

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021934.D
 Acq On : 08 Aug 2019 15:39
 Operator : HP/JU
 Sample : K4028-18
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENR5

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:29:28 AM

Quant Time: Aug 09 01:12:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 00:56:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	826	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3468	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1910	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	4581m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4388m	0.40	ng/ul	-0.02
20) Perylene-d12	23.44	264	4825m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	981	0.17	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	2860m	0.19	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	1799	0.184	ng/ul	97
5) 2-Methylnaphthalene	12.09	142	1020	0.156	ng/ul	94
7) Acenaphthylene	14.00	152	3803	0.427	ng/ul#	84
8) Acenaphthene	14.34	153	2373	0.326	ng/ul	97
9) Fluorene	15.33	166	2414	0.298	ng/ul	97
12) Phenanthrene	17.07	178	52977m	3.974	ng/ul	
13) Anthracene	17.16	178	12582m	1.107	ng/ul	
15) Fluoranthene	19.09	202	125515m	7.030	ng/ul	
17) Pyrene	19.46	202	155300	8.613	ng/ul	99
18) Benzo(a)anthracene	21.21	228	95779m	6.102	ng/ul	
19) Chrysene	21.27	228	102309	5.068	ng/ul	100
21) Benzo(b)fluoranthene	22.78	252	109531m	6.732	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	42518m	2.309	ng/ul	
23) Benzo(a)pyrene	23.35	252	90584m	5.474	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.66	276	54081m	2.737	ng/ul	
25) Dibenzo(a,h)anthracene	25.65	278	16768m	1.050	ng/ul	
26) Benzo(a,h,i)perylene	26.34	276	56878m	3.198	ng/ul	

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

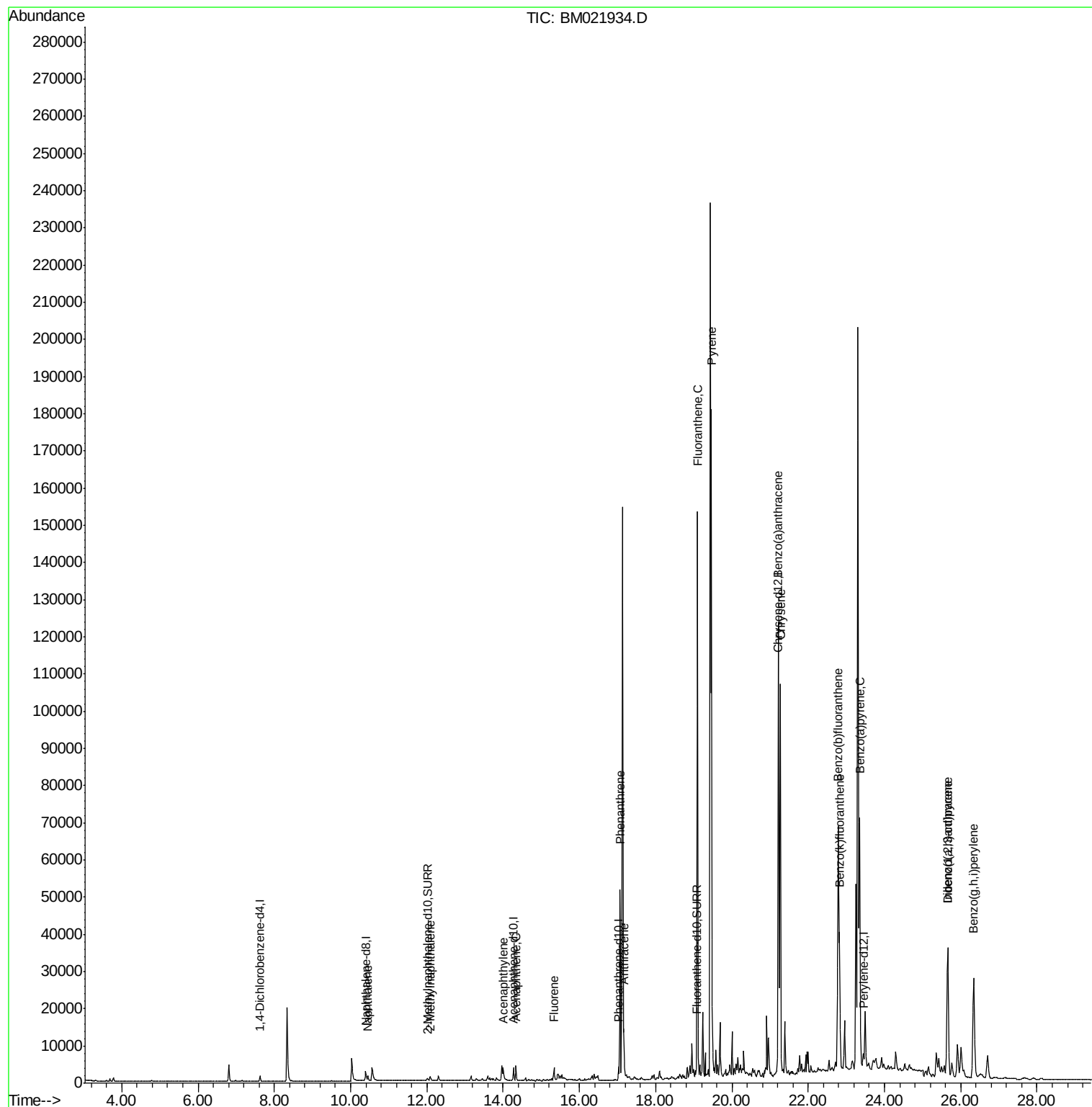
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
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ALS Vial : 44 Sample Multiplier: 1

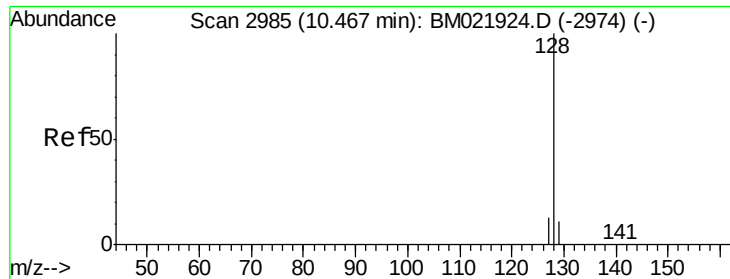
Instrument :
BNA_M
ClientSampleId :
BENR5

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Quant Time: Aug 09 01:12:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.184 ng/ul

RT: 10.45 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM021934.D

Acq: 08 Aug 2019 15:39

Instrument :

BNA_M

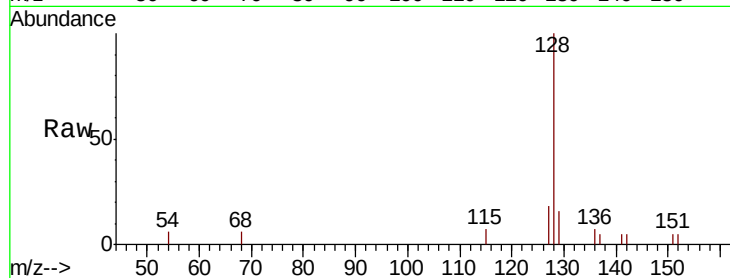
ClientSampled :

BENR5

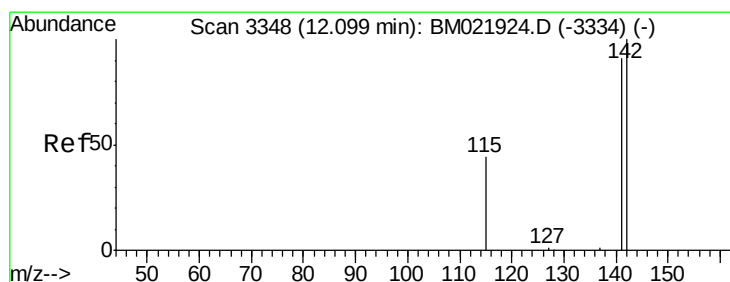
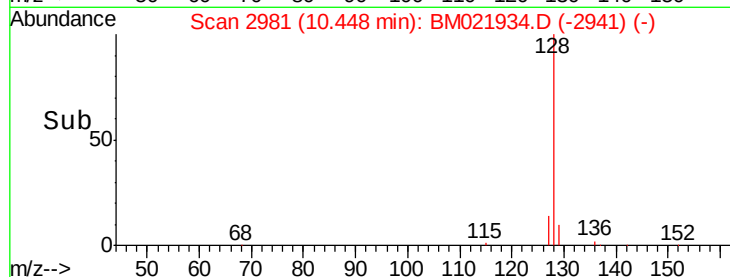
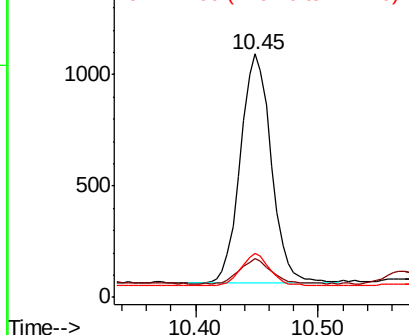
Tot Ion:	128	Resp:	1799
Ion Ratio	Lower	Upper	
128	100		
129	16.0	12.3	18.5
127	17.8	13.0	19.6

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.156 ng/ul

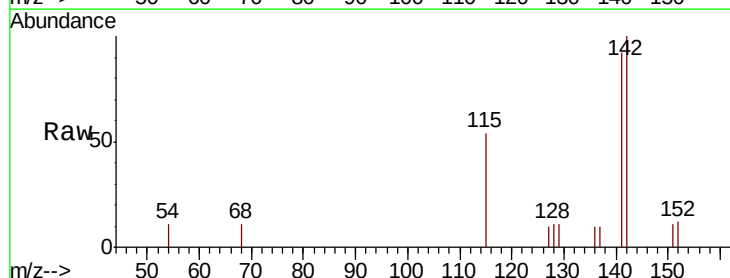
RT: 12.09 min Scan# 3345

Delta R.T. -0.01 min

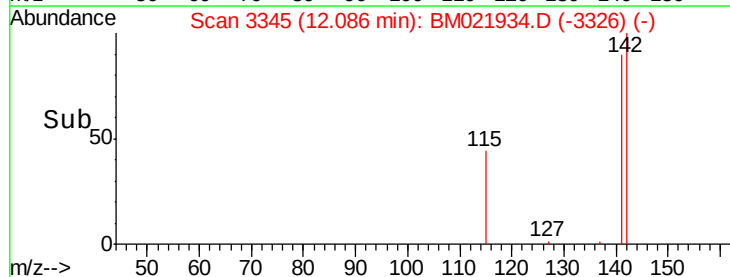
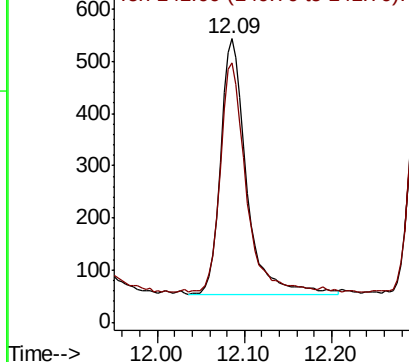
Lab File: BM021934.D

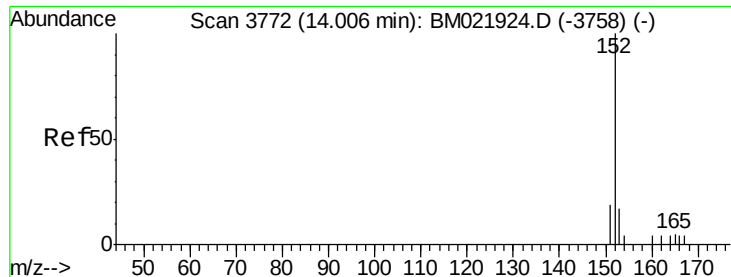
Acq: 08 Aug 2019 15:39

Tgt Ion:	142	Resp:	1020
Ion Ratio	Lower	Upper	
142	100		
141	87.5	74.3	111.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.427 ng/ul

RT: 14.00 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BM021934.D

Acq: 08 Aug 2019 15:39

Instrument :

BNA_M

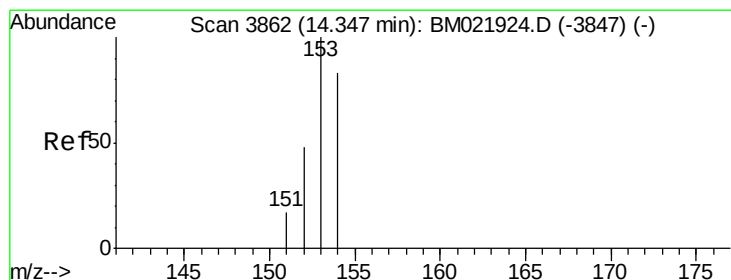
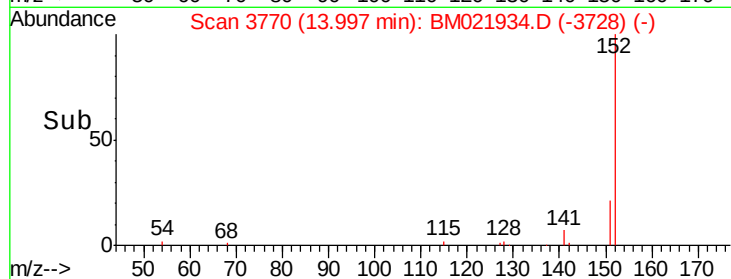
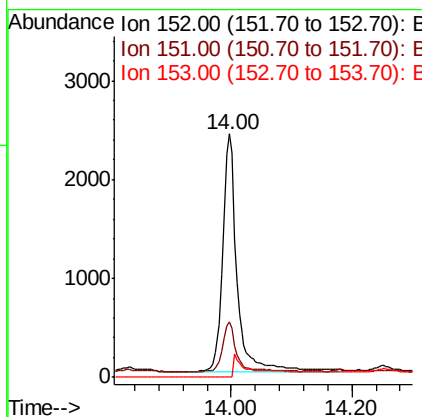
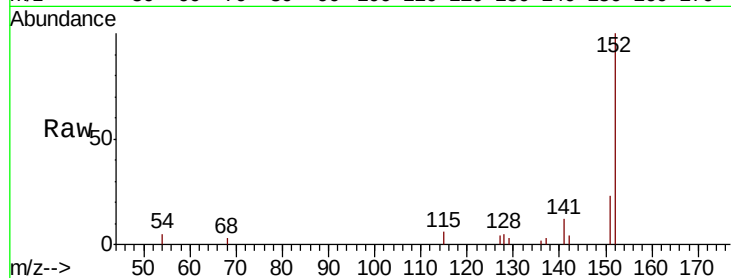
ClientSampleId :

BENR5

Tot Ion:	152	Resp:	3803
Ion Ratio	Lower	Upper	
152	100		
151	22.7	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.326 ng/ul

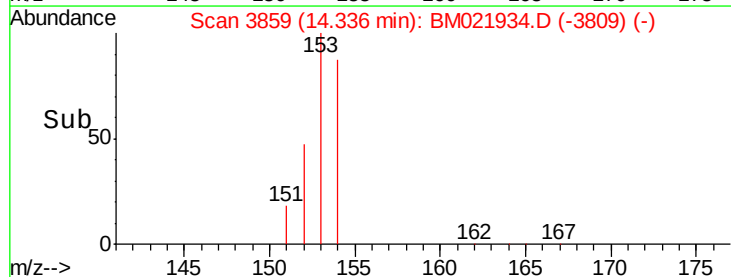
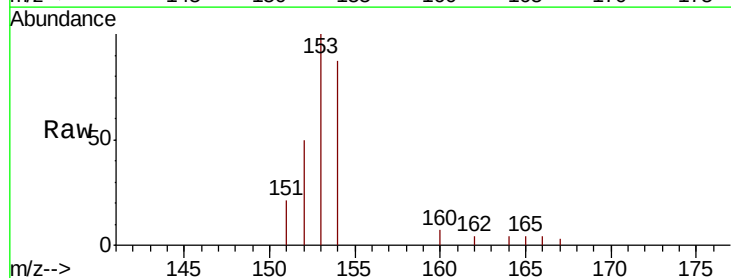
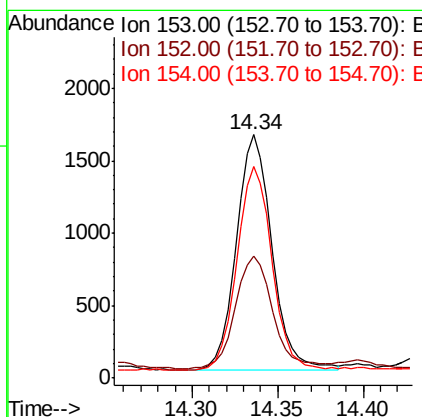
RT: 14.34 min Scan# 3859

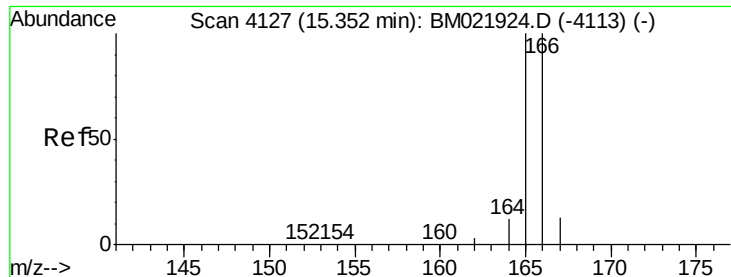
Delta R.T. -0.01 min

Lab File: BM021934.D

Acq: 08 Aug 2019 15:39

Tgt Ion:	153	Resp:	2373
Ion Ratio	Lower	Upper	
153	100		
152	50.1	41.3	61.9
154	87.1	72.3	108.5





#9

Fluorene

Concen: 0.298 ng/ul

RT: 15.33 min Scan# 4122

Delta R.T. -0.02 min

Lab File: BM021934.D

Acq: 08 Aug 2019 15:39

Instrument :

BNA_M

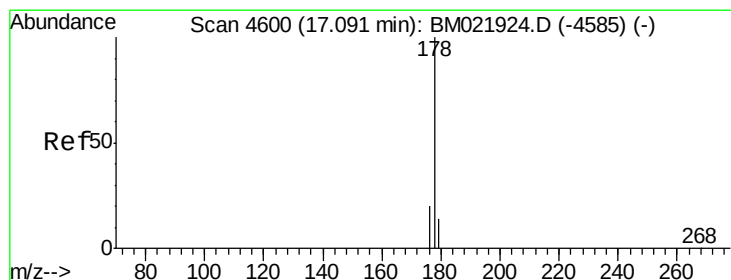
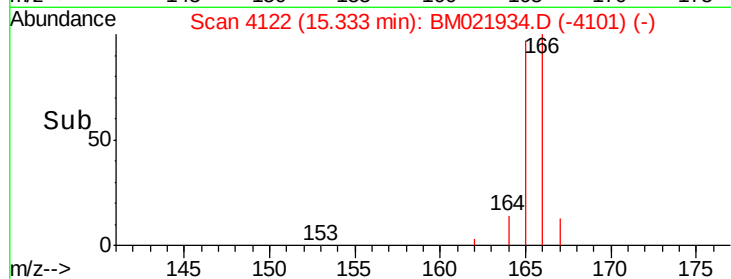
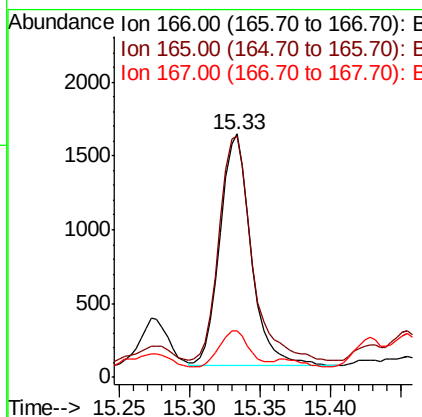
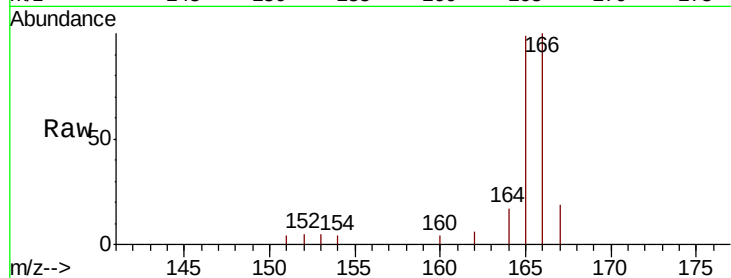
ClientSampleId :

BENR5

Tot Ion:	166	Resp:	2414
Ion	Ratio	Lower	Upper
166	100		
165	98.8	81.4	122.0
167	19.2	13.7	20.5

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#12

Phenanthrene

Concen: 3.974 ng/ul m

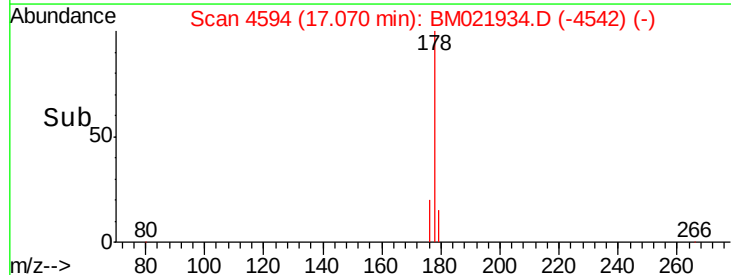
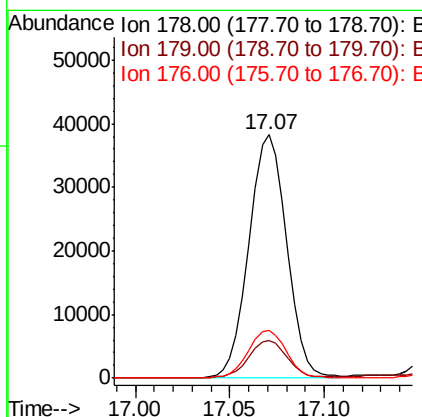
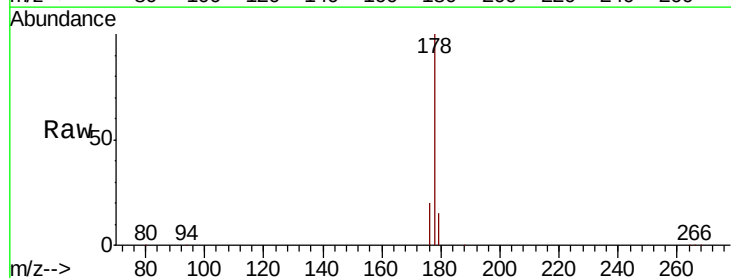
RT: 17.07 min Scan# 4594

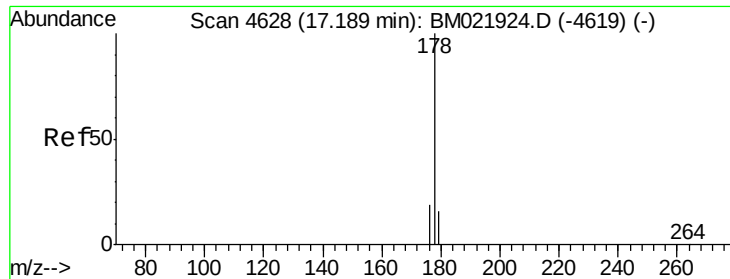
Delta R.T. -0.02 min

Lab File: BM021934.D

Acq: 08 Aug 2019 15:39

Tgt Ion:	178	Resp:	52977
Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.2	21.2
176	19.7	16.8	25.2





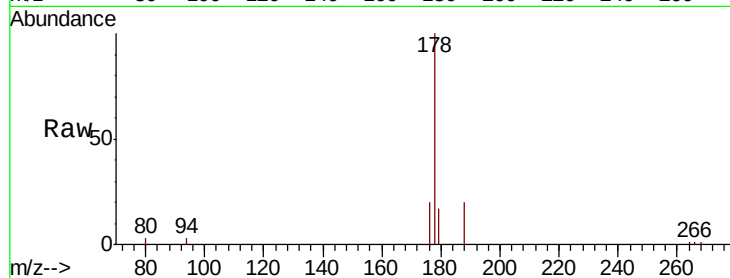
#13
 Anthracene
 Concen: 1.107 ng/ul m
 RT: 17.16 min Scan# 4621
 Delta R.T. -0.02 min
 Lab File: BM021934.D
 Acq: 08 Aug 2019 15:39

Instrument :
 BNA_M
 ClientSampleId :
 BENR5

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.9	15.5	23.3
176	19.5	16.6	25.0

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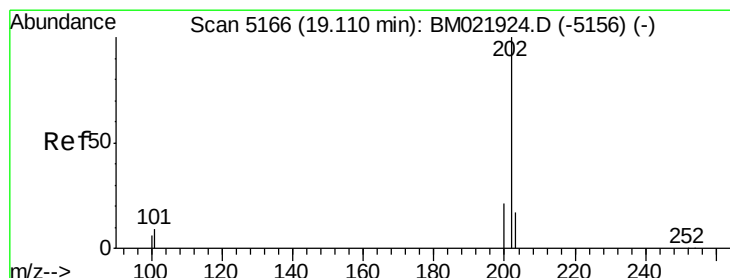
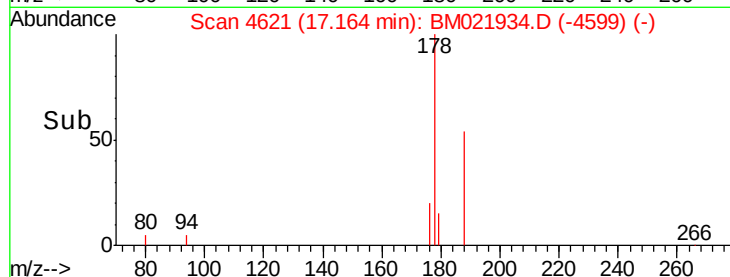
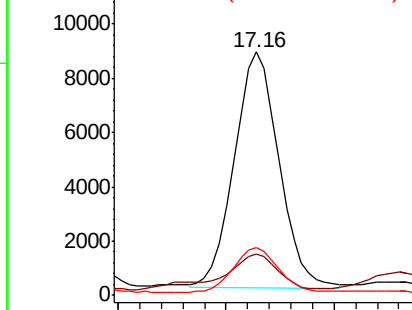


Abundance

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



#15
 Fluoranthene
 Concen: 7.030 ng/ul m
 RT: 19.09 min Scan# 5162
 Delta R.T. -0.02 min
 Lab File: BM021934.D
 Acq: 08 Aug 2019 15:39

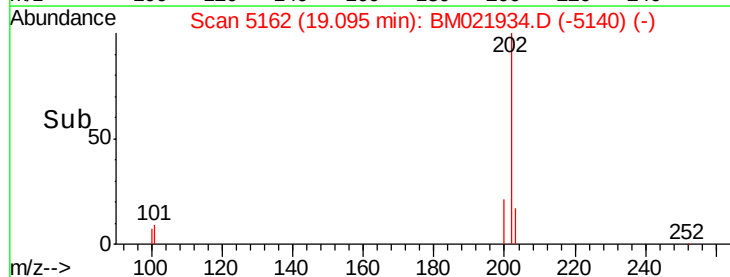
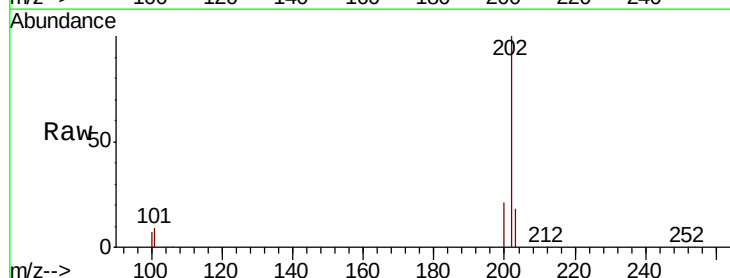
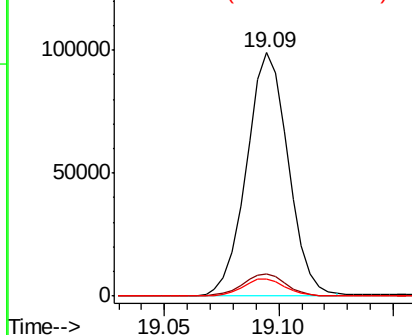
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.2
100	7.1	0.0	28.1

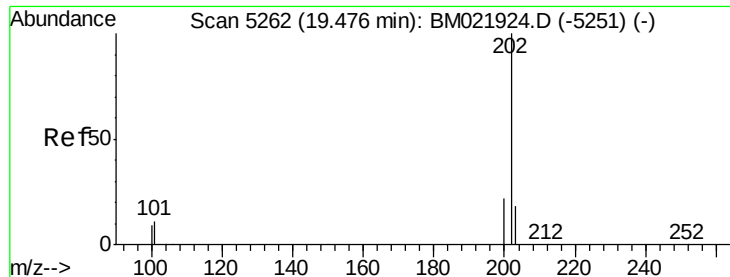
Abundance

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





#17

Pvrene

Concen: 8.613 ng/ul

RT: 19.46 min Scan# 5258

Delta R.T. -0.02 min

Lab File: BM021934.D

Acq: 08 Aug 2019 15:39

Instrument :

BNA_M

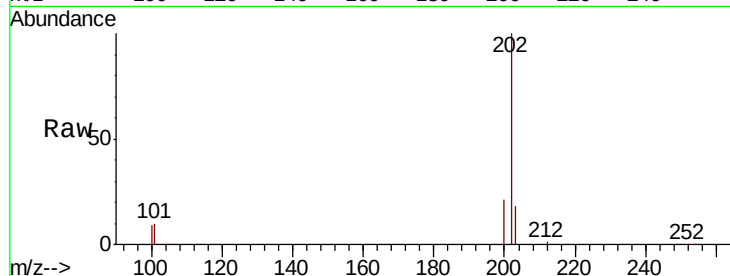
ClientSampleId :

BENR5

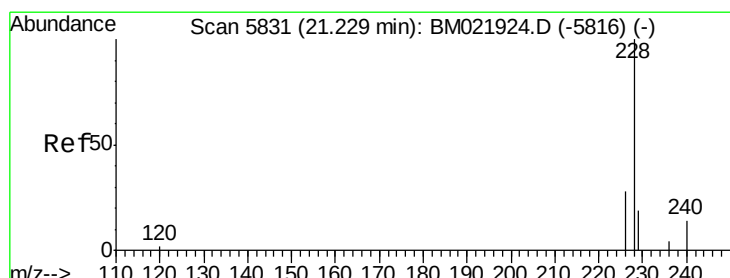
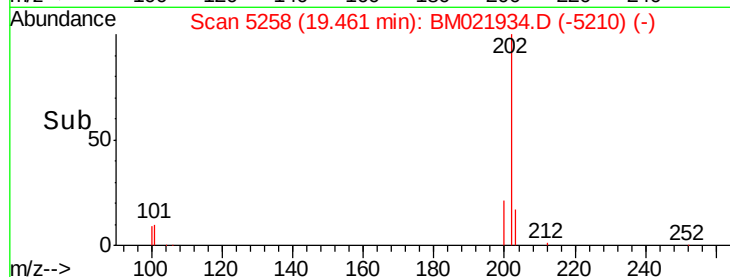
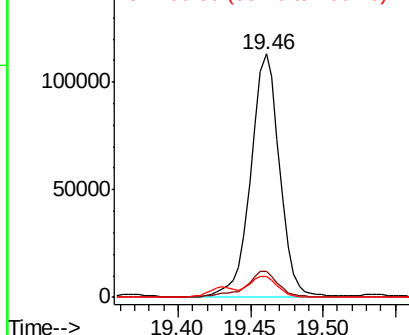
Tot Ion:	202	Resp:	155300
Ion Ratio	Lower	Upper	
202	100		
101	10.5	8.3	12.5
100	8.7	7.2	10.8

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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



#18

Benzo(a)anthracene

Concen: 6.102 ng/ul m

RT: 21.21 min Scan# 5825

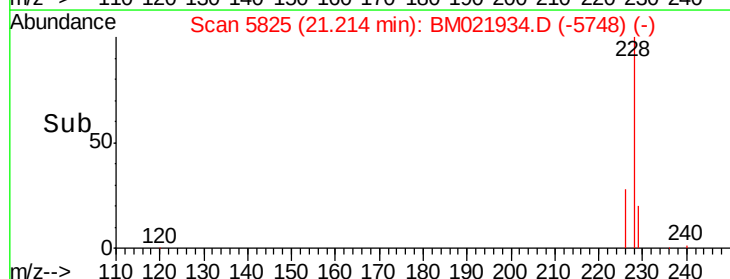
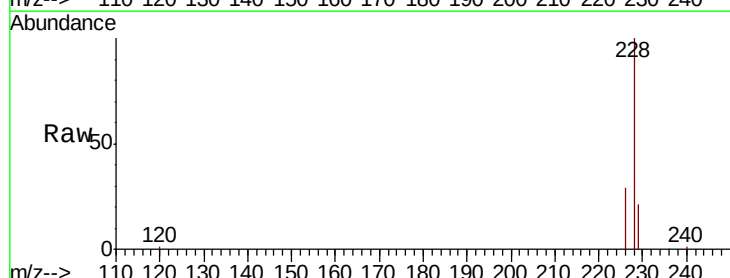
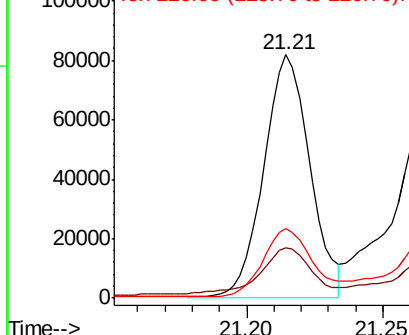
Delta R.T. -0.01 min

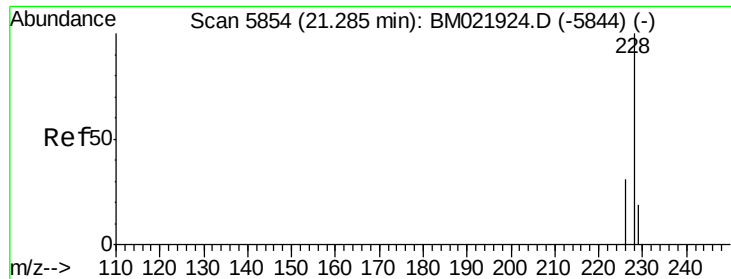
Lab File: BM021934.D

Acq: 08 Aug 2019 15:39

Tgt Ion:	228	Resp:	95779
Ion Ratio	Lower	Upper	
228	100		
229	20.9	17.2	25.8
226	28.6	22.6	34.0

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





#19

Chrysene

Concen: 5.068 ng/ul

RT: 21.27 min Scan# 5847

Delta R.T. -0.02 min

Lab File: BM021934.D

Acq: 08 Aug 2019 15:39

Instrument :

BNA_M

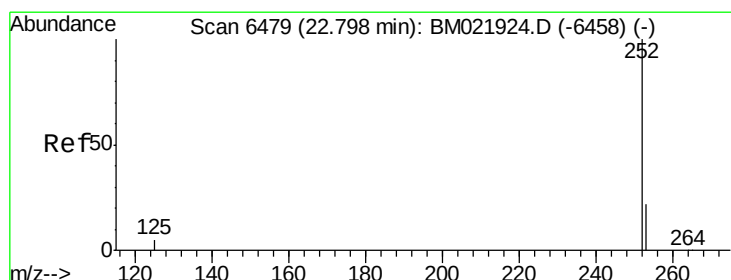
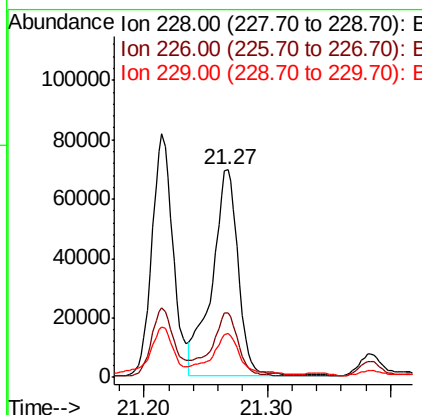
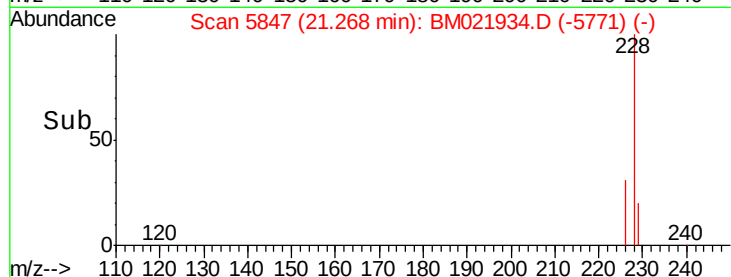
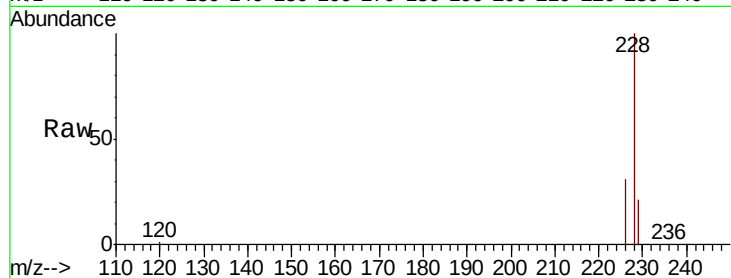
ClientSampled :

BENR5

Tot Ion:	228	Resp:	102309
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.9	37.3
229	21.3	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 6.732 ng/ul m

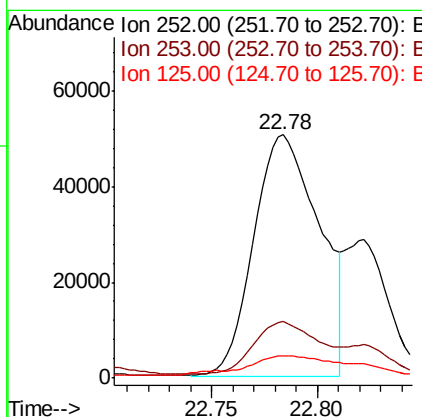
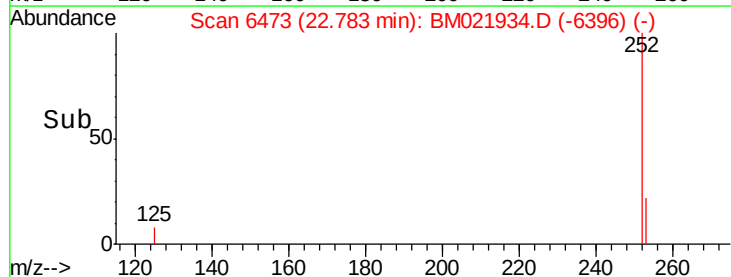
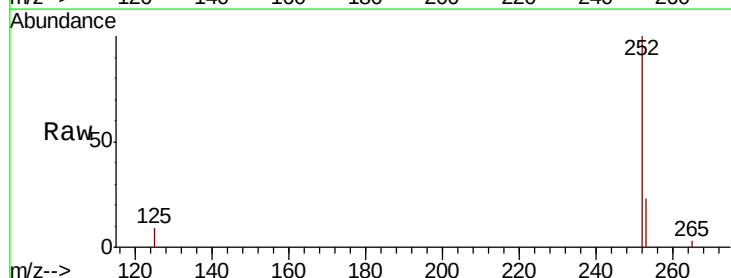
RT: 22.78 min Scan# 6473

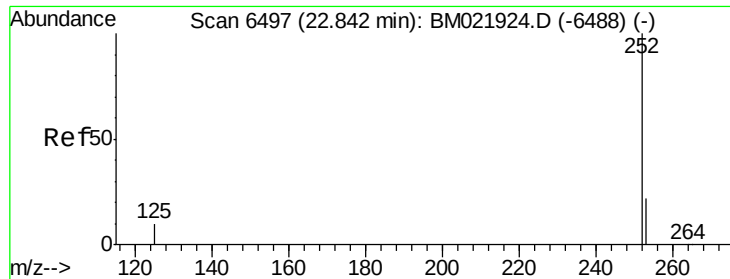
Delta R.T. -0.01 min

Lab File: BM021934.D

Acq: 08 Aug 2019 15:39

Tgt Ion:	252	Resp:	109531
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	67.4
125	9.4	0.0	31.0





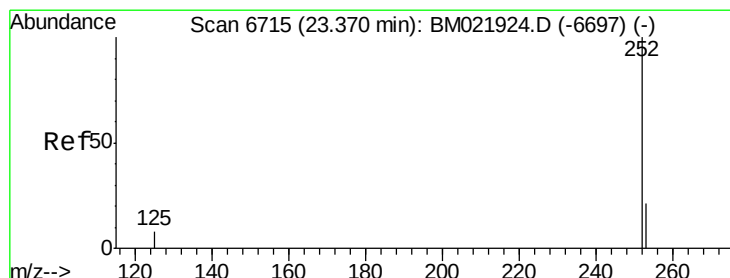
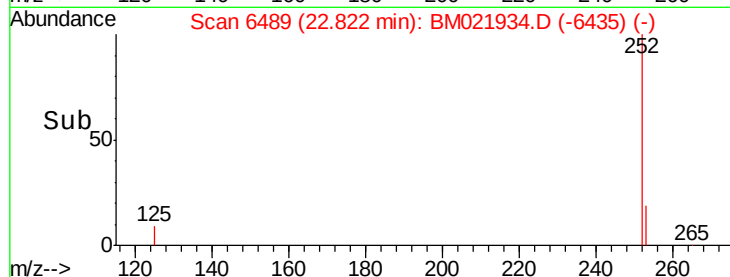
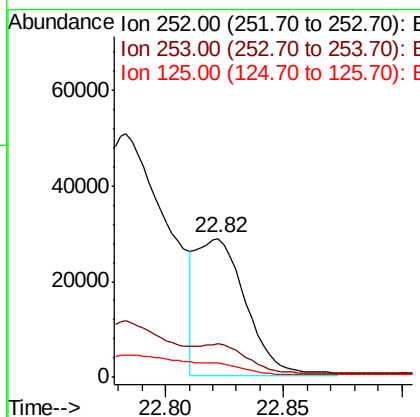
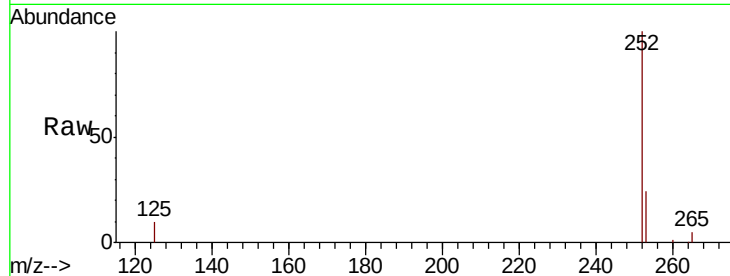
#22
Benzo(k)fluoranthene
Concen: 2.309 ng/ul m
RT: 22.82 min Scan# 6489
Delta R.T. -0.02 min
Lab File: BM021934.D
Acq: 08 Aug 2019 15:39

Instrument :
BNA_M
ClientSampleId :
BENR5

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	27.0	40.4#
125	10.4	12.2	18.2#

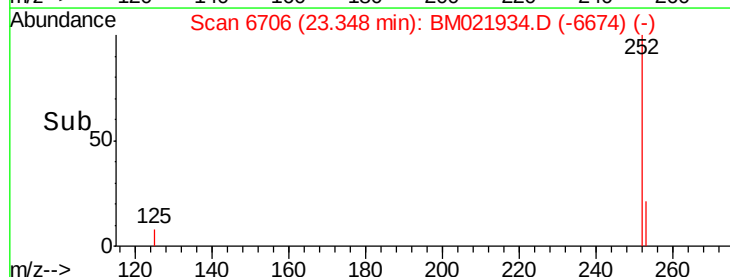
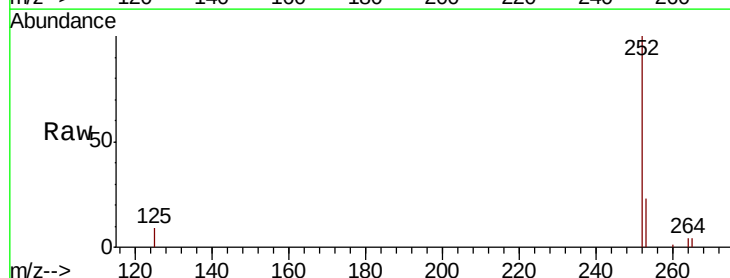
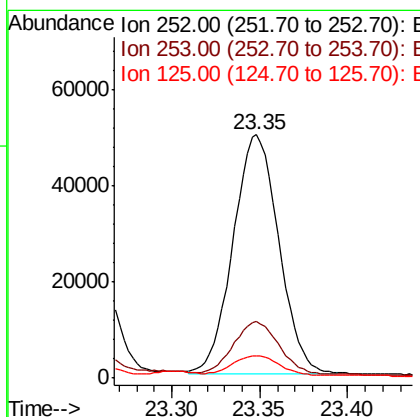
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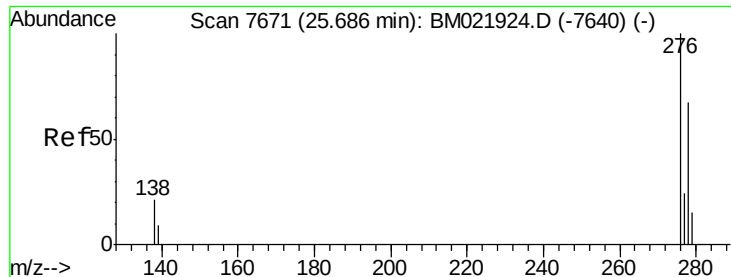
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#23
Benzo(a)pyrene
Concen: 5.474 ng/ul m
RT: 23.35 min Scan# 6706
Delta R.T. -0.02 min
Lab File: BM021934.D
Acq: 08 Aug 2019 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	31.7	47.5#
125	9.2	14.6	21.8#





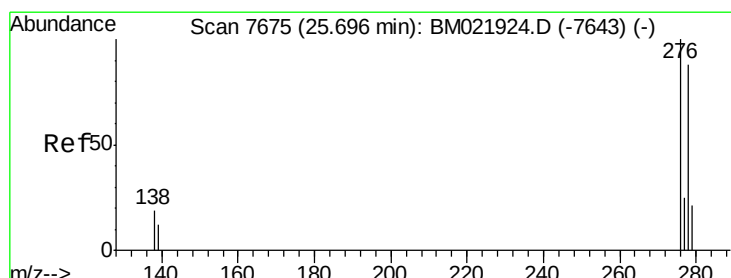
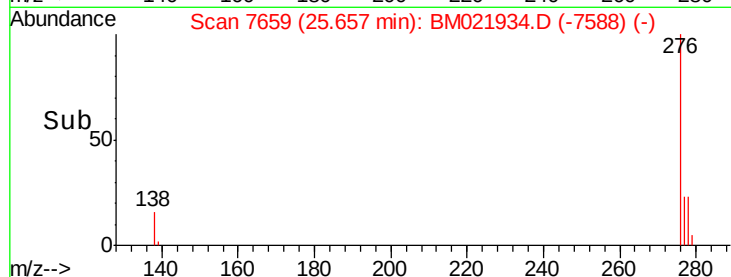
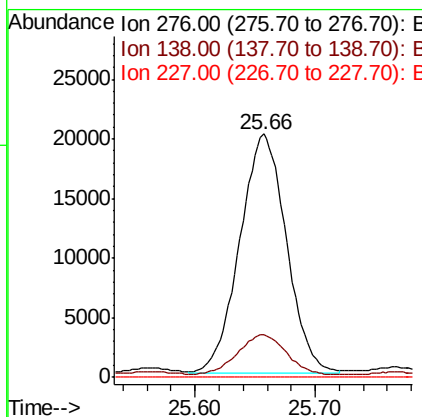
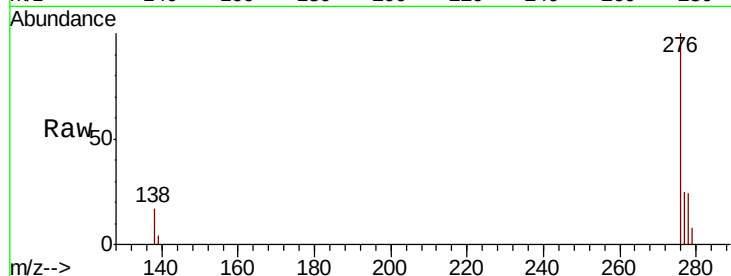
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.737 ng/ul m
 RT: 25.66 min Scan# 7659
 Delta R.T. -0.03 min
 Lab File: BM021934.D
 Acq: 08 Aug 2019 15:39

Instrument :
 BNA_M
 ClientSampled :
 BENR5

Tot Ion	Ratio	Lower	Upper
276	100		
138	2.7	15.1	22.7#
227	0.0	0.0	0.0

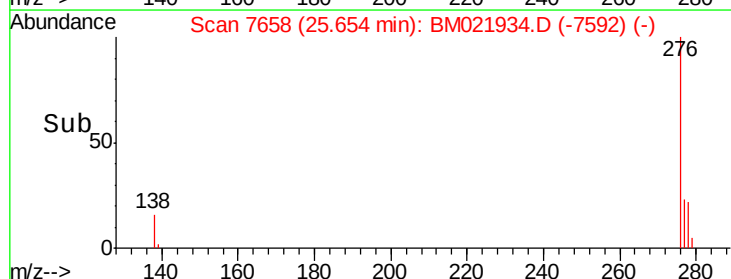
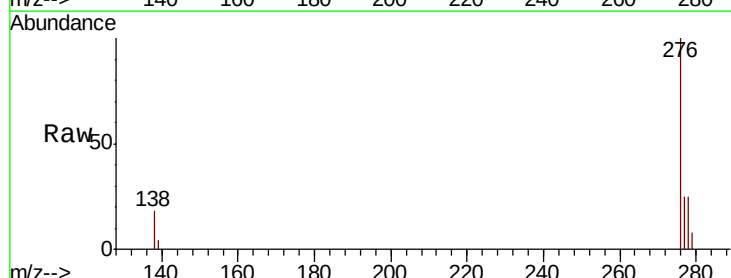
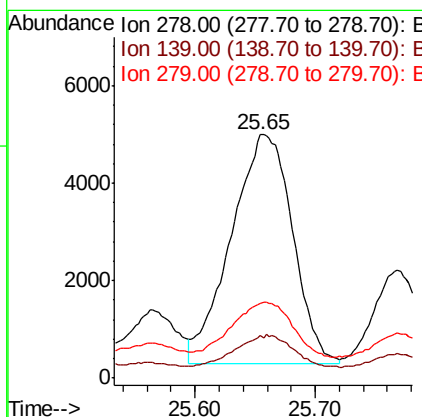
Manual Integrations
 APPROVED

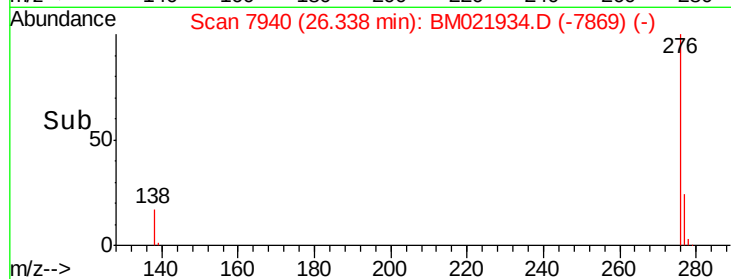
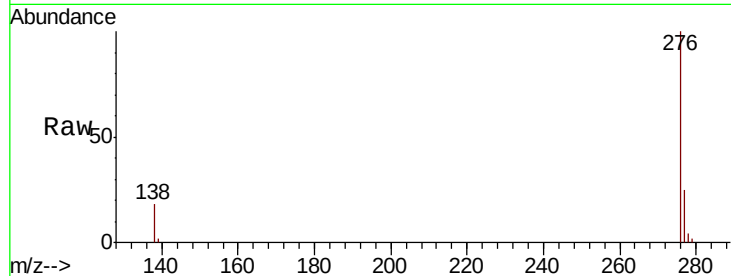
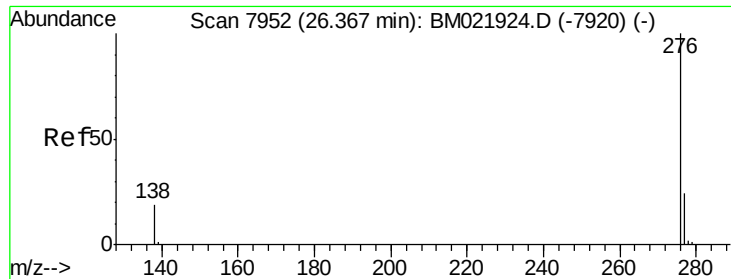
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#25
 Dibenzo(a,h)anthracene
 Concen: 1.050 ng/ul m
 RT: 25.65 min Scan# 7658
 Delta R.T. -0.04 min
 Lab File: BM021934.D
 Acq: 08 Aug 2019 15:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.2	21.2
279	30.5	28.3	42.5





#26
Benzo(a,h,i)perylene
Concen: 3.198 ng/ul m
RT: 26.34 min Scan# 7940
Delta R.T. -0.03 min
Lab File: BM021934.D
Acq: 08 Aug 2019 15:39

Instrument :
BNA_M
ClientSampleId :
BENR5

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.2	15.5	23.3
277	24.6	21.4	32.2

Manual Integrations
APPROVED

Sohil
8/13/2019 8:29:28 AM

