

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100617\
 Data File : BM011960.D
 Acq On : 07 Oct 2017 03:18
 Operator : SJ/JU
 Sample : I5462-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0BS3

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:39:08 PM

Quant Time: Oct 07 07:06:11 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 07 05:58:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	284368	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1141739	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	647358	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1425025	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1546134	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	1676106	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	21356	3.55	ng/uL	0.00
5) Phenol-d5	7.02	99	386400	15.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	248310	17.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	349642	17.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	324411	15.34	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	157662	19.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	181573	19.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	342329	18.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	224953	11.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1054147	18.79	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1290547	19.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	113568	11.59	ng/ul	0.00
57) Fluorene-d10	15.49	176	892094	18.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	129602	13.52	ng/ul	0.00
70) Anthracene-d10	17.34	188	1332367	18.97	ng/ul	0.00
76) Pyrene-d10	19.63	212	1498567	21.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1522495	18.88	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.05	94	24729	1.02	ng/ul	90
44) Dimethylphthalate	13.95	163	244597	4.53	ng/ul	100
69) Phenanthrene	17.29	178	178776	2.28	ng/ul	98
73) Di-n-butylphthalate	18.20	149	160662	1.94	ng/ul#	98
74) Fluoranthene	19.30	202	350627	3.67	ng/ul#	89
77) Pyrene	19.66	202	381849	4.45	ng/ul#	90
80) Benzo(a)anthracene	21.40	228	192076	2.17	ng/ul	94
82) Chrysene	21.46	228	248903	2.96	ng/ul	95
85) Benzo(b)fluoranthene	23.04	252	361461	3.55	ng/ul#	93
88) Benzo(a)pyrene	23.64	252	211773	2.16	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	26.11	276	171628	1.64	ng/ul#	93
91) Benzo(g,h,i)perylene	26.84	276	163600	1.89	ng/ul#	91

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

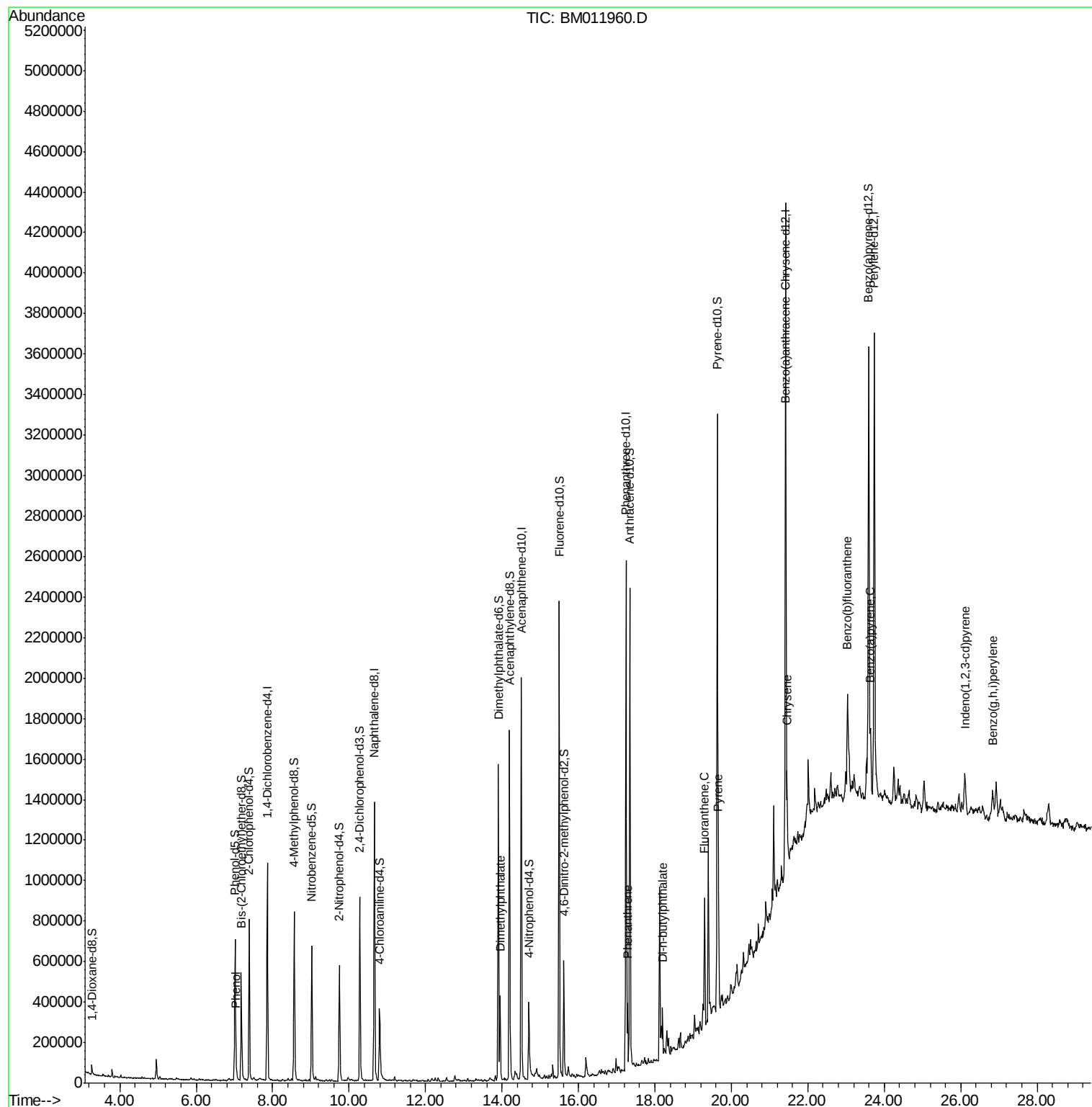
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100617\
Data File : BM011960.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

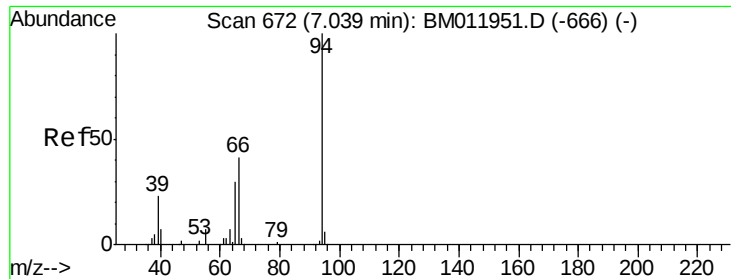
Instrument :
BNA_M
ClientSampleId :
B0BS3

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Quant Time: Oct 07 07:06:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 05:58:48 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.02 ng/ul

RT: 7.05 min Scan# 673

Delta R.T. 0.01 min

Lab File: BM011960.D

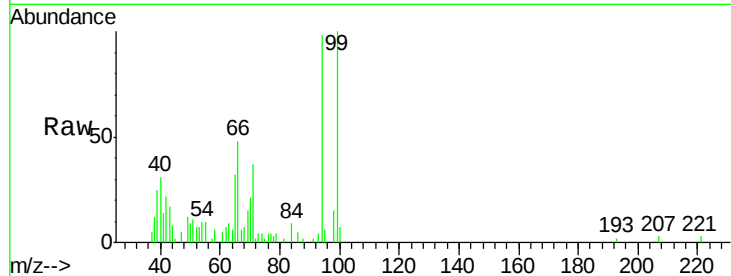
Acq: 07 Oct 2017 03:18

Instrument :

BNA_M

ClientSampleId :

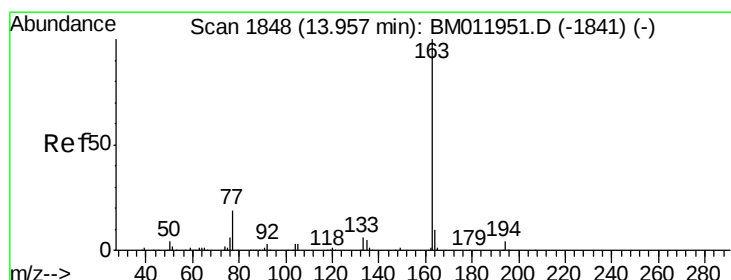
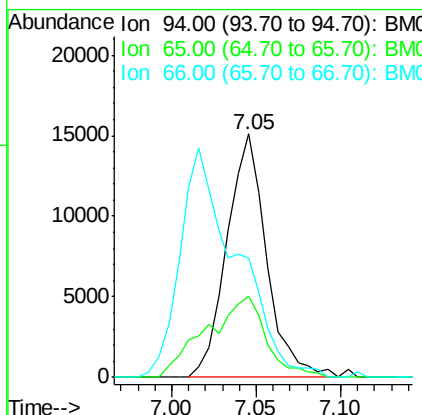
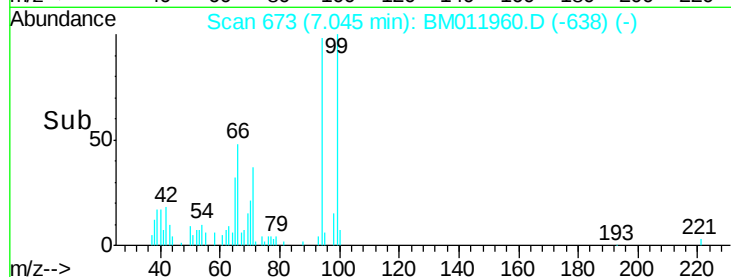
B0BS3



Tgt Ion:	94	Resp:	24729
Ion Ratio	Lower	Upper	
94	100		
65	33.2	28.2	42.4
66	49.2	47.2	70.8

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#44

Dimethylphthalate

Concen: 4.53 ng/ul

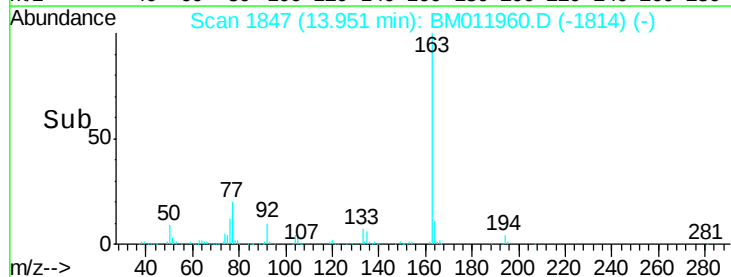
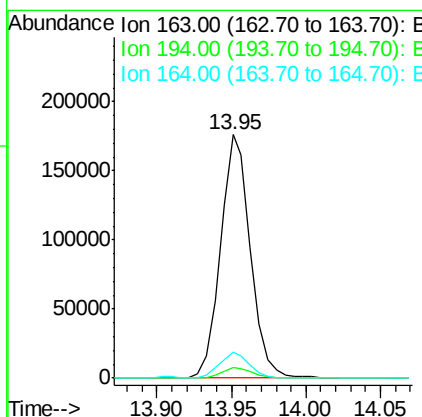
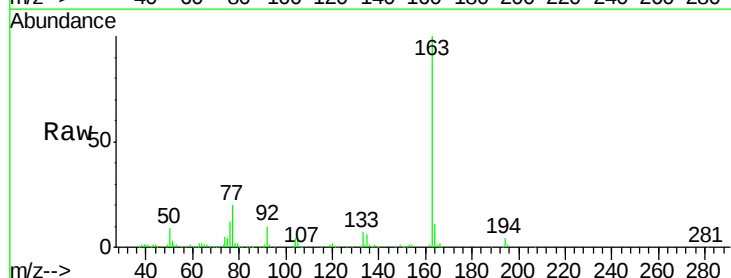
RT: 13.95 min Scan# 1847

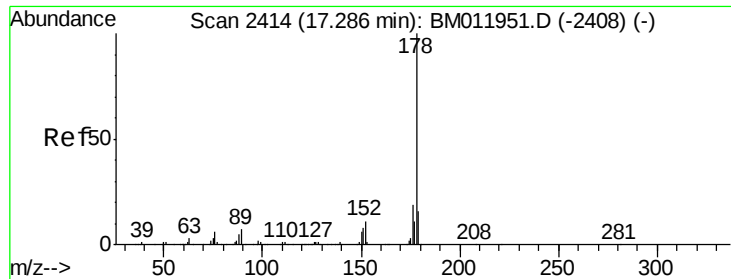
Delta R.T. -0.01 min

Lab File: BM011960.D

Acq: 07 Oct 2017 03:18

Tgt Ion:	163	Resp:	244597
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.5	8.2	12.4





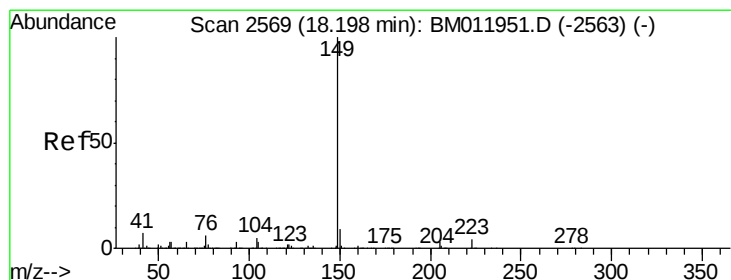
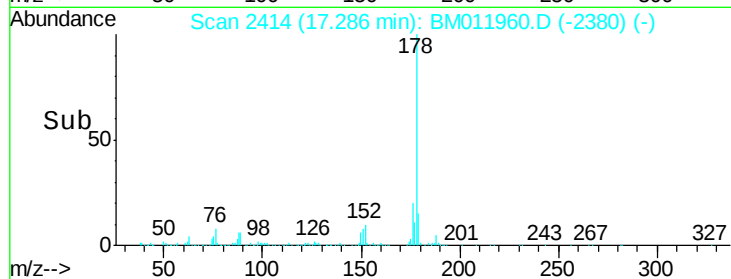
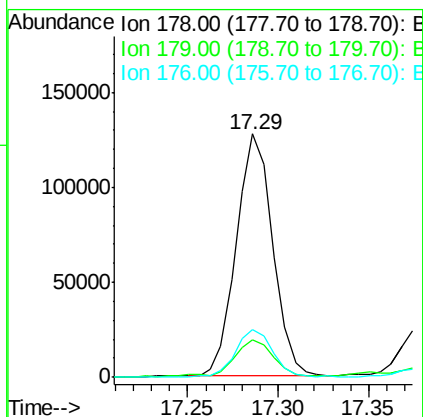
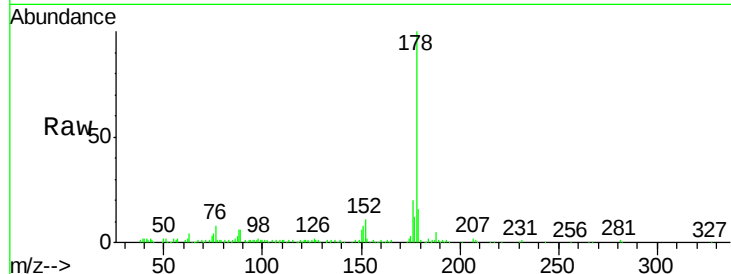
#69
 Phenanthrene
 Concen: 2.28 ng/ul
 RT: 17.29 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BM011960.D
 Acq: 07 Oct 2017 03:18

Instrument :
 BNA_M
 ClientSampleId :
 B0BS3

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	178776		
179	15.5		12.6	19.0
176	19.7		14.9	22.3

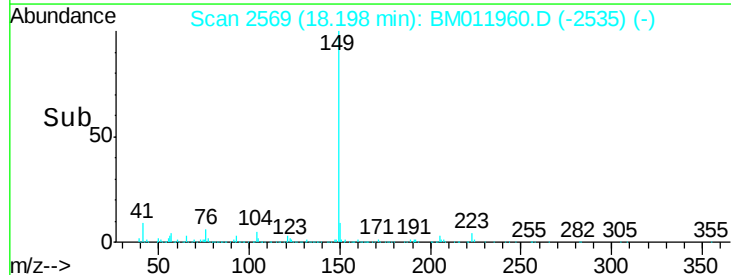
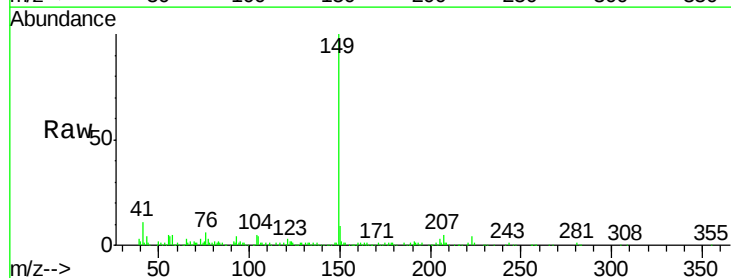
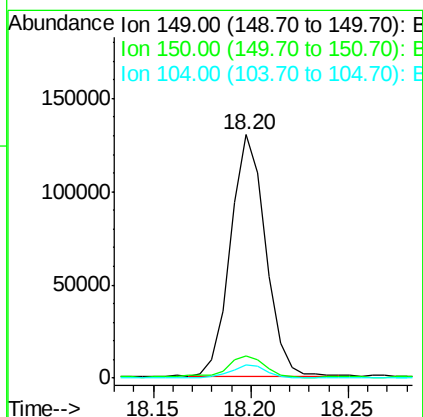
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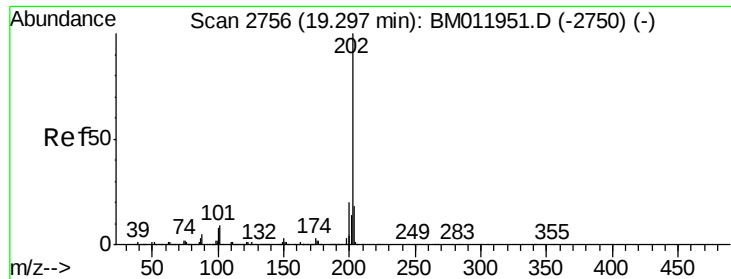
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#73
 Di-n-butylphthalate
 Concen: 1.94 ng/ul
 RT: 18.20 min Scan# 2569
 Delta R.T. 0.00 min
 Lab File: BM011960.D
 Acq: 07 Oct 2017 03:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	160662		
150	8.9		7.1	10.7
104	5.4		5.6	8.4#





#74

Fluoranthene

Concen: 3.67 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. 0.00 min

Lab File: BM011960.D

Acq: 07 Oct 2017 03:18

Instrument :

BNA_M

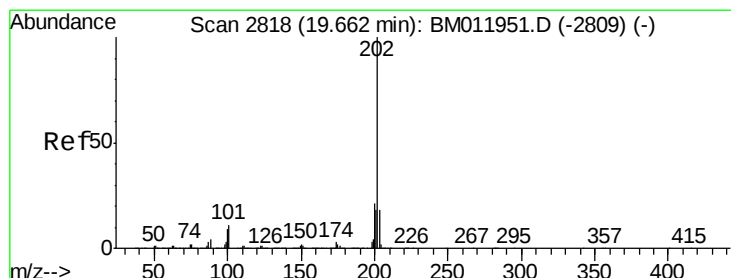
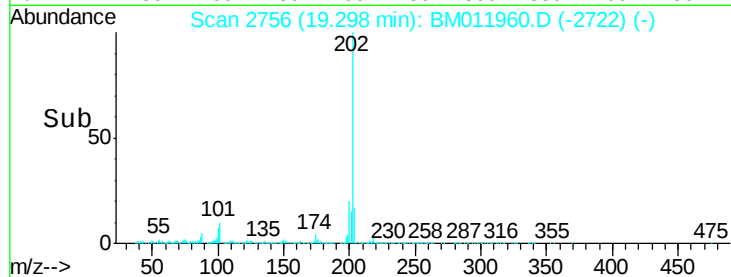
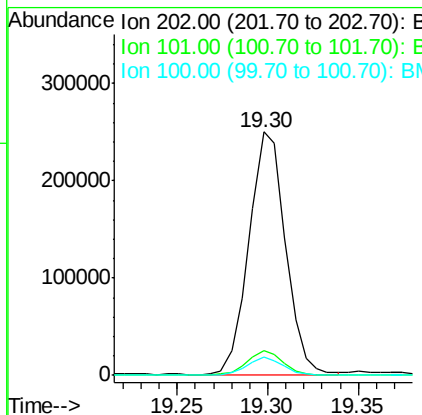
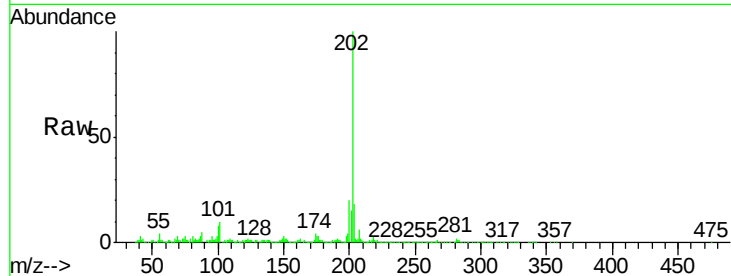
ClientSampleId :

B0BS3

Tgt	Ion	202	Resp:	350627
Ion	Ratio	Lower	Upper	
202	100			
101	10.0	4.6	7.0#	
100	7.6	3.4	5.2#	

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#77

Pyrene

Concen: 4.45 ng/ul

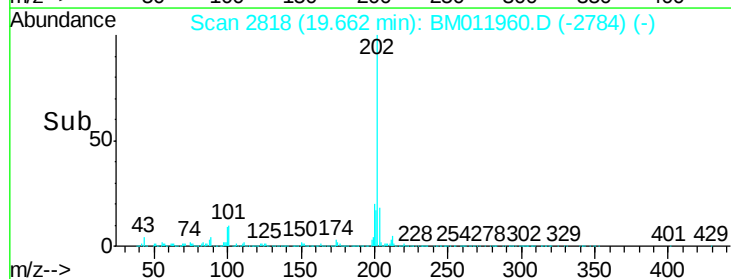
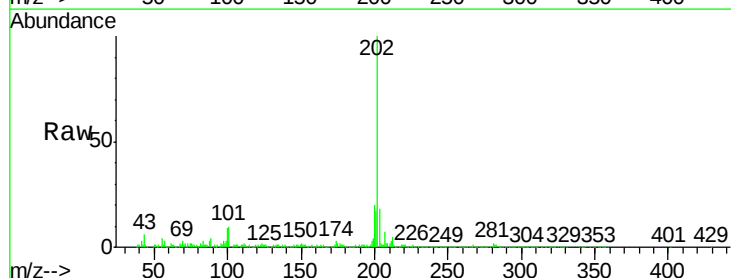
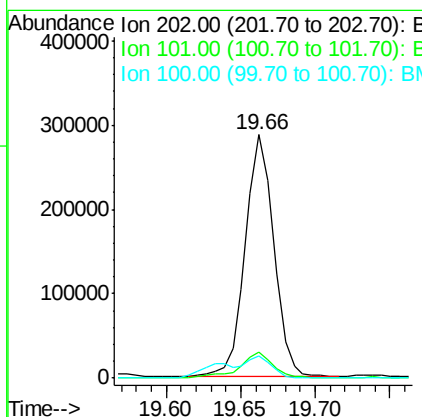
RT: 19.66 min Scan# 2818

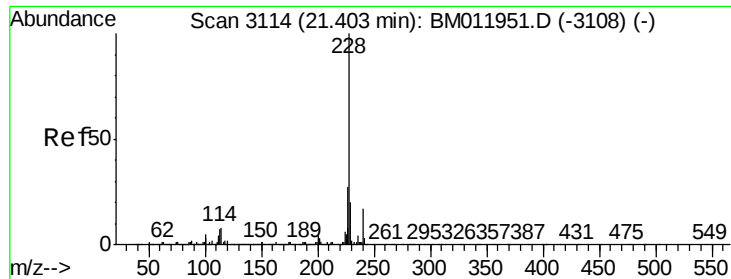
Delta R.T. 0.00 min

Lab File: BM011960.D

Acq: 07 Oct 2017 03:18

Tgt	Ion	202	Resp:	381849
Ion	Ratio	Lower	Upper	
202	100			
101	10.5	5.1	7.7#	
100	8.9	4.9	7.3#	





#80

Benzo(a)anthracene

Concen: 2.17 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BM011960.D

Acq: 07 Oct 2017 03:18

Instrument :

BNA_M

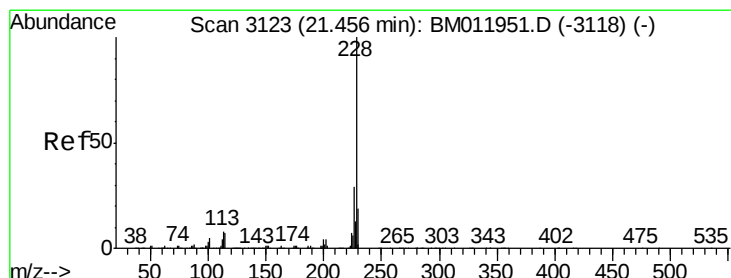
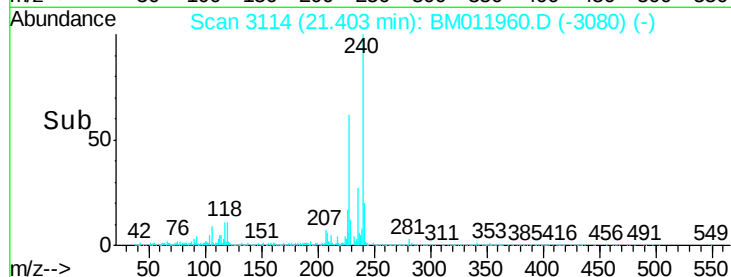
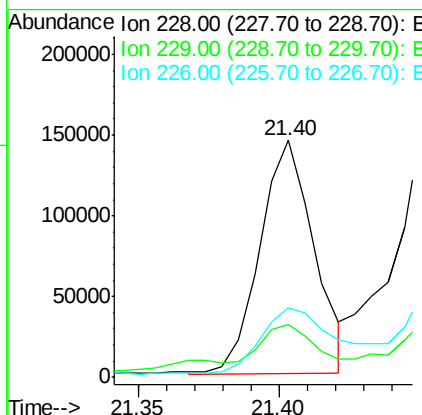
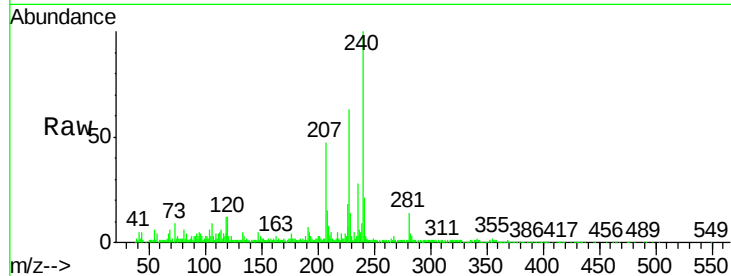
ClientSampleId :

B0BS3

Tgt Ion:	228	Resp:	192076
Ion Ratio	Lower	Upper	
228	100		
229	22.1	15.4	23.0
226	29.4	21.4	32.0

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#82

Chrysene

Concen: 2.96 ng/ul

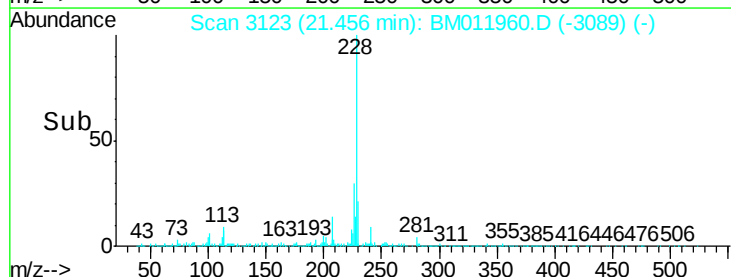
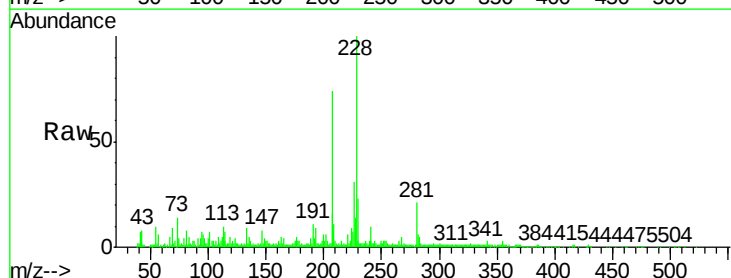
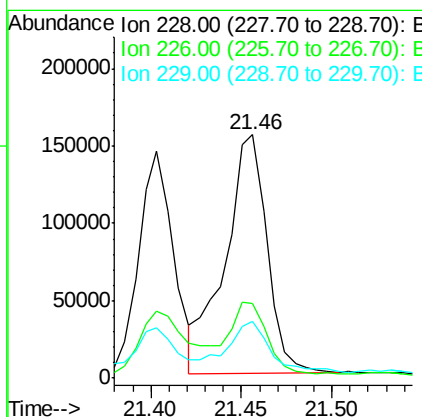
RT: 21.46 min Scan# 3123

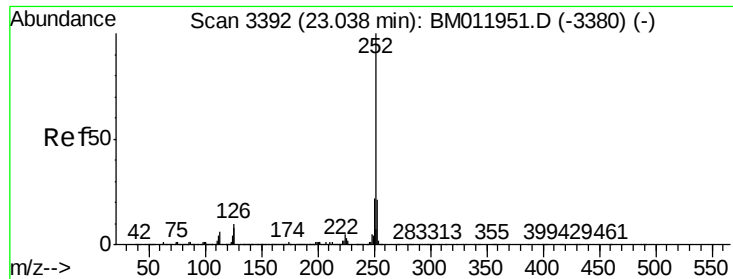
Delta R.T. 0.00 min

Lab File: BM011960.D

Acq: 07 Oct 2017 03:18

Tgt Ion:	228	Resp:	248903
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.4	35.2
229	23.1	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 3.55 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. 0.00 min

Lab File: BM011960.D

Acq: 07 Oct 2017 03:18

Instrument :

BNA_M

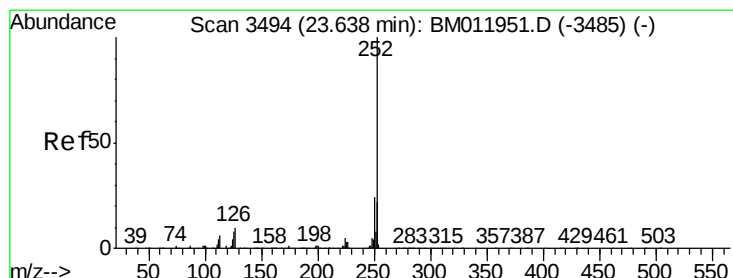
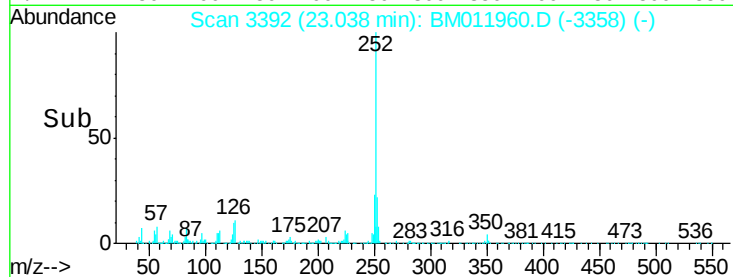
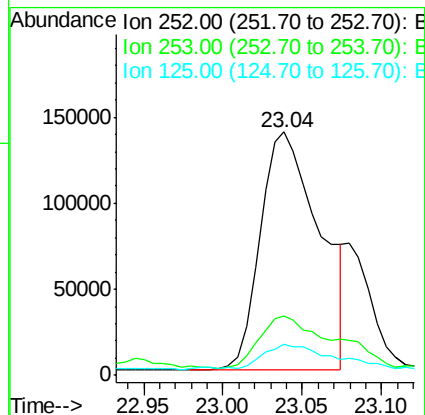
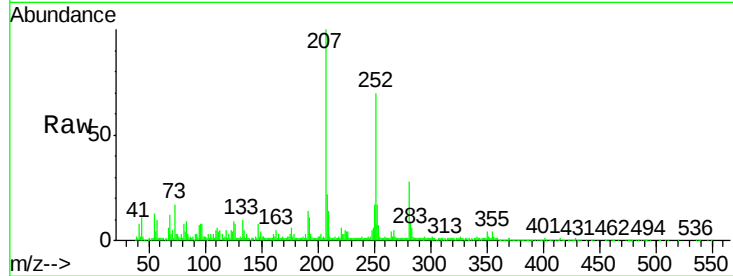
ClientSampleId :

B0BS3

Tgt Ion:	252	Resp:	361461
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.9	26.9
125	12.7	3.6	5.4#

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#88

Benzo(a)pyrene

Concen: 2.16 ng/ul

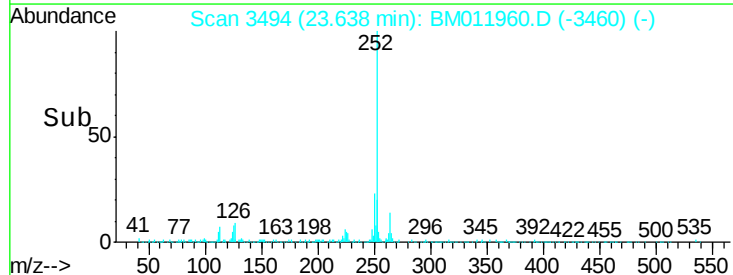
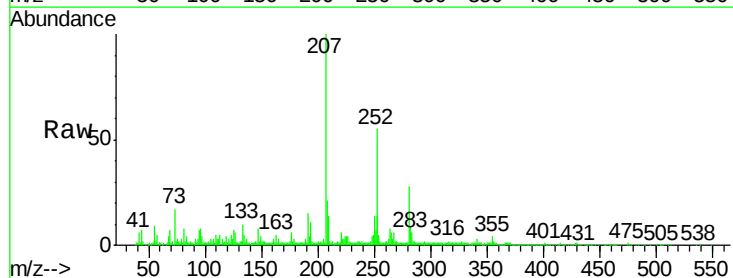
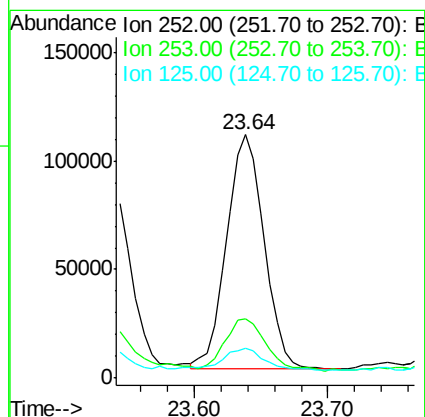
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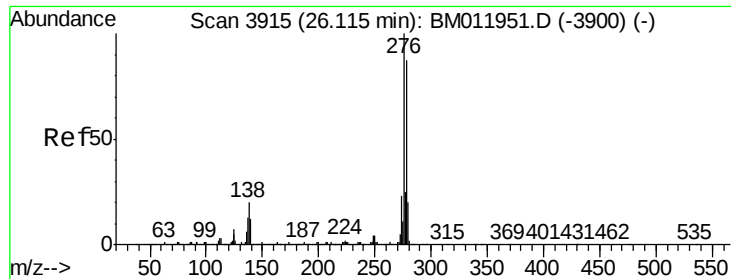
Delta R.T. 0.00 min

Lab File: BM011960.D

Acq: 07 Oct 2017 03:18

Tgt Ion:	252	Resp:	211773
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.2	27.2
125	12.0	4.0	6.0#





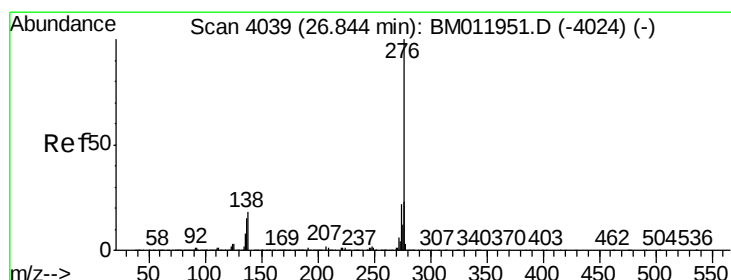
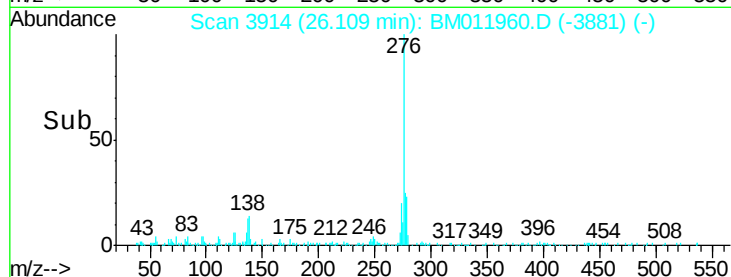
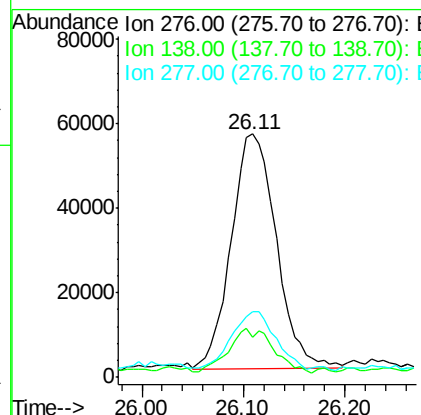
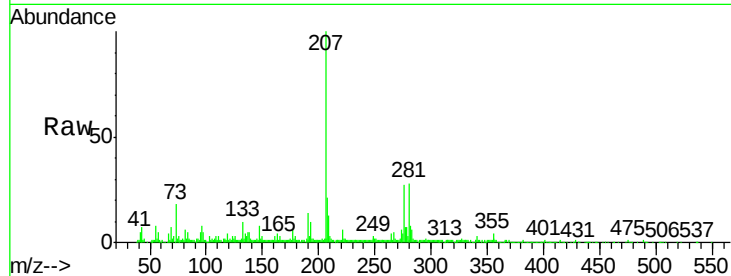
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.64 ng/ul
 RT: 26.11 min Scan# 3914
 Delta R.T. -0.01 min
 Lab File: BM011960.D
 Acq: 07 Oct 2017 03:18

Instrument :
 BNA_M
 ClientSampled :
 B0BS3

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.4	9.3	13.9#
277	26.8	19.9	29.9

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#91
 Benzo(g,h,i)perylene
 Concen: 1.89 ng/ul
 RT: 26.84 min Scan# 4039
 Delta R.T. 0.00 min
 Lab File: BM011960.D
 Acq: 07 Oct 2017 03:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	8.5	12.7#
277	25.4	18.6	28.0

