

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027938.D
 Acq On : 24 Nov 2020 12:18
 Operator : JU/CG
 Sample : L4749-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B73

Manual Integrations
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Quant Time: Nov 24 13:12:57 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	8.33	152	1004	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	3967	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2266	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3924m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	2190	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2547	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	1238	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1791	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.21	128	1002	0.084	ng/ul#	89
5) 2-Methylnaphthalene	12.80	142	656	0.081	ng/ul	98
7) Acenaphthylene	14.67	152	1819	0.164	ng/ul#	90
8) Acenaphthene	15.00	153	13348	1.611	ng/ul	99
9) Fluorene	15.98	166	17837	1.856	ng/ul	100
12) Phenanthrene	17.70	178	483356	38.994	ng/ul	97
13) Anthracene	17.79	178	83317	6.968	ng/ul	98
15) Fluoranthene	19.68	202	1005500	73.158	ng/ul	99
17) Pyrene	20.04	202	791630	71.175	ng/ul	96
18) Benzo(a)anthracene	21.75	228	355123	40.190	ng/ul	100
19) Chrysene	21.80	228	379382	44.080	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	441044m	41.203	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	167617m	15.990	ng/ul	
23) Benzo(a)pyrene	24.08	252	290415	31.031	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.68	276	191804	18.929	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.69	278	53256m	6.312	ng/ul	
26) Benzo(a,h,i)perylene	27.46	276	159213	18.727	ng/ul	92

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

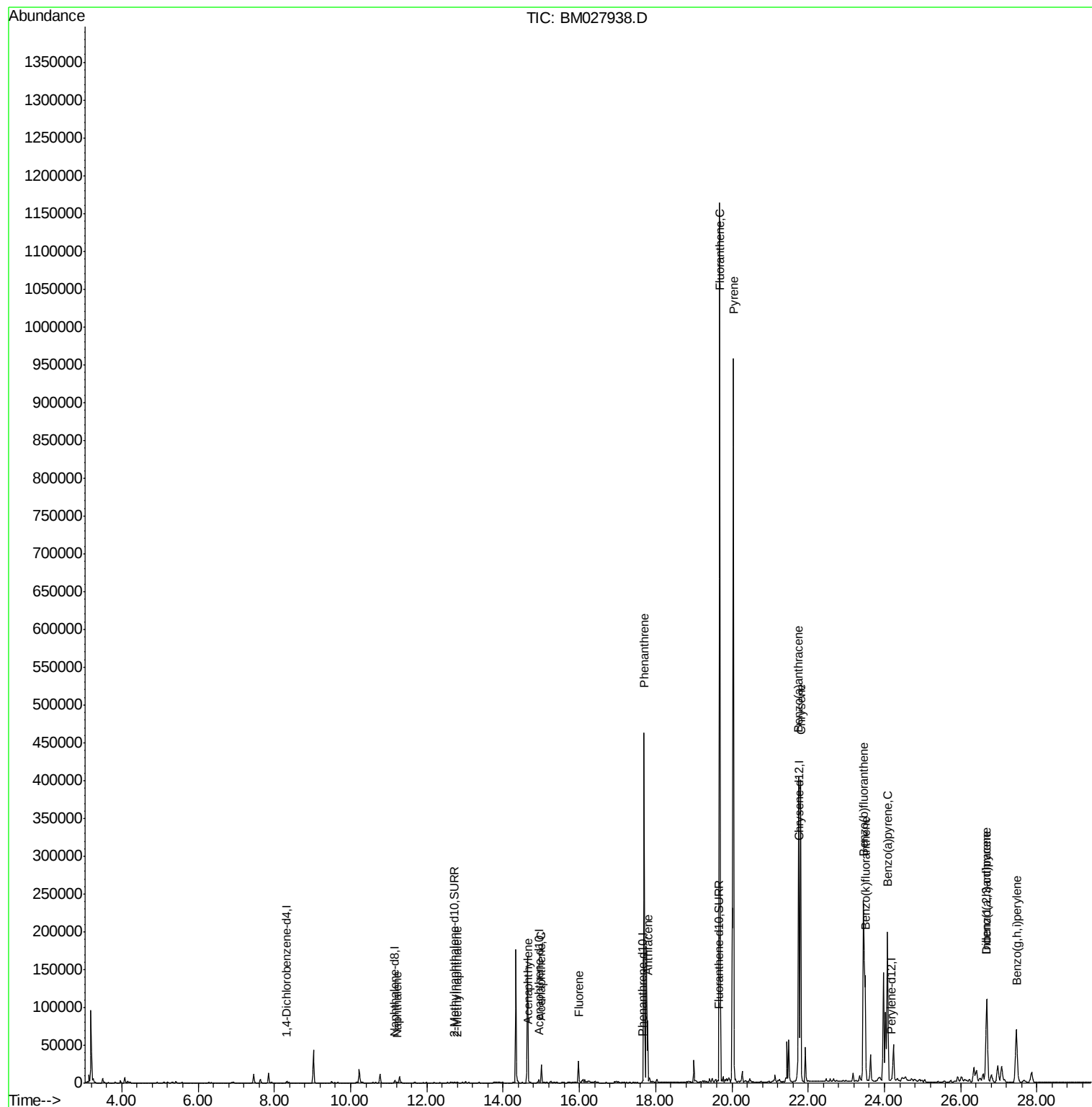
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027938.D
Acq On : 24 Nov 2020 12:18
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Misc :
ALS Vial : 33 Sample Multiplier: 1

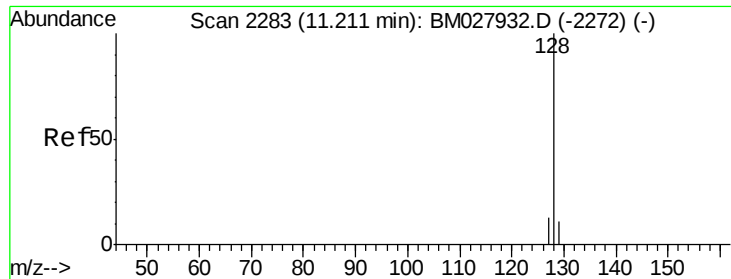
Instrument :
BNA_M
ClientSampleId :
C0B73

Quant Time: Nov 24 13:12:57 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

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#3

Naphthalene

Concen: 0.084 ng/ul

RT: 11.21 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BM027938.D

Acq: 24 Nov 2020 12:18

Instrument :

BNA_M

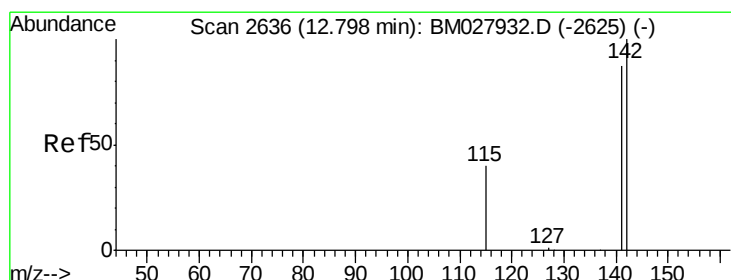
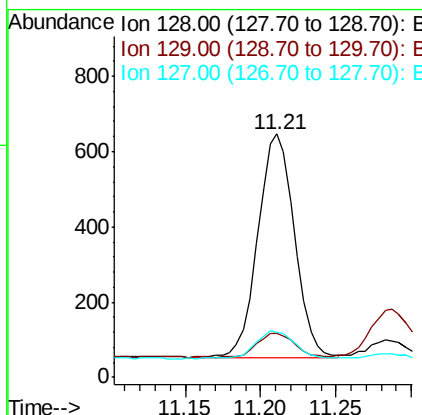
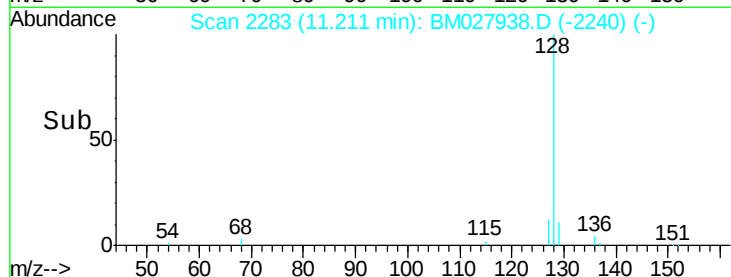
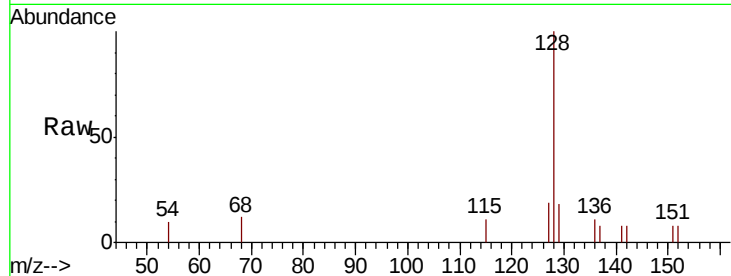
ClientSampleId :

C0B73

Tot Ion:	128	Resp:	1002
Ion	Ratio	Lower	Upper
128	100		
129	18.2	10.4	15.6#
127	18.9	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.081 ng/ul

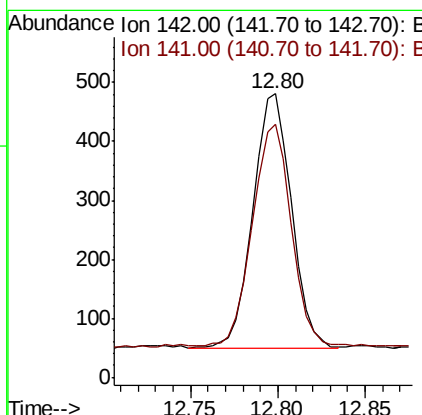
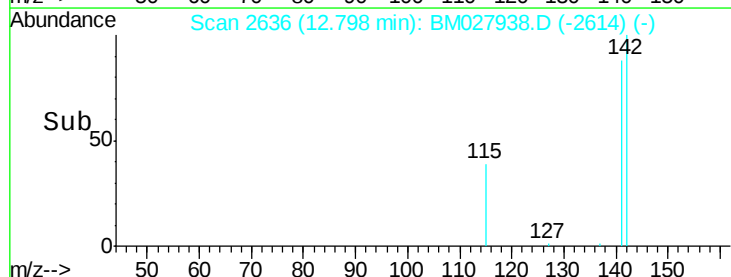
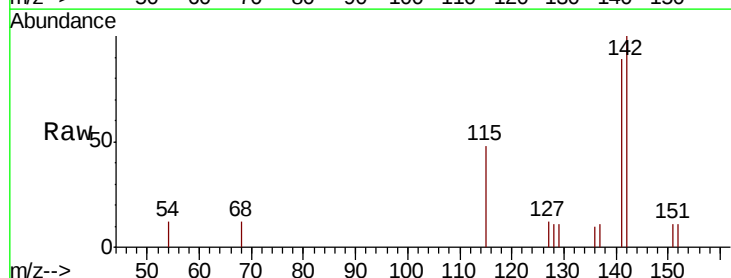
RT: 12.80 min Scan# 2636

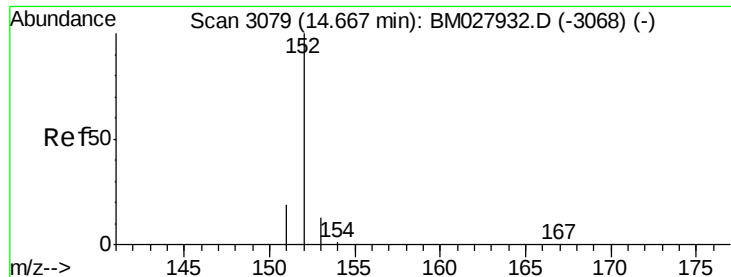
Delta R.T. -0.00 min

Lab File: BM027938.D

Acq: 24 Nov 2020 12:18

Tgt Ion:	142	Resp:	656
Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.6	107.4





#7

Acenaphthylene

Concen: 0.164 ng/ul

RT: 14.67 min Scan# 3079

Delta R.T. -0.00 min

Lab File: BM027938.D

Acq: 24 Nov 2020 12:18

Instrument :

BNA_M

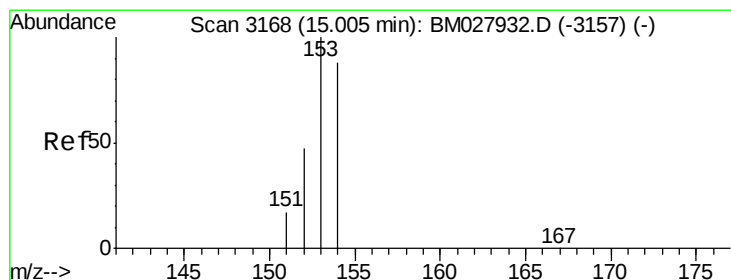
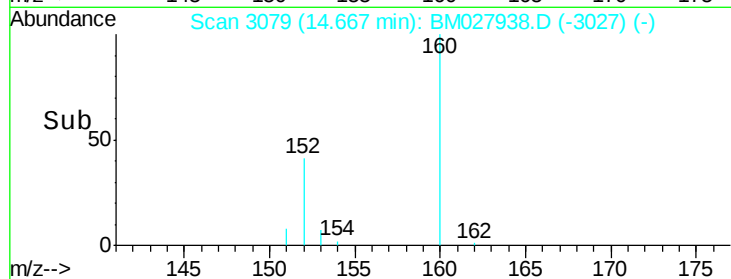
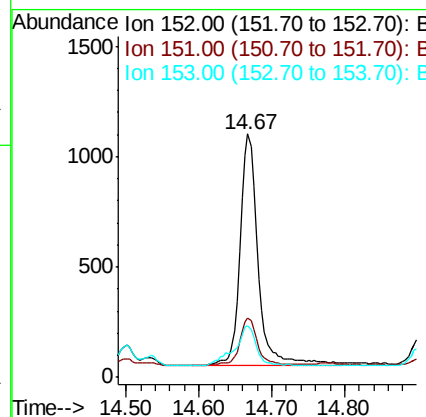
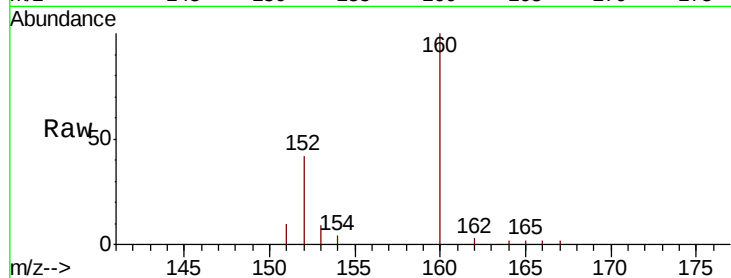
ClientSampled :

C0B73

Tot Ion:	152	Resp:	1819
Ion Ratio	Lower	Upper	
152	100		
151	24.6	17.1	25.7
153	21.1	12.0	18.0#

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#8

Acenaphthene

Concen: 1.611 ng/ul

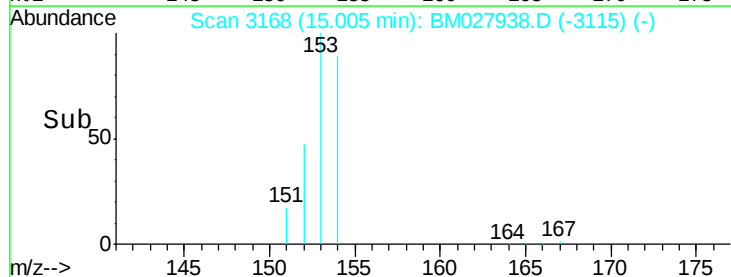
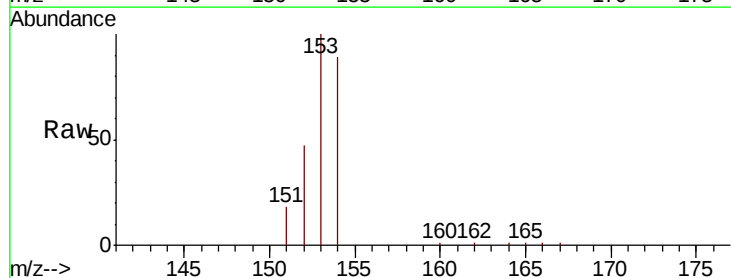
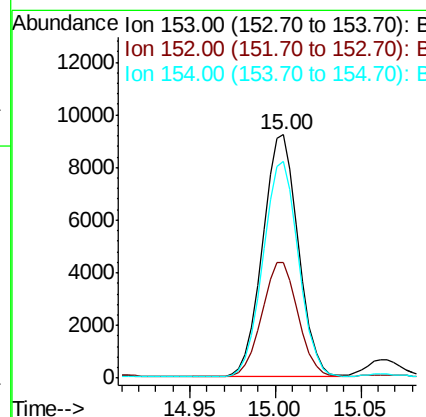
RT: 15.00 min Scan# 3168

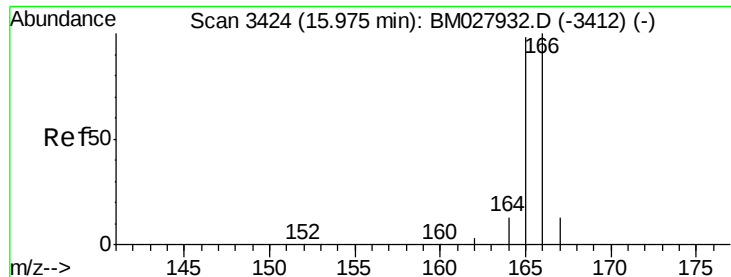
Delta R.T. -0.00 min

Lab File: BM027938.D

Acq: 24 Nov 2020 12:18

Tgt Ion:	153	Resp:	13348
Ion Ratio	Lower	Upper	
153	100		
152	47.4	39.0	58.6
154	89.2	71.6	107.4





#9

Fluorene

Concen: 1.856 ng/ul

RT: 15.98 min Scan# 3424

Delta R.T. -0.00 min

Lab File: BM027938.D

Acq: 24 Nov 2020 12:18

Instrument :

BNA_M

ClientSampleId :

C0B73

Tot Ion:166 Resp: 17837

Ion Ratio Lower Upper

166 100

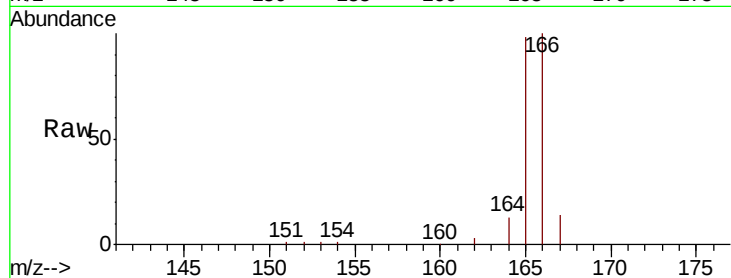
165 97.8 78.1 117.1

167 13.9 11.8 17.8

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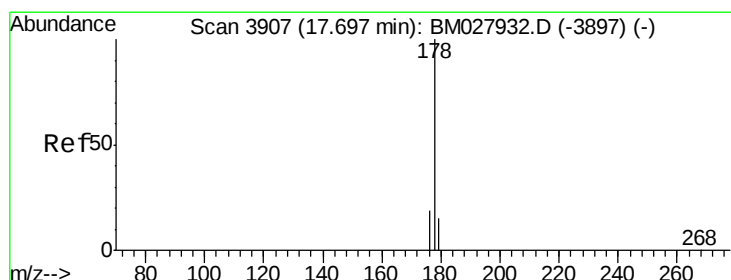
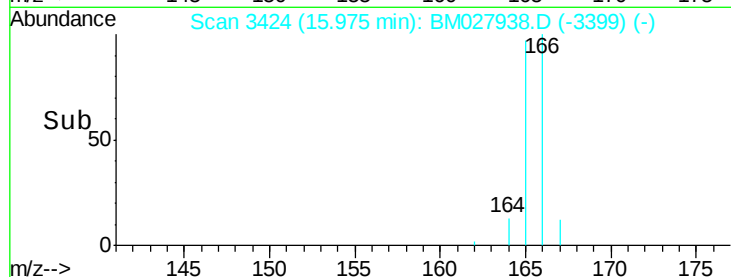
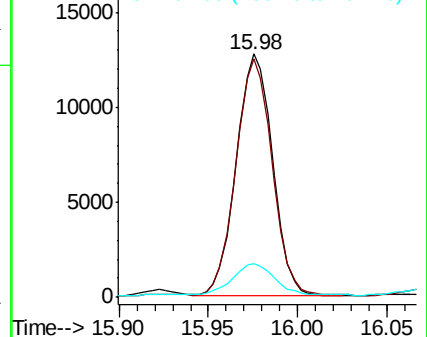


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 38.994 ng/ul

RT: 17.70 min Scan# 3908

Delta R.T. -0.00 min

Lab File: BM027938.D

Acq: 24 Nov 2020 12:18

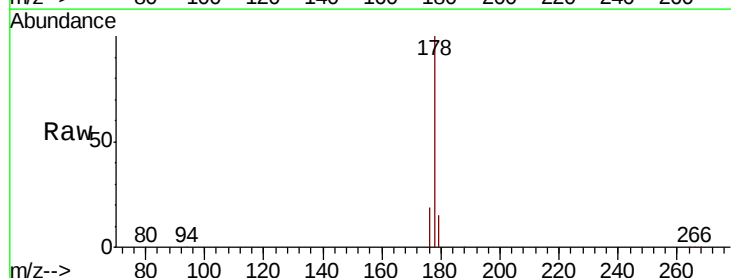
Tgt Ion:178 Resp: 483356

Ion Ratio Lower Upper

178 100

179 15.4 13.6 20.4

176 18.8 16.1 24.1

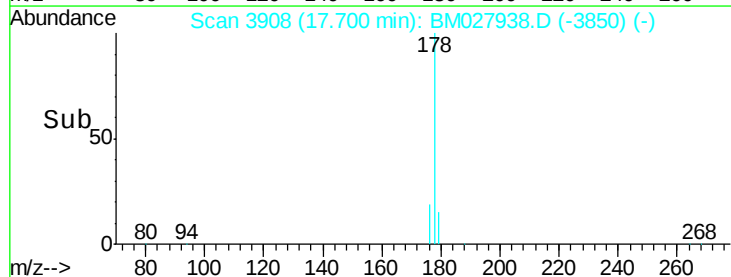
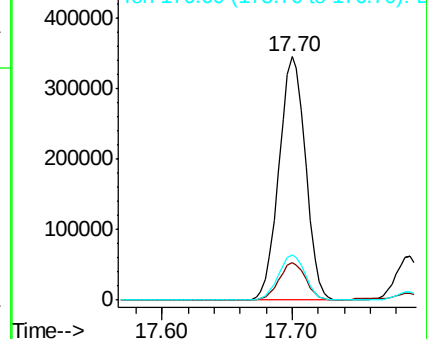


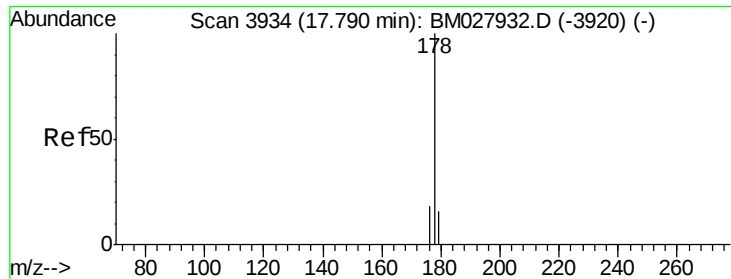
Abundance

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





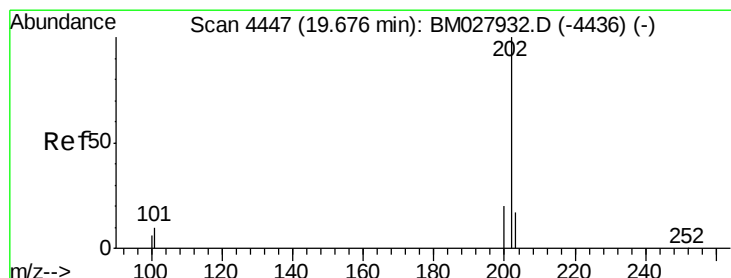
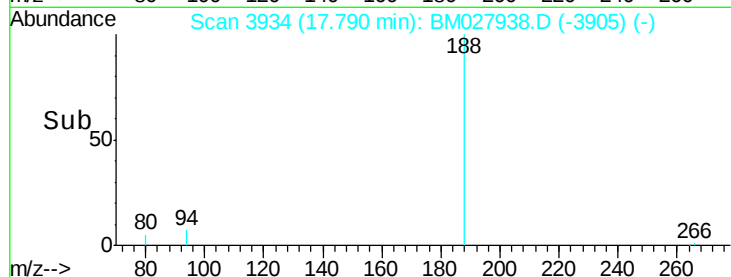
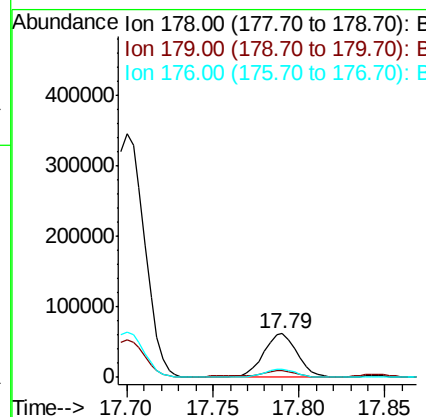
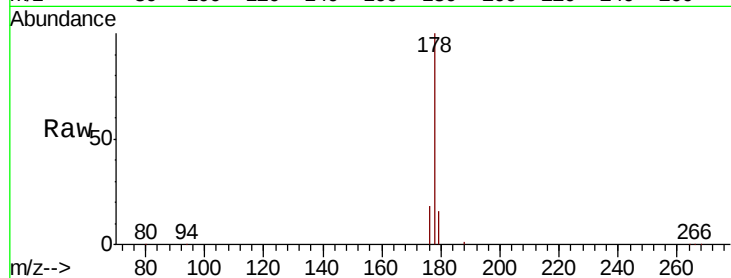
#13
 Anthracene
 Concen: 6.968 ng/ul
 RT: 17.79 min Scan# 3934
 Delta R.T. -0.00 min
 Lab File: BM027938.D
 Acq: 24 Nov 2020 12:18

Instrument :
 BNA_M
 ClientSampleId :
 C0B73

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	18.0	15.0	22.6

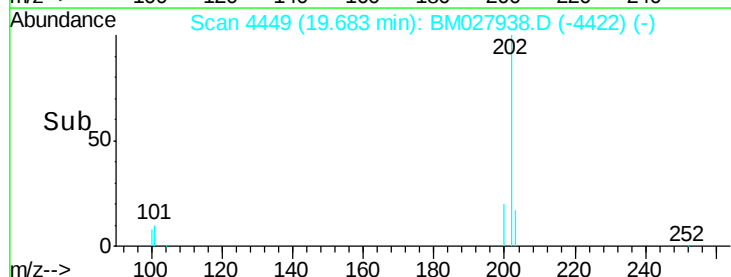
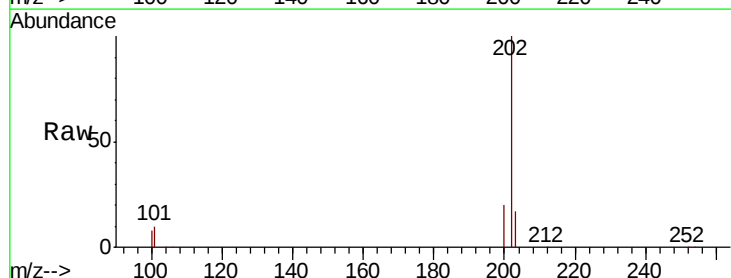
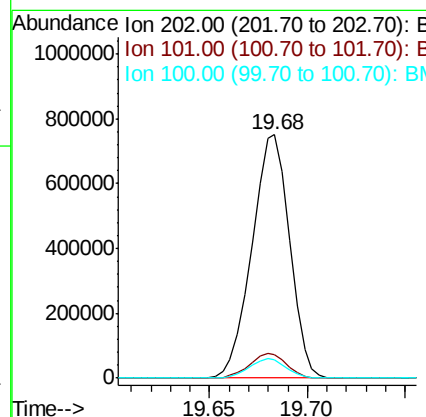
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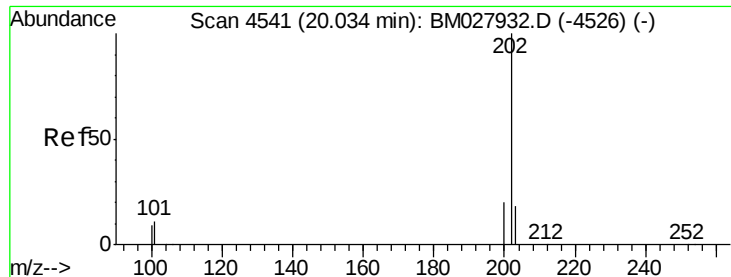
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#15
 Fluoranthene
 Concen: 73.158 ng/ul
 RT: 19.68 min Scan# 4449
 Delta R.T. 0.00 min
 Lab File: BM027938.D
 Acq: 24 Nov 2020 12:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	29.3
100	7.6	0.0	27.4





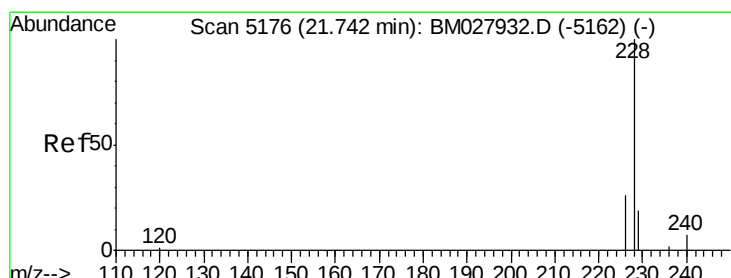
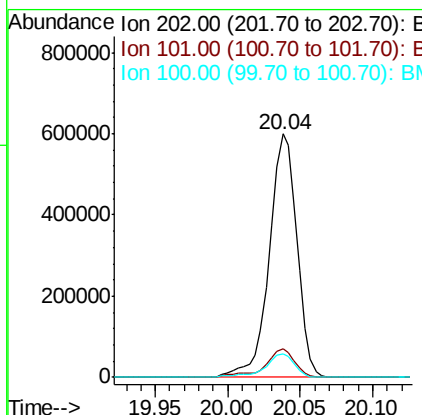
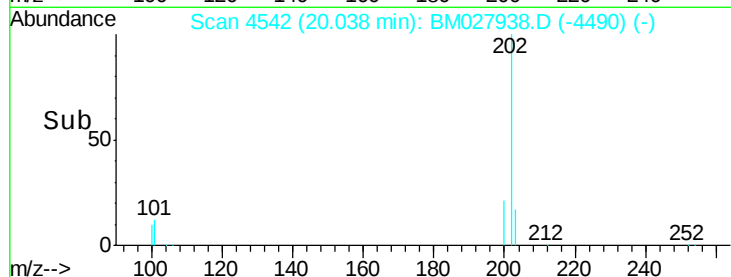
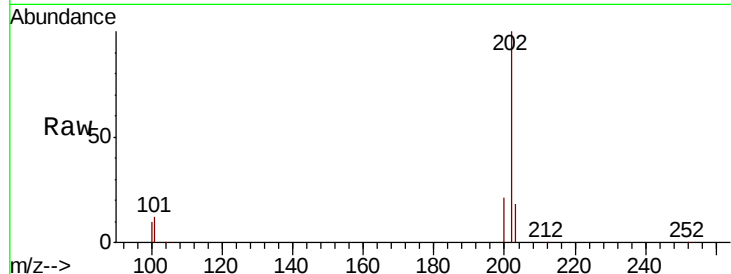
#17
Pvrene
Concen: 71.175 ng/ul
RT: 20.04 min Scan# 4542
Delta R.T. -0.00 min
Lab File: BM027938.D
Acq: 24 Nov 2020 12:18

Instrument :
BNA_M
ClientSampleId :
C0B73

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.6	8.2	12.2
100	9.7	6.9	10.3

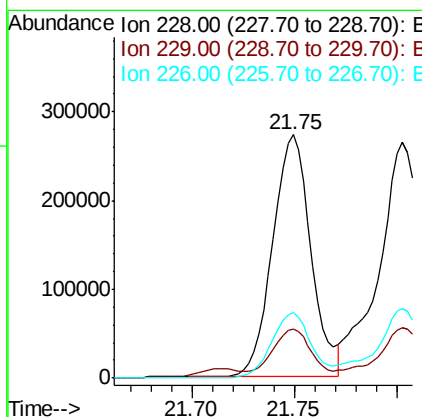
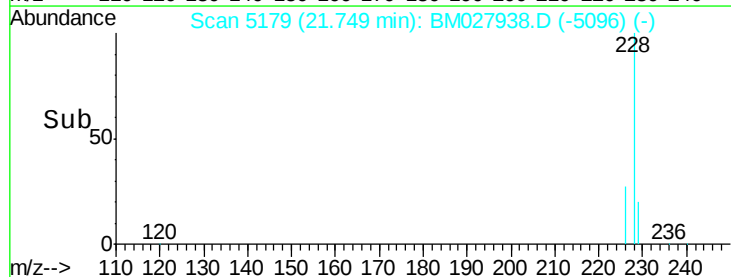
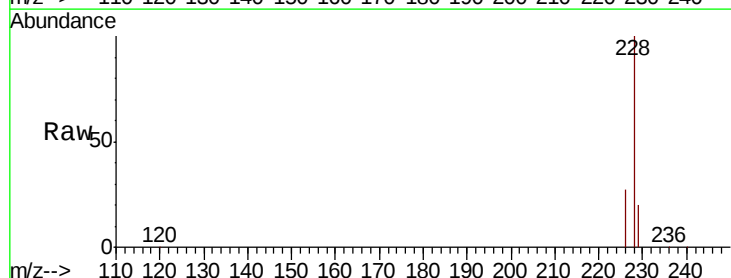
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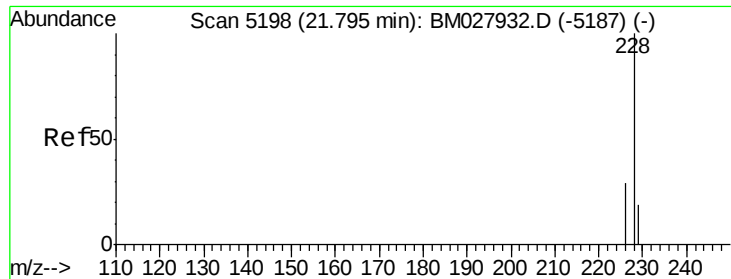
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#18
Benzo(a)anthracene
Concen: 40.190 ng/ul
RT: 21.75 min Scan# 5179
Delta R.T. -0.00 min
Lab File: BM027938.D
Acq: 24 Nov 2020 12:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.2	16.2	24.4
226	26.8	21.5	32.3





#19

Chrysene

Concen: 44.080 ng/ul

RT: 21.80 min Scan# 5201

Delta R.T. -0.00 min

Lab File: BM027938.D

Acq: 24 Nov 2020 12:18

Instrument :

BNA_M

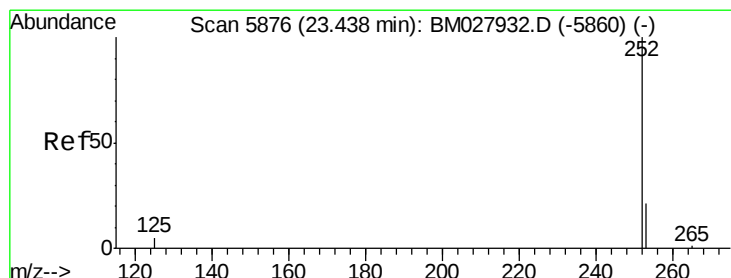
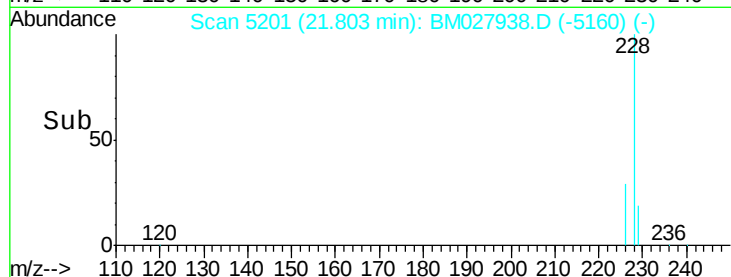
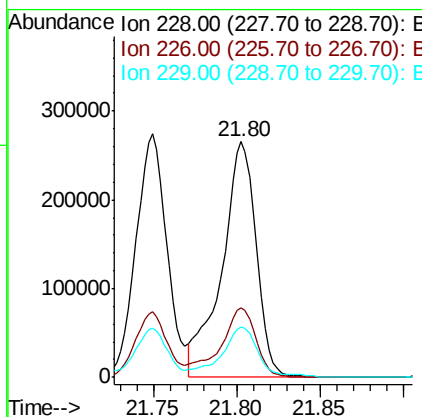
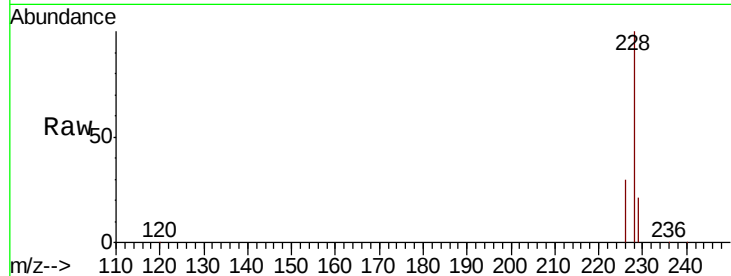
ClientSampleId :

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Tot Ion:	228	Resp:	379382
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.1	36.1
229	21.4	16.6	24.8

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#21

Benzo(b)fluoranthene

Concen: 41.203 ng/ul m

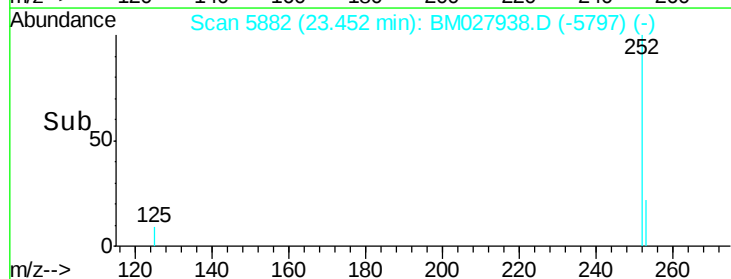
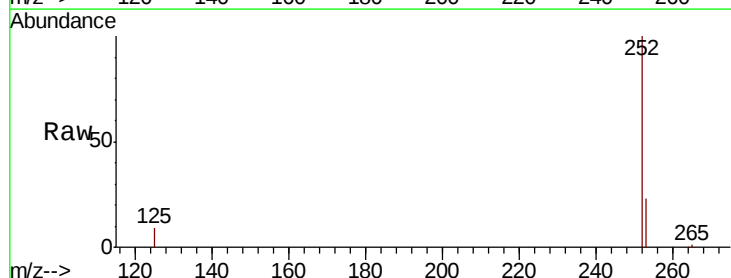
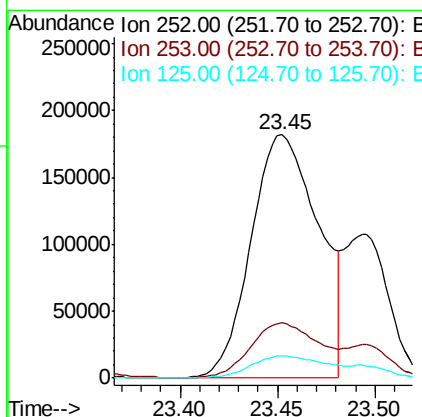
RT: 23.45 min Scan# 5882

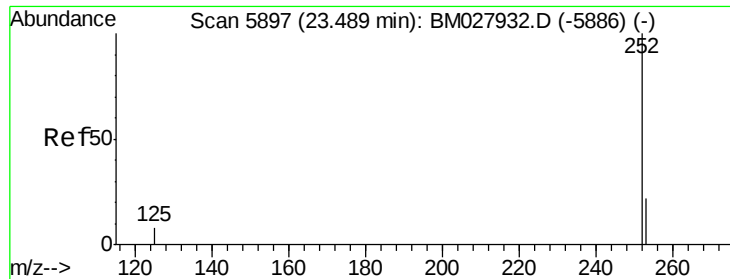
Delta R.T. 0.00 min

Lab File: BM027938.D

Acq: 24 Nov 2020 12:18

Tgt Ion:	252	Resp:	441044
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	59.6
125	9.0	0.0	28.4





#22

Benzo(k)fluoranthene

Concen: 15.990 ng/ul

RT: 23.49 min Scan# 5899

Delta R.T. -0.00 min

Lab File: BM027938.D

Acq: 24 Nov 2020 12:18

Instrument :

BNA_M

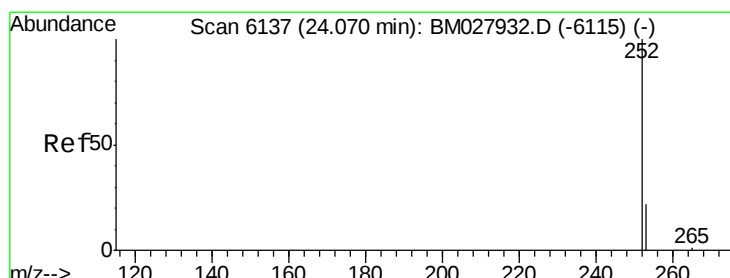
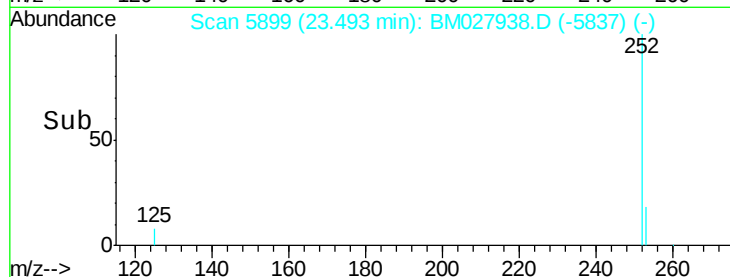
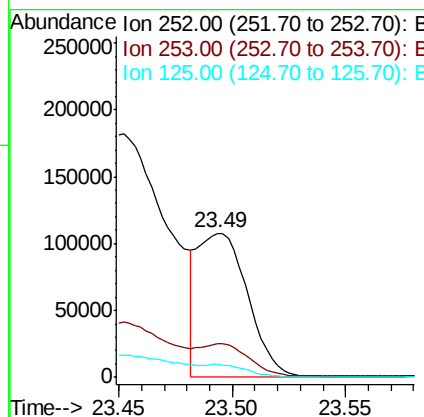
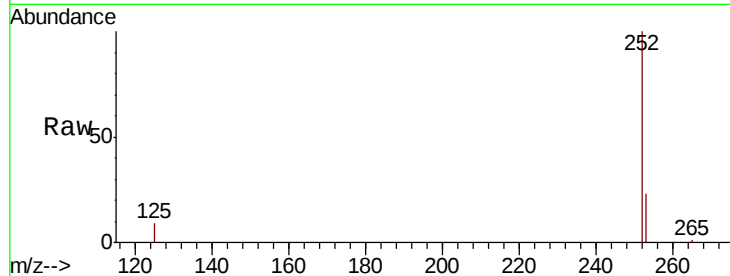
ClientSampled :

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Tot Ion:	252	Resp:	167617
Ion Ratio	Lower	Upper	
252	100		
253	23.1	23.2	34.8#
125	8.8	11.8	17.6#

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#23

Benzo(a)pyrene

Concen: 31.031 ng/ul

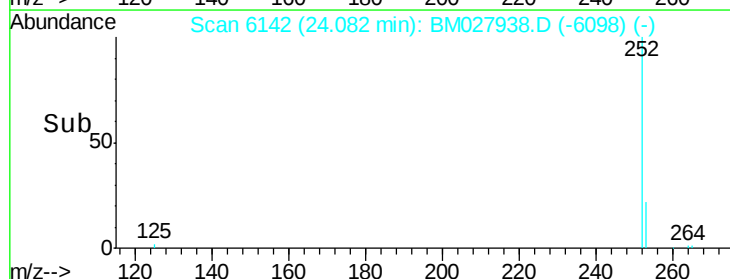
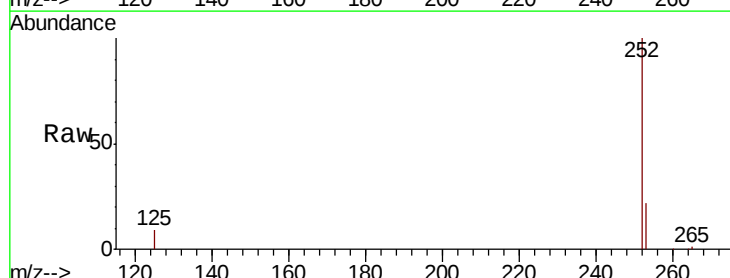
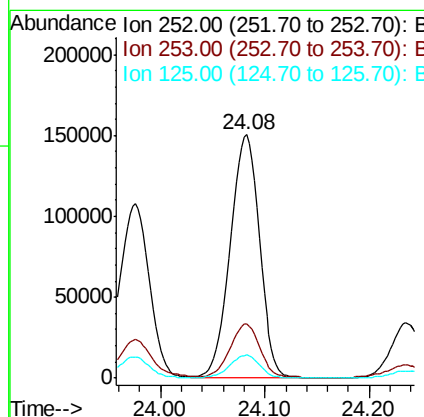
RT: 24.08 min Scan# 6142

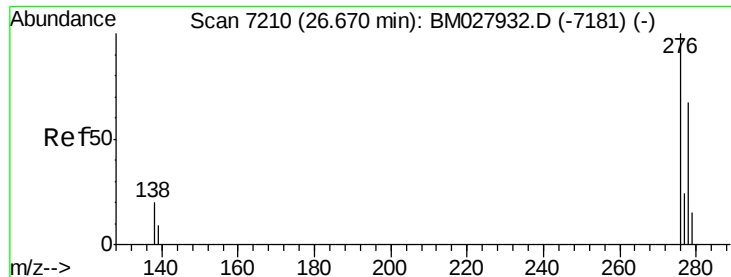
Delta R.T. 0.01 min

Lab File: BM027938.D

Acq: 24 Nov 2020 12:18

Tgt Ion:	252	Resp:	290415
Ion Ratio	Lower	Upper	
252	100		
253	22.2	25.2	37.8#
125	9.4	13.8	20.6#





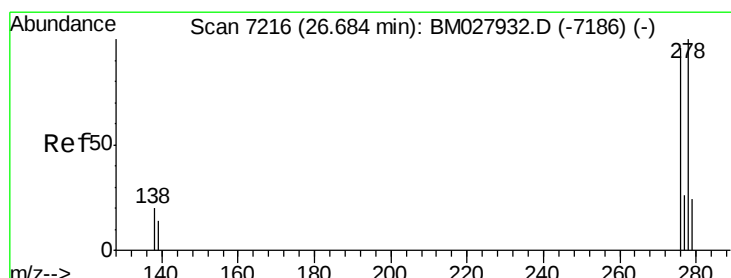
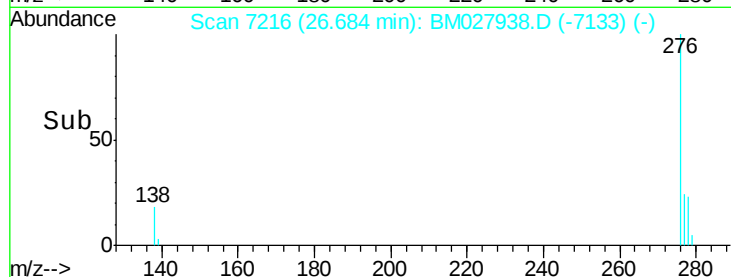
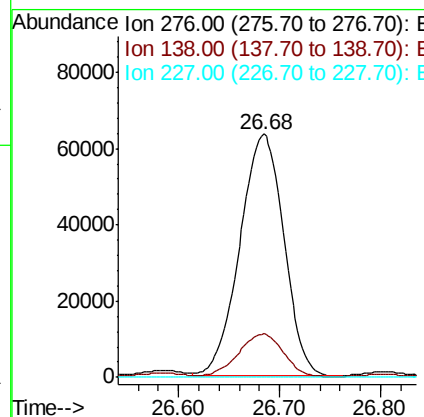
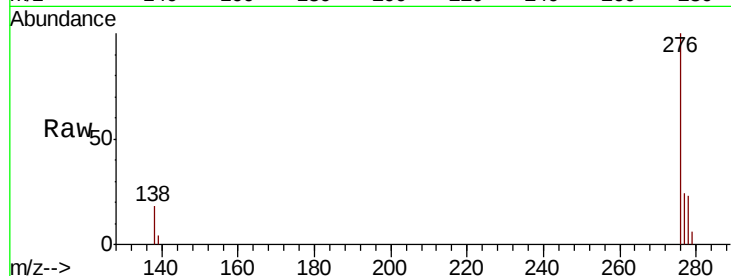
#24
Indeno(1,2,3-cd)pyrene
Concen: 18.929 ng/ul
RT: 26.68 min Scan# 7216
Delta R.T. -0.00 min
Lab File: BM027938.D
Acq: 24 Nov 2020 12:18

Instrument :
BNA_M
ClientSampleId :
C0B73

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.9	15.7	23.5
227	0.0	0.0	0.0

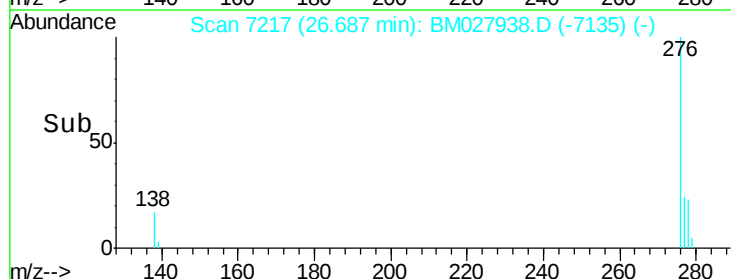
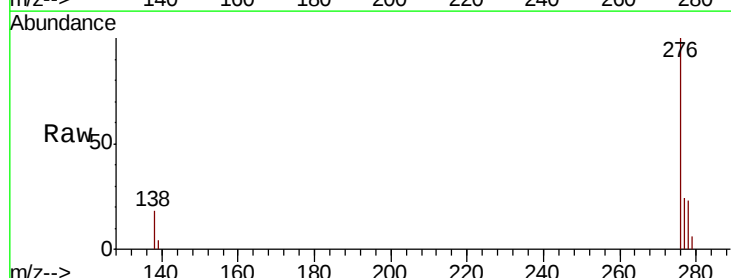
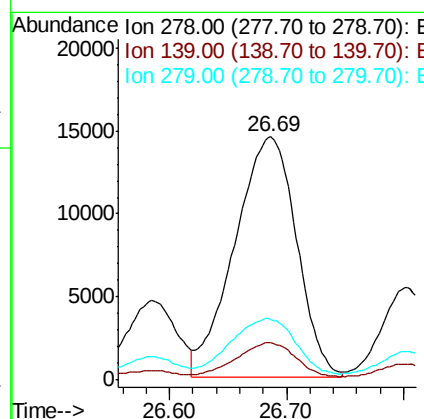
Manual Integrations
APPROVED

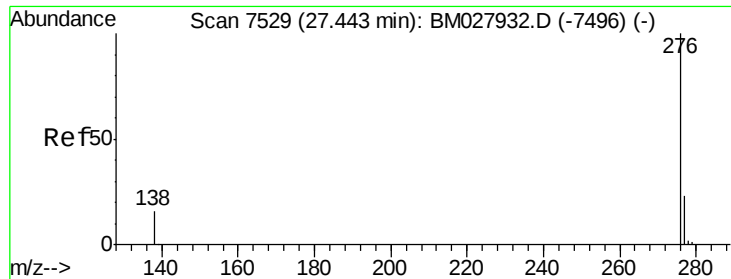
mohammad
11/25/2020 12:45:55 PM



#25
Dibenzo(a,h)anthracene
Concen: 6.312 ng/ul m
RT: 26.69 min Scan# 7217
Delta R.T. -0.00 min
Lab File: BM027938.D
Acq: 24 Nov 2020 12:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	14.8	22.2
279	25.0	25.8	38.6#





#26

Benzo(a,h,i)perylene

Concen: 18.727 ng/ul

RT: 27.46 min Scan# 7536

Delta R.T. 0.00 min

Lab File: BM027938.D

Acq: 24 Nov 2020 12:18

Instrument :

BNA_M

ClientSampleId :

C0B73

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.1	17.4	26.2
277	24.3	22.5	33.7

Manual Integrations
APPROVED

mohammad
11/25/2020 12:45:55 PM

