

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027947.D
 Acq On : 24 Nov 2020 17:44
 Operator : JU/CG
 Sample : L4749-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B14

Manual Integrations
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mohammad
 11/25/2020 12:46:17 PM

Quant Time: Nov 25 01:03:12 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	821	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	3117	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1657	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	2822	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	1893	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	1772	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	820	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1309	0.17	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.67	152	249	0.031	ng/ul#	47
8) Acenaphthene	15.00	153	191	0.032	ng/ul#	89
9) Fluorene	15.98	166	324	0.046	ng/ul#	93
12) Phenanthrene	17.70	178	9021	1.012	ng/ul	98
13) Anthracene	17.79	178	2125	0.247	ng/ul	94
15) Fluoranthene	19.68	202	20842	2.109	ng/ul	98
17) Pyrene	20.03	202	16779	1.745	ng/ul	97
18) Benzo(a)anthracene	21.75	228	8902	1.166	ng/ul	99
19) Chrysene	21.80	228	9111	1.225	ng/ul	98
21) Benzo(b)fluoranthene	23.45	252	10300m	1.383	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	4324m	0.593	ng/ul	
23) Benzo(a)pyrene	24.07	252	7291	1.120	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	26.67	276	4844	0.687	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.68	278	1354	0.231	ng/ul#	61
26) Benzo(g,h,i)perylene	27.45	276	4307	0.728	ng/ul	98

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

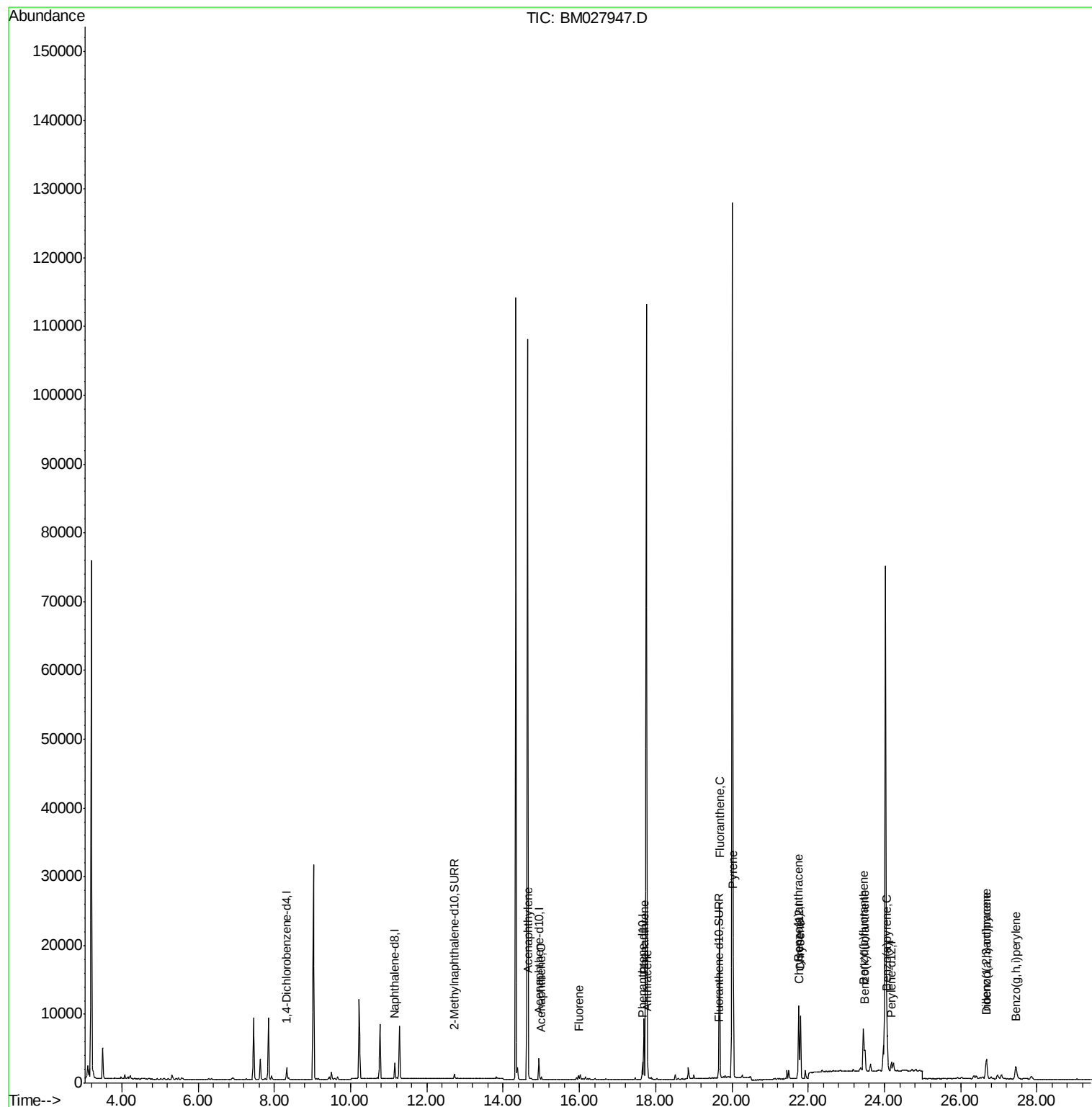
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027947.D
Acq On : 24 Nov 2020 17:44
Operator : JU/CG
Sample : L4749-15
Misc :
ALS Vial : 41 Sample Multiplier: 1

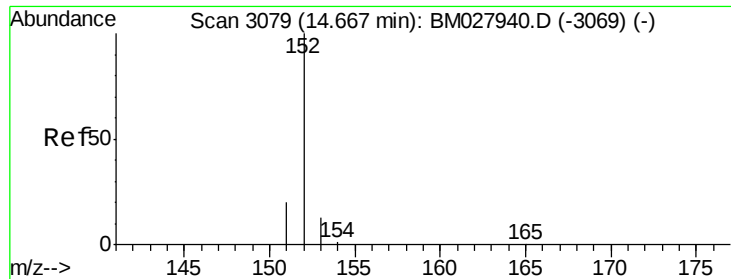
Instrument :
BNA_M
ClientSampleId :
C0B14

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Quant Time: Nov 25 01:03:12 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





#7

Acenaphthylene

Concen: 0.031 ng/ul

RT: 14.67 min Scan# 3079

Delta R.T. 0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

Instrument :

BNA_M

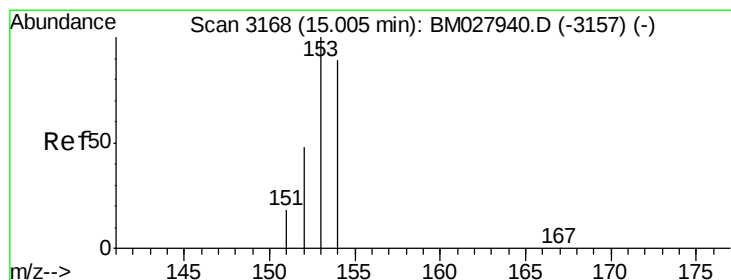
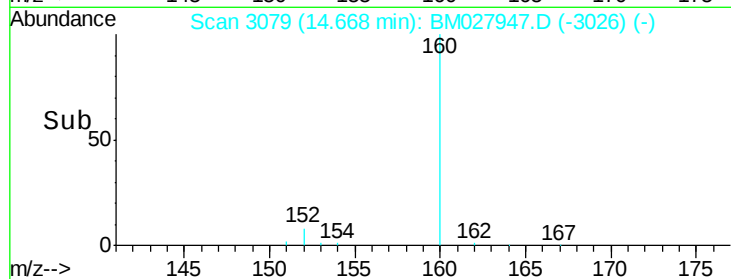
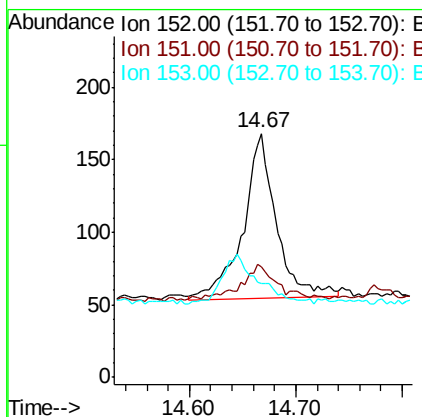
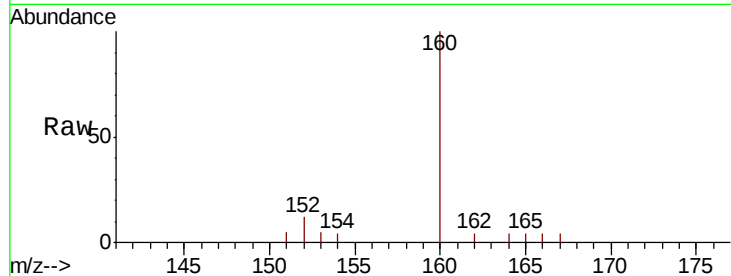
ClientSampleId :

C0B14

Tot Ion:	152	Resp:	249
Ion Ratio	Lower	Upper	
152	100		
151	45.2	17.1	25.7#
153	38.7	12.0	18.0#

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#8

Acenaphthene

Concen: 0.032 ng/ul

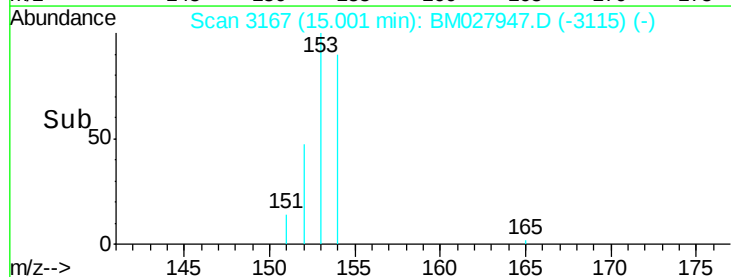
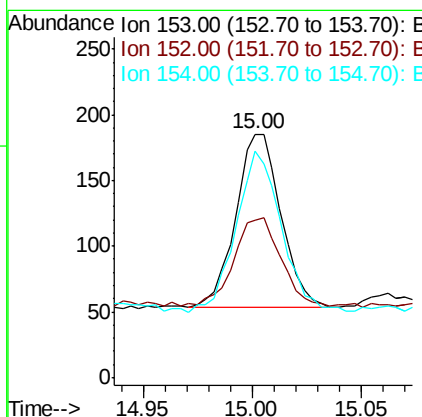
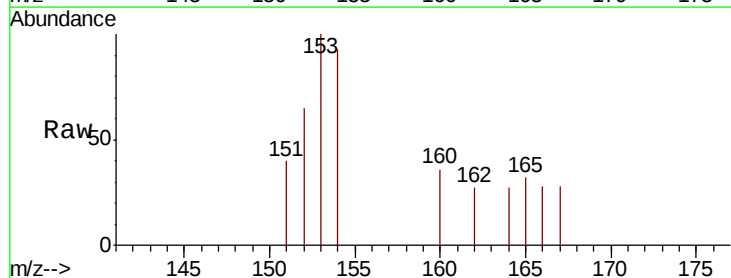
RT: 15.00 min Scan# 3167

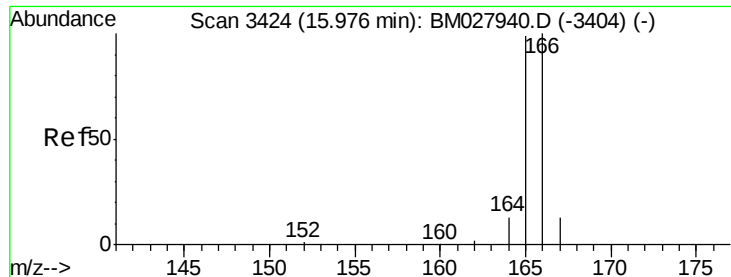
Delta R.T. -0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

Tgt Ion:	153	Resp:	191
Ion Ratio	Lower	Upper	
153	100		
152	64.9	39.0	58.6#
154	93.0	71.6	107.4





#9

Fluorene

Concen: 0.046 ng/ul

RT: 15.98 min Scan# 3424

Delta R.T. 0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

Instrument :

BNA_M

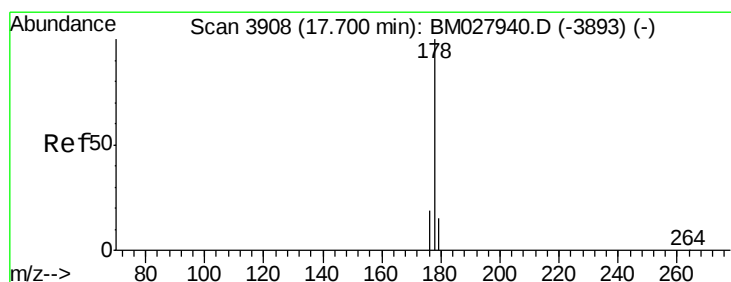
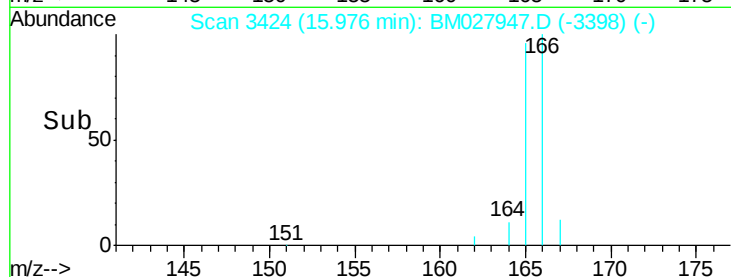
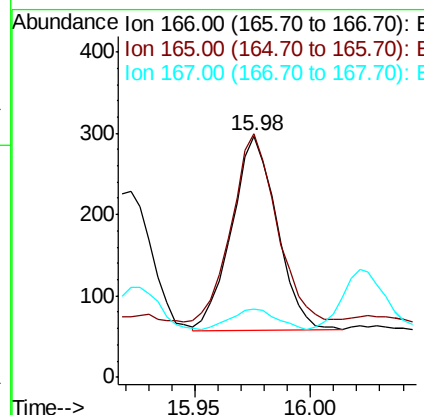
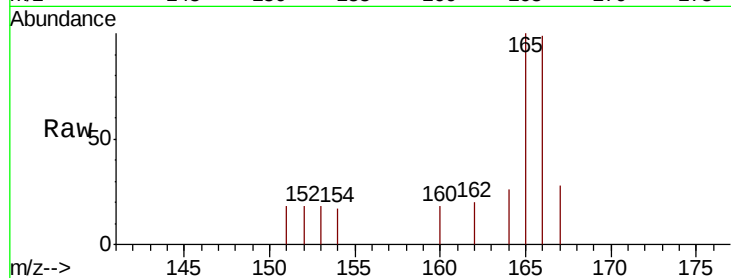
ClientSampleId :

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Tot Ion:	166	Resp:	324
Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.1	117.1
167	28.3	11.8	17.8#

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#12

Phenanthrene

Concen: 1.012 ng/ul

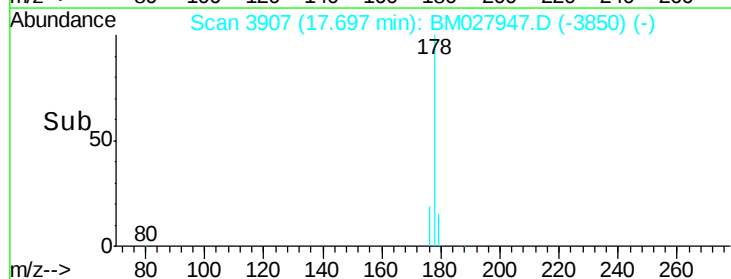
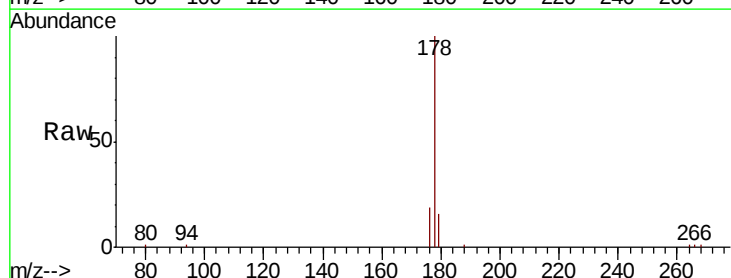
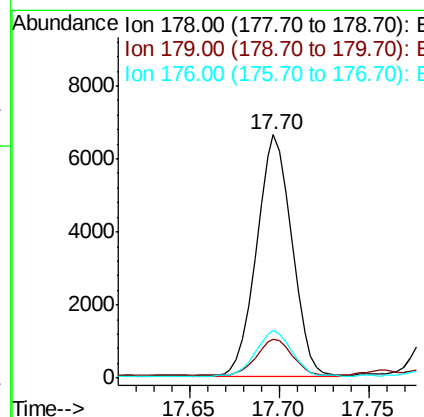
RT: 17.70 min Scan# 3907

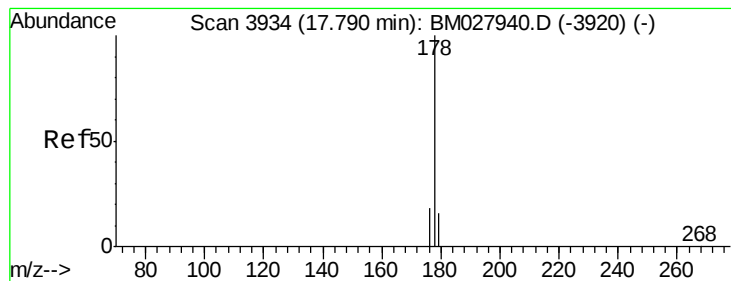
Delta R.T. -0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

Tgt Ion:	178	Resp:	9021
Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.6	20.4
176	19.4	16.1	24.1





#13

Anthracene

Concen: 0.247 ng/ul

RT: 17.79 min Scan# 3933

Delta R.T. -0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

Instrument :

BNA_M

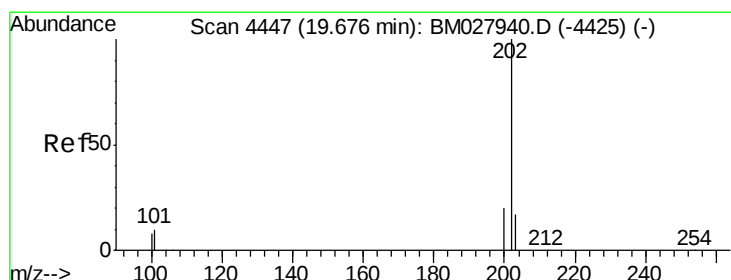
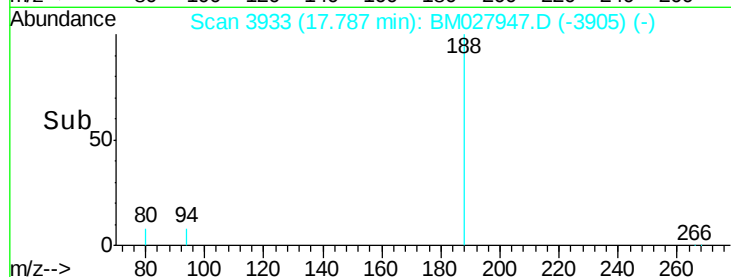
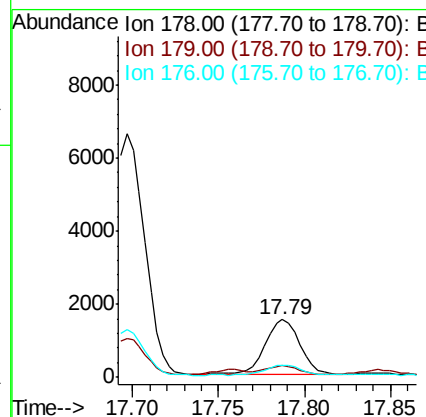
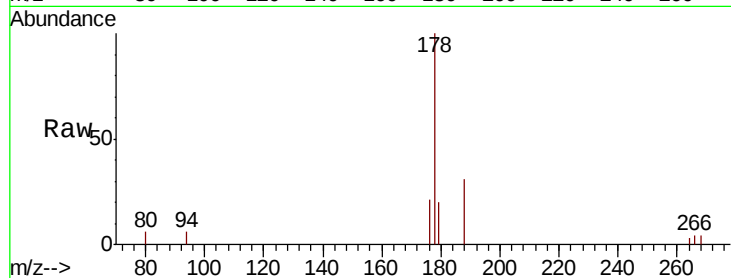
ClientSampleId :

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Tot Ion:	178	Resp:	2125
Ion	Ratio	Lower	Upper
178	100		
179	19.7	13.4	20.2
176	21.4	15.0	22.6

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#15

Fluoranthene

Concen: 2.109 ng/ul

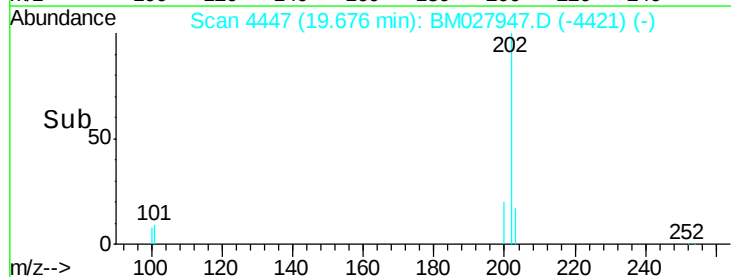
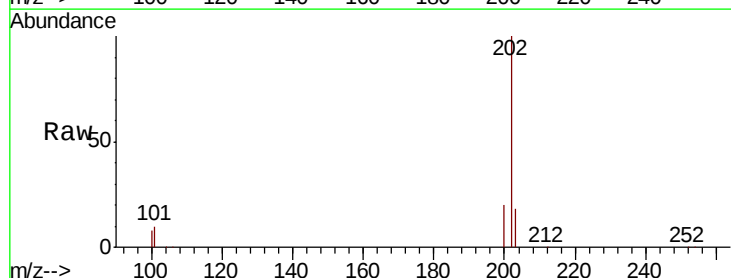
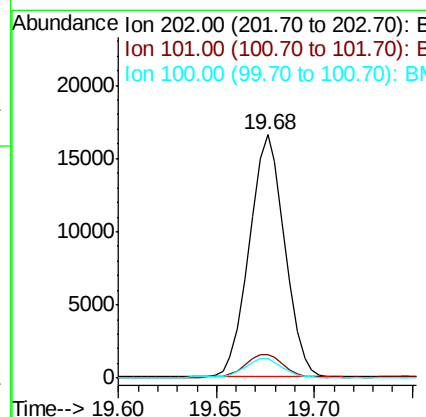
RT: 19.68 min Scan# 4447

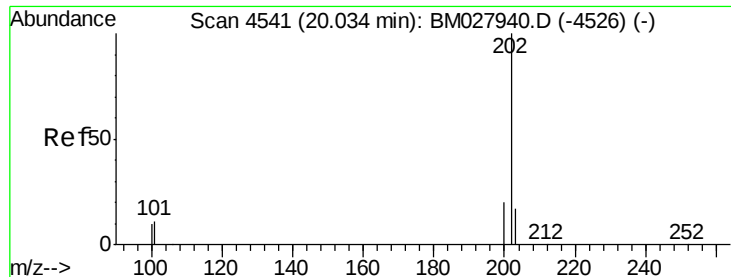
Delta R.T. 0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

Tgt Ion:	202	Resp:	20842
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.3
100	7.9	0.0	27.4





#17

Pvrene

Concen: 1.745 ng/ul

RT: 20.03 min Scan# 4541

Delta R.T. 0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

Instrument :

BNA_M

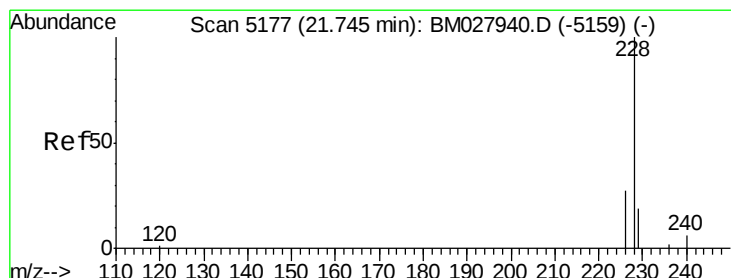
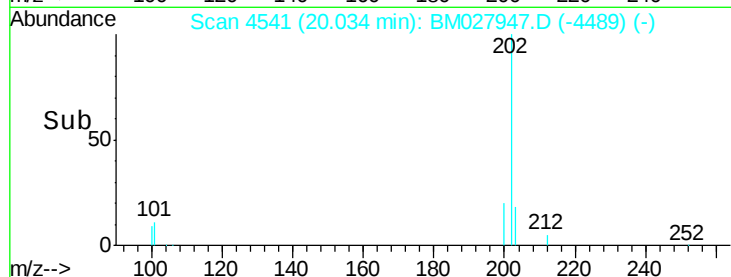
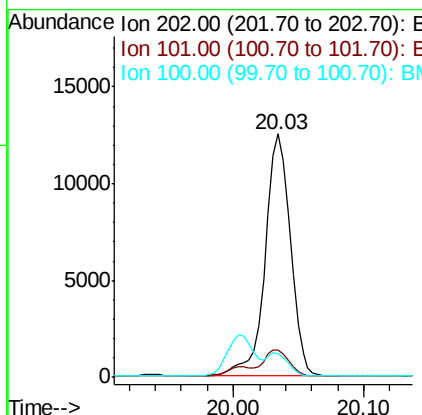
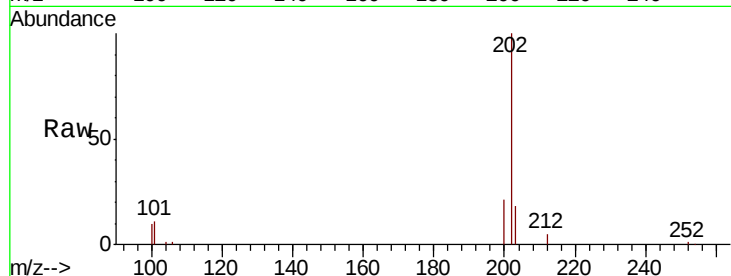
ClientSampleId :

C0B14

Tot Ion:	202	Resp:	16779
Ion Ratio	Lower	Upper	
202	100		
101	11.4	8.2	12.2
100	9.5	6.9	10.3

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#18

Benzo(a)anthracene

Concen: 1.166 ng/ul

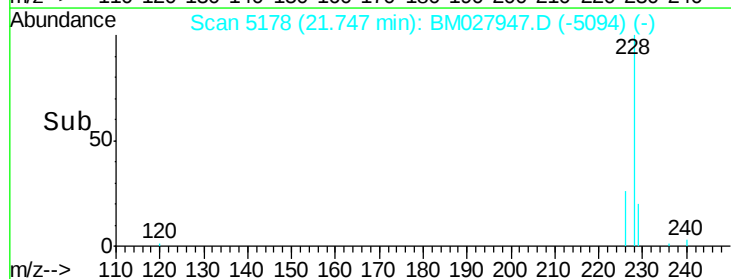
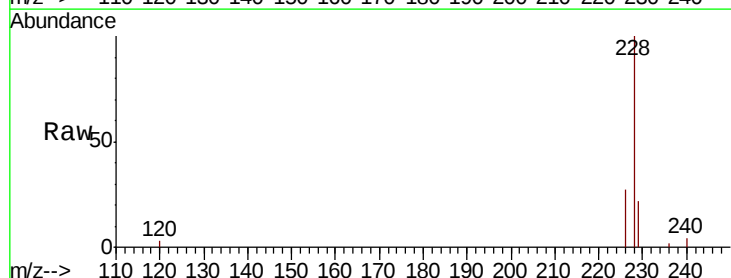
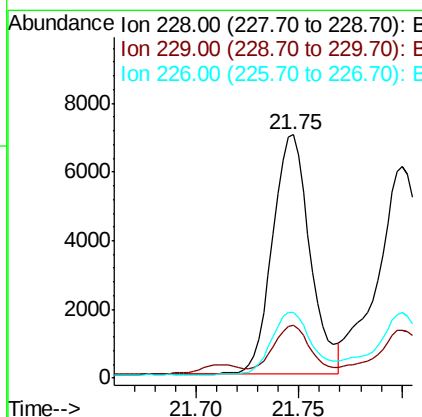
RT: 21.75 min Scan# 5178

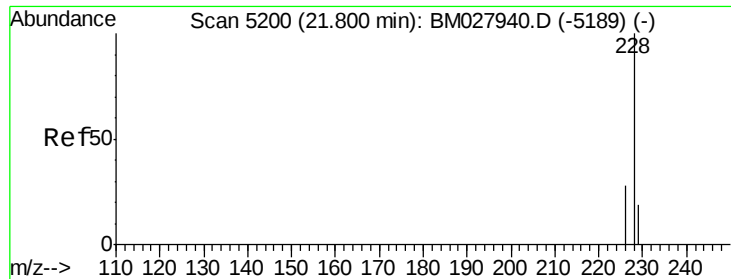
Delta R.T. 0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

Tgt Ion:	228	Resp:	8902
Ion Ratio	Lower	Upper	
228	100		
229	21.5	16.2	24.4
226	26.8	21.5	32.3





#19

Chrysene

Concen: 1.225 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. 0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

Instrument :

BNA_M

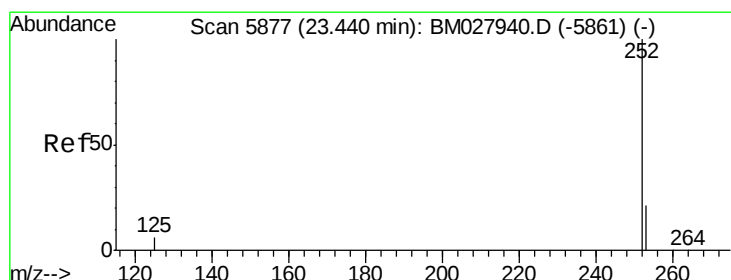
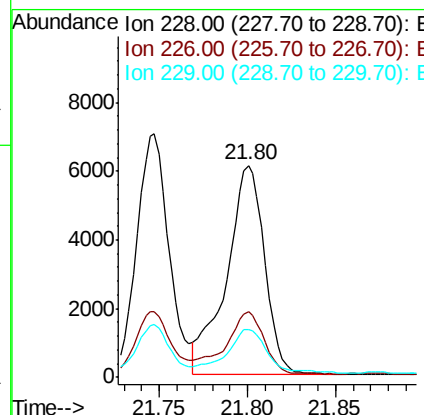
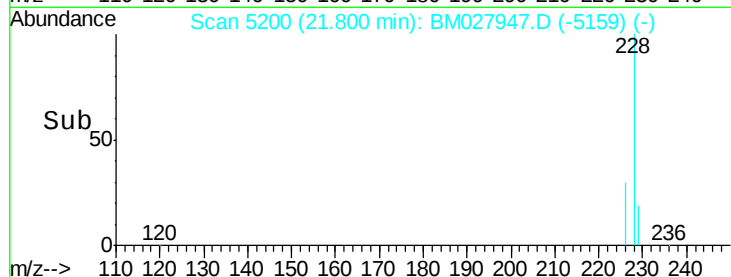
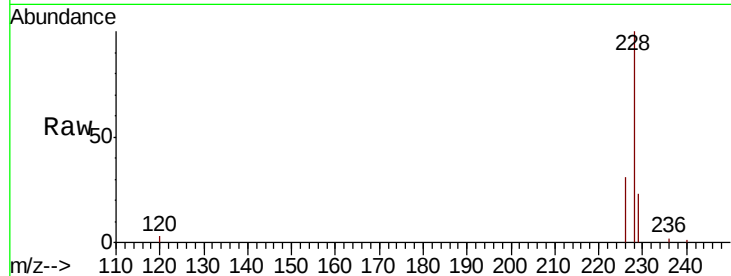
ClientSampleId :

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Tot Ion:	228	Resp:	9111
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	22.8	16.6	24.8

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#21

Benzo(b)fluoranthene

Concen: 1.383 ng/ul m

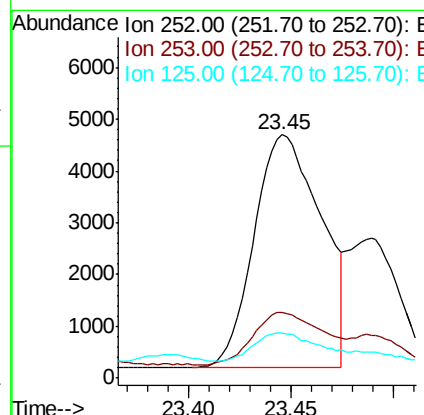
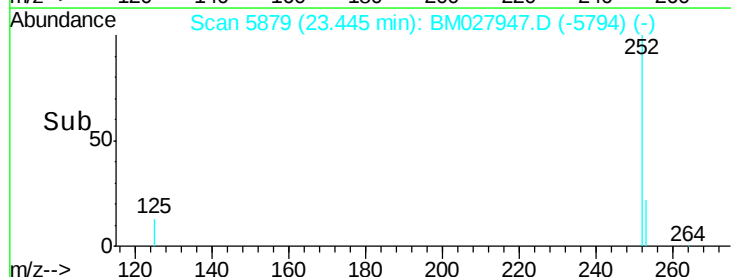
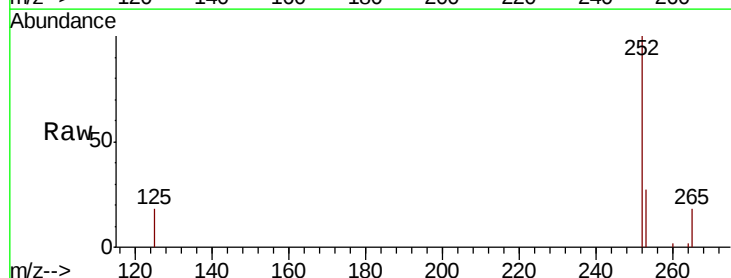
RT: 23.45 min Scan# 5879

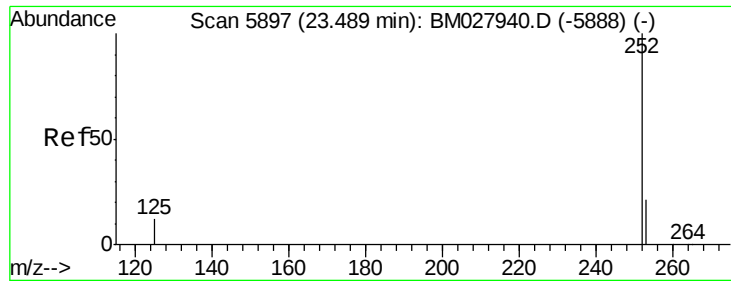
Delta R.T. 0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

Tgt Ion:	252	Resp:	10300
Ion	Ratio	Lower	Upper
252	100		
253	27.0	0.0	59.6
125	18.5	0.0	28.4





#22

Benzo(k)fluoranthene

Concen: 0.593 ng/ul m

RT: 23.49 min Scan# 5897

Delta R.T. 0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

Instrument :

BNA_M

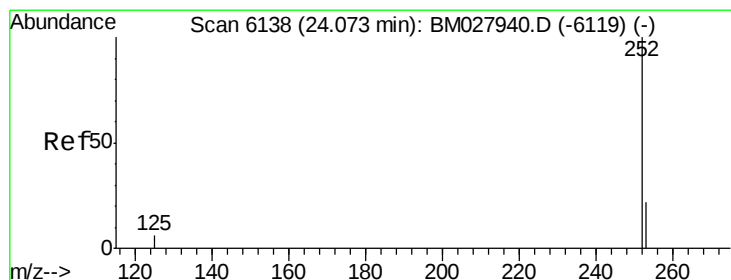
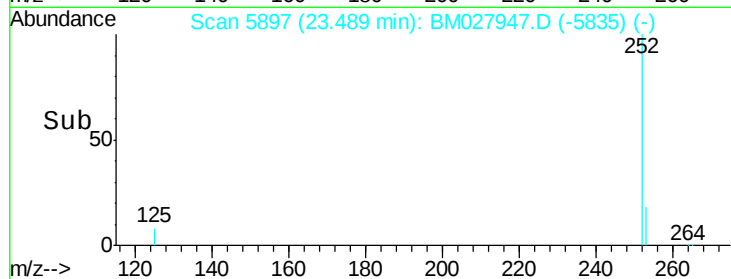
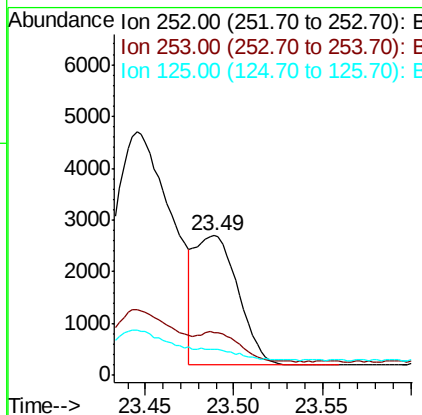
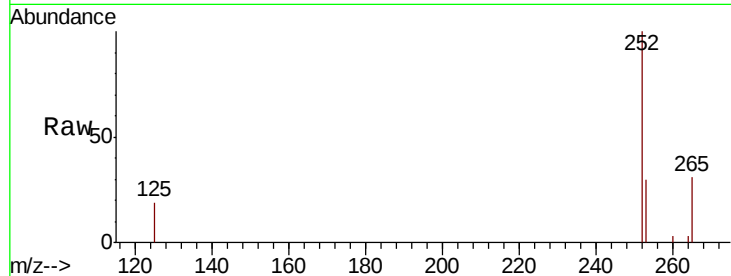
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
252	100		
253	30.2	23.2	34.8
125	18.8	11.8	17.6

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#23

Benzo(a)pyrene

Concen: 1.120 ng/ul

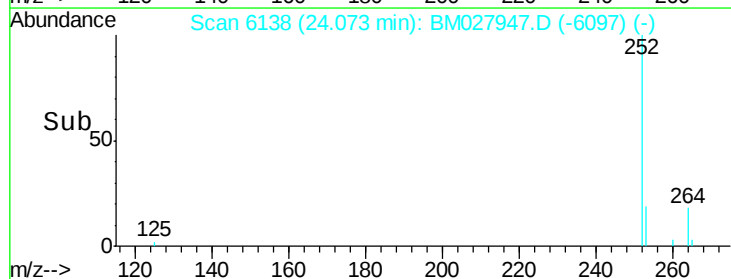
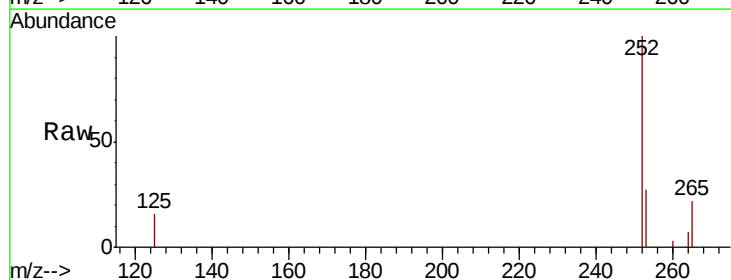
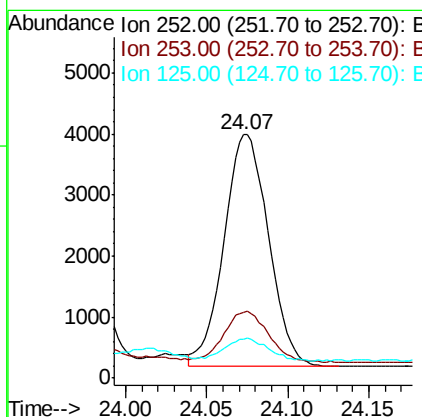
RT: 24.07 min Scan# 6138

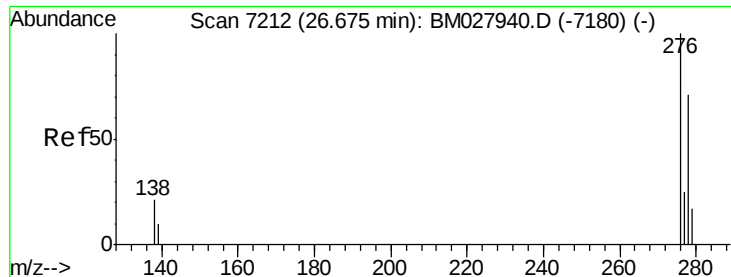
Delta R.T. 0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	25.2	37.8
125	15.8	13.8	20.6





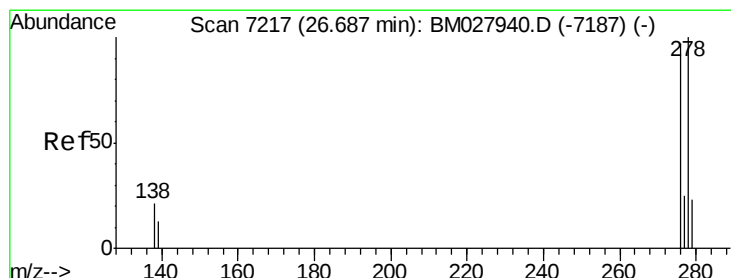
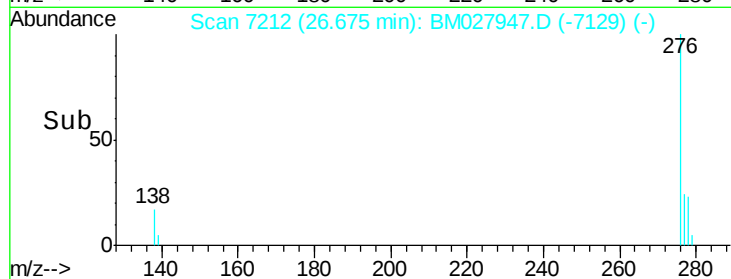
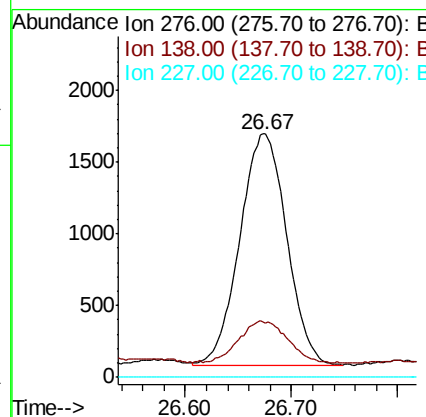
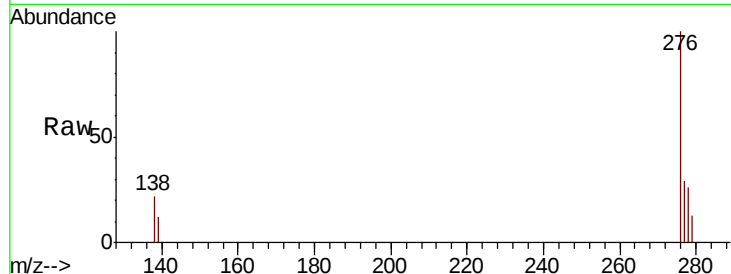
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.687 ng/ul
RT: 26.67 min Scan# 7212
Delta R.T. 0.00 min
Lab File: BM027947.D
Acq: 24 Nov 2020 17:44

Instrument :
BNA_M
ClientSampleId :
C0B14

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	15.7	23.5
227	0.0	0.0	0.0

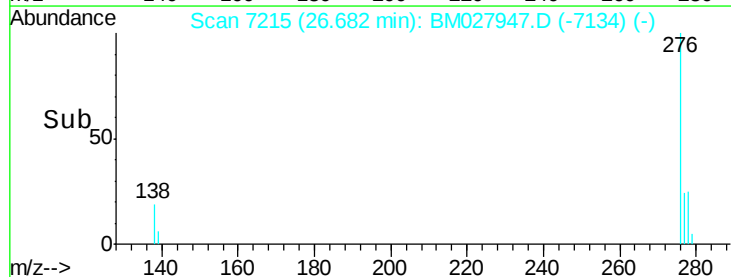
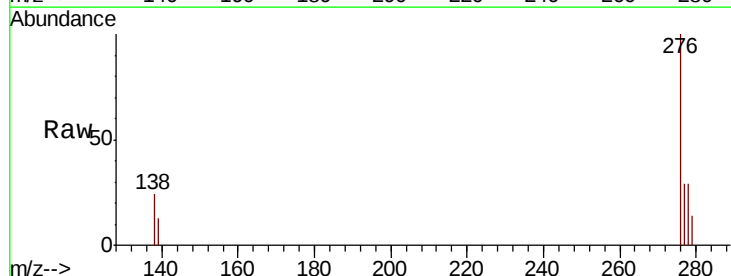
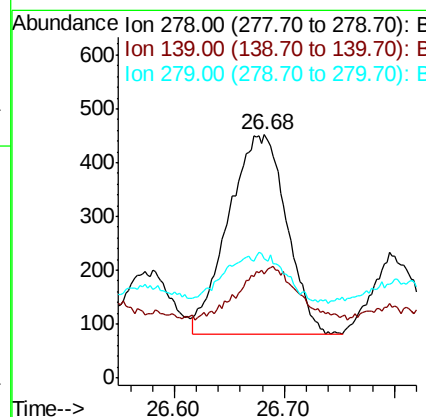
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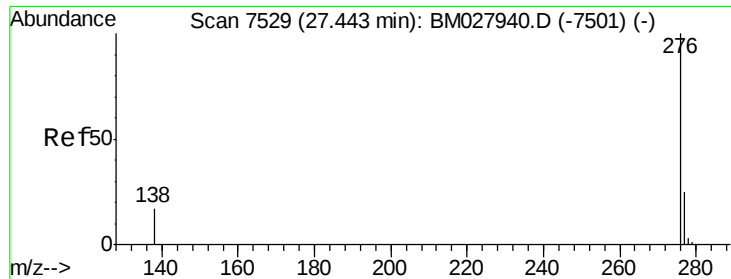
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#25
Dibenzo(a,h)anthracene
Concen: 0.231 ng/ul
RT: 26.68 min Scan# 7215
Delta R.T. -0.00 min
Lab File: BM027947.D
Acq: 24 Nov 2020 17:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	42.9	14.8	22.2#
279	49.1	25.8	38.6#





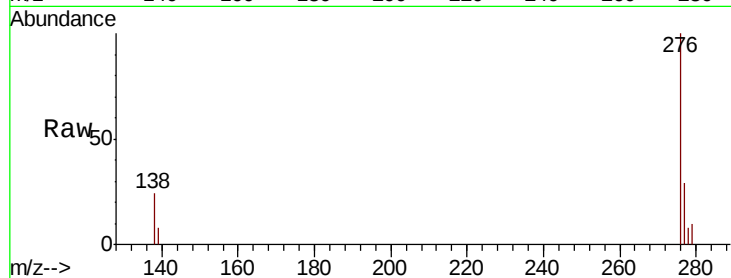
#26
 Benzo(a,h,i)perylene
 Concen: 0.728 ng/ul
 RT: 27.45 min Scan# 7530
 Delta R.T. 0.00 min
 Lab File: BM027947.D
 Acq: 24 Nov 2020 17:44

Instrument :
 BNA_M
 ClientSampleId :
 C0B14

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.6	17.4	26.2
277	28.9	22.5	33.7

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:46:17 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

