

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
 Data File : BM023860.D
 Acq On : 22 Nov 2019 15:57
 Operator : JU
 Sample : K5854-17
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD3

Manual Integrations
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Quant Time: Nov 22 17:20:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 22 15:55:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	276215	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	1134838	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	732283	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	1555428	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1552603	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	1898665	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	27119	4.05	ng/uL	0.00
5) Phenol-d5	6.70	99	593165	23.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	347601	24.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	498075	27.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	470495	23.42	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	240272	29.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	273582	32.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	503205	25.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	554018	25.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1551031	27.16	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1945244	29.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	161931	16.61	ng/ul	0.00
58) Fluorene-d10	15.17	176	1477561	29.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	135198	15.03	ng/ul	0.00
71) Anthracene-d10	17.02	188	2327318	31.54	ng/ul	0.00
79) Pyrene-d10	19.33	212	2594558	32.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	3180696	31.84	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.73	94	174984	6.746	ng/ul	98
14) Acetophenone	8.34	105	66496	2.123	ng/ul	97
16) 4-Methylphenol	8.29	108	34409	1.605	ng/ul	93
28) Naphthalene	10.33	128	169916	2.849	ng/ul	99
34) 2-Methylnaphthalene	11.96	142	121015	2.652	ng/ul	99
45) Dimethylphthalate	13.64	163	467200	8.348	ng/ul	99
70) Phenanthrene	16.97	178	456715	5.331	ng/ul	98
72) Anthracene	17.06	178	156857	1.821	ng/ul	97
77) Fluoranthene	18.99	202	762032	8.302	ng/ul#	95
80) Pyrene	19.36	202	797509	7.947	ng/ul	96
83) Benzo(a)anthracene	21.12	228	475154	4.640	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.07	149	747764	15.581	ng/ul	99
85) Chrysene	21.17	228	484253m	5.023	ng/ul	
88) Benzo(b)fluoranthene	22.65	252	797908	6.592	ng/ul#	88
89) Benzo(k)fluoranthene	22.69	252	245983m	2.110	ng/ul	
91) Benzo(a)pyrene	23.20	252	490112	4.423	ng/ul#	81
92) Indeno(1,2,3-cd)pyrene	25.43	276	345352	2.915	ng/ul	96
94) Benzo(g,h,i)perylene	26.08	276	318058	3.313	ng/ul#	91

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

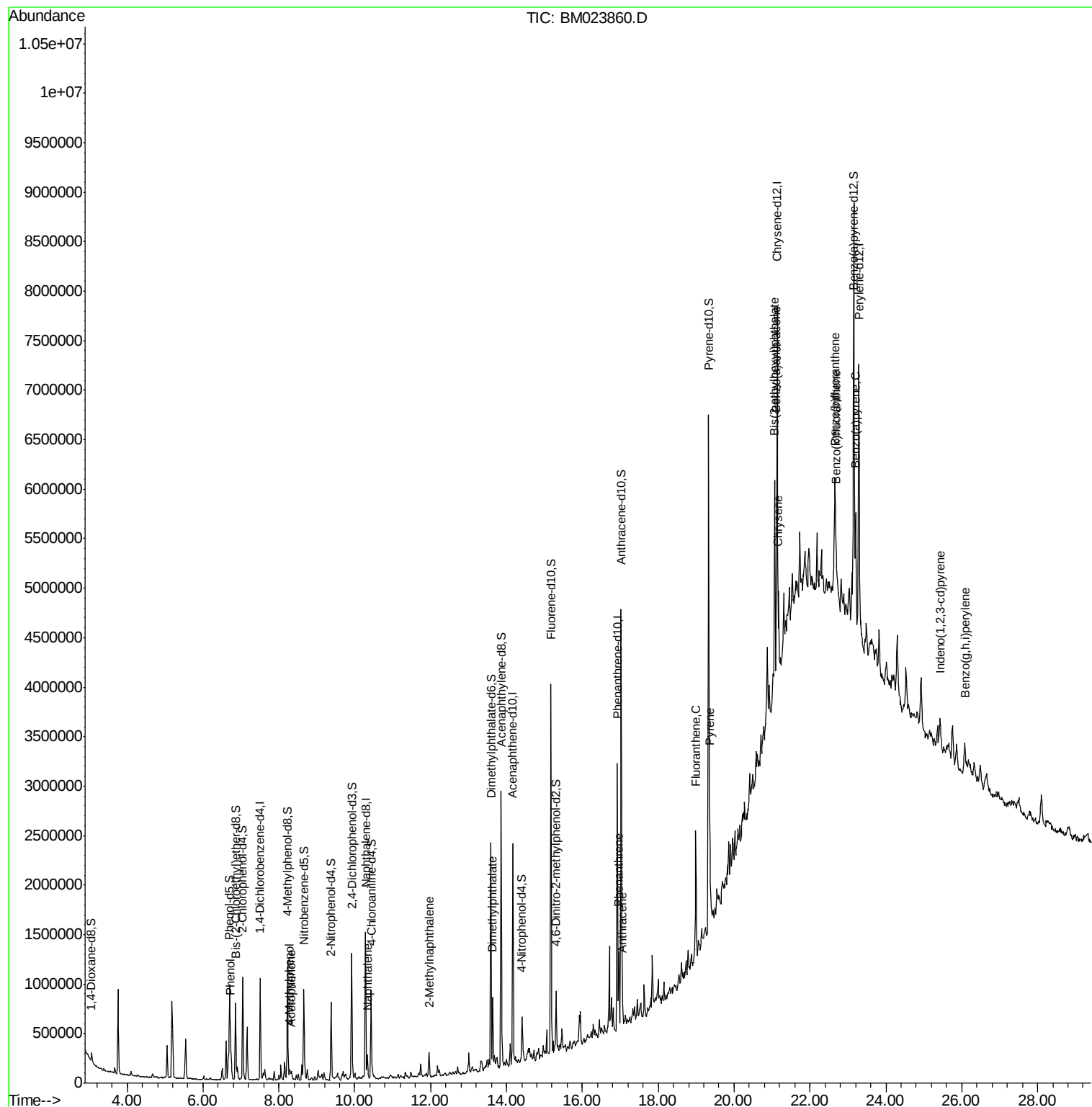
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
Data File : BM023860.D
Acq On : 22 Nov 2019 15:57
Operator : JU
Sample : K5854-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

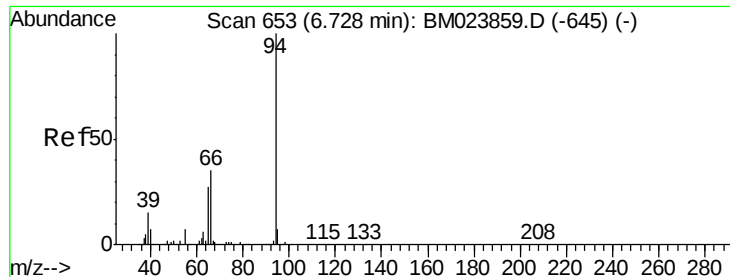
Instrument :
BNA_M
ClientSampleId :
C0AD3

Quant Time: Nov 22 17:20:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 22 15:55:14 2019
Response via : Initial Calibration

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#6

Phenol

Concen: 6.746 ng/ul

RT: 6.73 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM023860.D

Acq: 22 Nov 2019 15:57

Instrument :

BNA_M

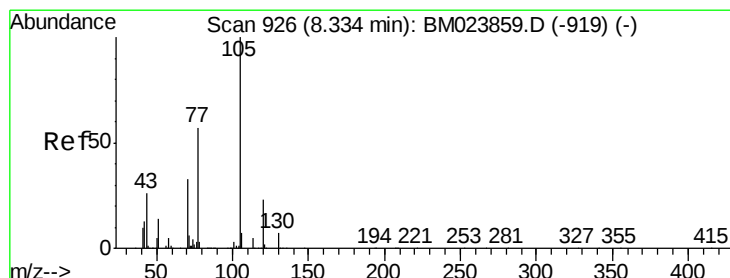
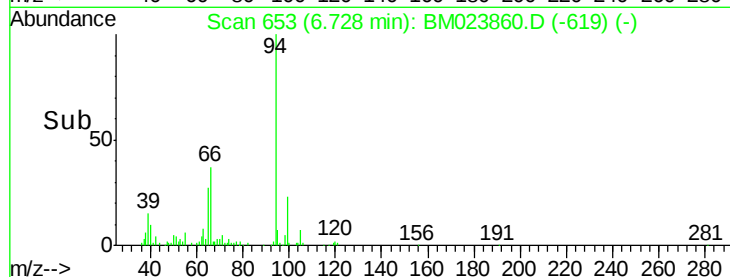
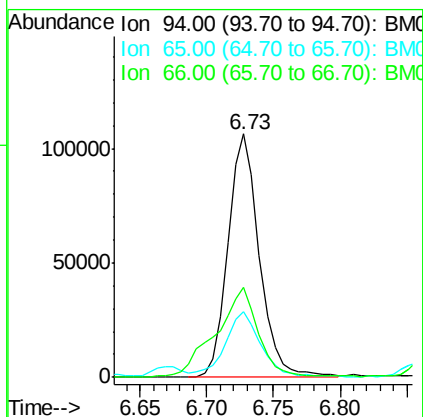
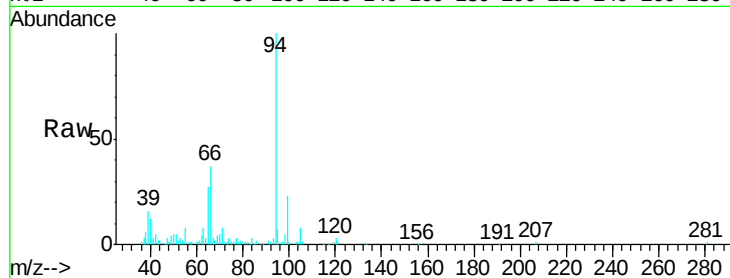
ClientSampleId :

C0AD3

Tgt Ion:	94	Resp:	174984
Ion	Ratio	Lower	Upper
94	100		
65	27.2	21.4	32.2
66	36.8	30.7	46.1

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#14

Acetophenone

Concen: 2.123 ng/ul

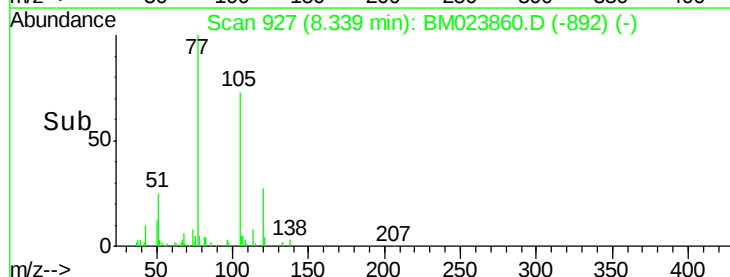
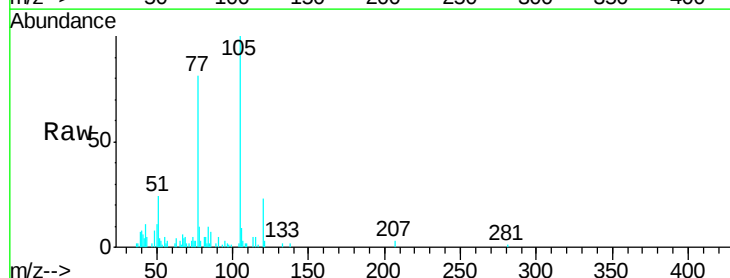
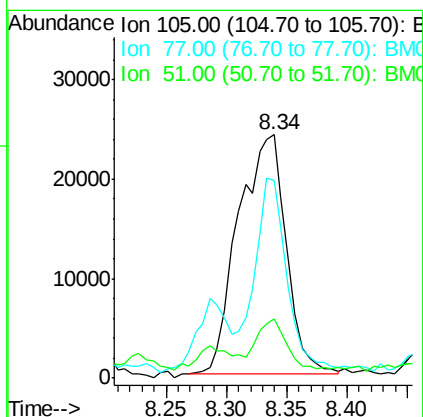
RT: 8.34 min Scan# 927

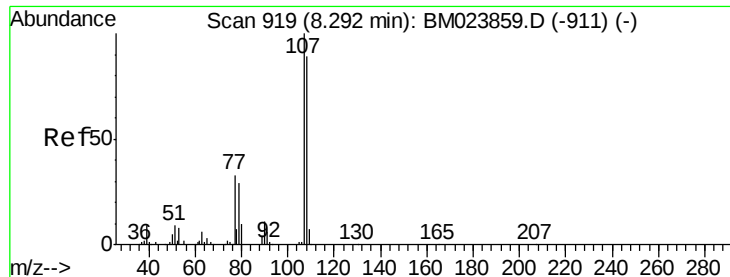
Delta R.T. 0.01 min

Lab File: BM023860.D

Acq: 22 Nov 2019 15:57

Tgt Ion:	105	Resp:	66496
Ion	Ratio	Lower	Upper
105	100		
77	80.9	63.8	95.6
51	24.3	16.3	24.5





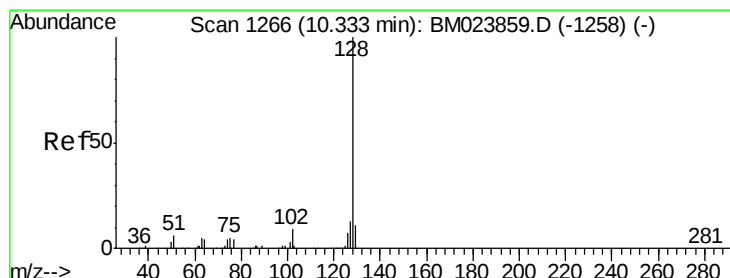
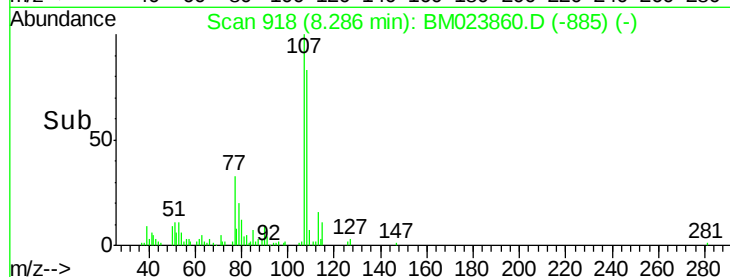
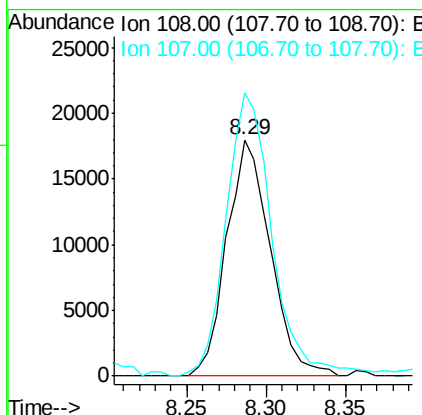
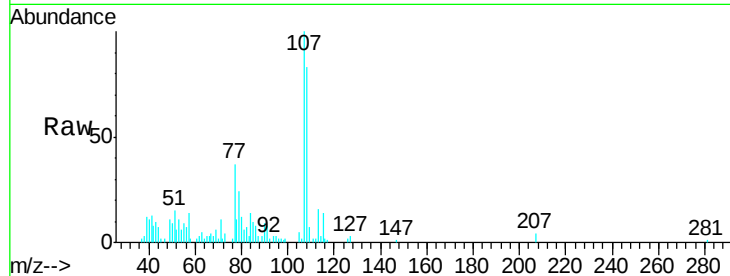
#16
4-Methylphenol
Concen: 1.605 ng/ul
RT: 8.29 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM023860.D
Acq: 22 Nov 2019 15:57

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
108	100	34409		
107	119.8	89.8	134.6	

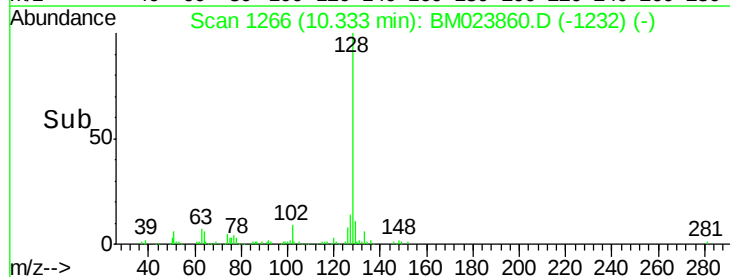
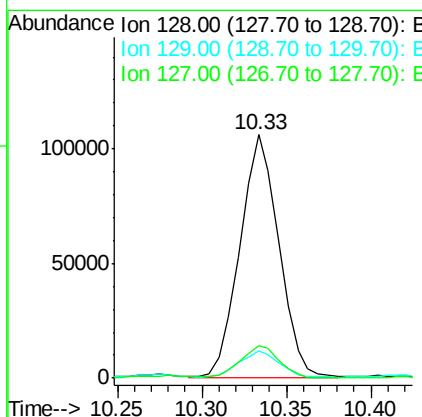
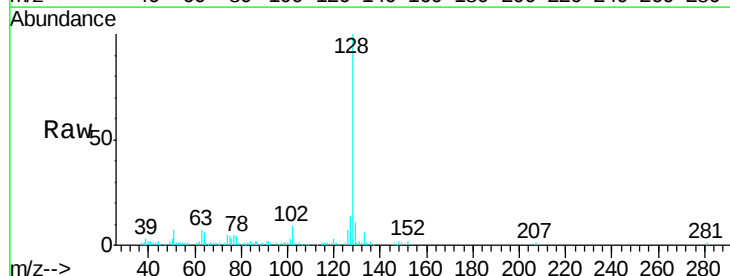
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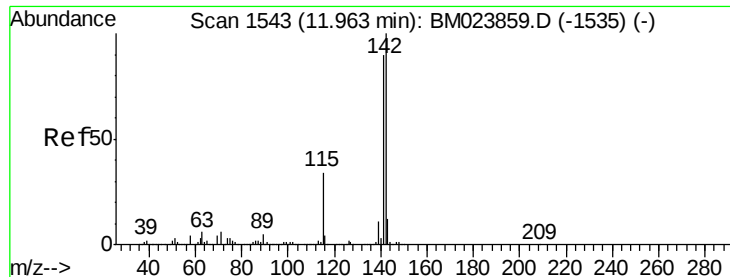
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#28
Naphthalene
Concen: 2.849 ng/ul
RT: 10.33 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BM023860.D
Acq: 22 Nov 2019 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	169916		
129	11.1	8.7	13.1	
127	13.5	10.6	16.0	





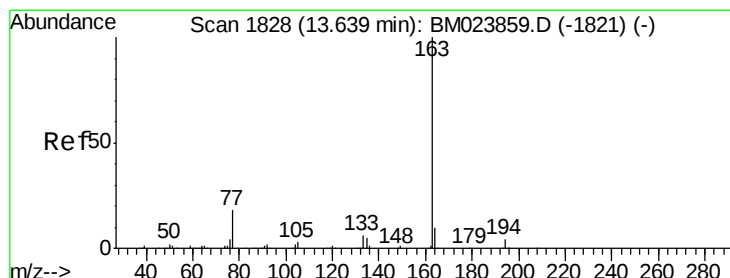
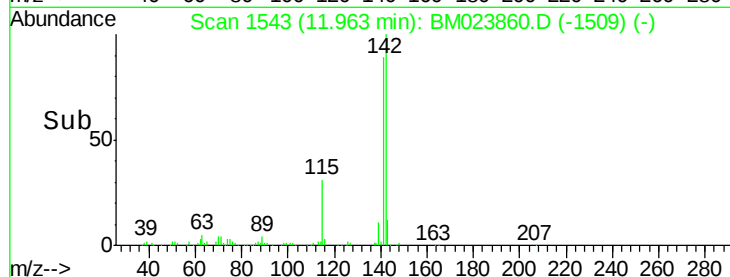
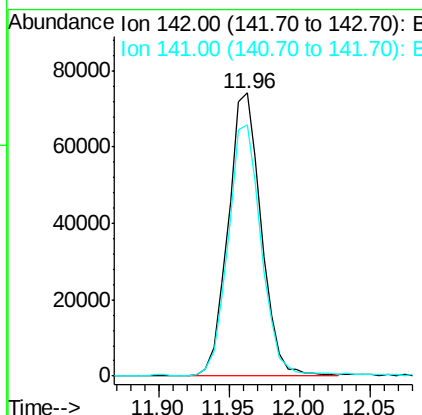
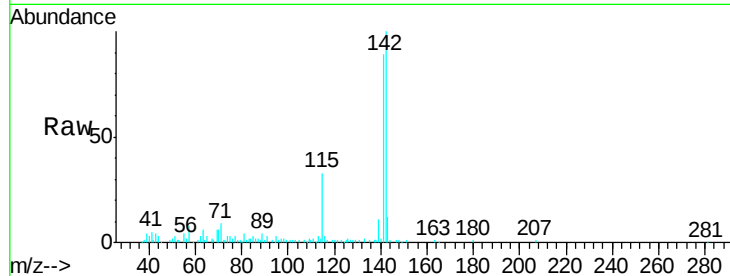
#34
 2-Methylnaphthalene
 Concen: 2.652 ng/ul
 RT: 11.96 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: BM023860.D
 Acq: 22 Nov 2019 15:57

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
142	100	121015		
141	88.6	69.8	104.8	

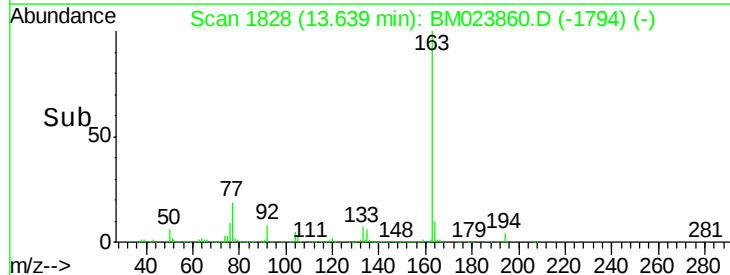
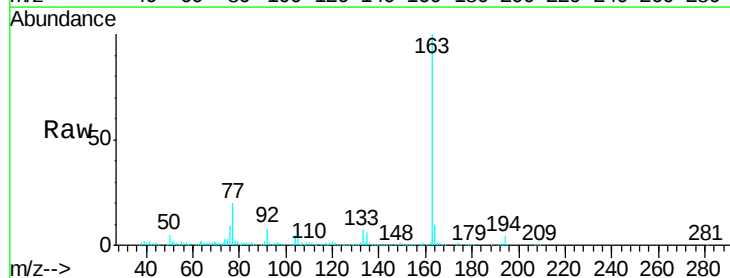
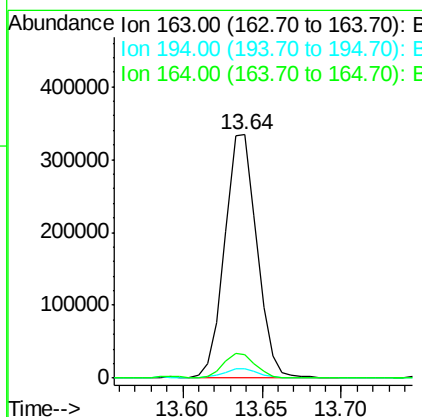
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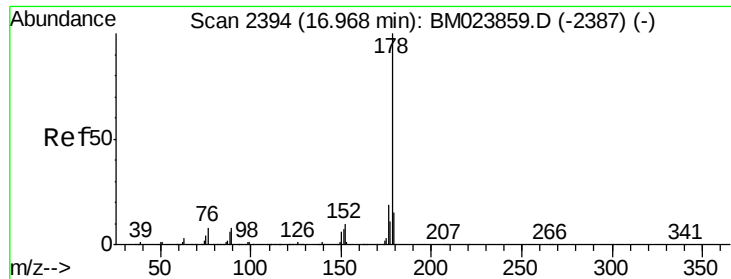
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#45
 Dimethylphthalate
 Concen: 8.348 ng/ul
 RT: 13.64 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BM023860.D
 Acq: 22 Nov 2019 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	467200		
194	4.1	3.4	5.2	
164	9.8	8.0	12.0	





#70

Phenanthrene

Concen: 5.331 ng/ul

RT: 16.97 min Scan# 2394

Delta R.T. -0.00 min

Lab File: BM023860.D

Acq: 22 Nov 2019 15:57

Instrument :

BNA_M

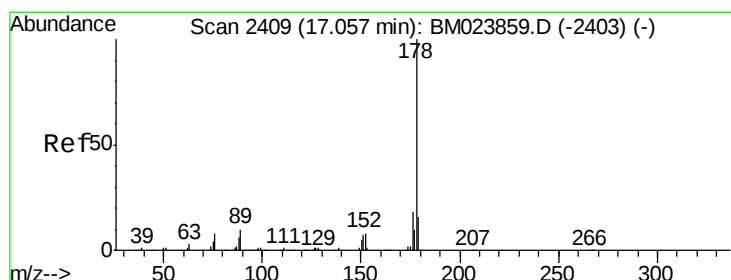
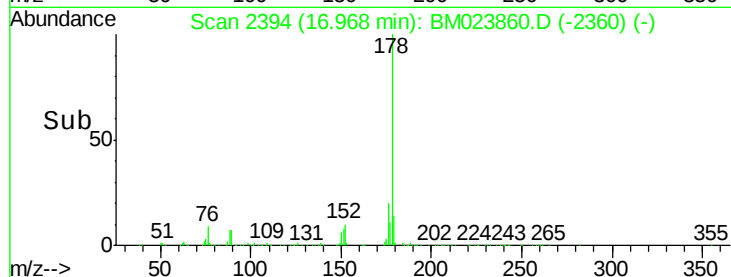
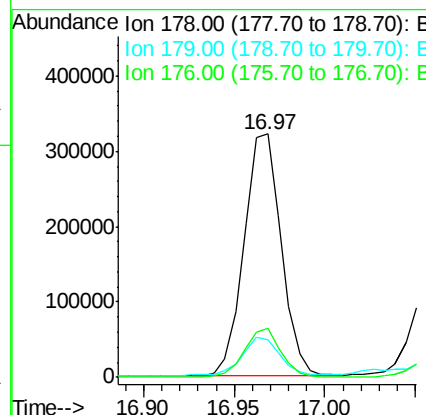
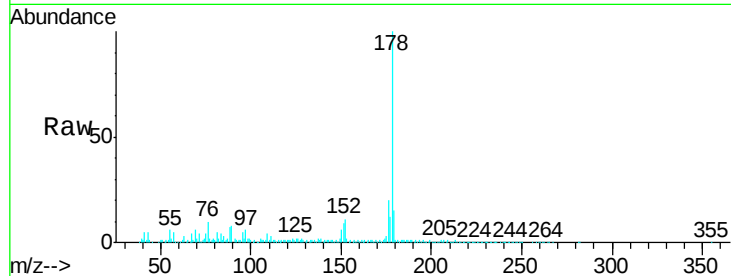
ClientSampleId :

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Tgt Ion:	178	Resp:	456715
Ion Ratio		Lower	Upper
178	100		
179	15.4	12.3	18.5
176	20.2	15.0	22.6

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#72

Anthracene

Concen: 1.821 ng/ul

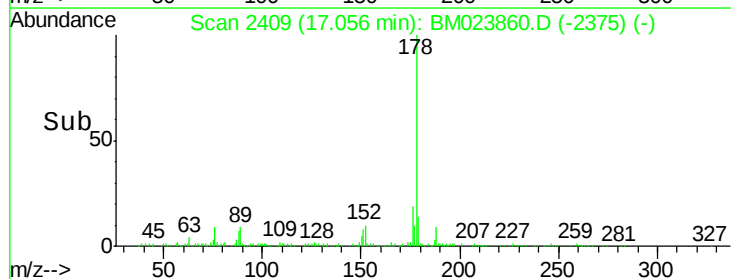
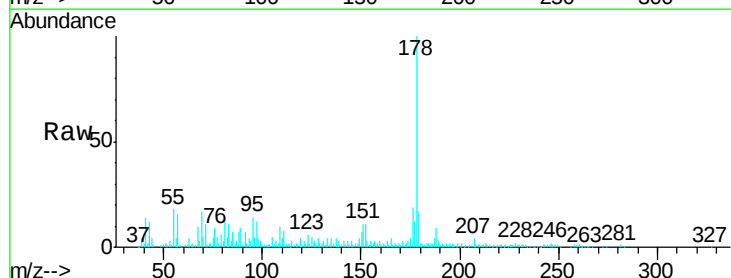
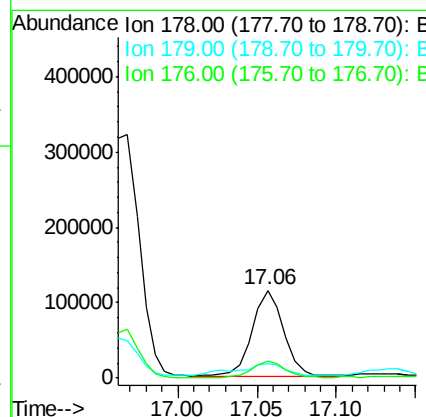
RT: 17.06 min Scan# 2409

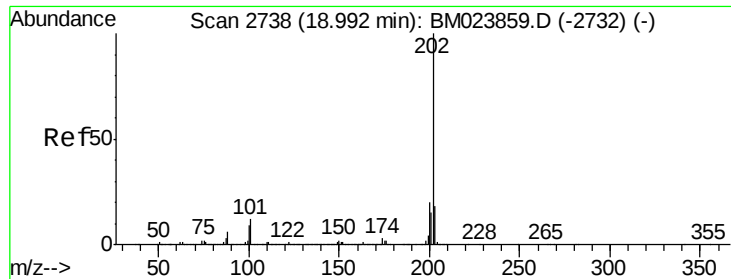
Delta R.T. -0.00 min

Lab File: BM023860.D

Acq: 22 Nov 2019 15:57

Tgt Ion:	178	Resp:	156857
Ion Ratio		Lower	Upper
178	100		
179	16.6	12.3	18.5
176	19.4	14.7	22.1





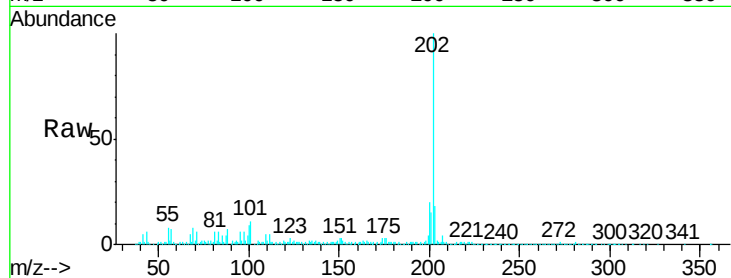
#77
Fluoranthene
 Concen: 8.302 ng/ul
 RT: 18.99 min Scan# 2738
 Delta R.T. -0.00 min
 Lab File: BM023860.D
 Acq: 22 Nov 2019 15:57

Instrument :
 BNA_M
 ClientSampleId :
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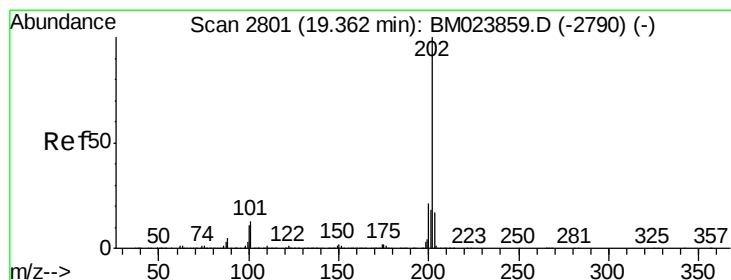
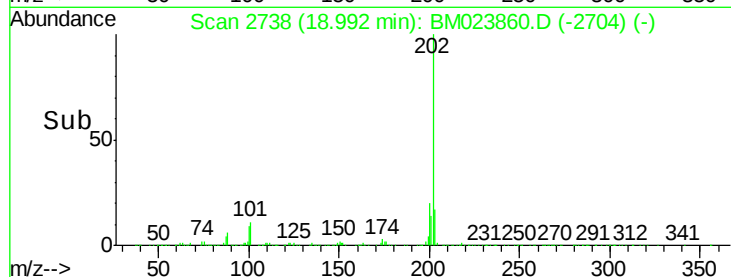
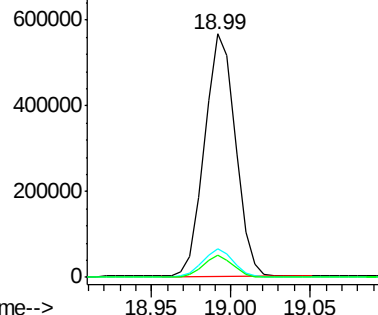
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.5	7.7	11.5
100	9.2	6.0	9.0

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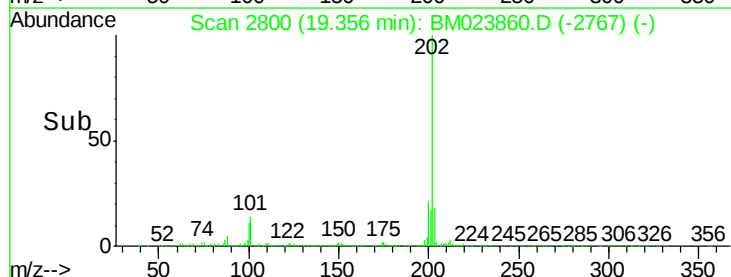
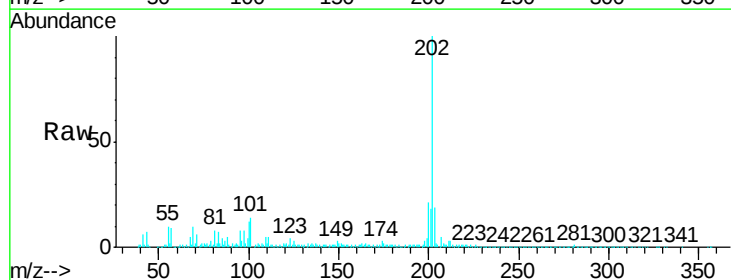
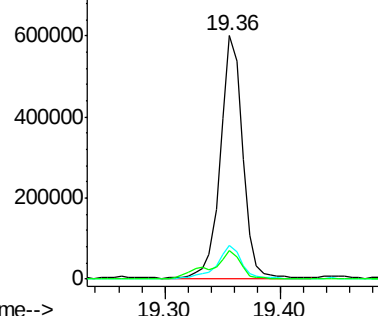
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 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

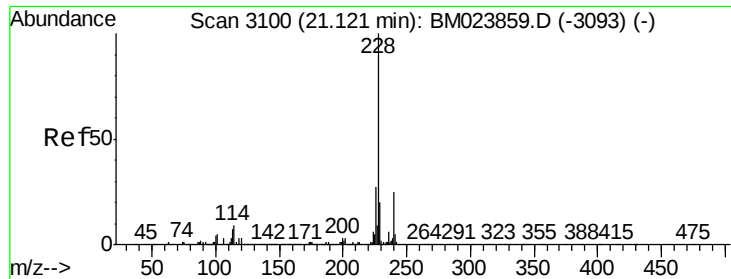


#80
Pyrene
 Concen: 7.947 ng/ul
 RT: 19.36 min Scan# 2800
 Delta R.T. -0.01 min
 Lab File: BM023860.D
 Acq: 22 Nov 2019 15:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.9	9.8	14.6
100	11.5	8.1	12.1

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





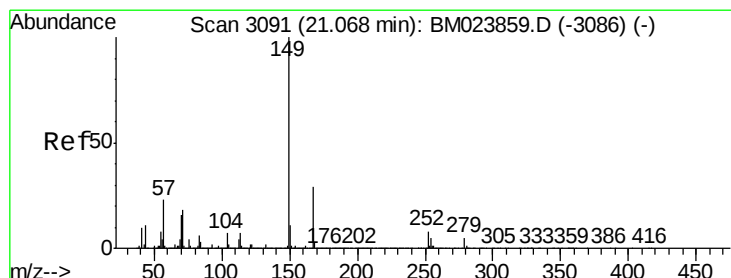
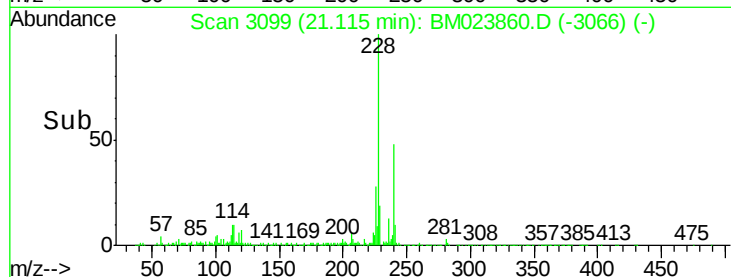
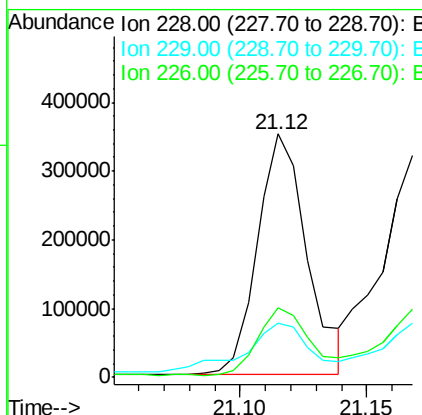
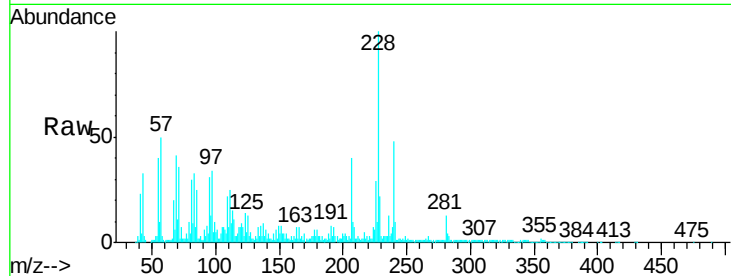
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 Benzo(a)anthracene
 Concen: 4.640 ng/ul
 RT: 21.12 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BM023860.D
 Acq: 22 Nov 2019 15:57

Instrument :
 BNA_M
 ClientSampleId :
 C0AD3

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.6	23.4
226	28.8	21.4	32.2

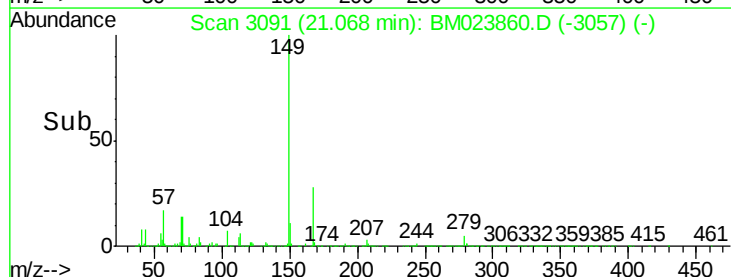
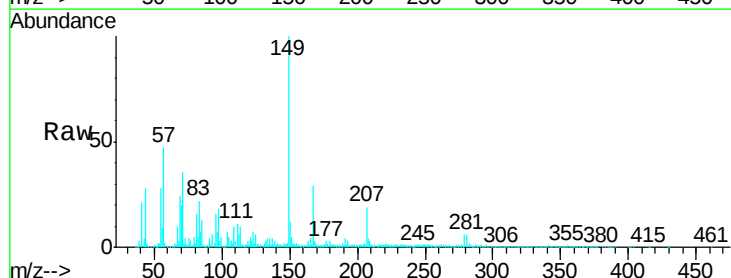
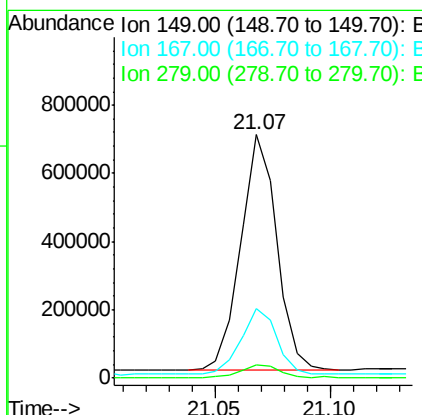
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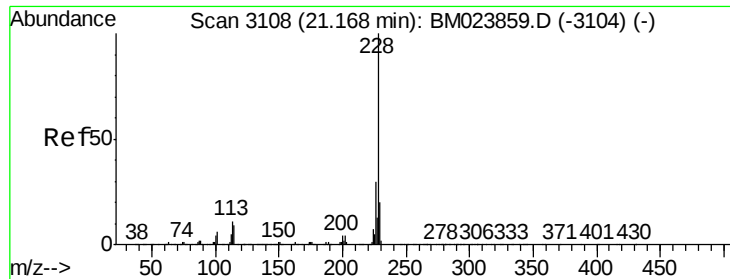
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 15.581 ng/ul
 RT: 21.07 min Scan# 3091
 Delta R.T. -0.00 min
 Lab File: BM023860.D
 Acq: 22 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.4	35.2
279	5.6	5.0	7.4





#85

Chrysene

Concen: 5.023 ng/u1 m

RT: 21.17 min Scan# 3108

Delta R.T. -0.00 min

Lab File: BM023860.D

Acq: 22 Nov 2019 15:57

Instrument :

BNA_M

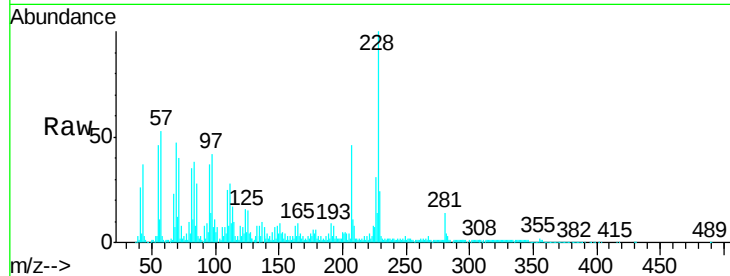
ClientSampleId :

C0AD3

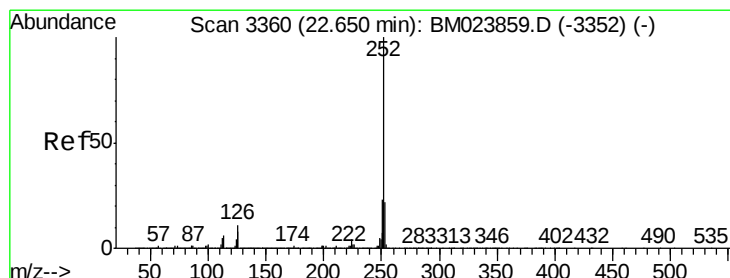
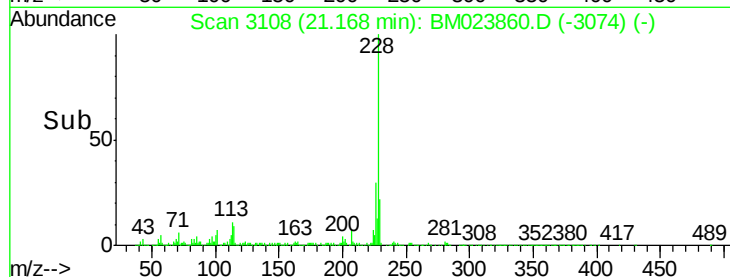
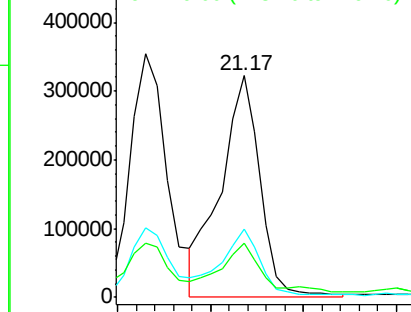
Tgt Ion:	228	Resp:	484253
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.8	35.8
229	24.3	15.8	23.6#

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 6.592 ng/u1

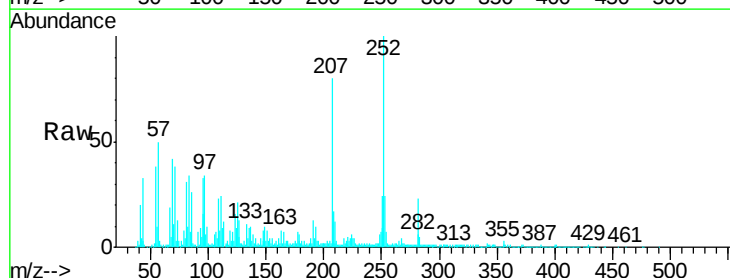
RT: 22.65 min Scan# 3360

Delta R.T. -0.00 min

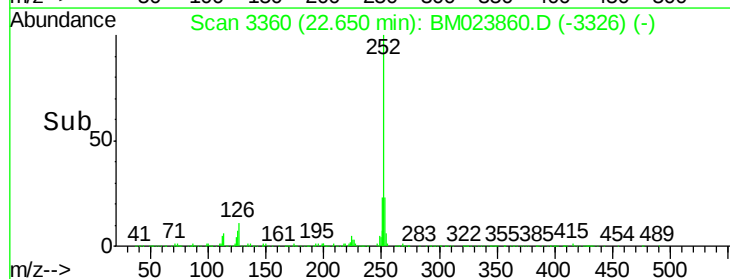
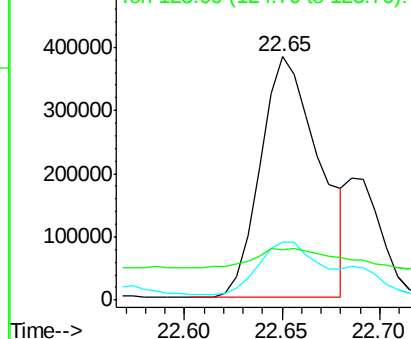
Lab File: BM023860.D

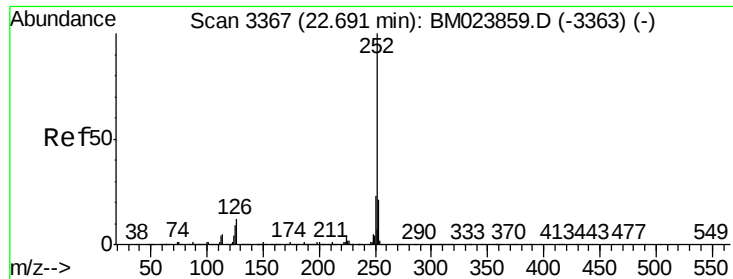
Acq: 22 Nov 2019 15:57

Tgt Ion:	252	Resp:	797908
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.8	26.8
125	20.6	6.5	9.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





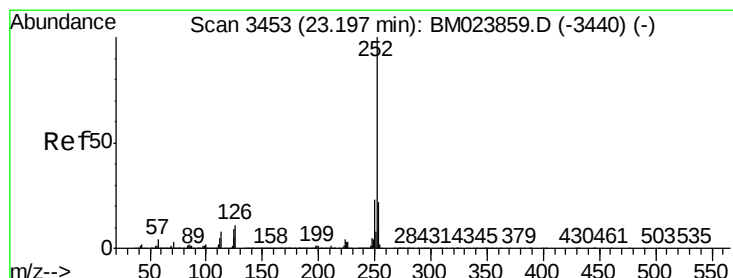
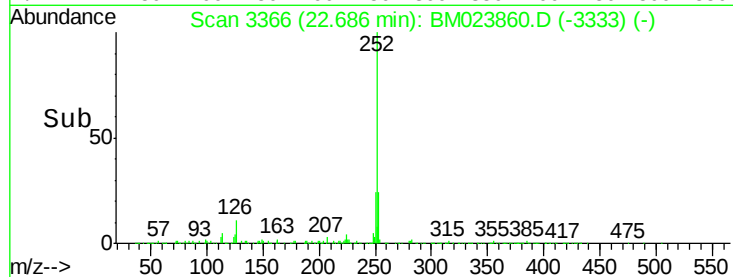
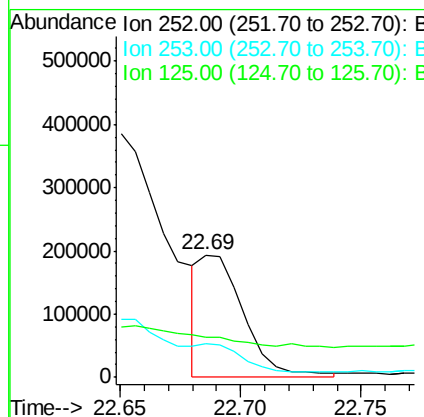
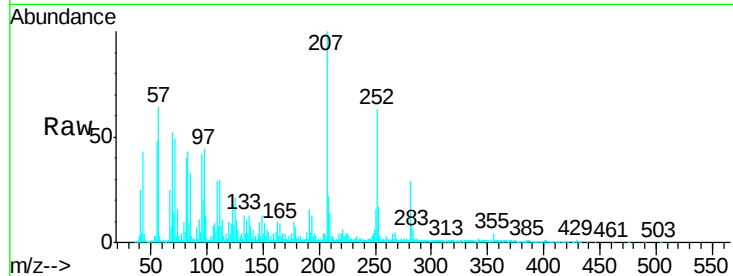
#89
Benzo(k)fluoranthene
Concen: 2.110 ng/u1 m
RT: 22.69 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BM023860.D
Acq: 22 Nov 2019 15:57

Instrument :
BNA_M
ClientSampleId :
C0AD3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.2	25.8#
125	33.2	5.9	8.9#

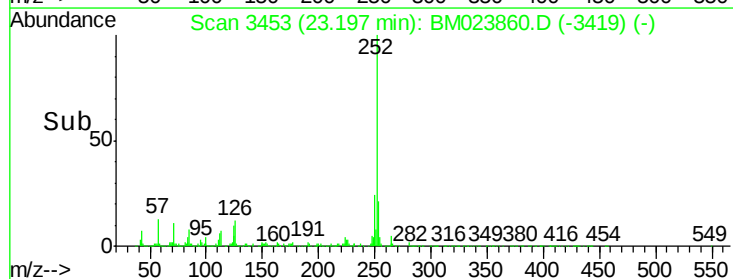
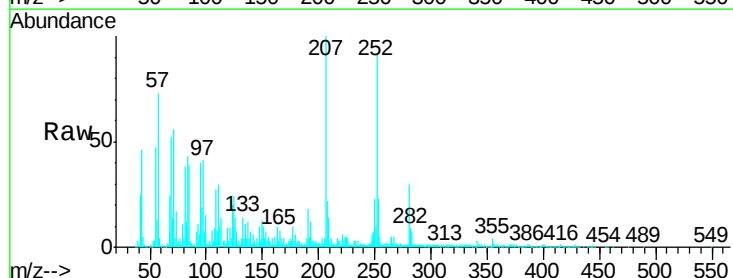
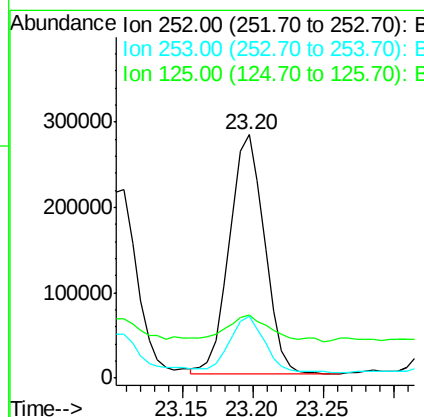
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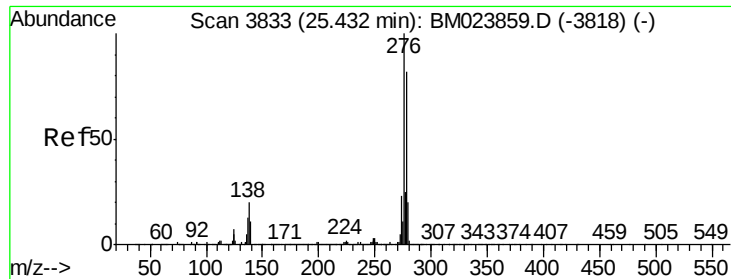
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#91
Benzo(a)pyrene
Concen: 4.423 ng/u1
RT: 23.20 min Scan# 3453
Delta R.T. -0.00 min
Lab File: BM023860.D
Acq: 22 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.3	25.9
125	26.2	6.9	10.3#





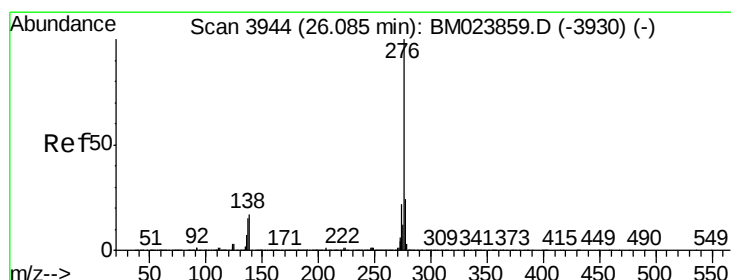
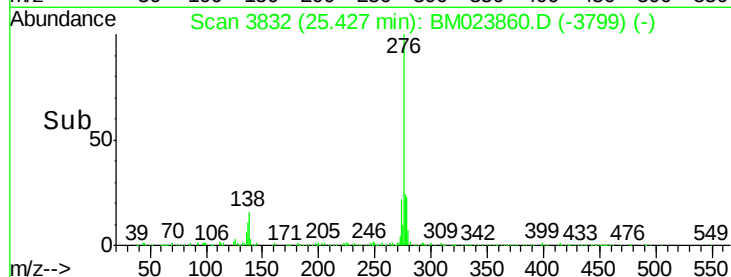
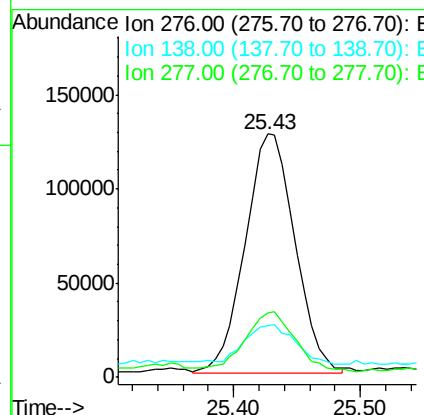
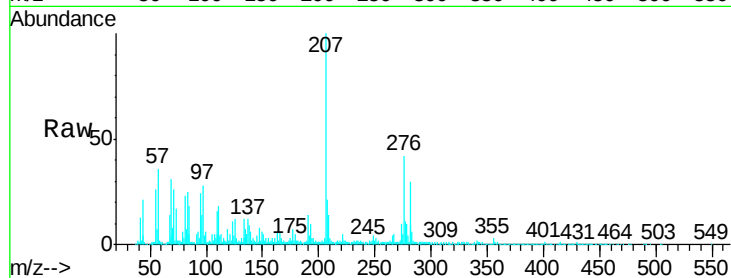
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.915 ng/ul
 RT: 25.43 min Scan# 3832
 Delta R.T. -0.01 min
 Lab File: BM023860.D
 Acq: 22 Nov 2019 15:57

Instrument :
 BNA_M
 ClientSampleId :
 C0AD3

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	15.0	22.4
277	26.5	20.0	30.0

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#94
 Benzo(g,h,i)perylene
 Concen: 3.313 ng/ul
 RT: 26.08 min Scan# 3943
 Delta R.T. -0.01 min
 Lab File: BM023860.D
 Acq: 22 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	13.2	19.8#
277	27.0	18.6	28.0

