

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027949.D
 Acq On : 24 Nov 2020 18:57
 Operator : JU/CG
 Sample : L4749-17
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B16

Manual Integrations
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Quant Time: Nov 25 01:18:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 15:00:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	914	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	3642	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2063	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3463	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2031	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	1919	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	912	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1293	0.14	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.21	128	380	0.035	ng/ul#	66
5) 2-Methylnaphthalene	12.80	142	220	0.030	ng/ul	99
7) Acenaphthylene	14.67	152	617	0.061	ng/ul#	79
8) Acenaphthene	15.00	153	541	0.072	ng/ul	95
9) Fluorene	15.98	166	986	0.113	ng/ul#	97
12) Phenanthrene	17.70	178	23405	2.140	ng/ul	97
13) Anthracene	17.79	178	4757	0.451	ng/ul	98
15) Fluoranthene	19.68	202	64702	5.334	ng/ul	99
17) Pyrene	20.03	202	55557	5.386	ng/ul	98
18) Benzo(a)anthracene	21.74	228	31639	3.861	ng/ul	100
19) Chrysene	21.80	228	39471	4.945	ng/ul	98
21) Benzo(b)fluoranthene	23.45	252	54134m	6.712	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	17431m	2.207	ng/ul	
23) Benzo(a)pyrene	24.07	252	29100	4.127	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.67	276	24300	3.183	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.67	278	6165	0.970	ng/ul	98
26) Benzo(a,h,i)perylene	27.45	276	20707	3.233	ng/ul	93

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

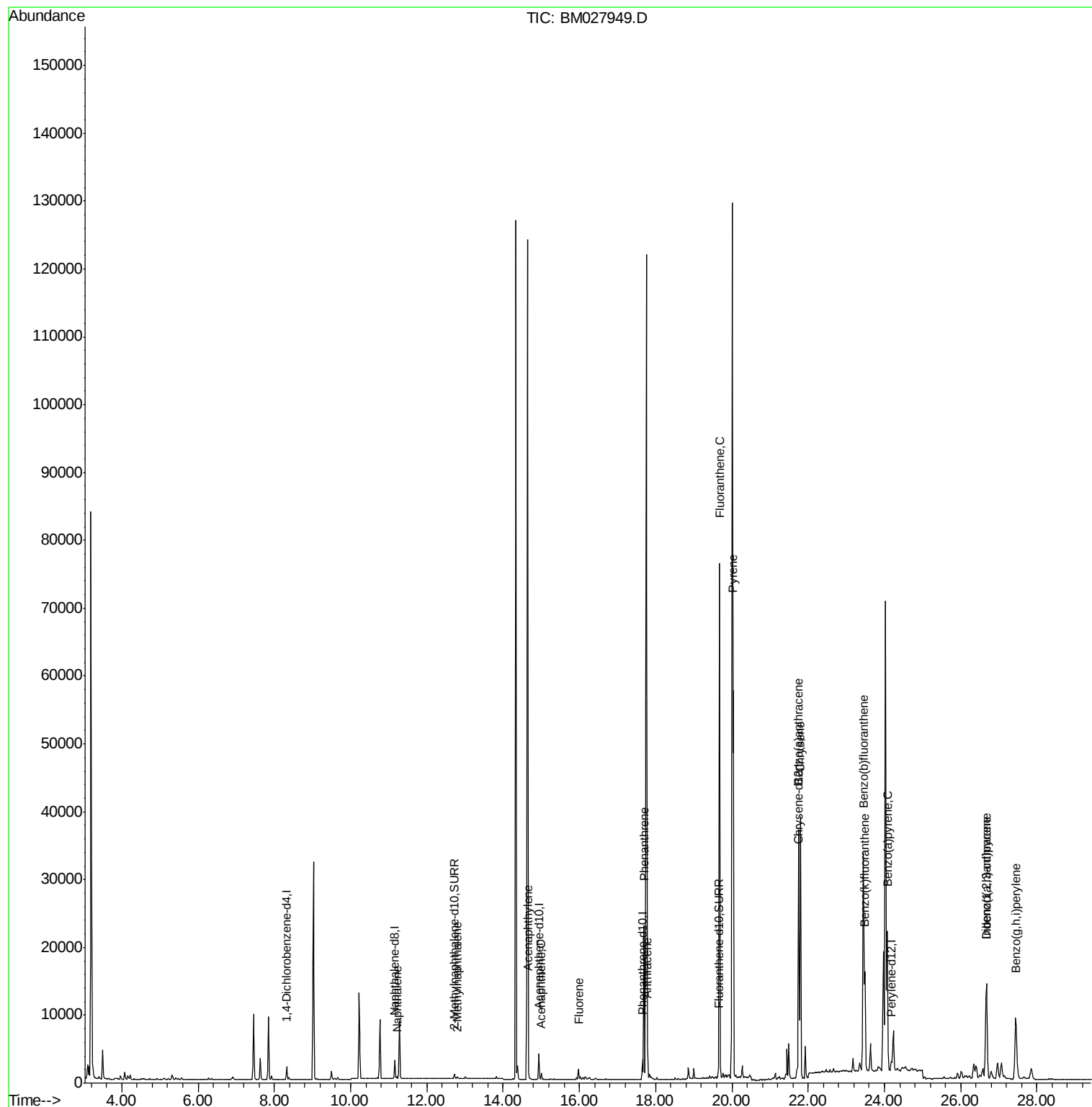
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027949.D
Acq On : 24 Nov 2020 18:57
Operator : JU/CG
Sample : L4749-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

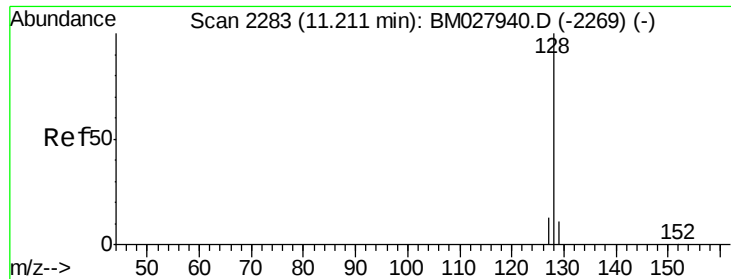
Instrument :
BNA_M
ClientSampleId :
C0B16

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Quant Time: Nov 25 01:18:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 15:00:24 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.035 ng/ul

RT: 11.21 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BM027949.D

Acq: 24 Nov 2020 18:57

Instrument :

BNA_M

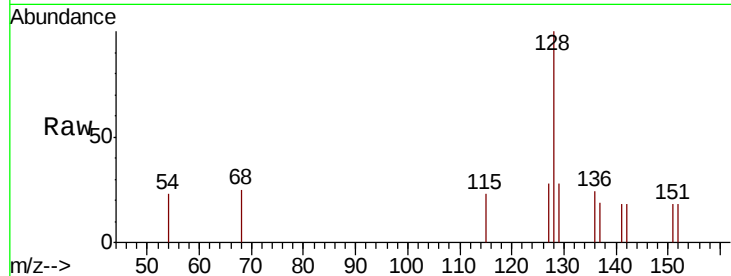
ClientSampleId :

C0B16

Tot Ion:	128	Resp:	380
Ion Ratio	Lower	Upper	
128	100		
129	28.1	10.4	15.6#
127	28.1	12.0	18.0#

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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

11.21

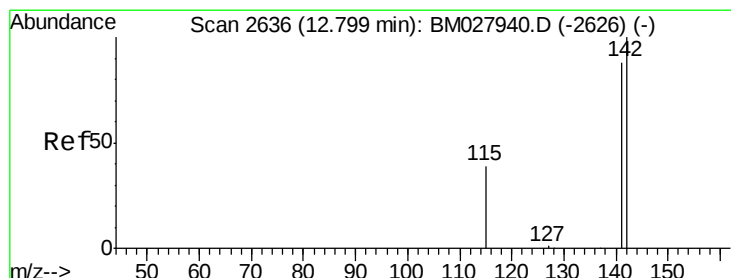
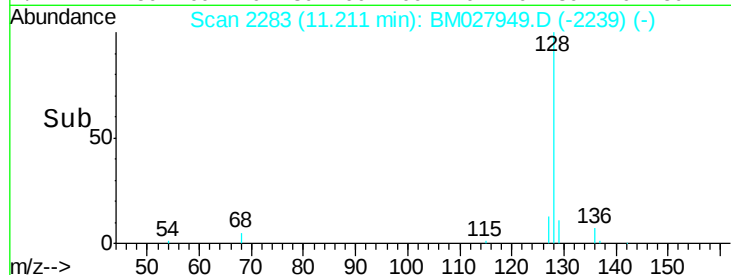
300

200

100

0

Time-->



#5

2-Methylnaphthalene

Concen: 0.030 ng/ul

RT: 12.80 min Scan# 2636

Delta R.T. -0.00 min

Lab File: BM027949.D

Acq: 24 Nov 2020 18:57

Tgt Ion:	142	Resp:	220
Ion Ratio	Lower	Upper	
142	100		
141	90.5	71.6	107.4

Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.80

200

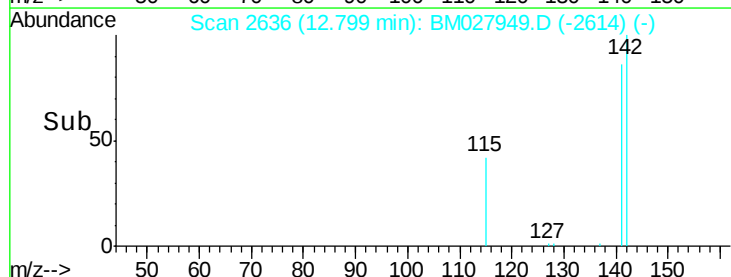
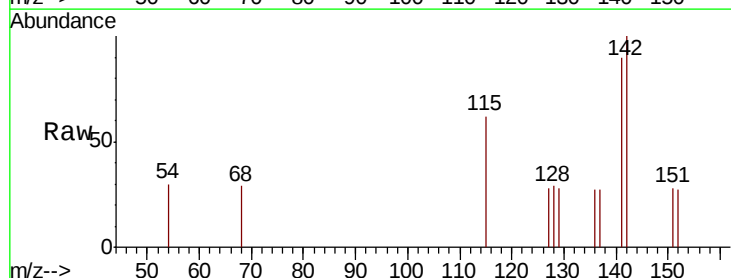
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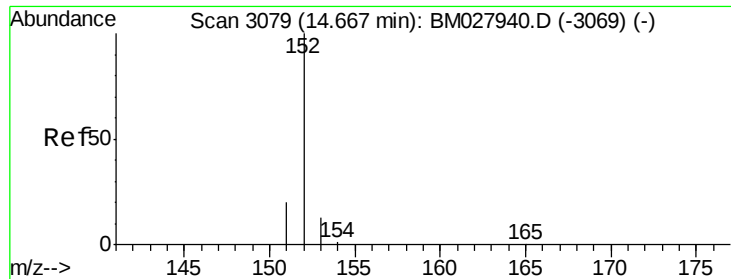
100

50

0

Time-->





#7

Acenaphthylene

Concen: 0.061 ng/ul

RT: 14.67 min Scan# 3079

Delta R.T. -0.00 min

Lab File: BM027949.D

Acq: 24 Nov 2020 18:57

Instrument :

BNA_M

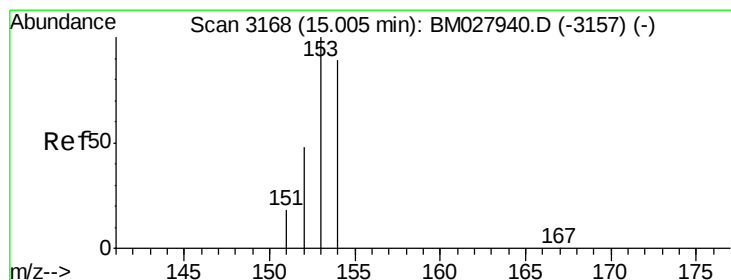
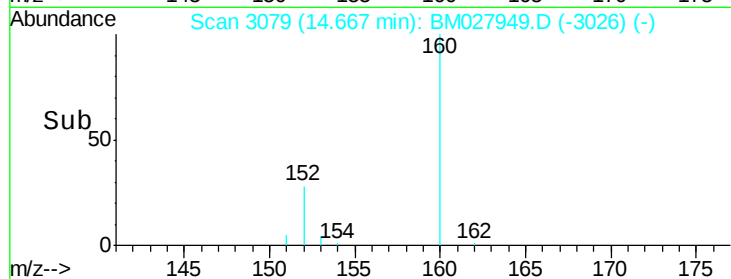
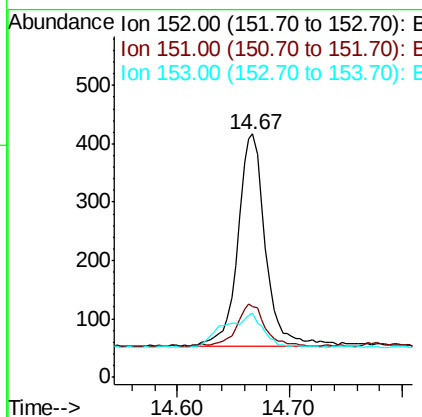
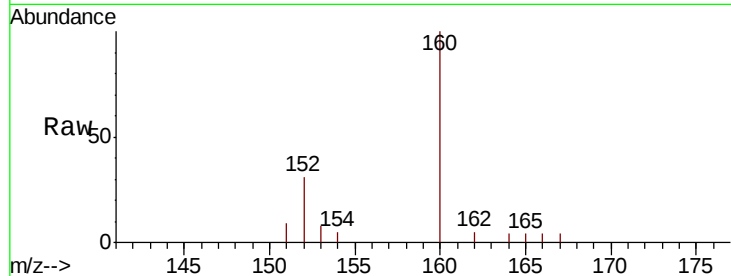
ClientSampleId :

C0B16

Tot Ion:	152	Resp:	617
Ion Ratio	Lower	Upper	
152	100		
151	29.0	17.1	25.7#
153	26.1	12.0	18.0#

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#8

Acenaphthene

Concen: 0.072 ng/ul

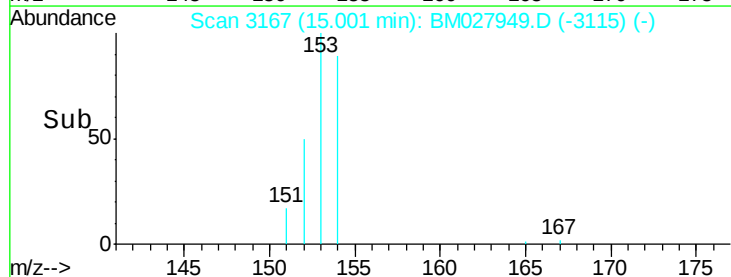
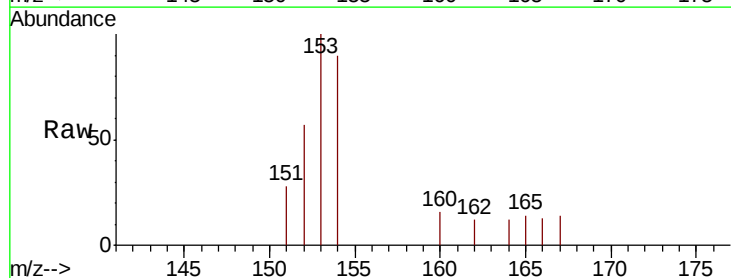
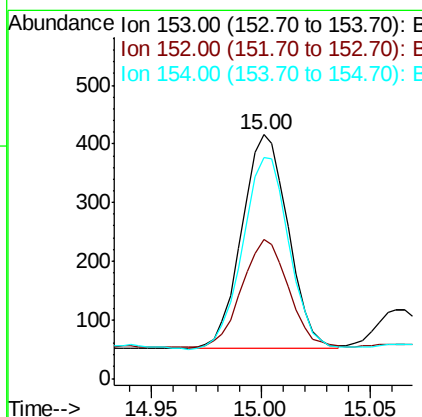
RT: 15.00 min Scan# 3167

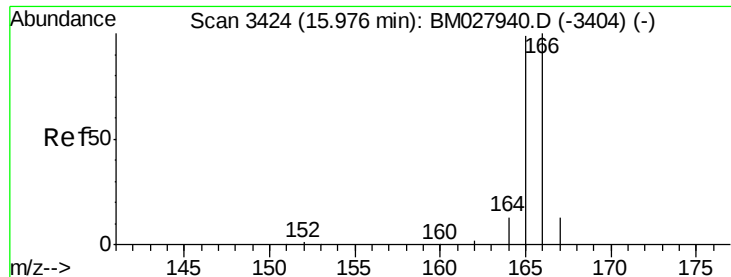
Delta R.T. -0.00 min

Lab File: BM027949.D

Acq: 24 Nov 2020 18:57

Tgt Ion:	153	Resp:	541
Ion Ratio	Lower	Upper	
153	100		
152	56.7	39.0	58.6
154	90.4	71.6	107.4





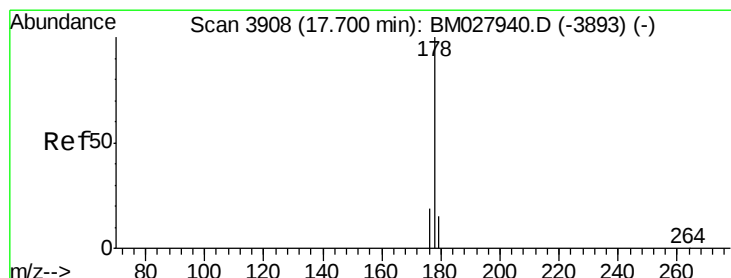
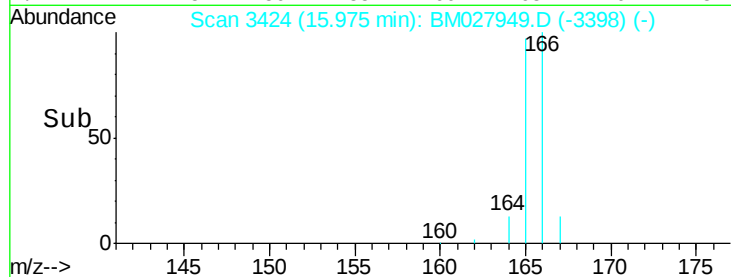
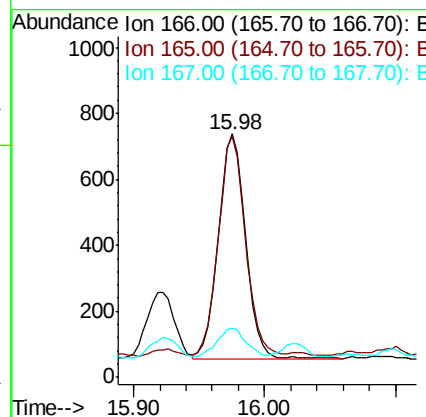
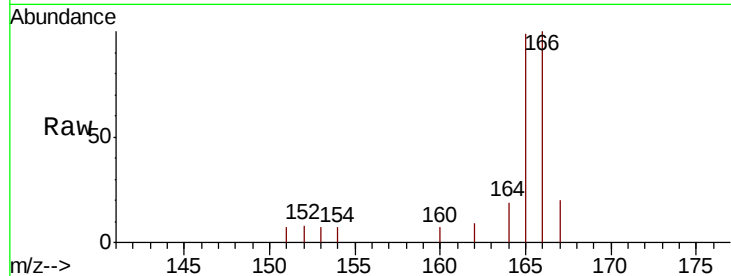
#9
Fluorene
 Concen: 0.113 ng/ul
 RT: 15.98 min Scan# 3424
 Delta R.T. -0.00 min
 Lab File: BM027949.D
 Acq: 24 Nov 2020 18:57

Instrument :
 BNA_M
 ClientSampleId :
 C0B16

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.1	117.1
167	20.1	11.8	17.8

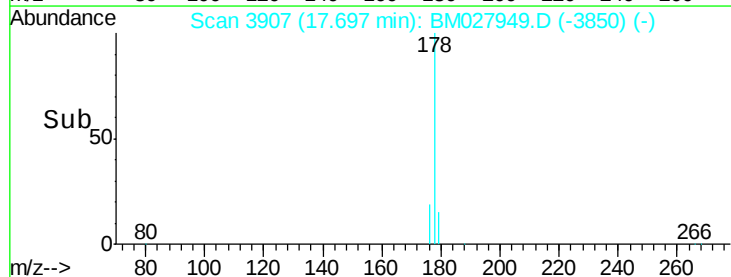
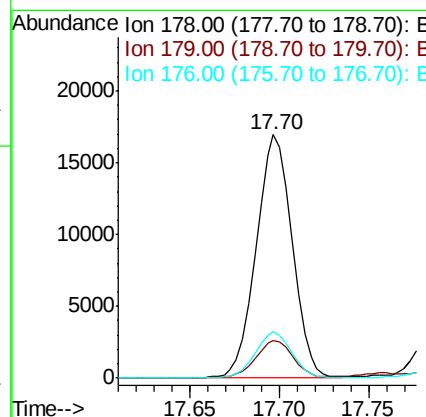
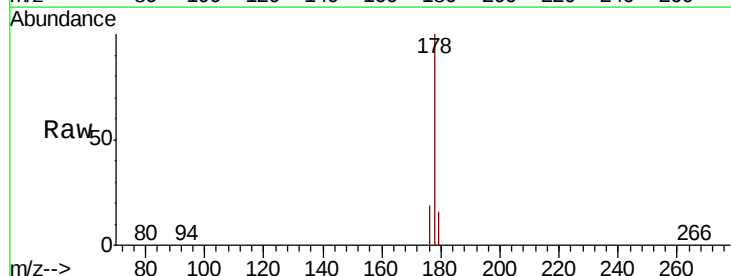
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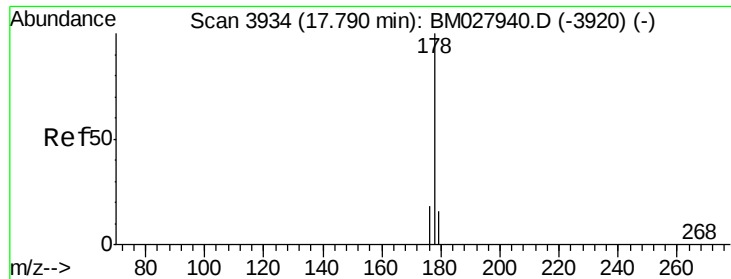
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#12
Phenanthrene
 Concen: 2.140 ng/ul
 RT: 17.70 min Scan# 3907
 Delta R.T. -0.00 min
 Lab File: BM027949.D
 Acq: 24 Nov 2020 18:57

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.6	20.4
176	19.1	16.1	24.1





#13

Anthracene

Concen: 0.451 ng/ul

RT: 17.79 min Scan# 3933

Delta R.T. -0.00 min

Lab File: BM027949.D

Acq: 24 Nov 2020 18:57

Instrument :

BNA_M

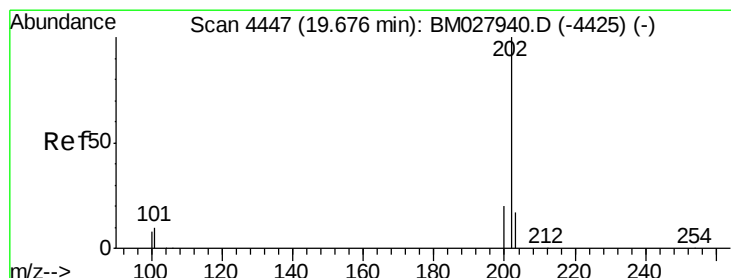
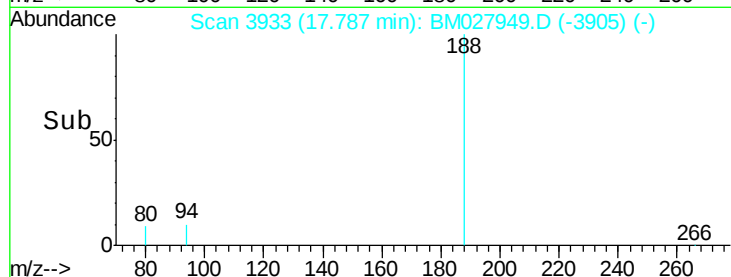
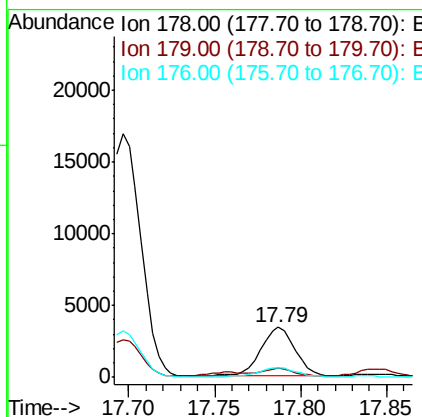
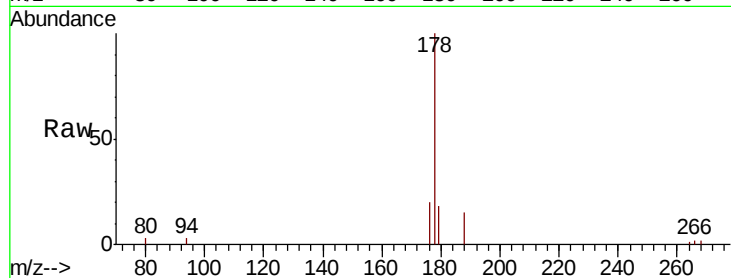
ClientSampleId :

C0B16

Tot Ion:	178	Resp:	4757
Ion Ratio	Lower	Upper	
178	100		
179	17.8	13.4	20.2
176	19.7	15.0	22.6

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#15

Fluoranthene

Concen: 5.334 ng/ul

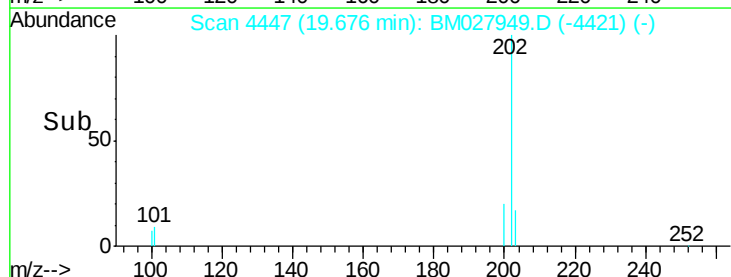
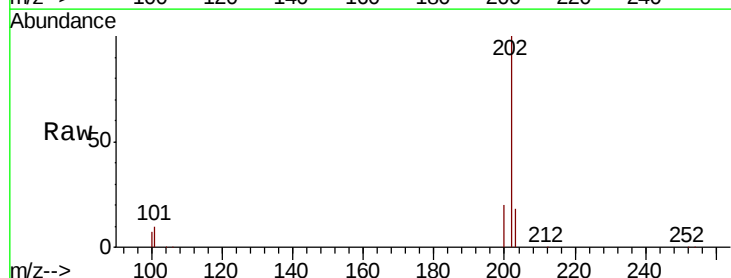
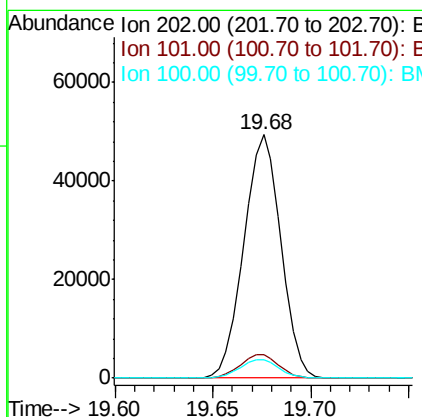
RT: 19.68 min Scan# 4447

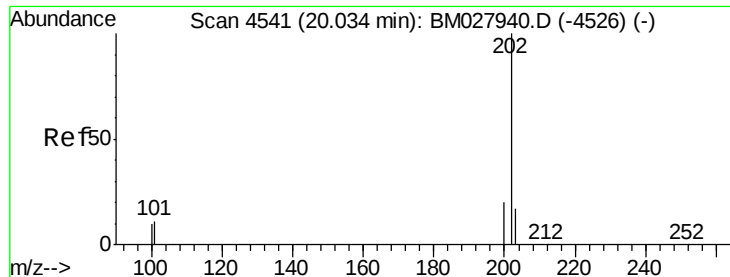
Delta R.T. -0.00 min

Lab File: BM027949.D

Acq: 24 Nov 2020 18:57

Tgt Ion:	202	Resp:	64702
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	29.3
100	7.5	0.0	27.4





#17

Pvrene

Concen: 5.386 ng/ul

RT: 20.03 min Scan# 4541

Delta R.T. -0.00 min

Lab File: BM027949.D

Acq: 24 Nov 2020 18:57

Instrument :

BNA_M

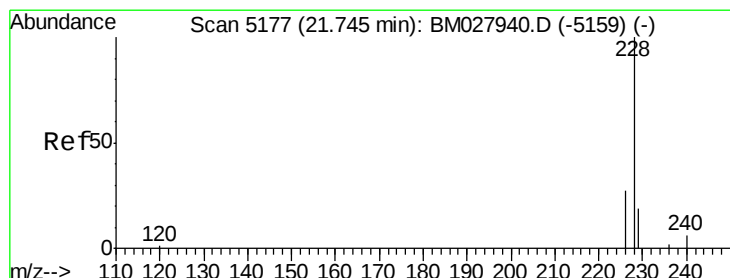
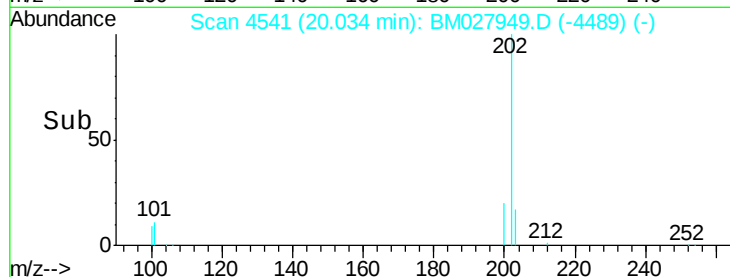
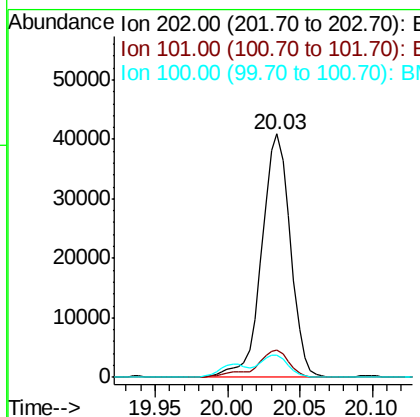
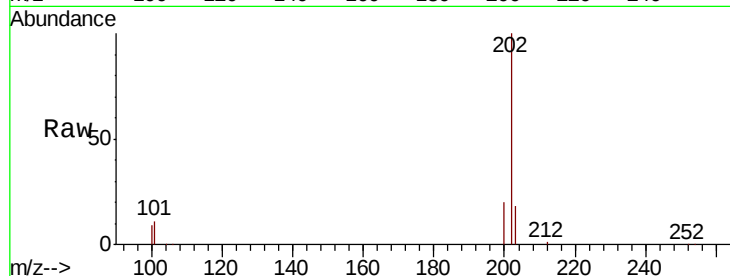
ClientSampleId :

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Tot Ion:	202	Resp:	55557
Ion Ratio	Lower	Upper	
202	100		
101	11.1	8.2	12.2
100	9.2	6.9	10.3

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#18

Benzo(a)anthracene

Concen: 3.861 ng/ul

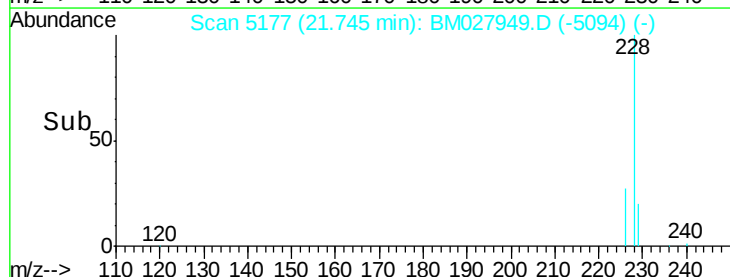
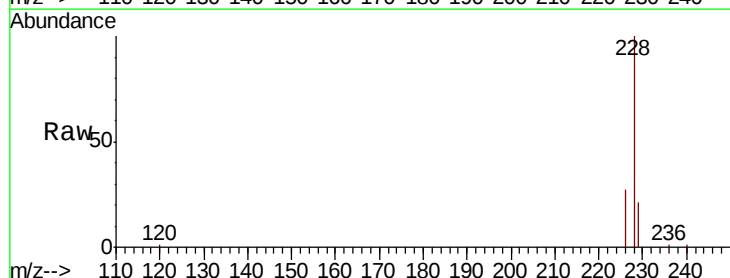
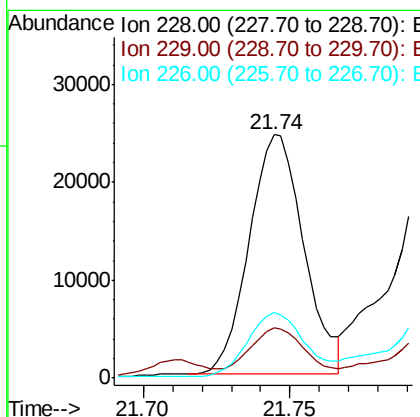
RT: 21.74 min Scan# 5177

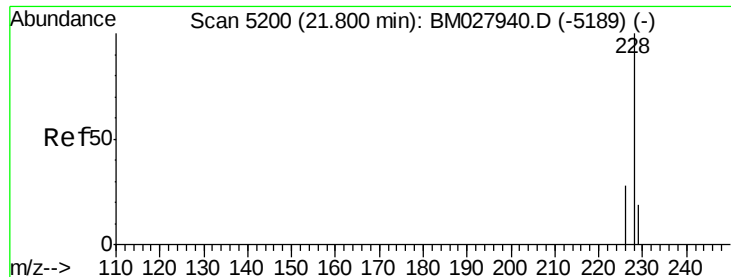
Delta R.T. -0.00 min

Lab File: BM027949.D

Acq: 24 Nov 2020 18:57

Tgt Ion:	228	Resp:	31639
Ion Ratio	Lower	Upper	
228	100		
229	20.7	16.2	24.4
226	27.0	21.5	32.3





#19

Chrysene

Concen: 4.945 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. -0.00 min

Lab File: BM027949.D

Acq: 24 Nov 2020 18:57

Instrument :

BNA_M

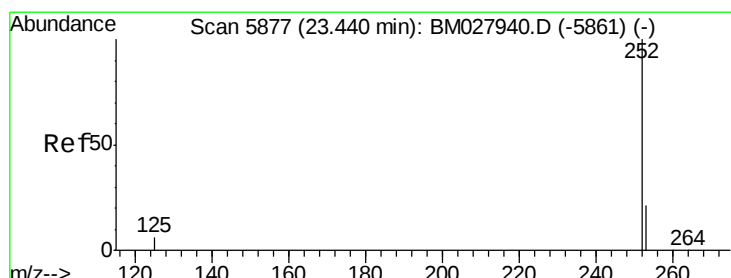
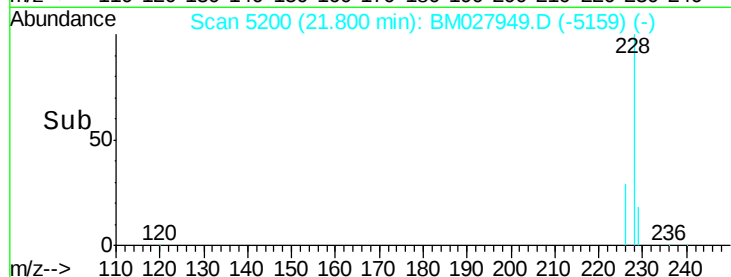
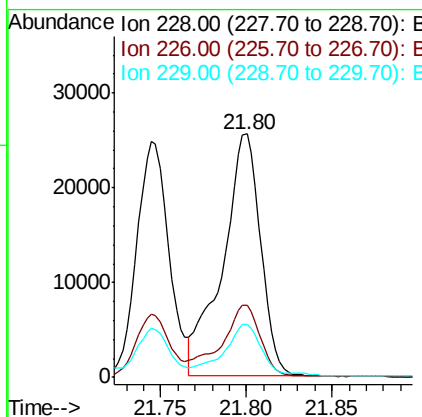
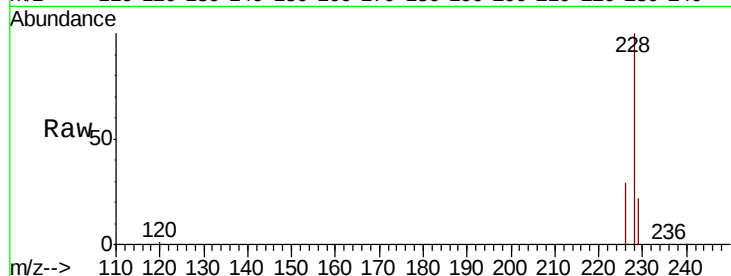
ClientSampleId :

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Tot Ion:	228	Resp:	39471
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.1	36.1
229	21.8	16.6	24.8

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#21

Benzo(b)fluoranthene

Concen: 6.712 ng/ul m

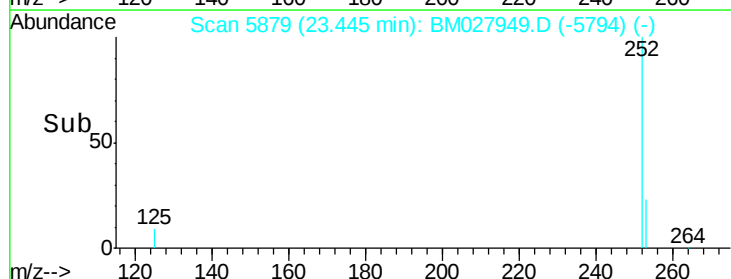
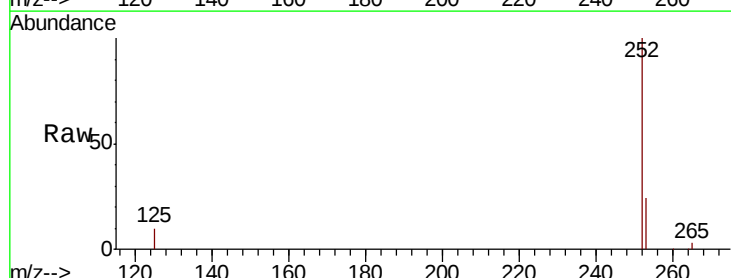
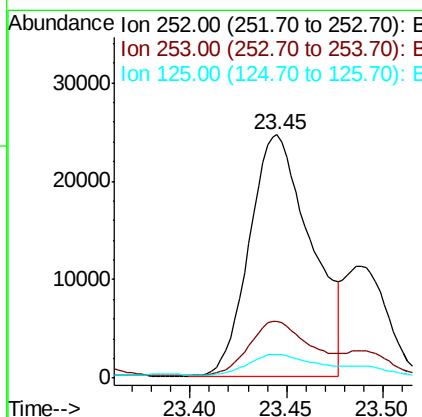
RT: 23.45 min Scan# 5879

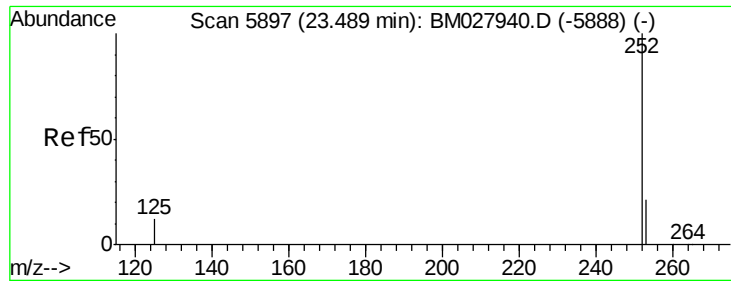
Delta R.T. 0.00 min

Lab File: BM027949.D

Acq: 24 Nov 2020 18:57

Tgt Ion:	252	Resp:	54134
Ion Ratio	Lower	Upper	
252	100		
253	23.5	0.0	59.6
125	9.7	0.0	28.4





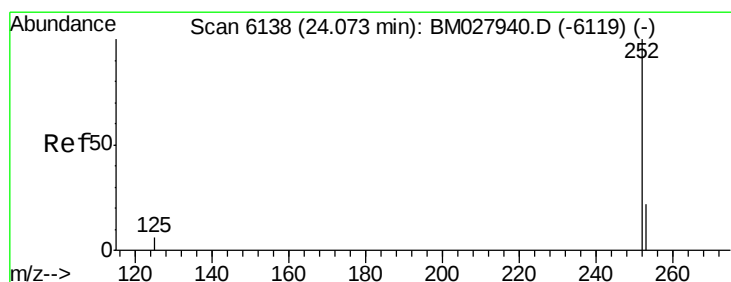
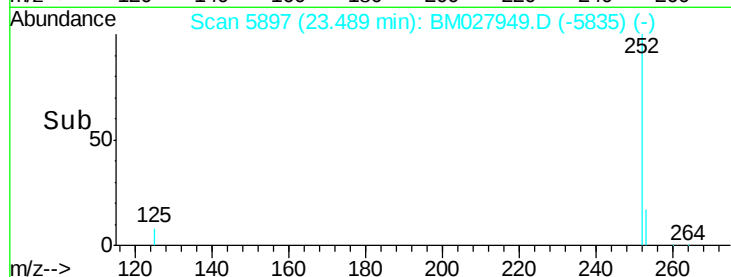
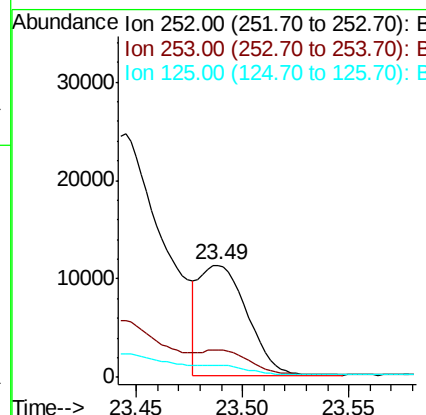
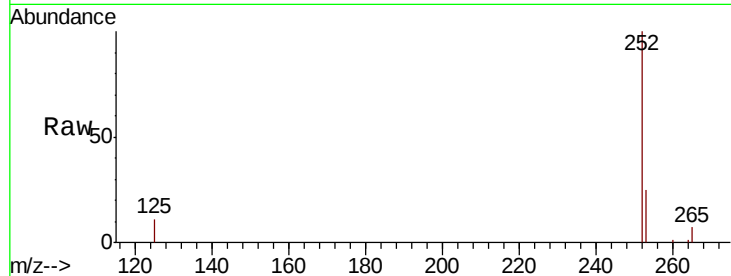
#22
Benzo(k)fluoranthene
Concen: 2.207 ng/ul m
RT: 23.49 min Scan# 5897
Delta R.T. -0.00 min
Lab File: BM027949.D
Acq: 24 Nov 2020 18:57

Instrument :
BNA_M
ClientSampleId :
C0B16

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	23.2	34.8
125	10.7	11.8	17.6

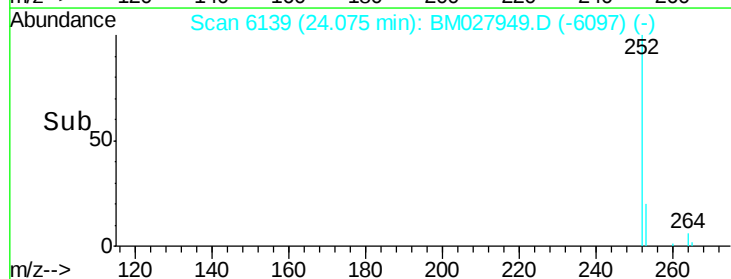
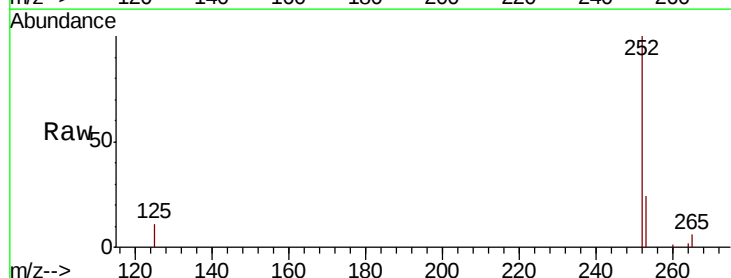
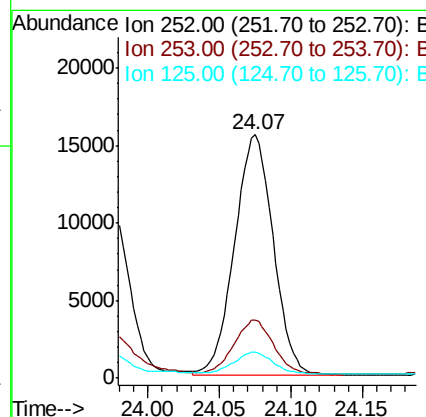
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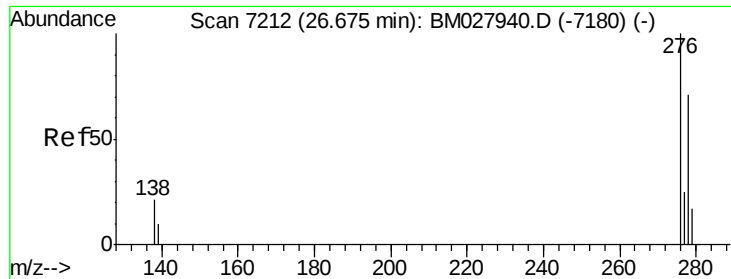
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#23
Benzo(a)pyrene
Concen: 4.127 ng/ul
RT: 24.07 min Scan# 6139
Delta R.T. 0.00 min
Lab File: BM027949.D
Acq: 24 Nov 2020 18:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	25.2	37.8
125	10.7	13.8	20.6





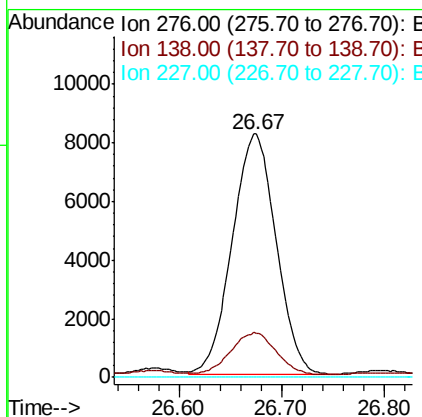
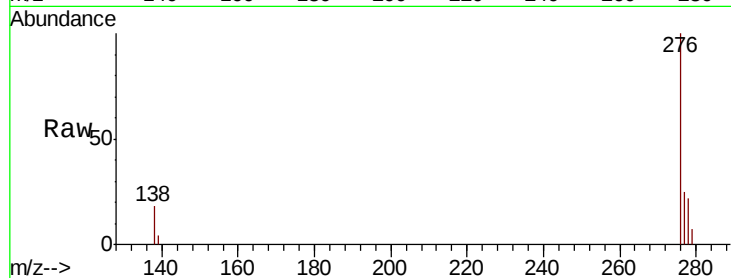
#24
Indeno(1,2,3-cd)pyrene
Concen: 3.183 ng/uL
RT: 26.67 min Scan# 7212
Delta R.T. -0.00 min
Lab File: BM027949.D
Acq: 24 Nov 2020 18:57

Instrument :
BNA_M
ClientSampled :
C0B16

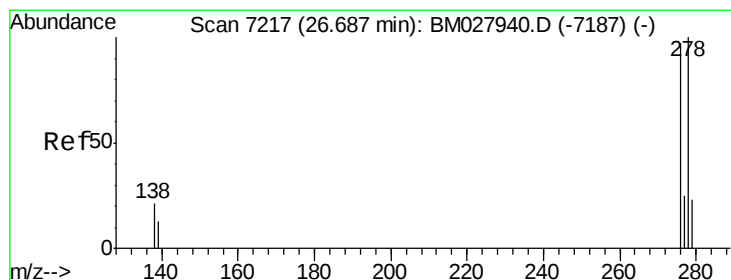
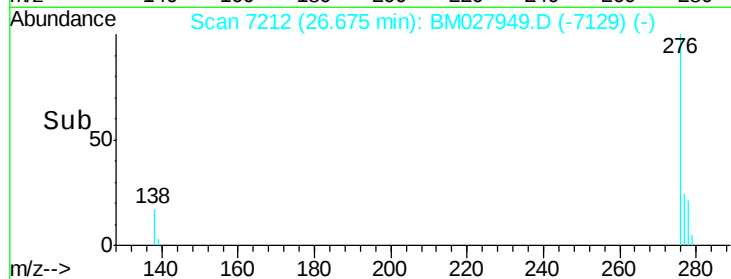
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.0	15.7	23.5
227	0.0	0.0	0.0

Manual Integrations
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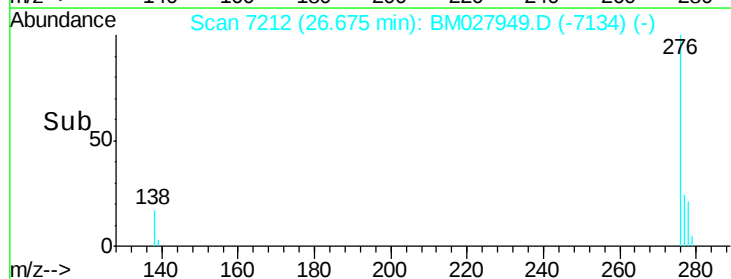
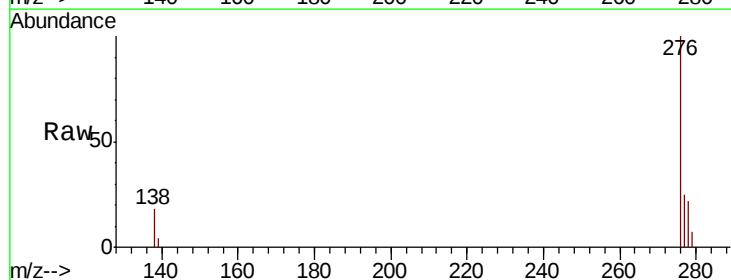
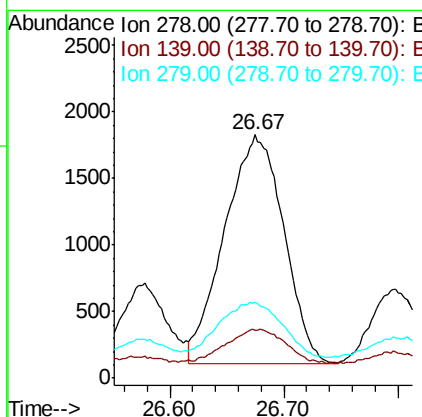


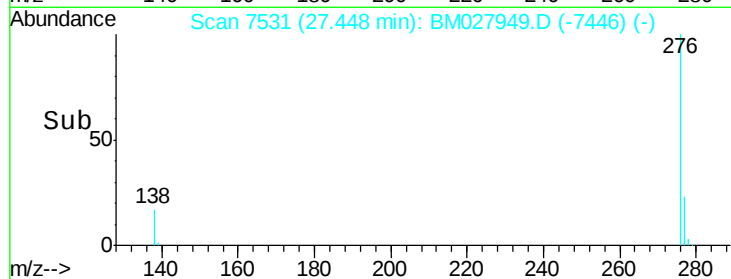
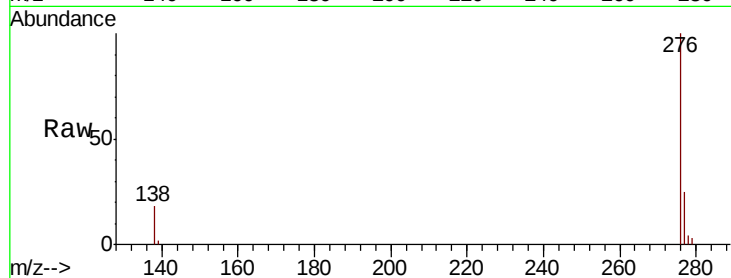
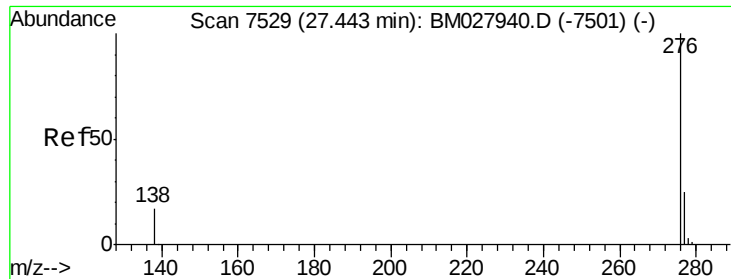
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#25
Dibenzo(a,h)anthracene
Concen: 0.970 ng/uL
RT: 26.67 min Scan# 7212
Delta R.T. -0.01 min
Lab File: BM027949.D
Acq: 24 Nov 2020 18:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.8	14.8	22.2
279	31.1	25.8	38.6





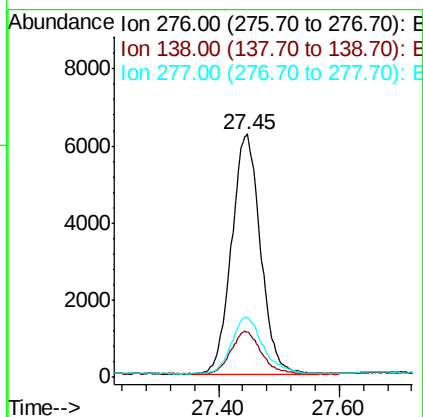
#26
 Benzo(a,h,i)perylene
 Concen: 3.233 ng/ul
 RT: 27.45 min Scan# 7531
 Delta R.T. 0.00 min
 Lab File: BM027949.D
 Acq: 24 Nov 2020 18:57

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.5	17.4	26.2
277	24.5	22.5	33.7

Instrument :
 BNA_M
 ClientSampleId :
 C0B16

Manual Integrations
 APPROVED

mohammad



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