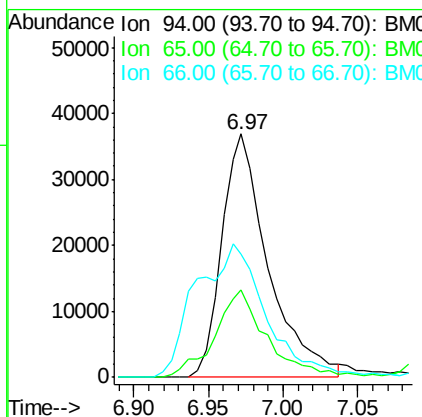
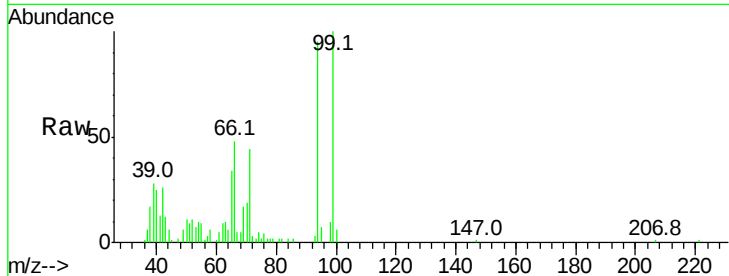
ClientSampleId :

B0CM7

Tot Ion:	94	Resp:	79962
Ion Ratio	Lower	Upper	
94	100		
65	35.8	24.4	36.6
66	50.8	35.0	52.4

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#44

Dimethylphthalate

Concen: 8.591 ng/ul

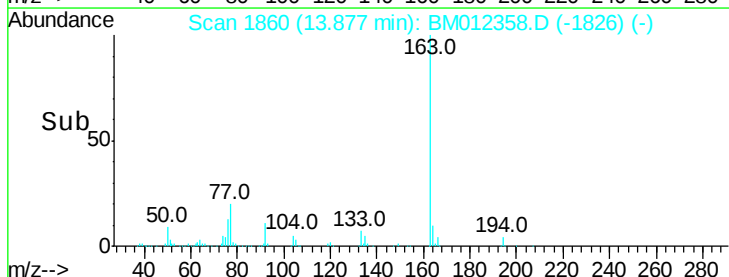
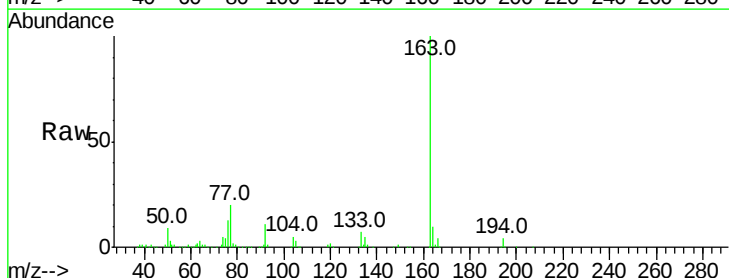
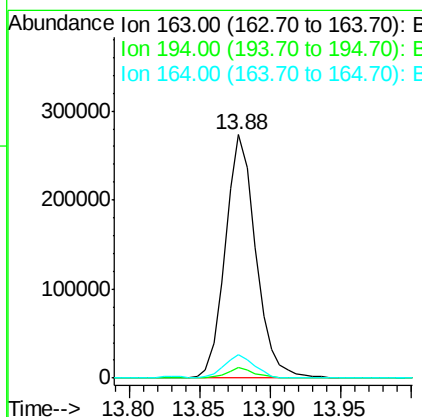
RT: 13.88 min Scan# 1860

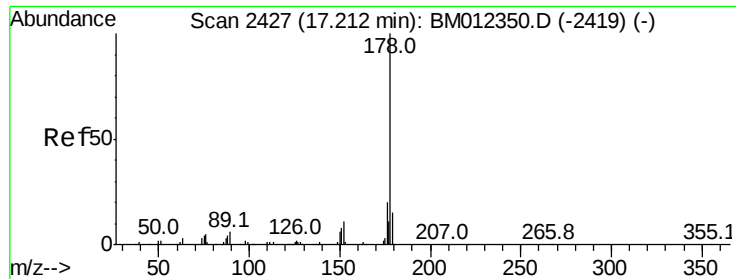
Delta R.T. 0.00 min

Lab File: BM012358.D

Acq: 21 Oct 2017 14:35

Tgt Ion:	163	Resp:	409499
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.7	5.5
164	9.6	8.1	12.1





#69

Phenanthrene

Concen: 2.299 ng/ul

RT: 17.21 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BM012358.D

Acq: 21 Oct 2017 14:35

Instrument :

BNA_M

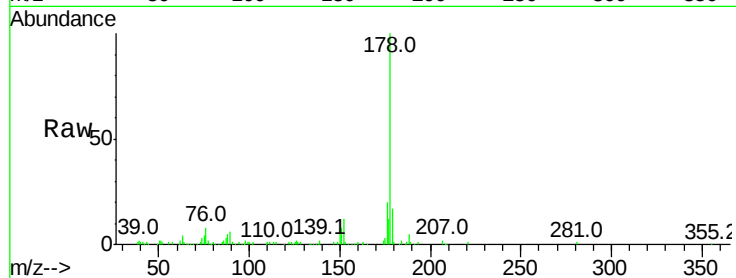
ClientSampleId :

B0CM7

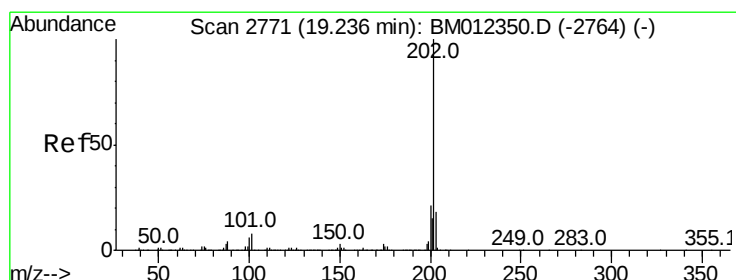
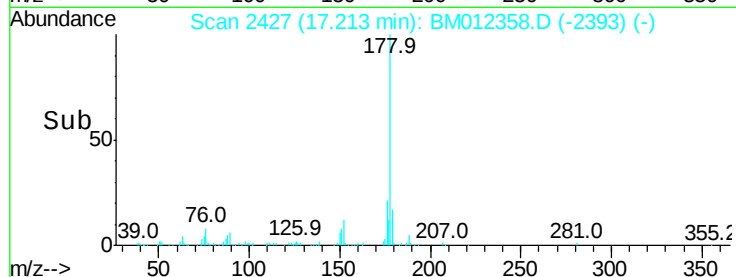
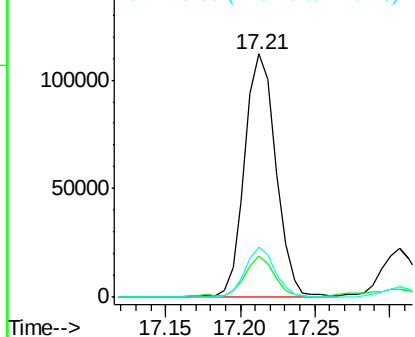
Tot Ion:	178	Resp:	163741
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.0	18.0
176	20.5	15.0	22.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 5.446 ng/ul

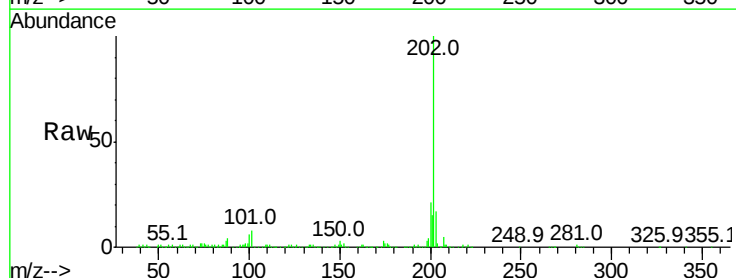
RT: 19.24 min Scan# 2771

Delta R.T. 0.00 min

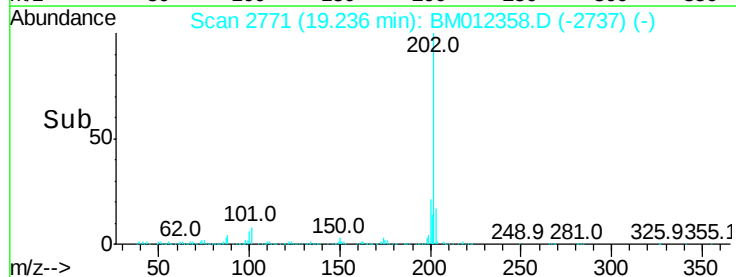
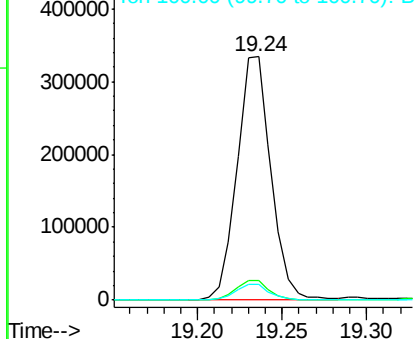
Lab File: BM012358.D

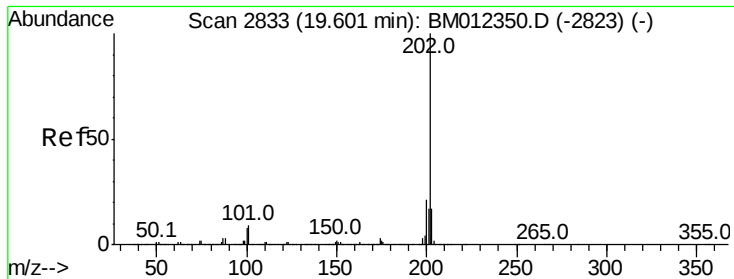
Acq: 21 Oct 2017 14:35

Tgt Ion:	202	Resp:	468131
Ion Ratio	Lower	Upper	
202	100		
101	7.8	5.8	8.6
100	6.4	4.3	6.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 4.903 ng/ul

RT: 19.59 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BM012358.D

Acq: 21 Oct 2017 14:35

Instrument :

BNA_M

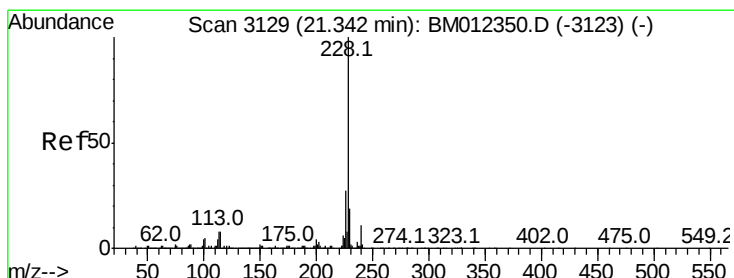
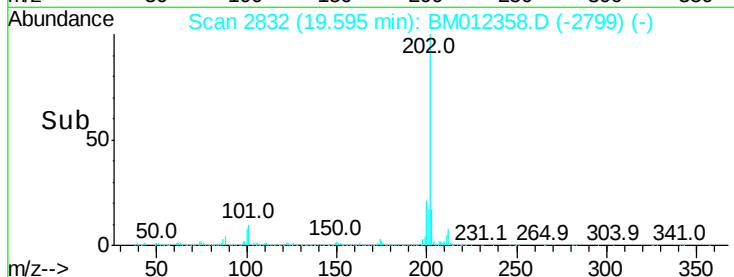
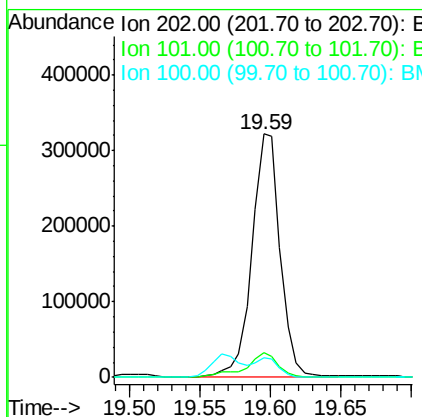
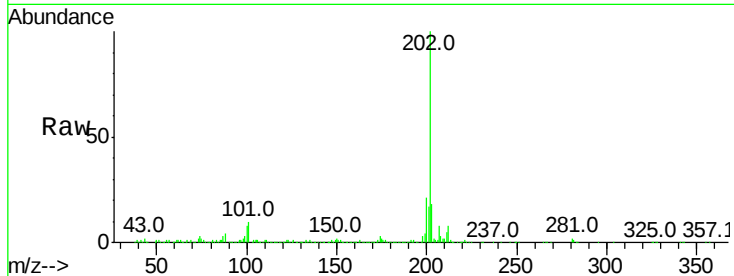
ClientSampleId :

B0CM7

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	6.5	9.7#
100	8.3	5.6	8.4

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#80

Benzo(a)anthracene

Concen: 2.948 ng/ul

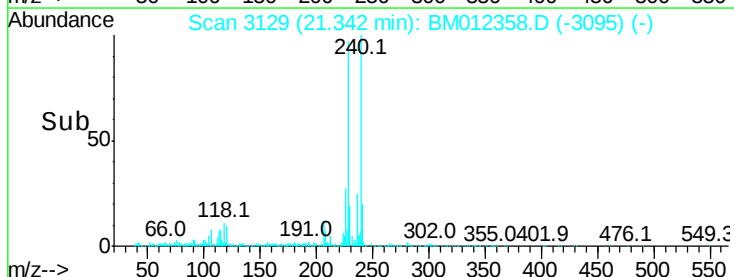
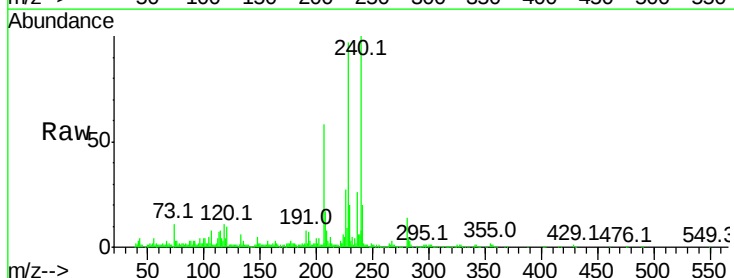
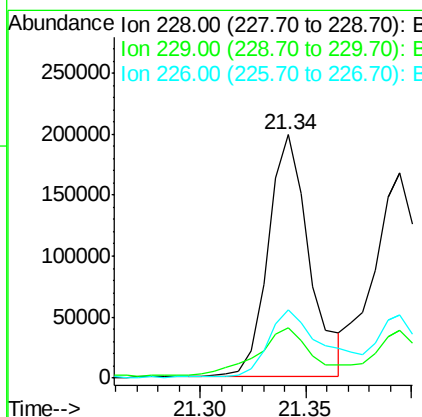
RT: 21.34 min Scan# 3129

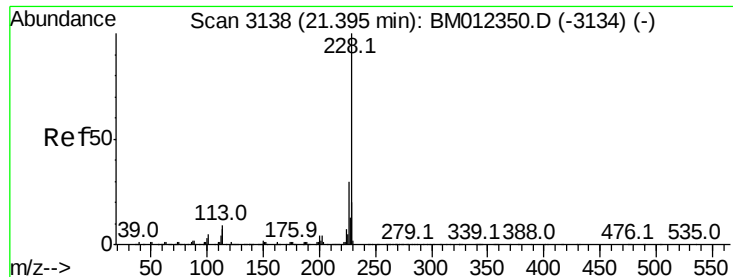
Delta R.T. 0.00 min

Lab File: BM012358.D

Acq: 21 Oct 2017 14:35

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	15.8	23.8
226	28.2	21.4	32.2





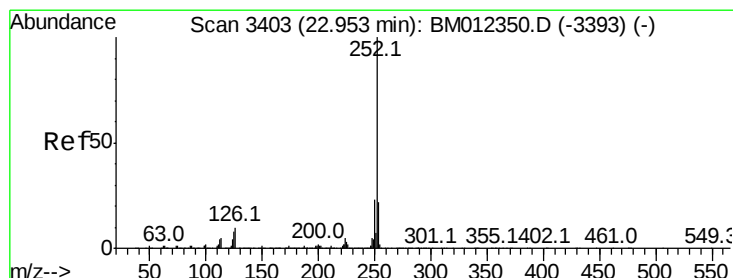
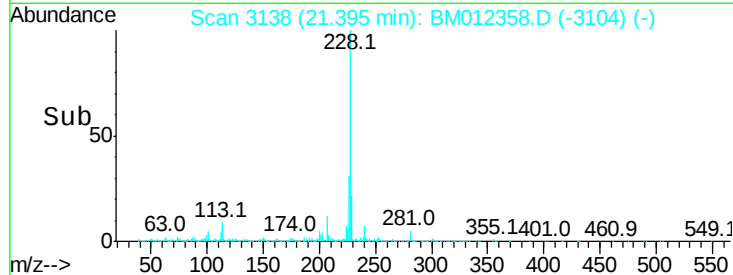
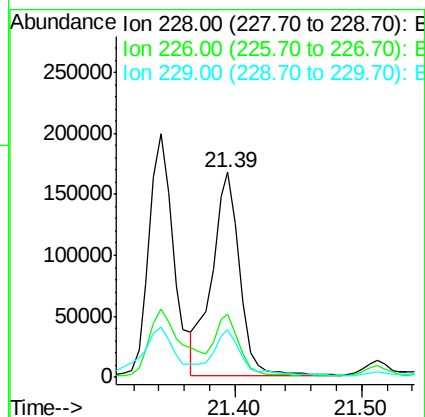
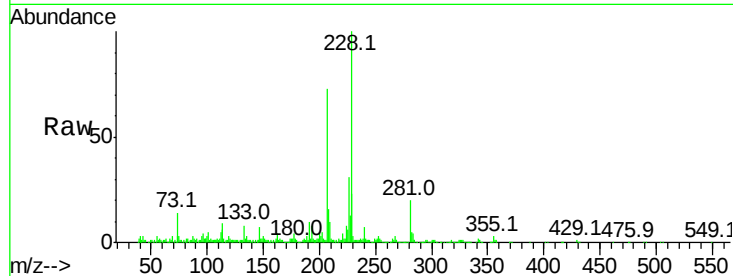
#82
Chrysene
Concen: 2.976 ng/ul
RT: 21.39 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BM012358.D
Acq: 21 Oct 2017 14:35

Instrument :
BNA_M
ClientSampleId :
B0CM7

Tot Ion:	228	Resp:	254118
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.0	36.0
229	23.2	15.5	23.3

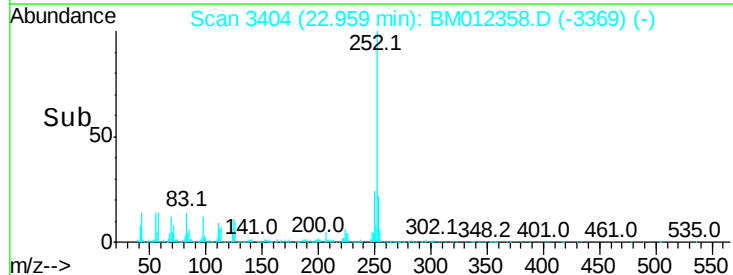
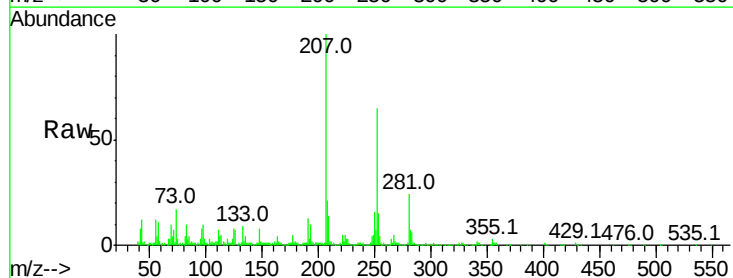
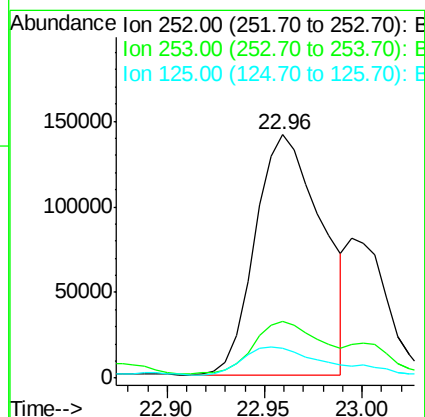
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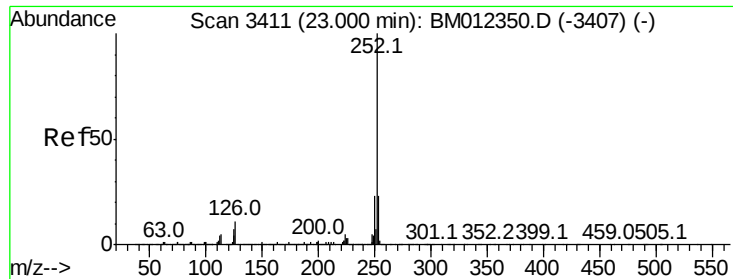
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#85
Benzo(b)fluoranthene
Concen: 4.206 ng/ul
RT: 22.96 min Scan# 3404
Delta R.T. 0.01 min
Lab File: BM012358.D
Acq: 21 Oct 2017 14:35

Tgt Ion:	252	Resp:	334266
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.4	26.2
125	12.5	5.1	7.7#





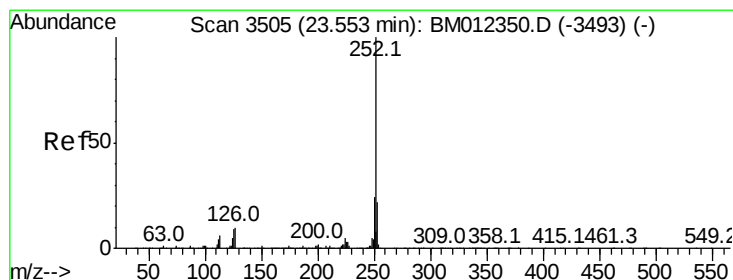
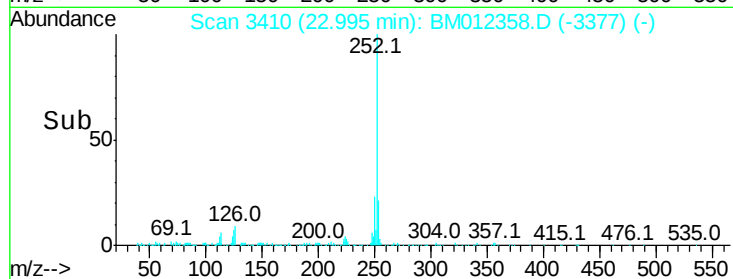
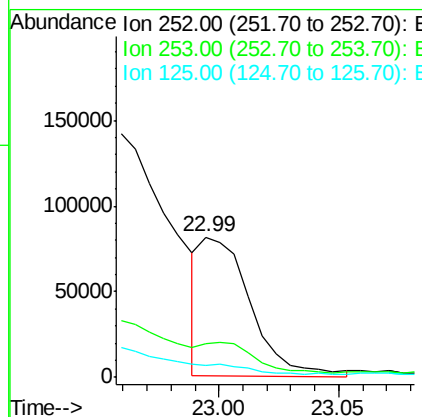
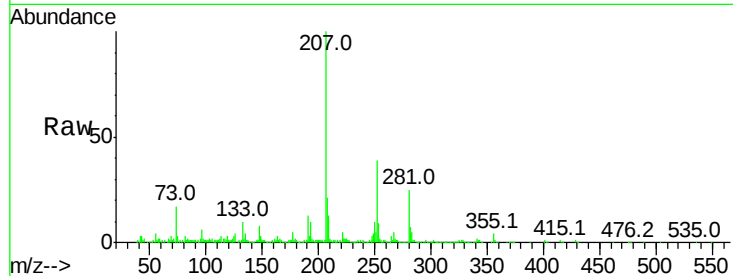
#86
Benzo(k)fluoranthene
Concen: 1.537 ng/ul m
RT: 22.99 min Scan# 3410
Delta R.T. -0.01 min
Lab File: BM012358.D
Acq: 21 Oct 2017 14:35

Instrument :
BNA_M
ClientSampled :
B0CM7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	8.8	4.9	7.3

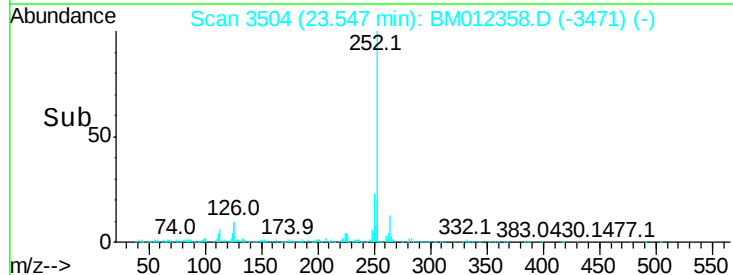
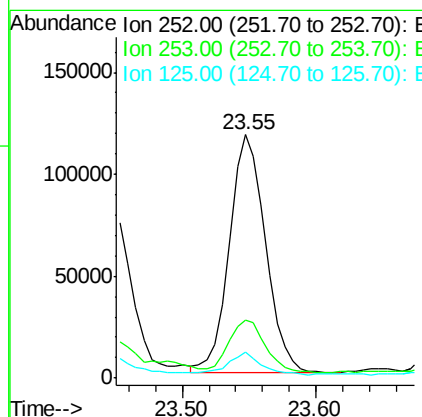
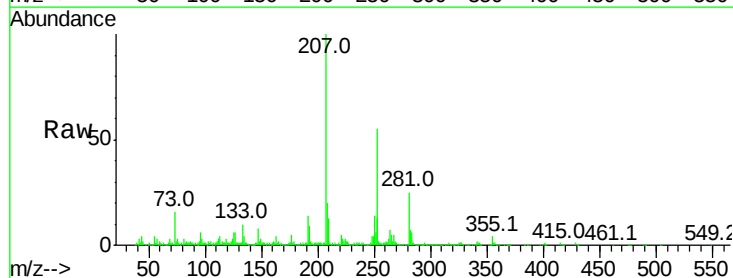
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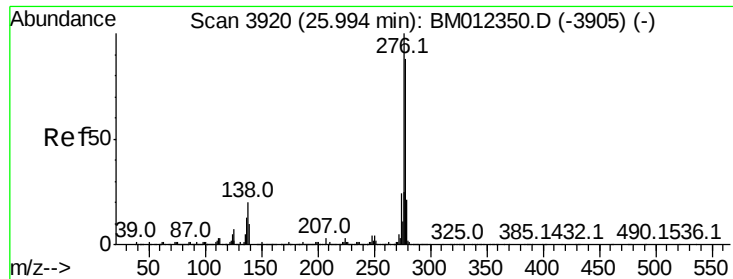
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#88
Benzo(a)pyrene
Concen: 2.951 ng/ul
RT: 23.55 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BM012358.D
Acq: 21 Oct 2017 14:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	10.9	5.2	7.8





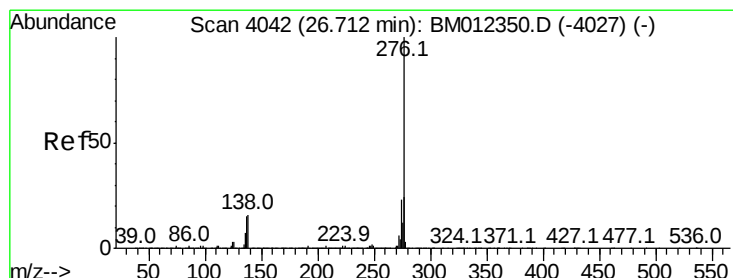
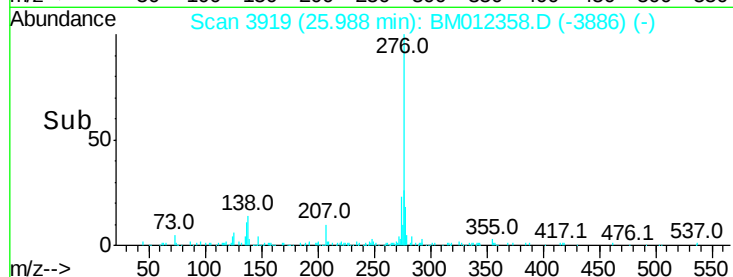
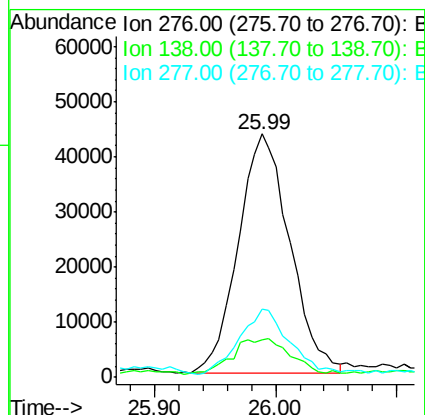
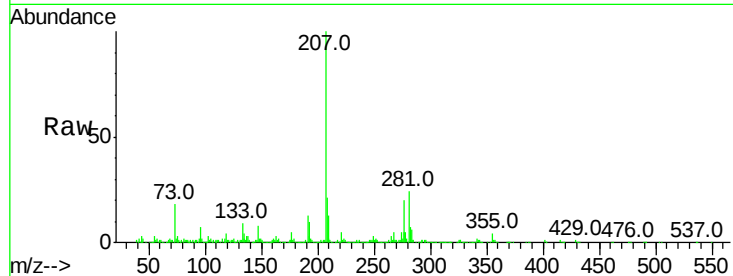
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.609 ng/ul
 RT: 25.99 min Scan# 3919
 Delta R.T. -0.01 min
 Lab File: BM012358.D
 Acq: 21 Oct 2017 14:35

Instrument :
 BNA_M
 ClientSampleId :
 B0CM7

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.5	13.2	19.8
277	28.1	20.6	31.0

Manual Integrations
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#91
 Benzo(g,h,i)perylene
 Concen: 1.484 ng/ul
 RT: 26.72 min Scan# 4043
 Delta R.T. 0.01 min
 Lab File: BM012358.D
 Acq: 21 Oct 2017 14:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	10.7	16.1#
277	25.3	19.0	28.4

