

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
 Data File : BM027963.D
 Acq On : 25 Nov 2020 14:46
 Operator : JU/CG
 Sample : L4751-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B90

Manual Integrations
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Quant Time: Nov 25 15:26:08 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 : Wed Nov 25 10:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	753	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	3056	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1839	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	3464m	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2133	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2356	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	941	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1620	0.18	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.21	128	3253	0.355	ng/ul	99
5) 2-Methylnaphthalene	12.79	142	1489	0.239	ng/ul	99
7) Acenaphthylene	14.66	152	12076	1.346	ng/ul	97
8) Acenaphthene	15.00	153	10498	1.561	ng/ul	100
9) Fluorene	15.97	166	13094	1.679	ng/ul	100
12) Phenanthrene	17.70	178	448750	41.010	ng/ul	97
13) Anthracene	17.79	178	54111	5.127	ng/ul	98
15) Fluoranthene	19.68	202	916399	75.530	ng/ul	99
17) Pyrene	20.04	202	734964	67.846	ng/ul	98
18) Benzo(a)anthracene	21.74	228	312768	36.343	ng/ul	100
19) Chrysene	21.80	228	368332	43.940	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	398593m	40.256	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	162045m	16.712	ng/ul	
23) Benzo(a)pyrene	24.07	252	261265	30.179	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.68	276	173597	18.521	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.68	278	47928m	6.141	ng/ul	
26) Benzo(a,h,i)perylene	27.45	276	149821	19.051	ng/ul	93

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

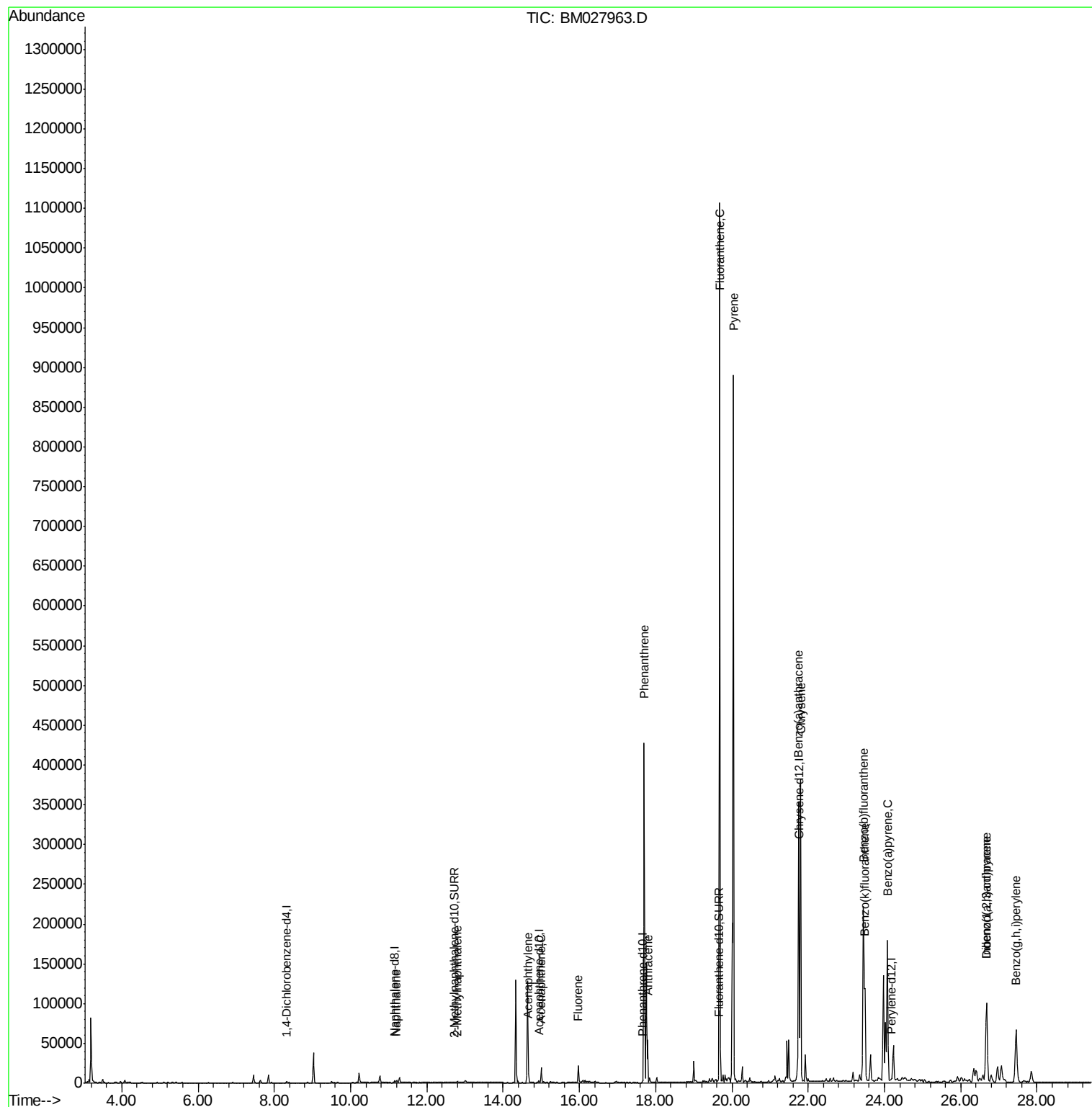
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027963.D
Acq On : 25 Nov 2020 14:46
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Misc :
ALS Vial : 10 Sample Multiplier: 1

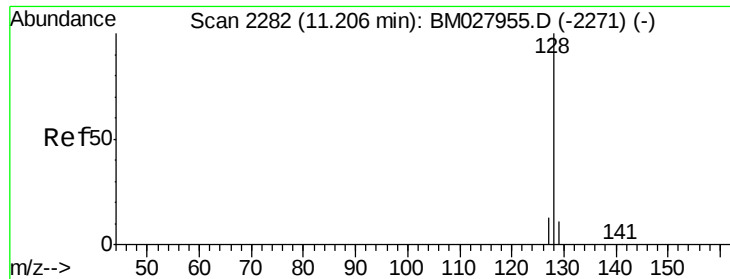
Instrument :
BNA_M
ClientSampleId :
C0B90

Quant Time: Nov 25 15:26:08 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 : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.355 ng/ul

RT: 11.21 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BM027963.D

Acq: 25 Nov 2020 14:46

Instrument :

BNA_M

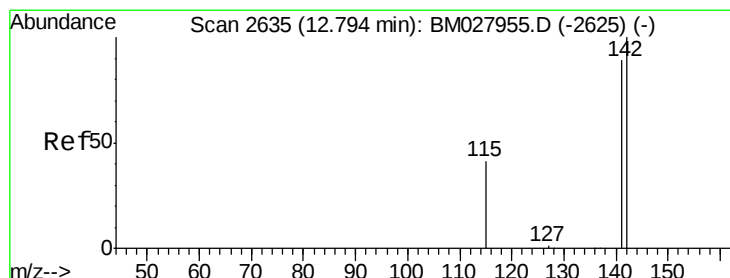
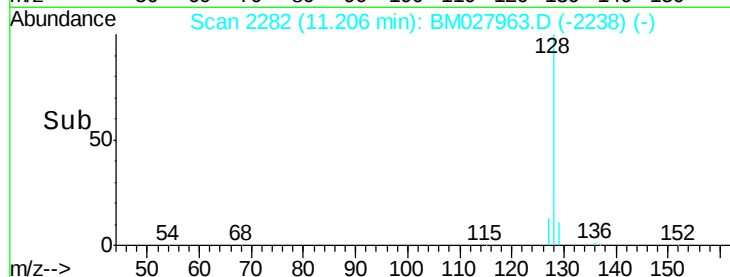
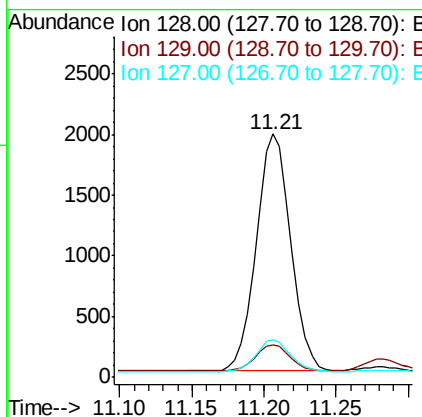
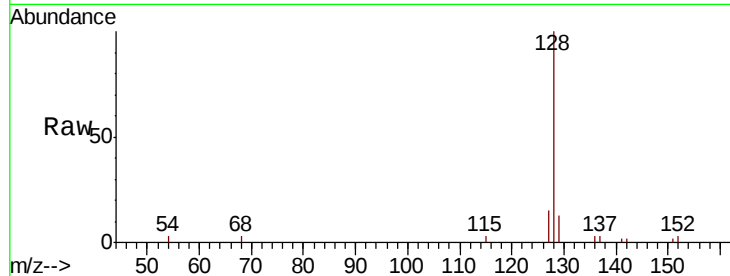
ClientSampleId :

C0B90

Tot Ion:128	Resp:	3253
Ion Ratio	Lower	Upper
128 100		
129 13.3	10.4	15.6
127 15.3	12.0	18.0

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#5

2-Methylnaphthalene

Concen: 0.239 ng/ul

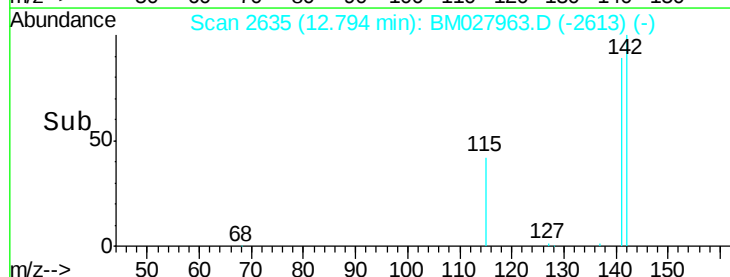
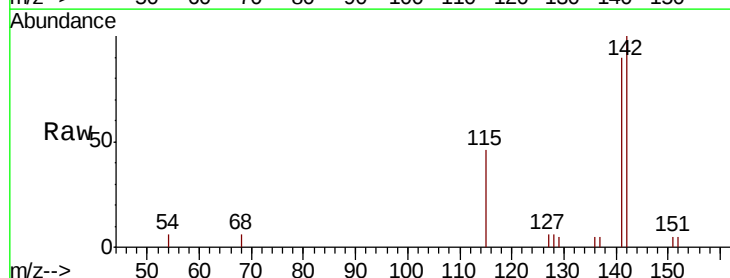
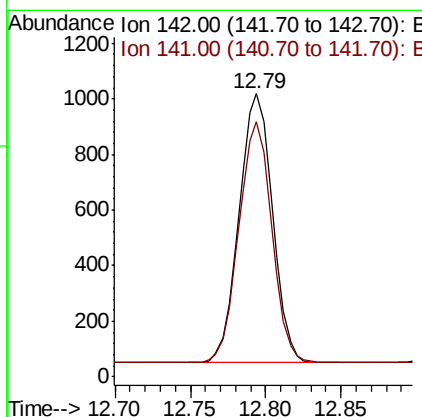
RT: 12.79 min Scan# 2635

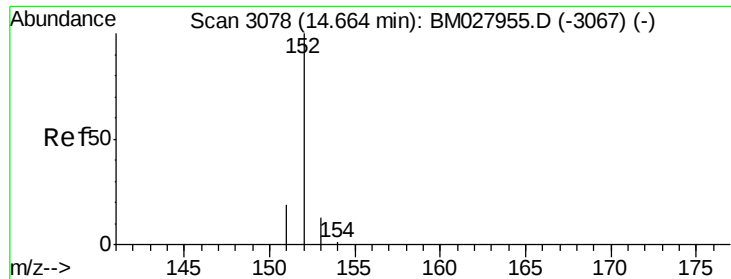
Delta R.T. -0.00 min

Lab File: BM027963.D

Acq: 25 Nov 2020 14:46

Tgt Ion:142	Resp:	1489
Ion Ratio	Lower	Upper
142 100		
141 88.4	71.6	107.4





#7

Acenaphthylene

Concen: 1.346 ng/ul

RT: 14.66 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BM027963.D

Acq: 25 Nov 2020 14:46

Instrument :

BNA_M

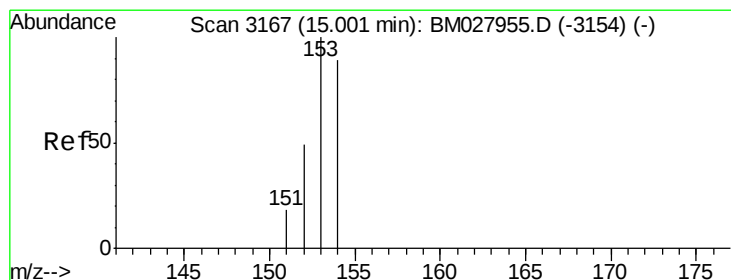
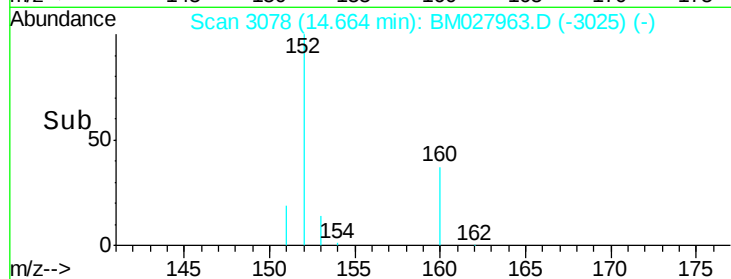
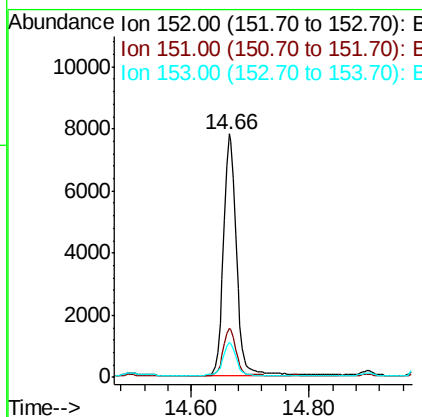
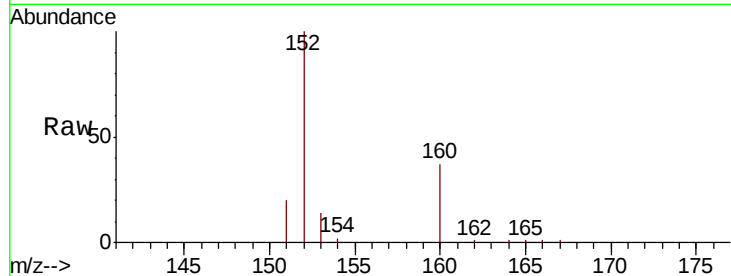
ClientSampleId :

C0B90

Tot Ion:	152	Resp:	12076
Ion Ratio	Lower	Upper	
152	100		
151	19.9	17.1	25.7
153	14.1	12.0	18.0

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#8

Acenaphthene

Concen: 1.561 ng/ul

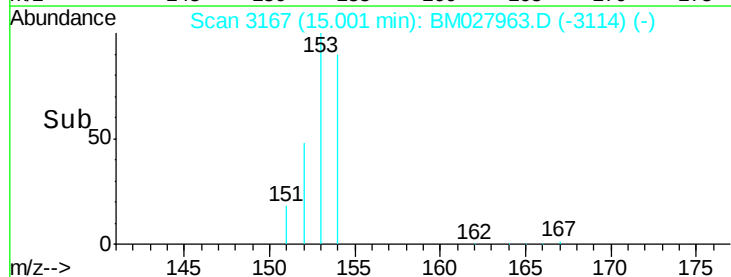
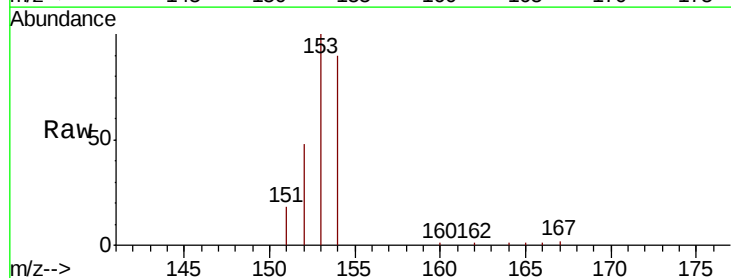
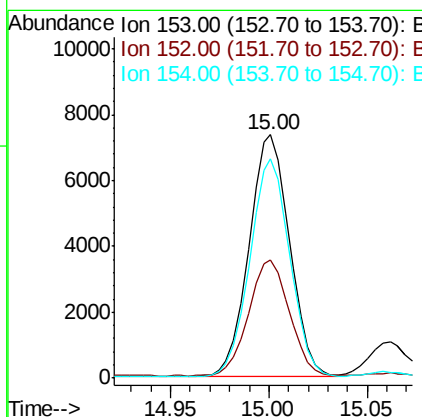
RT: 15.00 min Scan# 3167

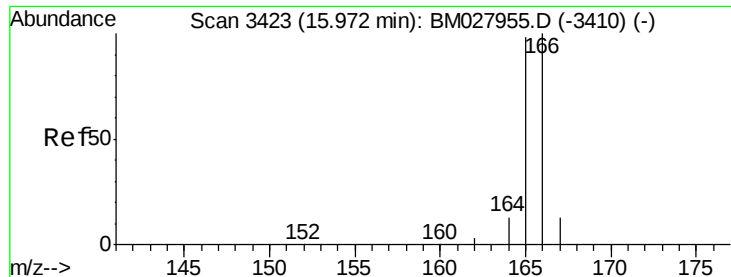
Delta R.T. -0.00 min

Lab File: BM027963.D

Acq: 25 Nov 2020 14:46

Tgt Ion:	153	Resp:	10498
Ion Ratio	Lower	Upper	
153	100		
152	48.5	39.0	58.6
154	89.9	71.6	107.4





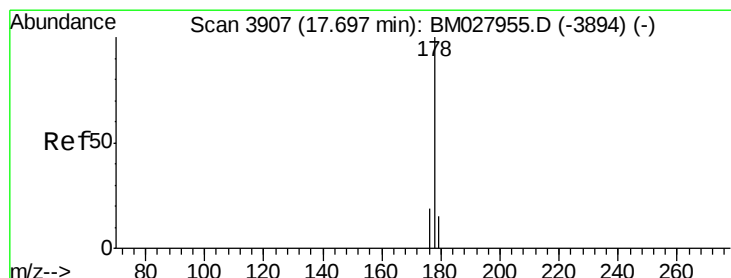
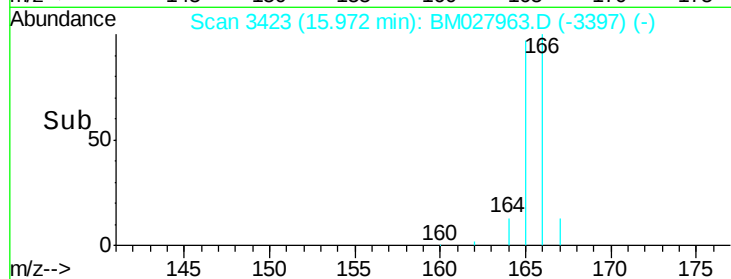
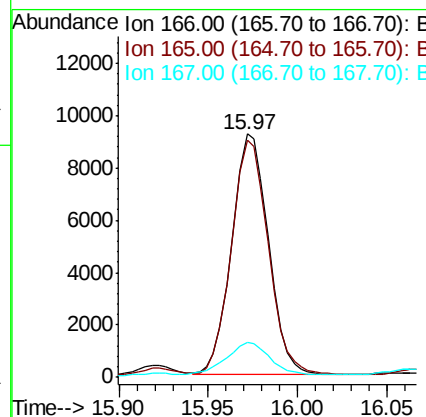
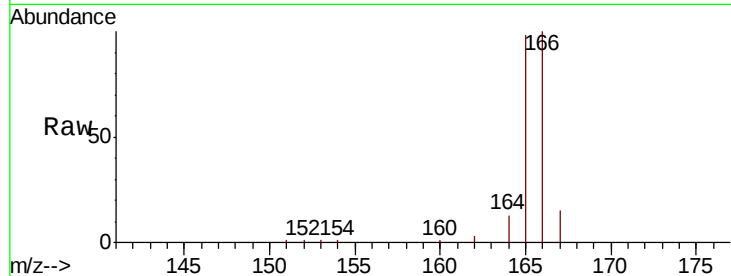
#9
Fluorene
 Concen: 1.679 ng/ul
 RT: 15.97 min Scan# 3423
 Delta R.T. -0.00 min
 Lab File: BM027963.D
 Acq: 25 Nov 2020 14:46

Instrument :
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 ClientSampleId :
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Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	97.5	78.1	117.1	
167	14.6	11.8	17.8	

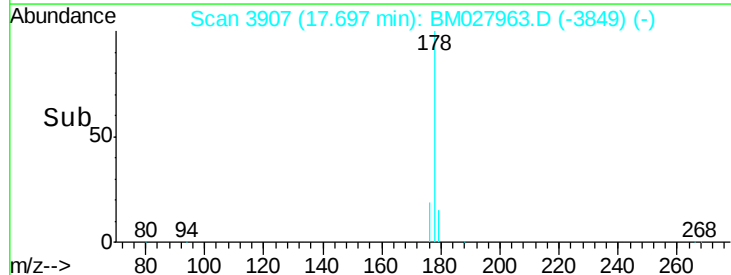
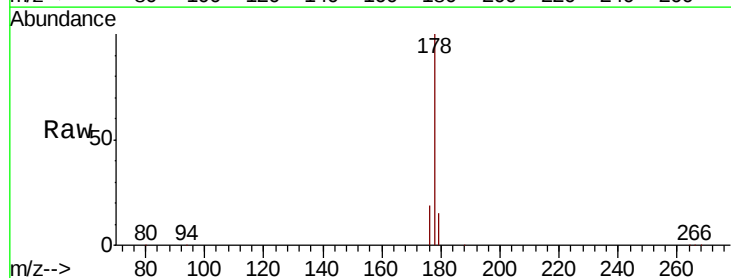
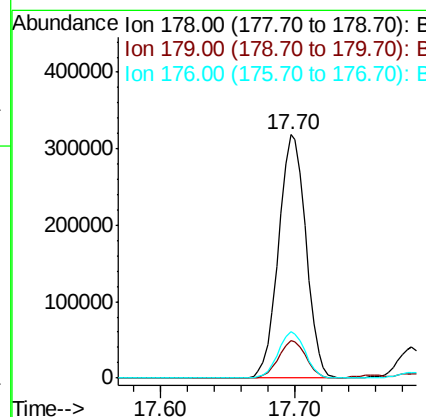
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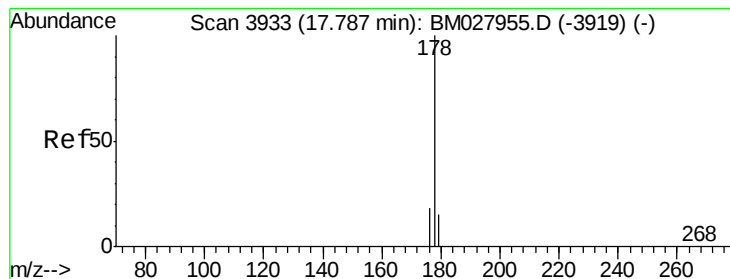
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#12
Phenanthrene
 Concen: 41.010 ng/ul
 RT: 17.70 min Scan# 3907
 Delta R.T. -0.00 min
 Lab File: BM027963.D
 Acq: 25 Nov 2020 14:46

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
179	15.3	13.6	20.4	
176	18.9	16.1	24.1	





#13

Anthracene

Concen: 5.127 ng/ul

RT: 17.79 min Scan# 3933

Delta R.T. -0.00 min

Lab File: BM027963.D

Acq: 25 Nov 2020 14:46

Instrument :

BNA_M

ClientSampleId :

C0B90

Tot Ion:178 Resp: 54111

Ion Ratio Lower Upper

178 100

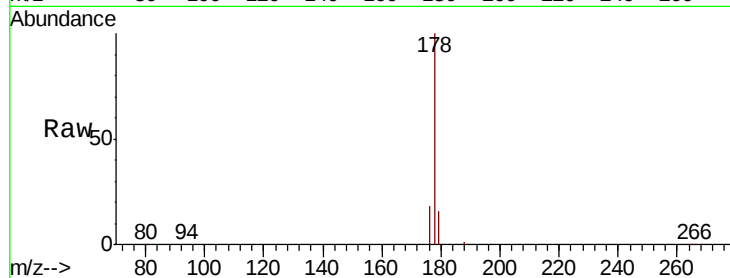
179 15.5 13.4 20.2

176 18.1 15.0 22.6

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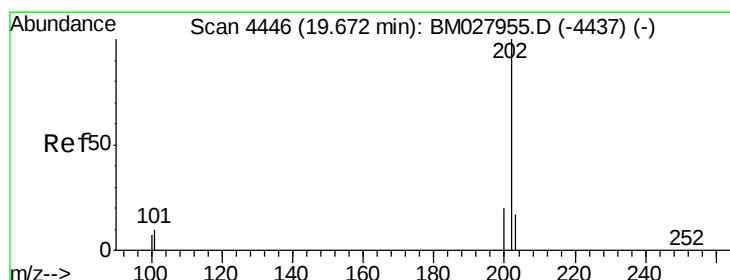
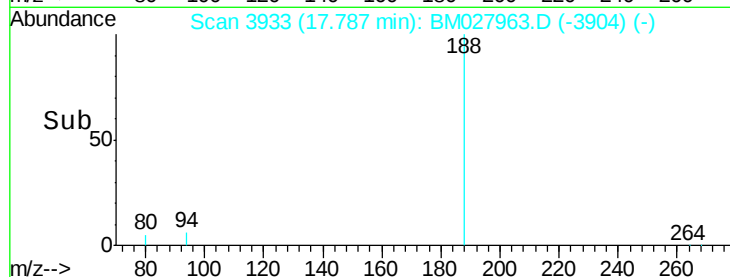
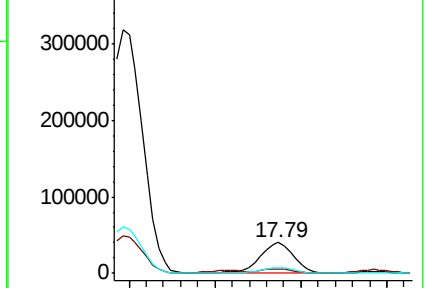
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 75.530 ng/ul

RT: 19.68 min Scan# 4448

Delta R.T. 0.01 min

Lab File: BM027963.D

Acq: 25 Nov 2020 14:46

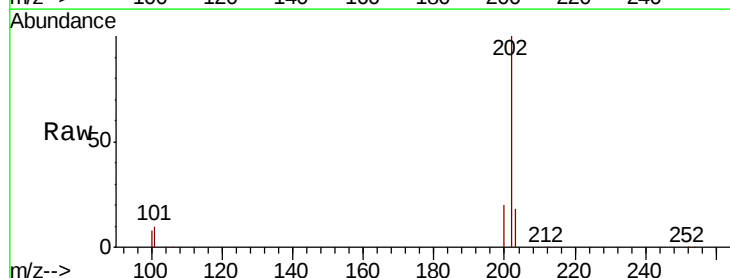
Tgt Ion:202 Resp: 916399

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.3

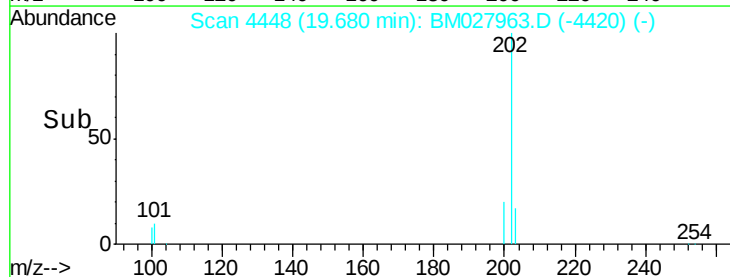
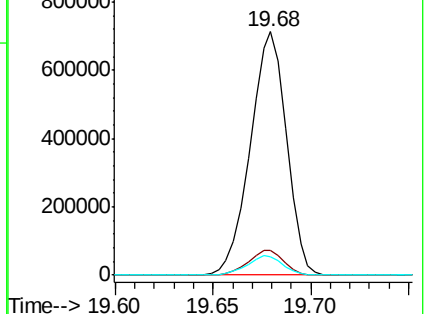
100 7.7 0.0 27.4

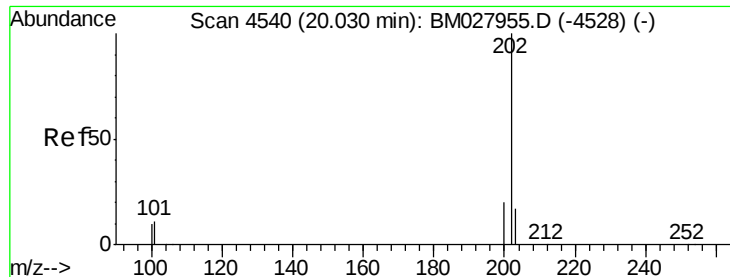


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 67.846 ng/ul

RT: 20.04 min Scan# 4542

Delta R.T. 0.01 min

Lab File: BM027963.D

Acq: 25 Nov 2020 14:46

Instrument :

BNA_M

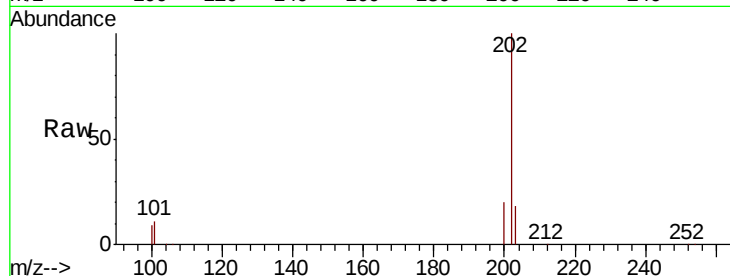
ClientSampleId :

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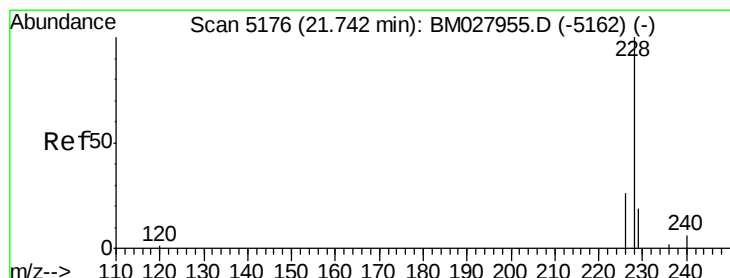
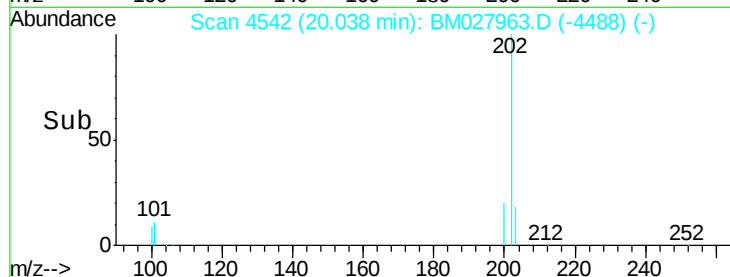
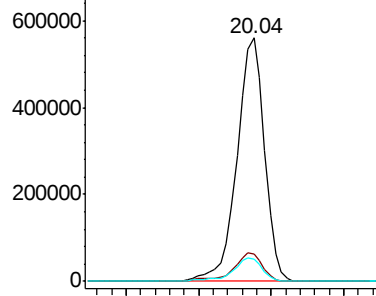
Tot Ion:	202	Resp:	734964
Ion Ratio	Lower	Upper	
202	100		
101	11.2	8.2	12.2
100	9.2	6.9	10.3

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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: 36.343 ng/ul

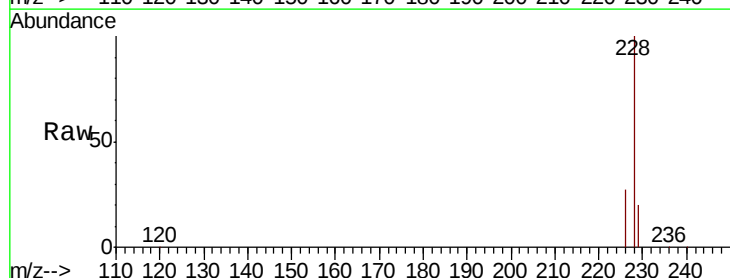
RT: 21.74 min Scan# 5177

Delta R.T. 0.00 min

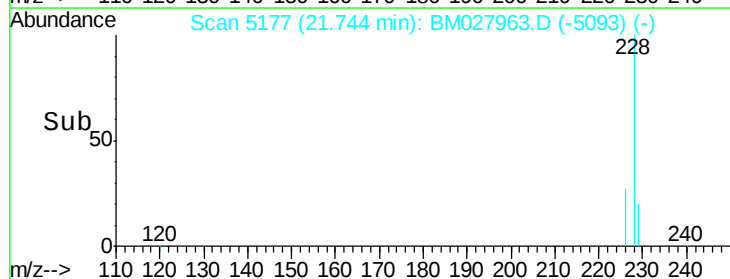
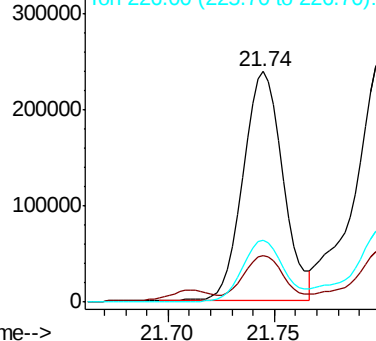
Lab File: BM027963.D

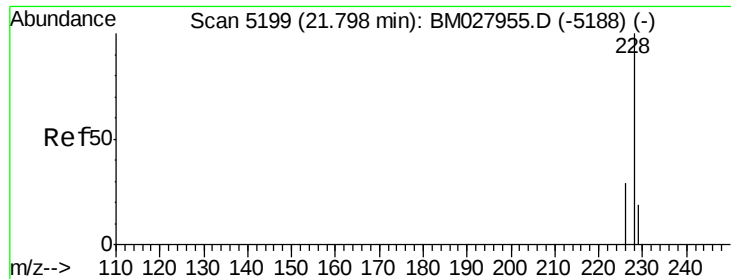
Acq: 25 Nov 2020 14:46

Tgt Ion:	228	Resp:	312768
Ion Ratio	Lower	Upper	
228	100		
229	20.3	16.2	24.4
226	26.9	21.5	32.3



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





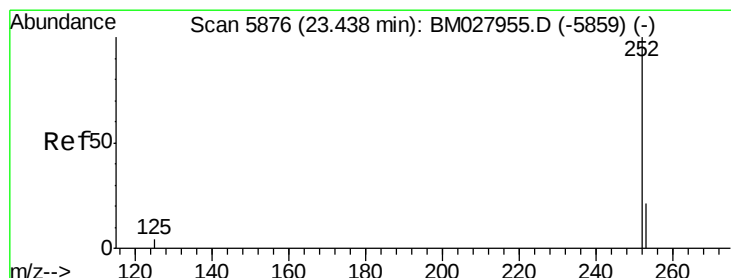
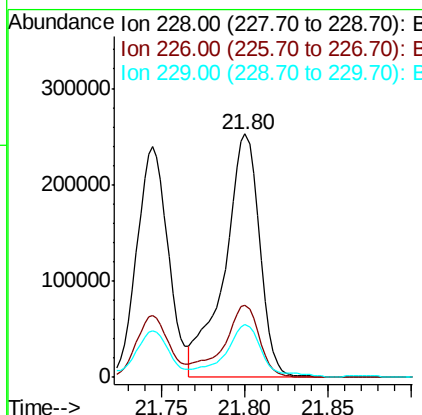
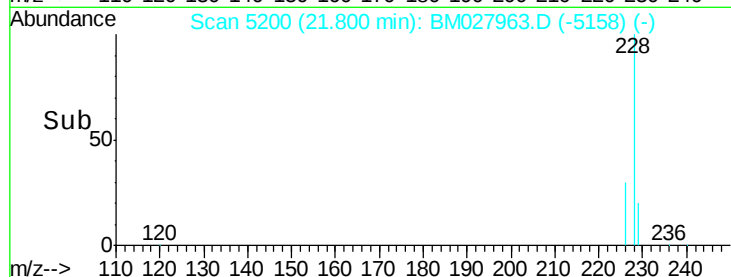
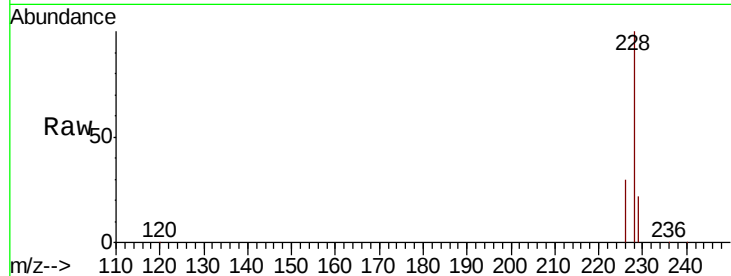
#19
Chrysene
Concen: 43.940 ng/ul
RT: 21.80 min Scan# 5200
Delta R.T. 0.00 min
Lab File: BM027963.D
Acq: 25 Nov 2020 14:46

Instrument :
BNA_M
ClientSampleId :
C0B90

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	21.7	16.6	24.8

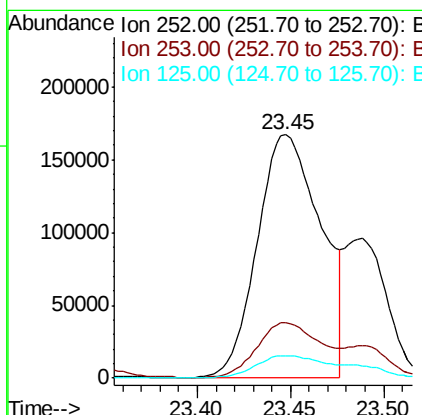
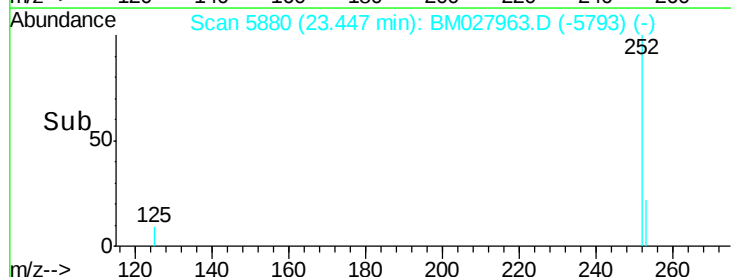
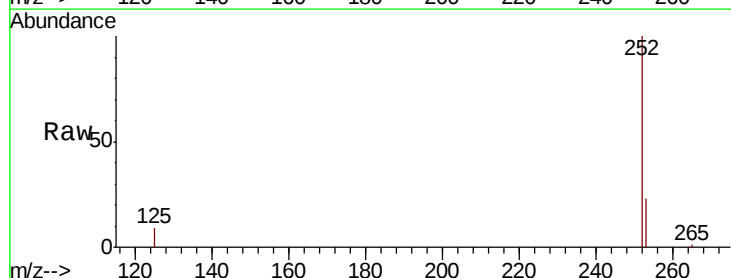
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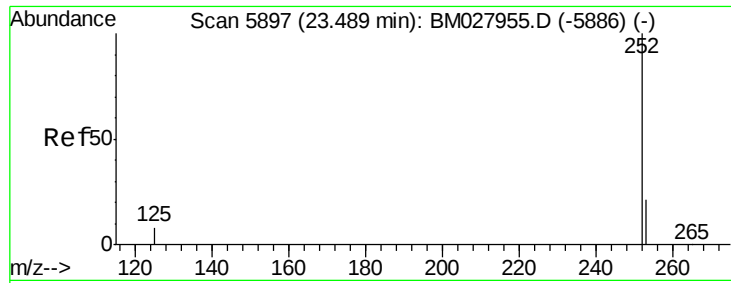
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#21
Benzo(b)fluoranthene
Concen: 40.256 ng/ul m
RT: 23.45 min Scan# 5880
Delta R.T. 0.01 min
Lab File: BM027963.D
Acq: 25 Nov 2020 14:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	59.6
125	9.3	0.0	28.4





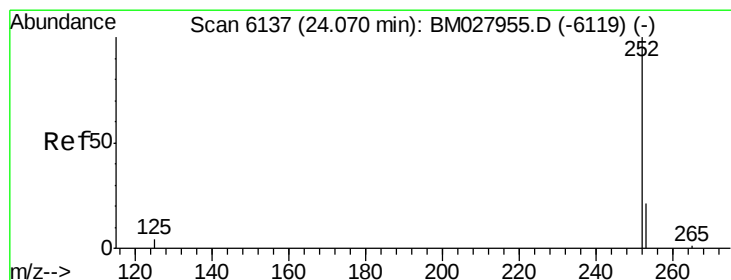
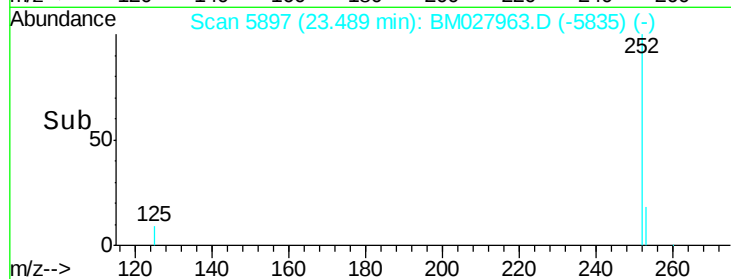
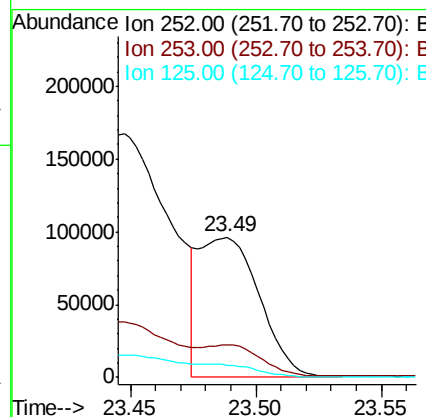
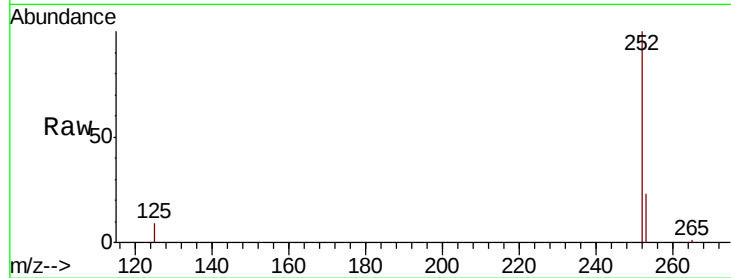
#22
Benzo(k)fluoranthene
Concen: 16.712 ng/ul m
RT: 23.49 min Scan# 5897
Delta R.T. -0.00 min
Lab File: BM027963.D
Acq: 25 Nov 2020 14:46

Instrument :
BNA_M
ClientSampled :
C0B90

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	23.2	34.8
125	8.9	11.8	17.6

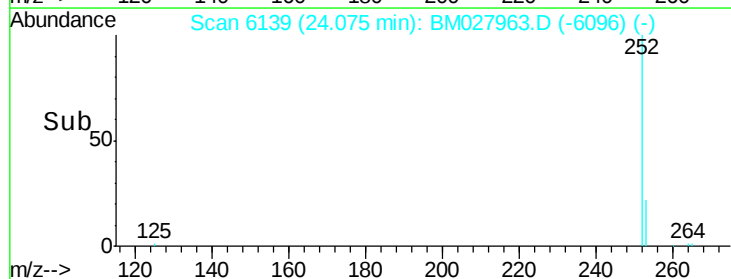
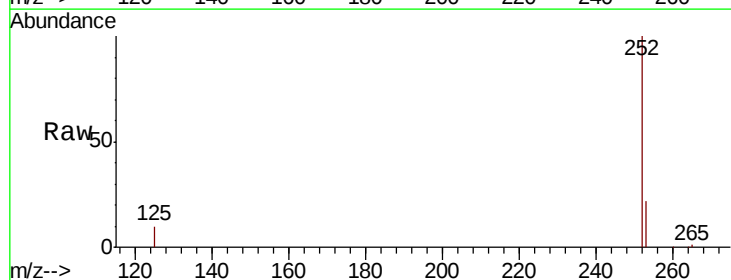
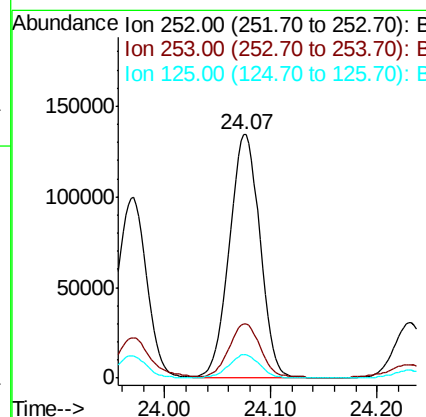
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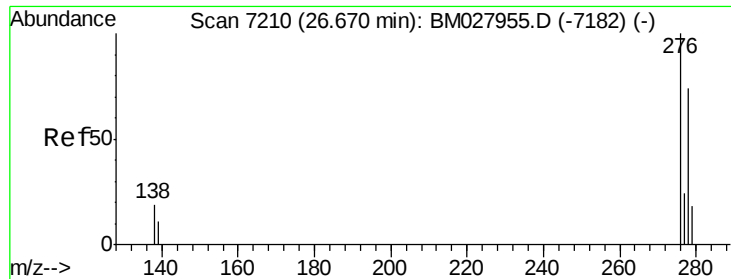
mohammad
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#23
Benzo(a)pyrene
Concen: 30.179 ng/ul
RT: 24.07 min Scan# 6139
Delta R.T. 0.00 min
Lab File: BM027963.D
Acq: 25 Nov 2020 14:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	25.2	37.8
125	9.6	13.8	20.6





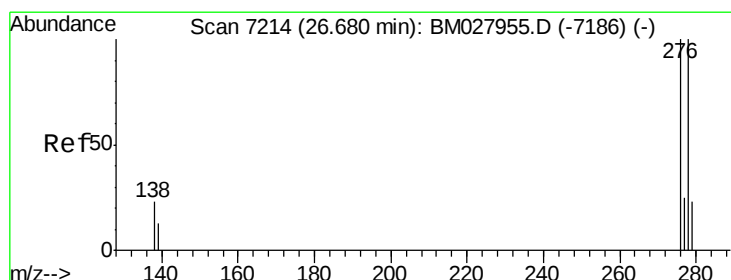
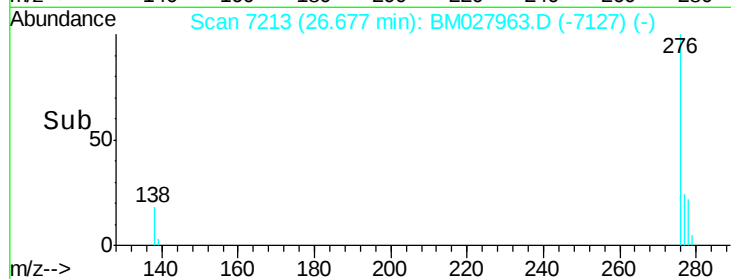
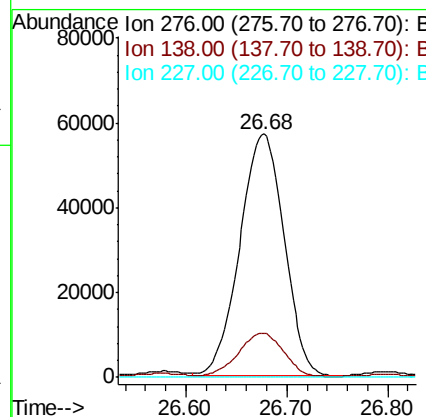
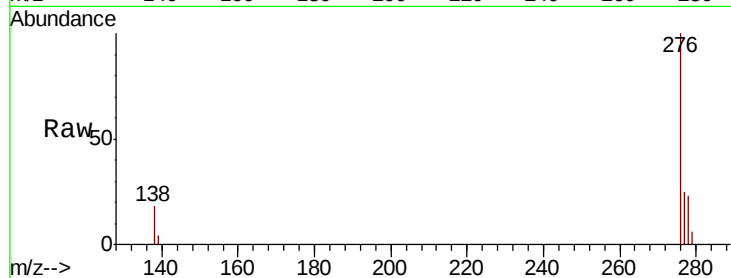
#24
Indeno(1,2,3-cd)pyrene
Concen: 18.521 ng/ul
RT: 26.68 min Scan# 7213
Delta R.T. 0.01 min
Lab File: BM027963.D
Acq: 25 Nov 2020 14:46

Instrument :
BNA_M
ClientSampleId :
C0B90

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.7	23.5
227	0.0	0.0	0.0

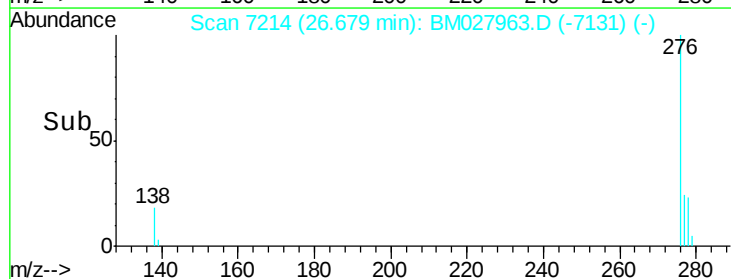
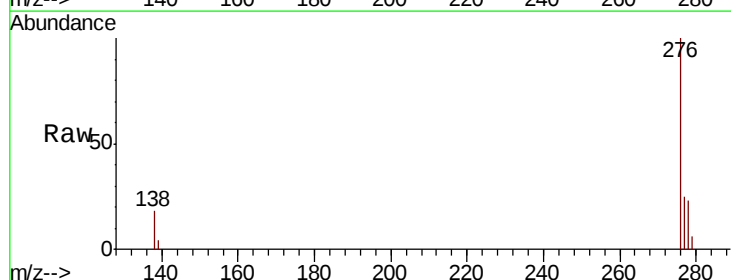
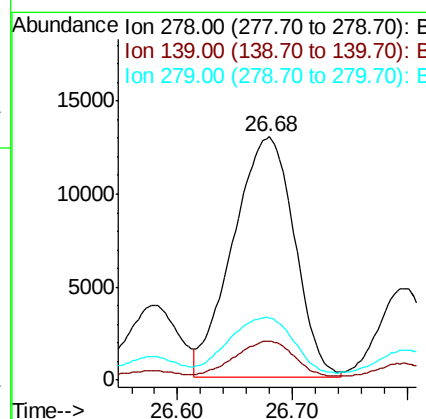
Manual Integrations
APPROVED

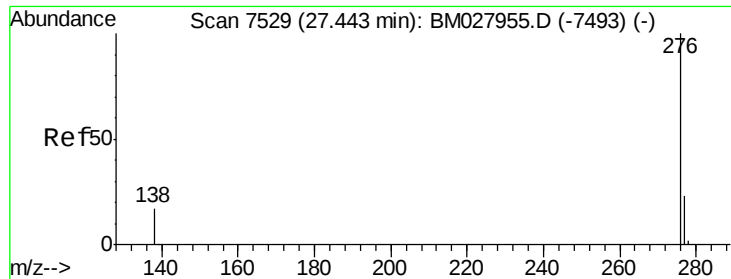
mohammad
11/27/2020 11:43:27 AM



#25
Dibenzo(a,h)anthracene
Concen: 6.141 ng/ul m
RT: 26.68 min Scan# 7214
Delta R.T. -0.00 min
Lab File: BM027963.D
Acq: 25 Nov 2020 14:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	14.8	22.2
279	25.6	25.8	38.6#





#26
 Benzo(a,h,i)perylene
 Concen: 19.051 ng/ul
 RT: 27.45 min Scan# 7532
 Delta R.T. 0.01 min
 Lab File: BM027963.D
 Acq: 25 Nov 2020 14:46

Instrument :
 BNA_M
 ClientSampleId :
 C0B90

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.5	17.4	26.2
277	24.3	22.5	33.7

Manual Integrations
 APPROVED

mohammad
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