

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027935.D
 Acq On : 24 Nov 2020 10:29
 Operator : JU/CG
 Sample : L4749-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B37

Manual Integrations
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Quant Time: Nov 24 12:12:17 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 : Mon Nov 23 11:35:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	997	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	3976	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2286	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3964	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2227	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	1944	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	1050	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1593	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.21	128	421	0.035	ng/ul#	69
5) 2-Methylnaphthalene	12.79	142	203	0.025	ng/ul	96
7) Acenaphthylene	14.67	152	534	0.048	ng/ul#	73
8) Acenaphthene	15.00	153	895	0.107	ng/ul	97
9) Fluorene	15.98	166	1107	0.114	ng/ul#	98
12) Phenanthrene	17.70	178	37632	3.005	ng/ul	97
13) Anthracene	17.79	178	6369	0.527	ng/ul	99
15) Fluoranthene	19.68	202	92232	6.643	ng/ul	99
17) Pyrene	20.03	202	73602	6.508	ng/ul	98
18) Benzo(a)anthracene	21.75	228	33000	3.673	ng/ul	100
19) Chrysene	21.80	228	35482	4.054	ng/ul	99
21) Benzo(b)fluoranthene	23.44	252	42707m	5.227	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	15844m	1.980	ng/ul	
23) Benzo(a)pyrene	24.07	252	27880	3.903	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.67	276	19719	2.550	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.68	278	4795	0.745	ng/ul#	96
26) Benzo(a,h,i)perylene	27.45	276	17668	2.723	ng/ul	94

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

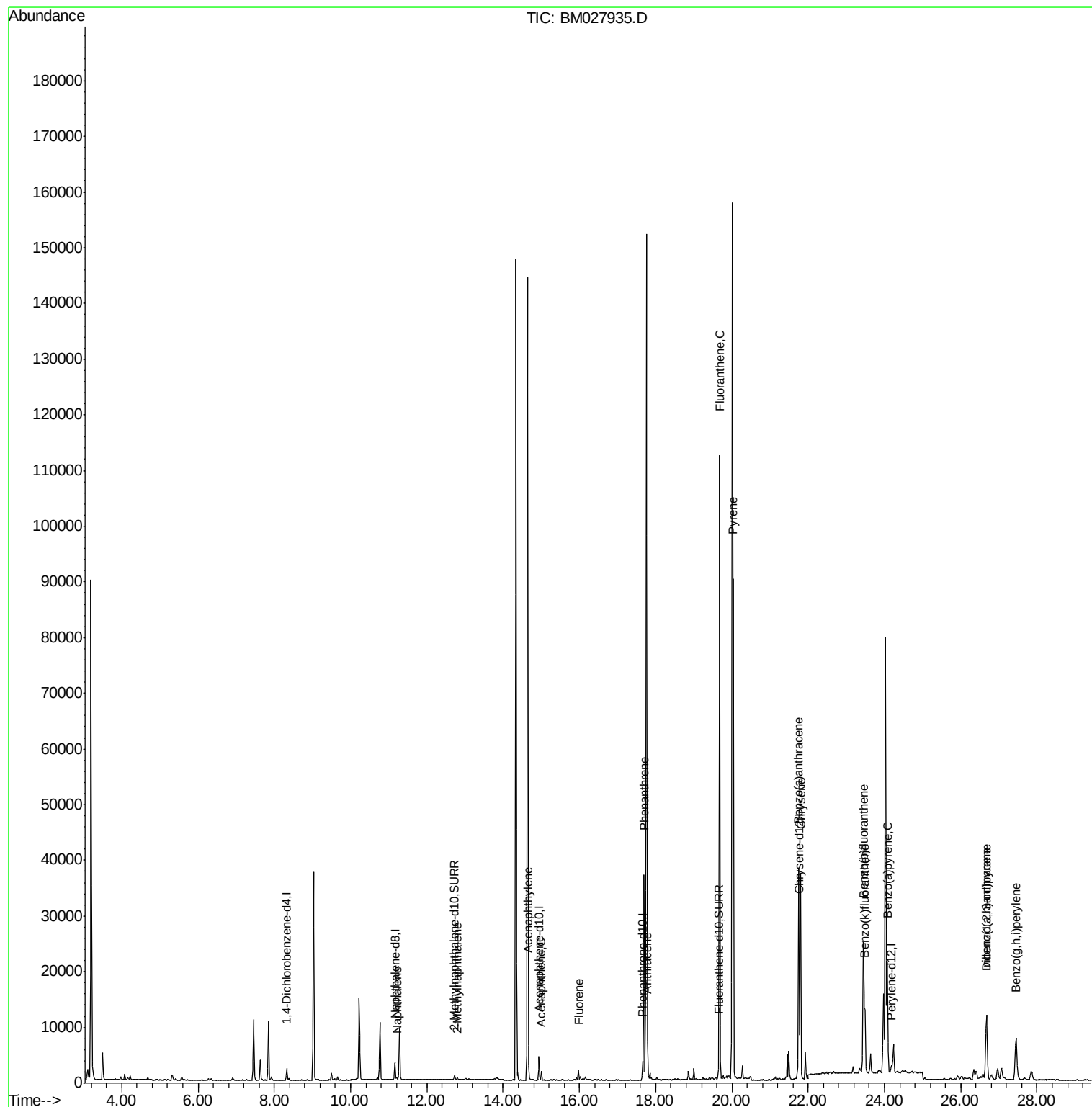
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027935.D
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ALS Vial : 30 Sample Multiplier: 1

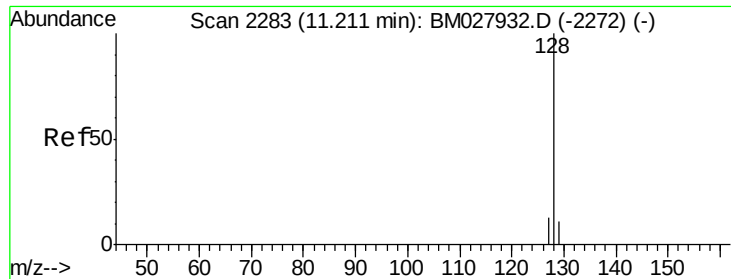
Instrument :
BNA_M
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Quant Time: Nov 24 12:12:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 11:35:49 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.035 ng/ul

RT: 11.21 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BM027935.D

Acq: 24 Nov 2020 10:29

Instrument :

BNA_M

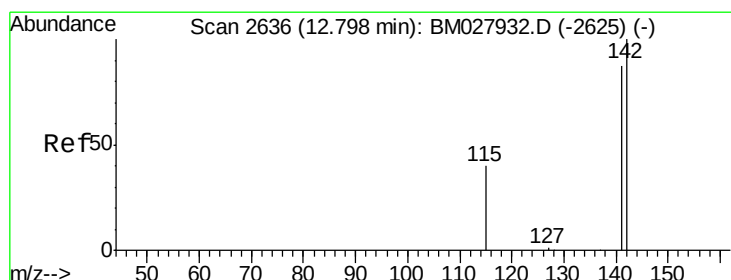
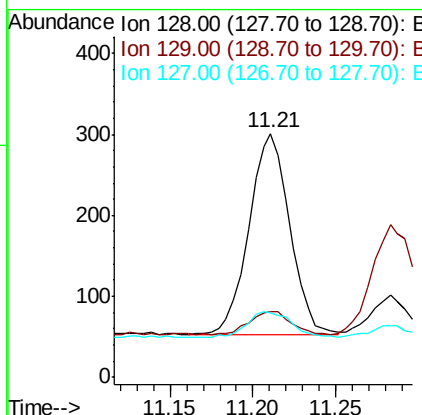
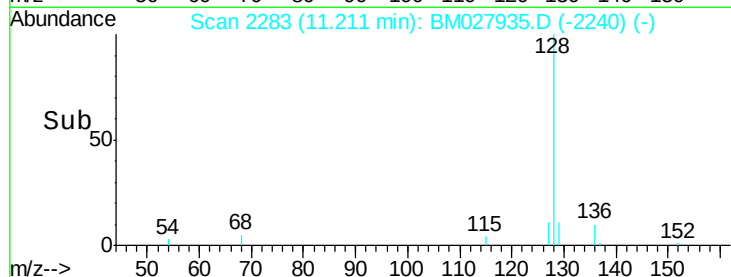
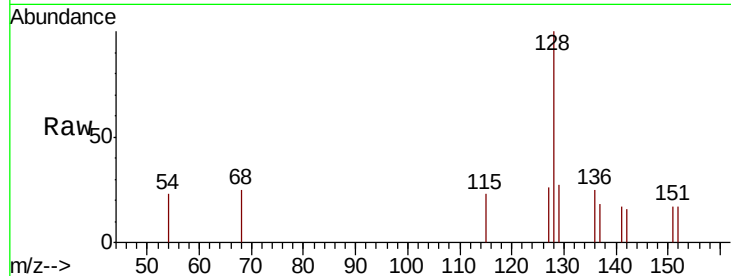
ClientSampleId :

C0B37

Tot Ion:	128	Resp:	421
Ion Ratio	Lower	Upper	
128	100		
129	26.9	10.4	15.6#
127	26.2	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.025 ng/ul

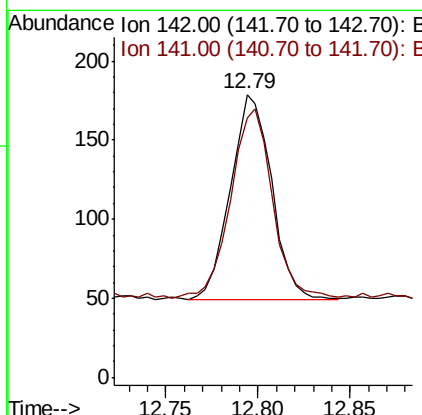
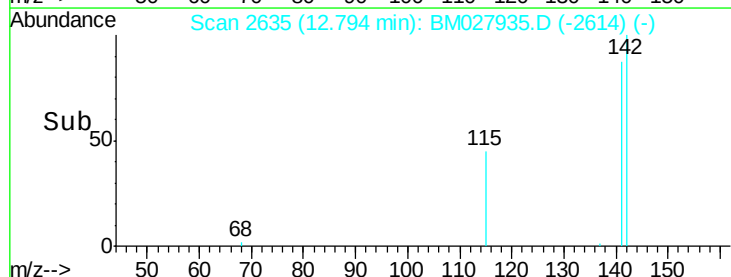
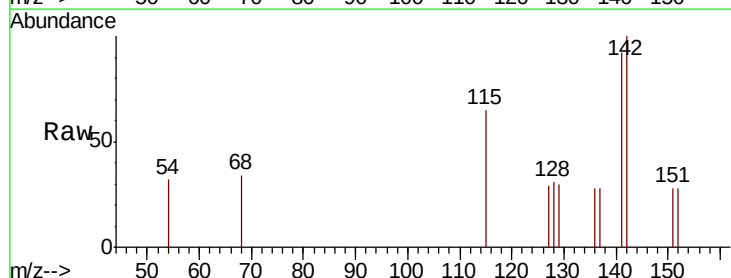
RT: 12.79 min Scan# 2635

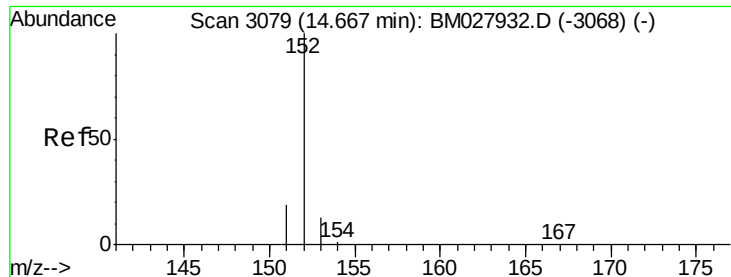
Delta R.T. -0.00 min

Lab File: BM027935.D

Acq: 24 Nov 2020 10:29

Tgt Ion:	142	Resp:	203
Ion Ratio	Lower	Upper	
142	100		
141	93.1	71.6	107.4





#7

Acenaphthylene

Concen: 0.048 ng/ul

RT: 14.67 min Scan# 3079

Delta R.T. -0.00 min

Lab File: BM027935.D

Acq: 24 Nov 2020 10:29

Instrument :

BNA_M

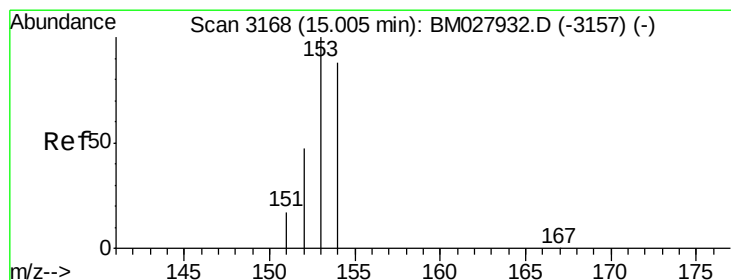
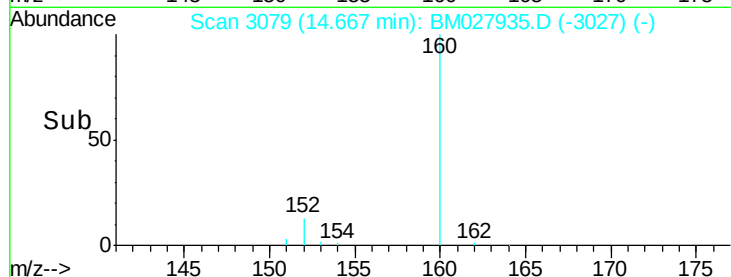
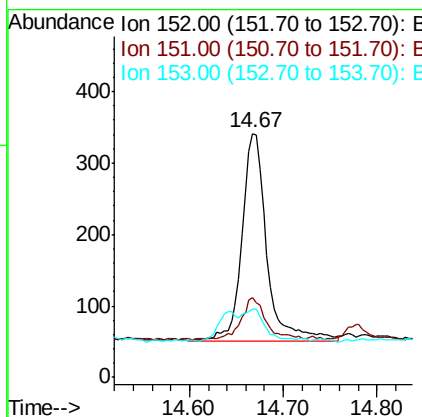
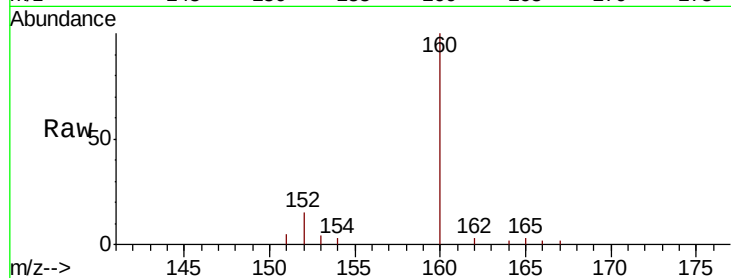
ClientSampleId :

C0B37

Tot Ion:	152	Resp:	534
Ion Ratio	Lower	Upper	
152	100		
151	32.6	17.1	25.7#
153	28.2	12.0	18.0#

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#8

Acenaphthene

Concen: 0.107 ng/ul

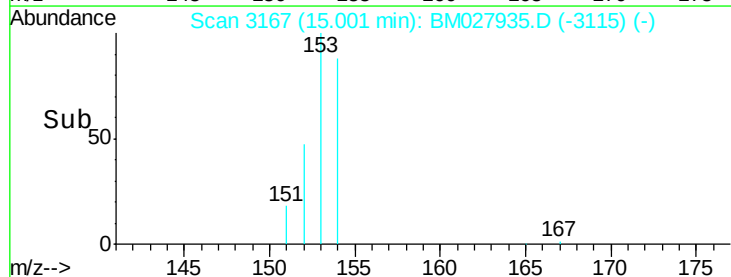
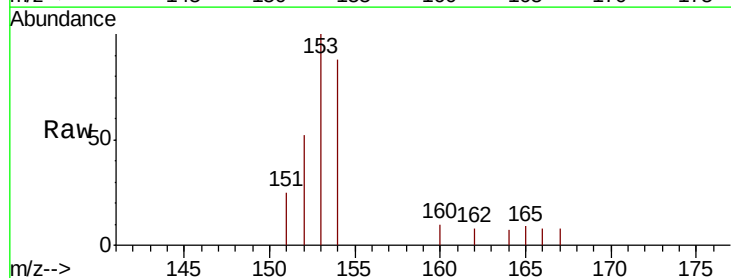
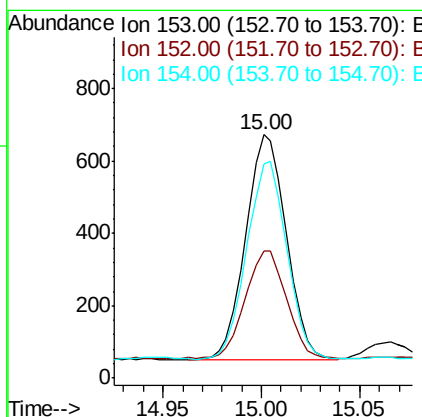
RT: 15.00 min Scan# 3167

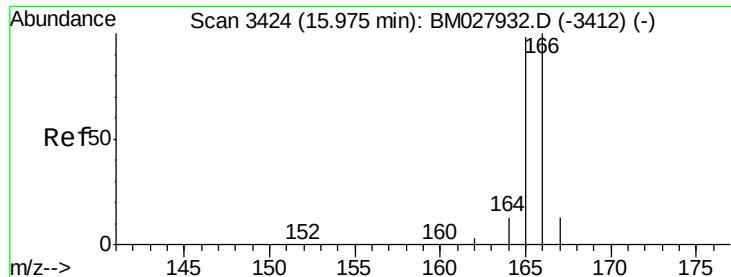
Delta R.T. -0.00 min

Lab File: BM027935.D

Acq: 24 Nov 2020 10:29

Tgt Ion:	153	Resp:	895
Ion Ratio	Lower	Upper	
153	100		
152	52.3	39.0	58.6
154	88.1	71.6	107.4





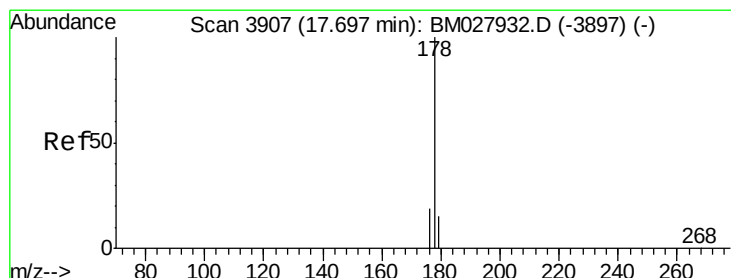
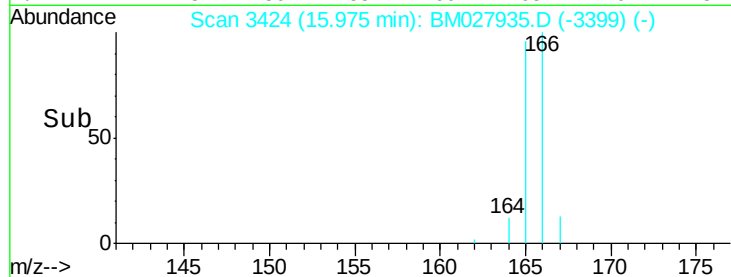
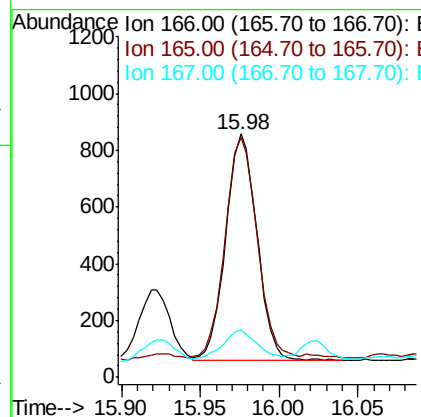
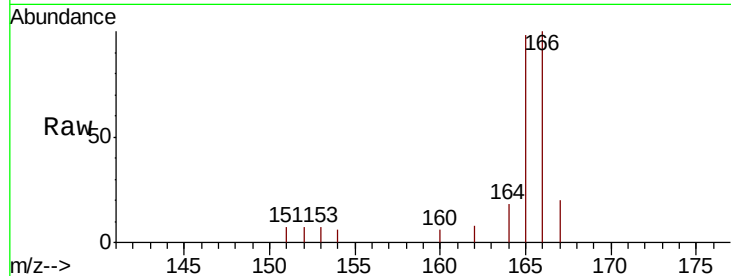
#9
Fluorene
 Concen: 0.114 ng/ul
 RT: 15.98 min Scan# 3424
 Delta R.T. -0.00 min
 Lab File: BM027935.D
 Acq: 24 Nov 2020 10:29

Instrument :
 BNA_M
 ClientSampleId :
 C0B37

Tot Ion:	166	Resp:	1107
Ion Ratio	Lower	Upper	
166	100		
165	98.4	78.1	117.1
167	19.7	11.8	17.8#

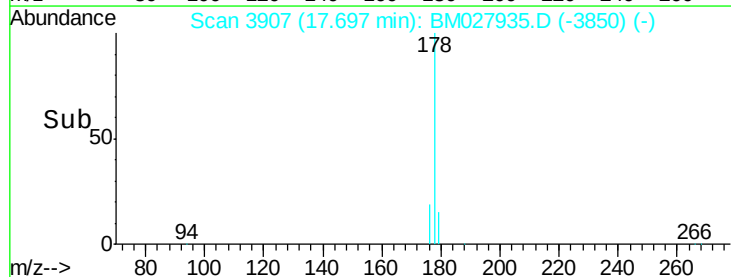
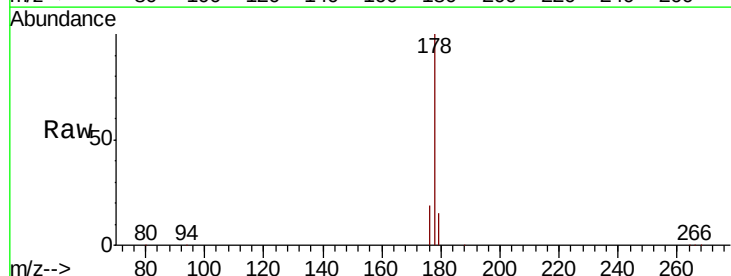
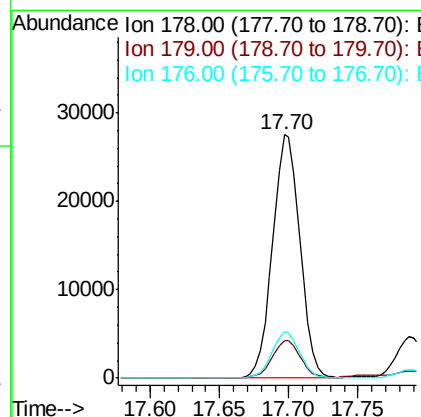
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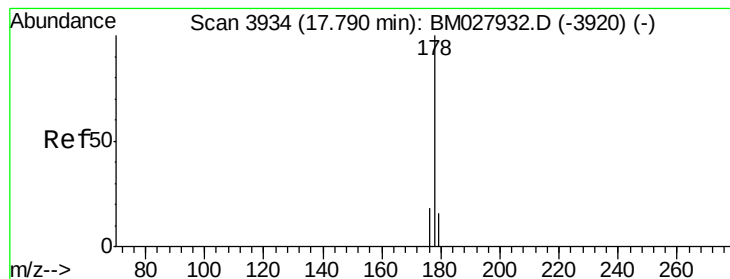
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#12
Phenanthrene
 Concen: 3.005 ng/ul
 RT: 17.70 min Scan# 3907
 Delta R.T. -0.00 min
 Lab File: BM027935.D
 Acq: 24 Nov 2020 10:29

Tgt Ion:	178	Resp:	37632
Ion Ratio	Lower	Upper	
178	100		
179	15.5	13.6	20.4
176	19.1	16.1	24.1





#13

Anthracene

Concen: 0.527 ng/ul

RT: 17.79 min Scan# 3933

Delta R.T. -0.00 min

Lab File: BM027935.D

Acq: 24 Nov 2020 10:29

Instrument :

BNA_M

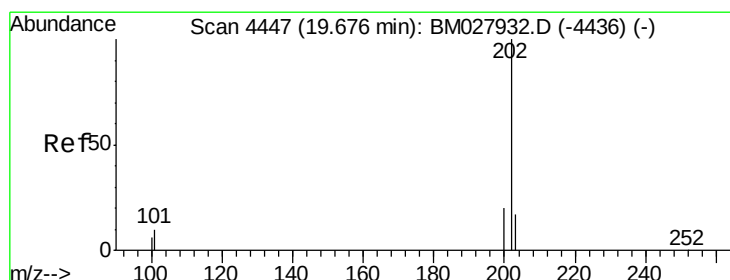
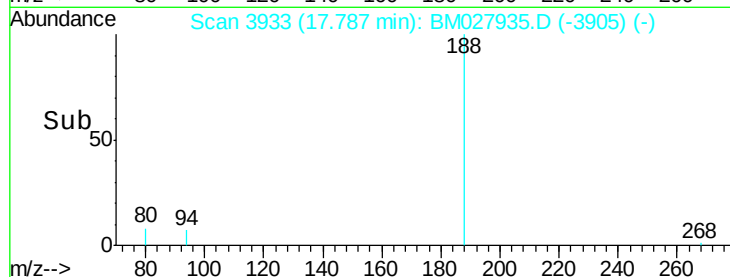
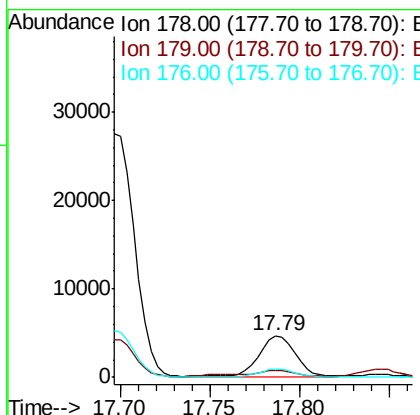
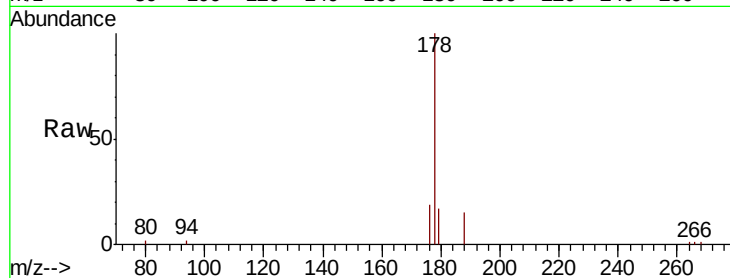
ClientSampleId :

C0B37

Tot Ion:	178	Resp:	6369
Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.4	20.2
176	19.5	15.0	22.6

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#15

Fluoranthene

Concen: 6.643 ng/ul

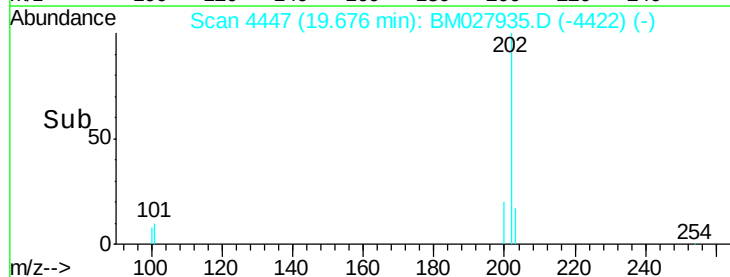
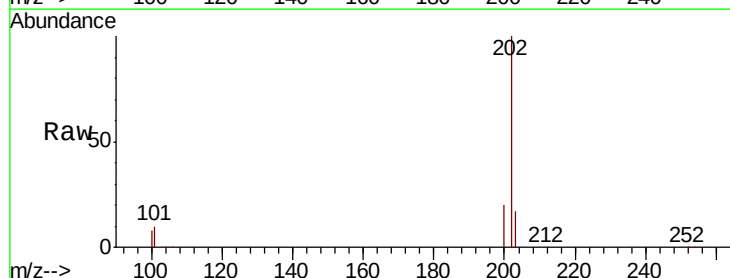
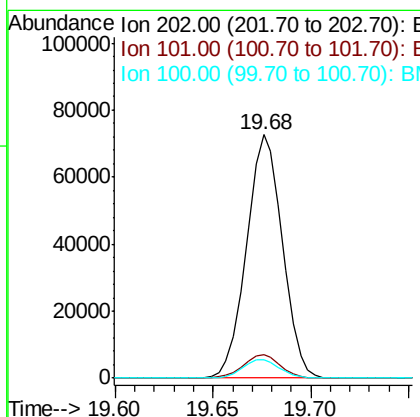
RT: 19.68 min Scan# 4447

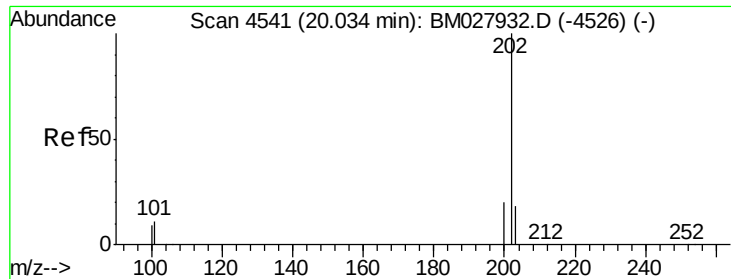
Delta R.T. -0.00 min

Lab File: BM027935.D

Acq: 24 Nov 2020 10:29

Tgt Ion:	202	Resp:	92232
Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.3
100	7.6	0.0	27.4





#17

Pvrene

Concen: 6.508 ng/ul

RT: 20.03 min Scan# 4541

Delta R.T. -0.00 min

Lab File: BM027935.D

Acq: 24 Nov 2020 10:29

Instrument :

BNA_M

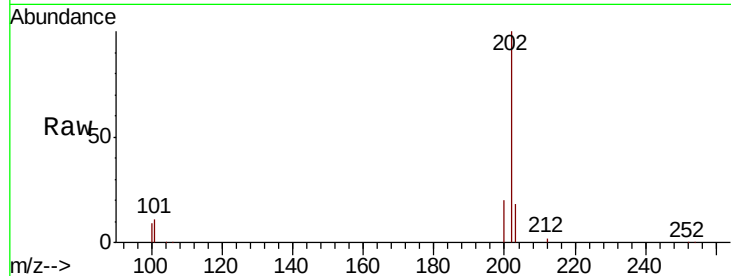
ClientSampleId :

C0B37

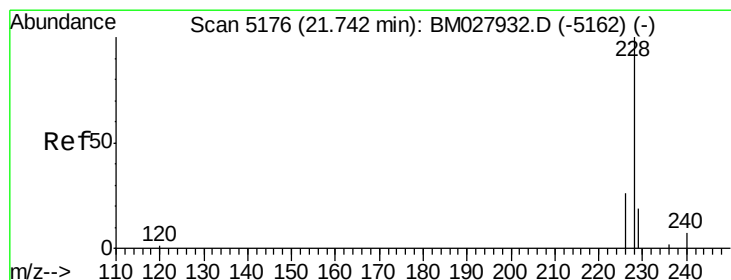
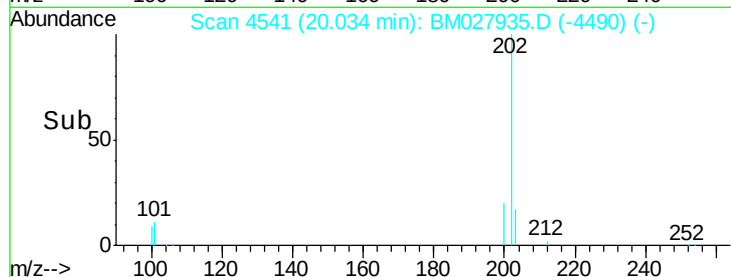
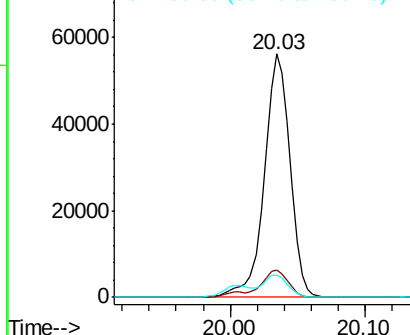
Tot Ion:	202	Resp:	73602
Ion Ratio	Lower	Upper	
202	100		
101	11.1	8.2	12.2
100	9.3	6.9	10.3

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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: 3.673 ng/ul

RT: 21.75 min Scan# 5178

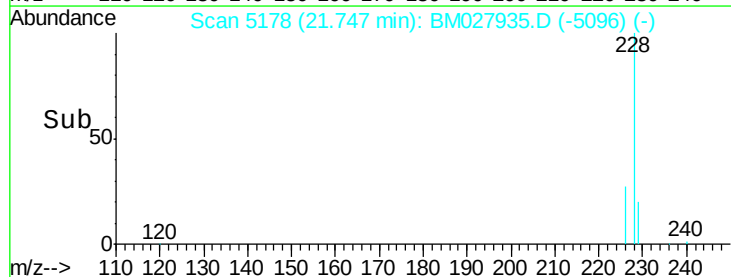
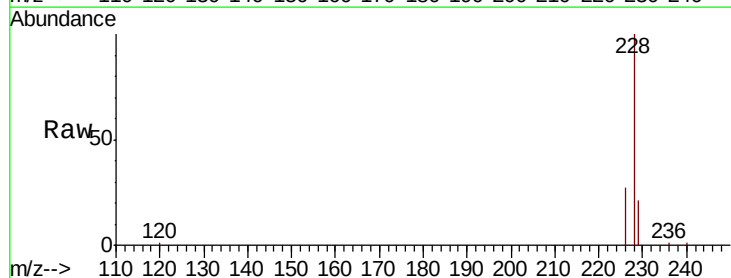
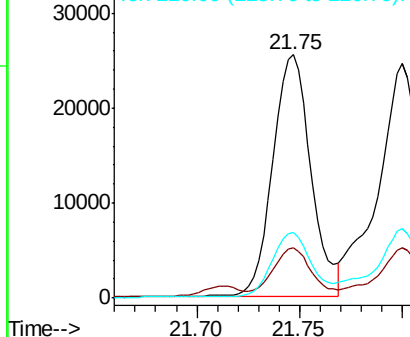
Delta R.T. -0.00 min

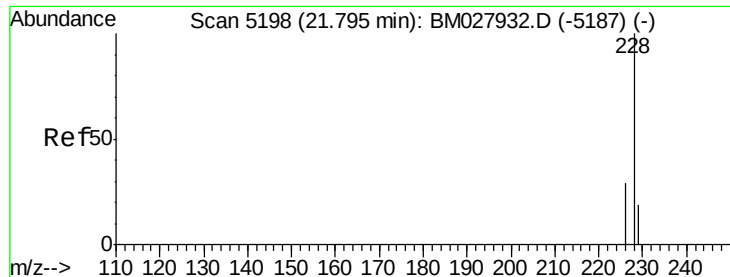
Lab File: BM027935.D

Acq: 24 Nov 2020 10:29

Tgt Ion:	228	Resp:	33000
Ion Ratio	Lower	Upper	
228	100		
229	20.5	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: 4.054 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. -0.00 min

Lab File: BM027935.D

Acq: 24 Nov 2020 10:29

Instrument :

BNA_M

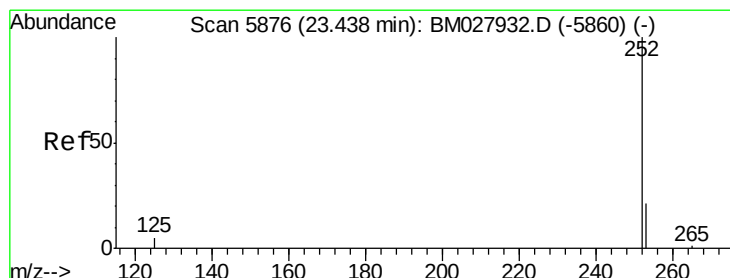
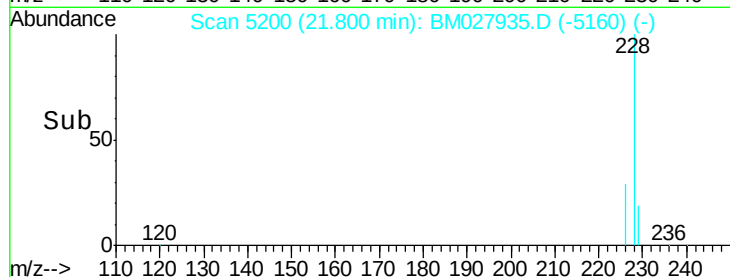
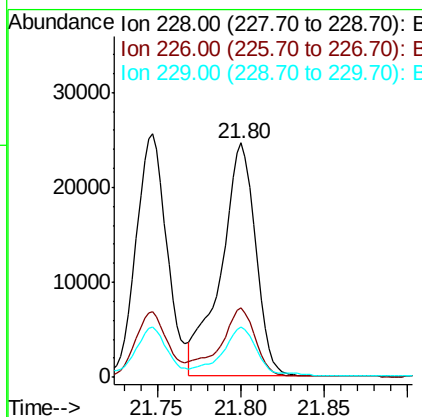
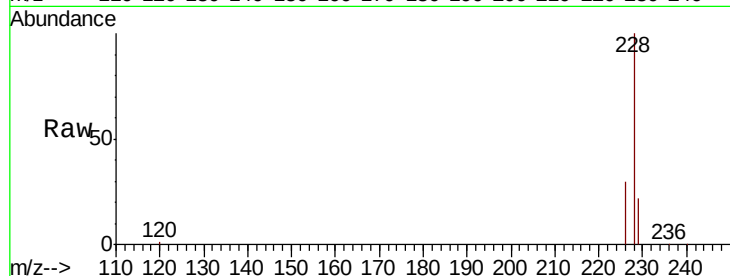
ClientSampleId :

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Tot Ion:	228	Resp:	35482
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.1	36.1
229	21.7	16.6	24.8

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#21

Benzo(b)fluoranthene

Concen: 5.227 ng/ul m

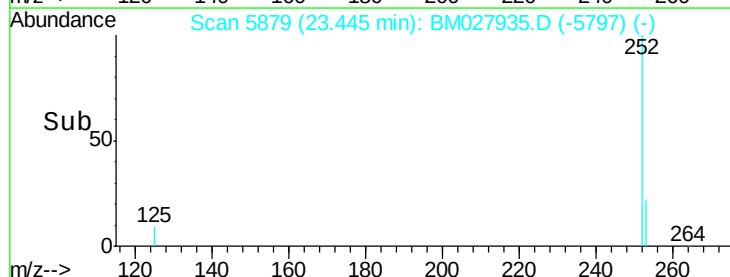
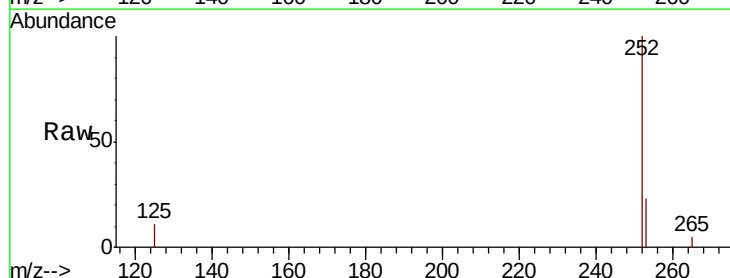
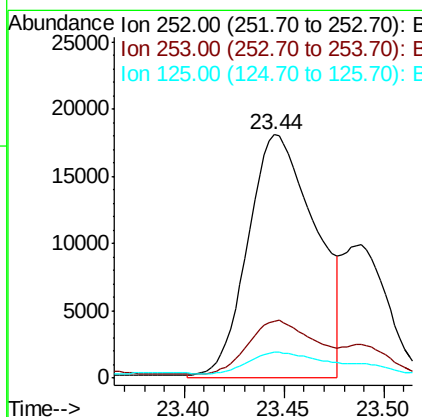
RT: 23.44 min Scan# 5879

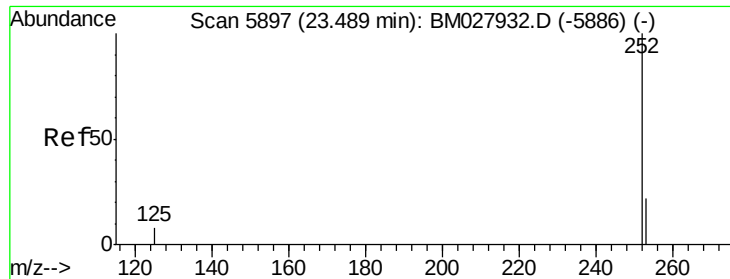
Delta R.T. -0.00 min

Lab File: BM027935.D

Acq: 24 Nov 2020 10:29

Tgt Ion:	252	Resp:	42707
Ion Ratio	Lower	Upper	
252	100		
253	23.4	0.0	59.6
125	10.7	0.0	28.4





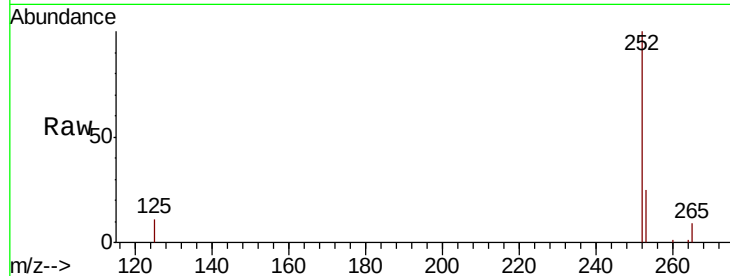
#22
Benzo(k)fluoranthene
Concen: 1.980 ng/ul m
RT: 23.49 min Scan# 5897
Delta R.T. -0.00 min
Lab File: BM027935.D
Acq: 24 Nov 2020 10:29

Instrument :
BNA_M
ClientSampleId :
C0B37

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	23.2	34.8
125	11.0	11.8	17.6

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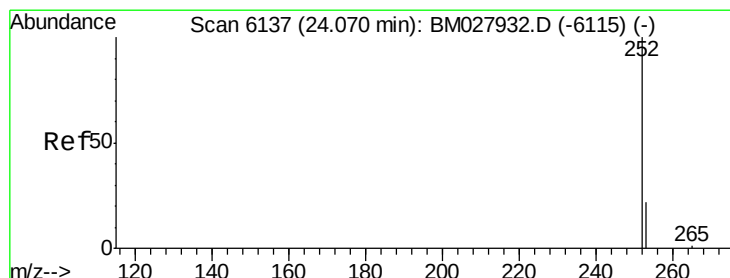
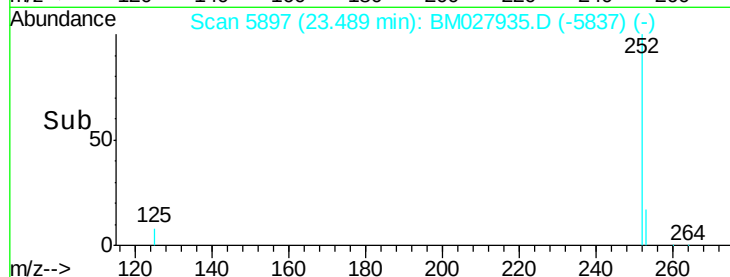
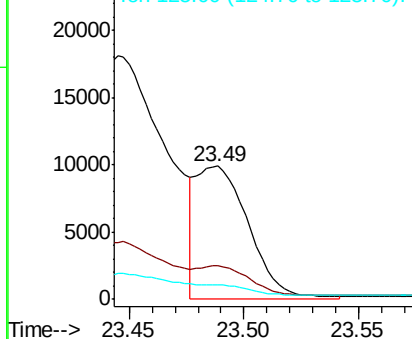


Abundance

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



#23
Benzo(a)pyrene
Concen: 3.903 ng/ul
RT: 24.07 min Scan# 6139
Delta R.T. -0.00 min
Lab File: BM027935.D
Acq: 24 Nov 2020 10:29

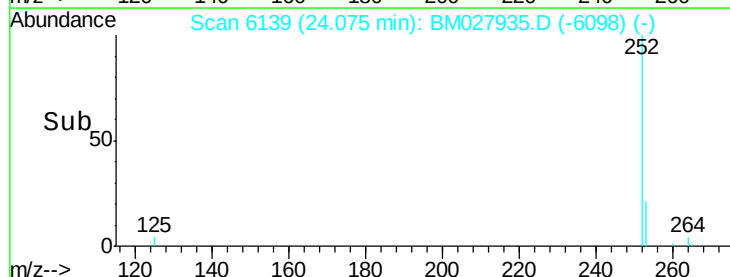
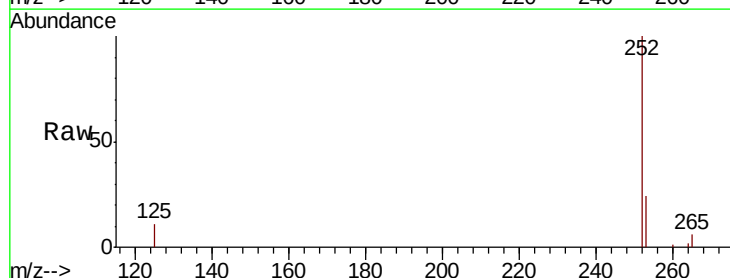
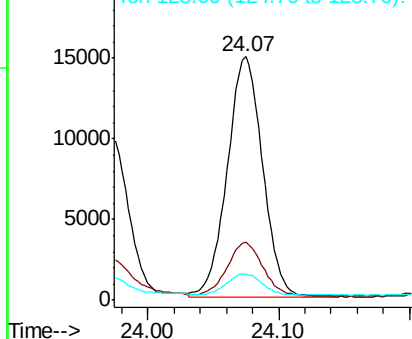
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	25.2	37.8
125	10.7	13.8	20.6

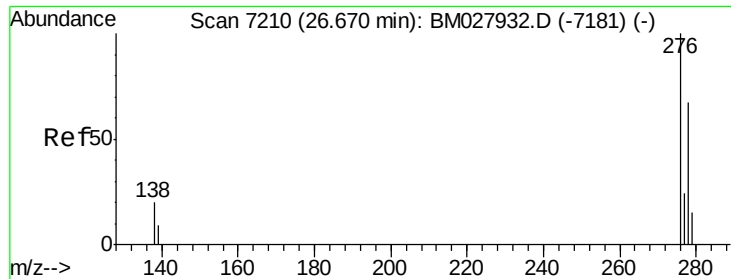
Abundance

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





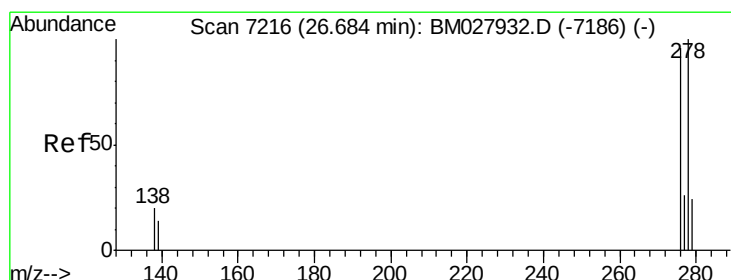
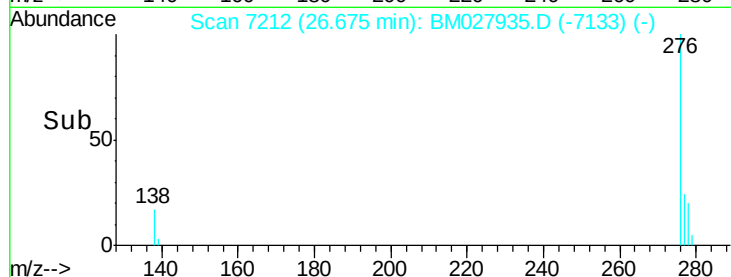
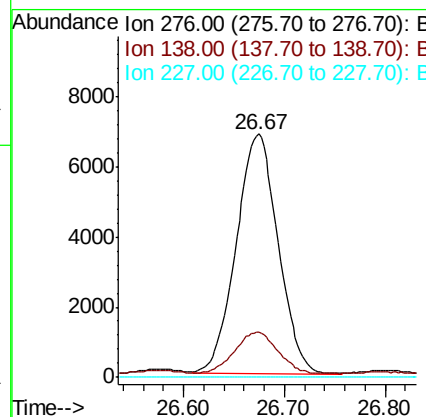
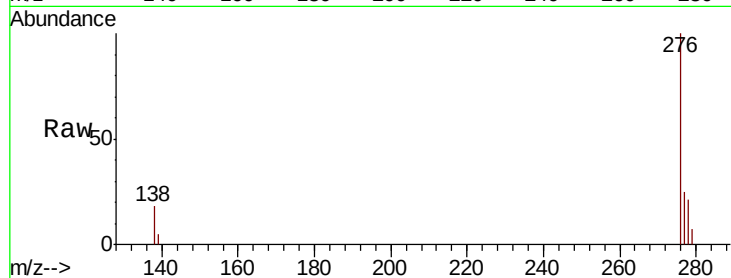
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.550 ng/ul
RT: 26.67 min Scan# 7212
Delta R.T. -0.01 min
Lab File: BM027935.D
Acq: 24 Nov 2020 10:29

Instrument :
BNA_M
ClientSampled :
C0B37

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

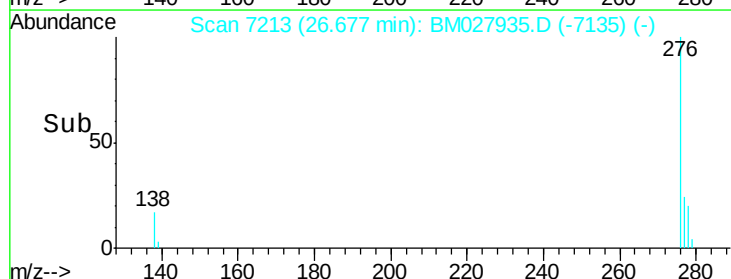
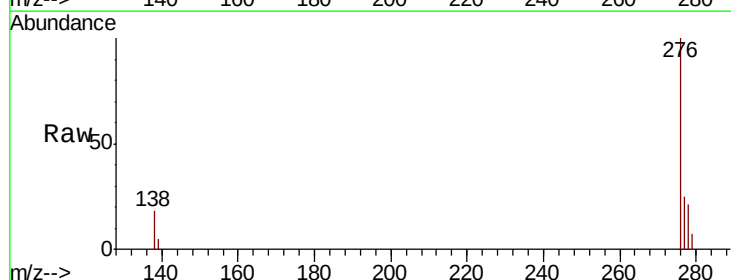
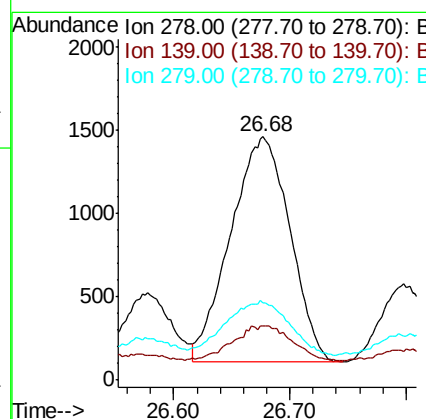
Manual Integrations
APPROVED

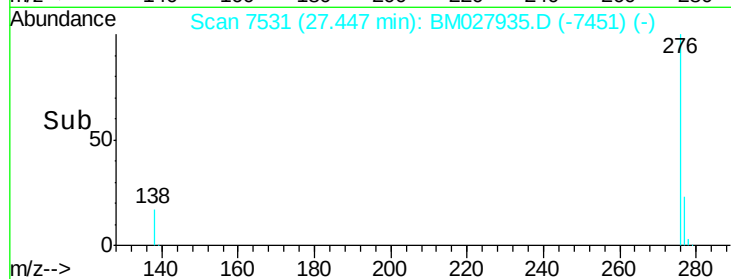
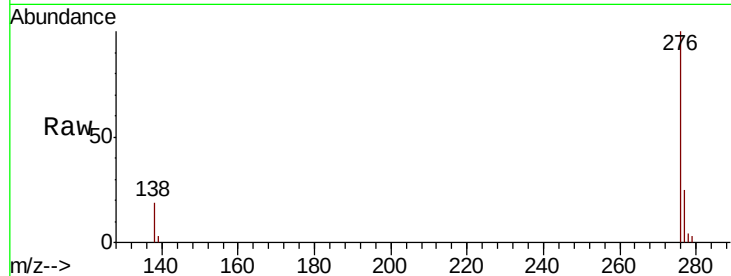
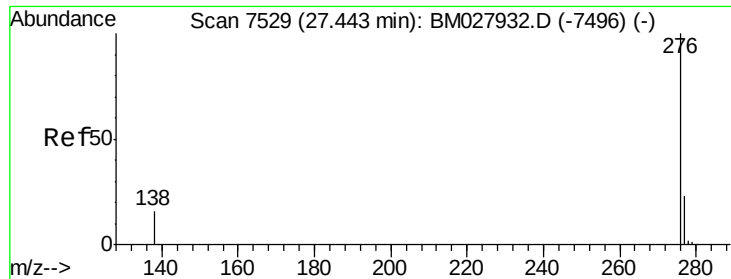
mohammad
11/25/2020 12:45:46 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.745 ng/ul
RT: 26.68 min Scan# 7213
Delta R.T. -0.01 min
Lab File: BM027935.D
Acq: 24 Nov 2020 10:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.4	14.8	22.2#
279	31.6	25.8	38.6





#26

Benzo(a,h,i)perylene

Concen: 2.723 ng/ul

RT: 27.45 min Scan# 7531

Delta R.T. -0.01 min

Lab File: BM027935.D

Acq: 24 Nov 2020 10:29

Tot Ion:	276	Resp:	17668
Ion Ratio	Lower	Upper	
276	100		
138	18.9	17.4	26.2
277	24.9	22.5	33.7

Instrument :

BNA_M

ClientSampleId :

C0B37

Manual Integrations
APPROVED

mohammad
11/25/2020 12:45:46 PM

