

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
 Data File : BM027823.D
 Acq On : 17 Nov 2020 18:26
 Operator : JU/CG
 Sample : L4762-10DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC6DL

Manual Integrations
 APPROVED

mohammad
 11/19/2020 10:33:23 AM

Quant Time: Nov 18 00:58:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 09:19:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1401	0.40	ng/ul	0.00
2) Naphthalene-d8	11.22	136	5277	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	2911	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	4543	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	2956	0.40	ng/ul	0.00
20) Perylene-d12	24.24	264	2840	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.78	152	410	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	542	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.27	128	5870	0.348	ng/ul	98
5) 2-Methylnaphthalene	12.85	142	12201	1.040	ng/ul	99
7) Acenaphthylene	14.71	152	837	0.058	ng/ul#	54
8) Acenaphthene	15.05	153	591	0.054	ng/ul#	63
9) Fluorene	16.02	166	1066	0.081	ng/ul#	80
12) Phenanthrene	17.74	178	12821	0.867	ng/ul	98
13) Anthracene	17.83	178	1698	0.118	ng/ul#	78
15) Fluoranthene	19.71	202	5522	0.326	ng/ul	90
17) Pyrene	20.07	202	7981	0.609	ng/ul#	90
18) Benzo(a)anthracene	21.78	228	3216	0.272	ng/ul#	42
19) Chrysene	21.84	228	5283	0.439	ng/ul#	53
21) Benzo(b)fluoranthene	23.50	252	4076m	0.314	ng/ul	
22) Benzo(k)fluoranthene	23.54	252	1249m	0.098	ng/ul	
23) Benzo(a)pyrene	24.13	252	2615	0.229	ng/ul#	16
24) Indeno(1,2,3-cd)pyrene	26.76	276	2020	0.155	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.75	278	765	0.070	ng/ul#	1
26) Benzo(a,h,i)perylene	27.54	276	3723	0.338	ng/ul#	64

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

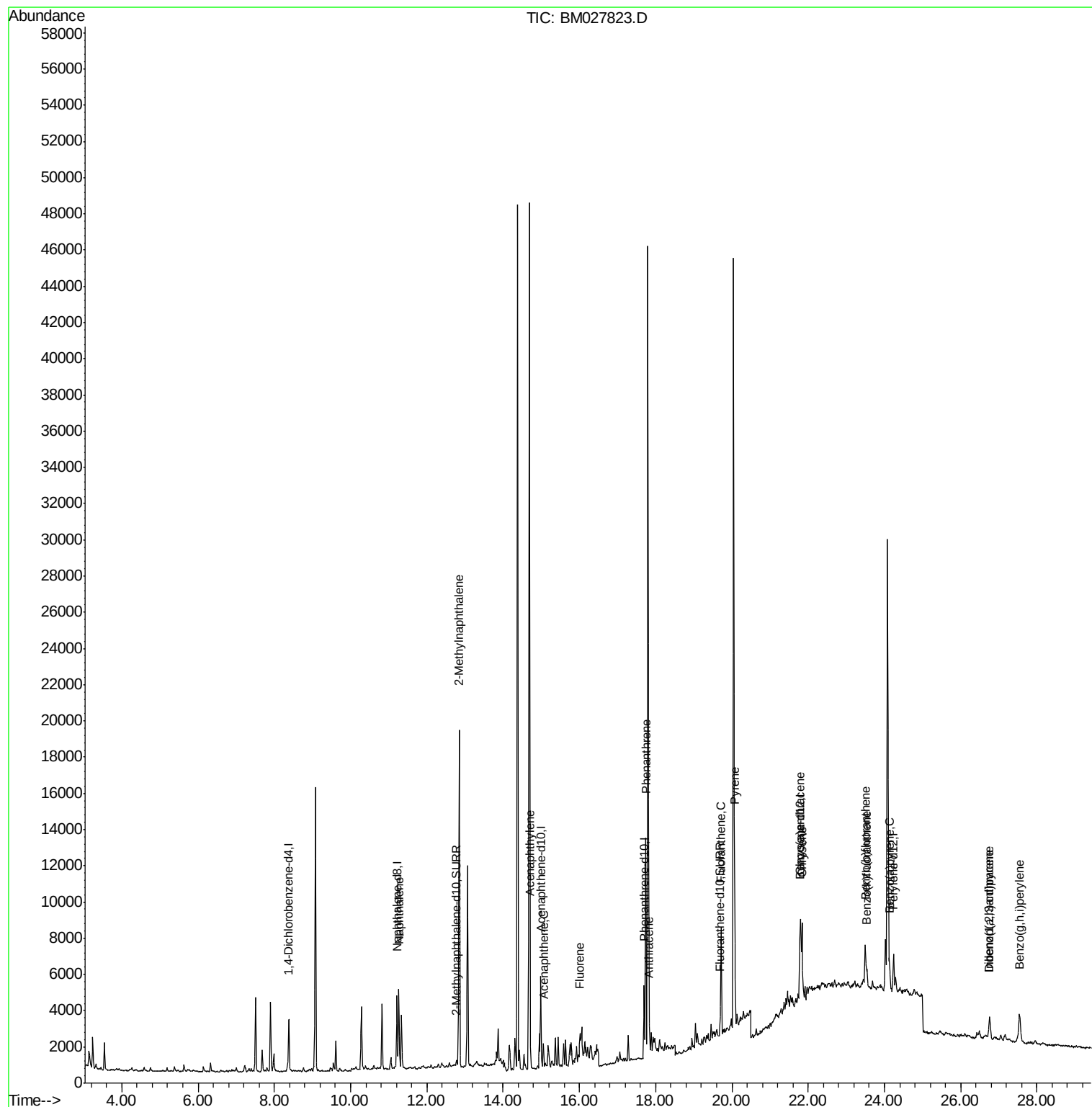
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
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ALS Vial : 14 Sample Multiplier: 1

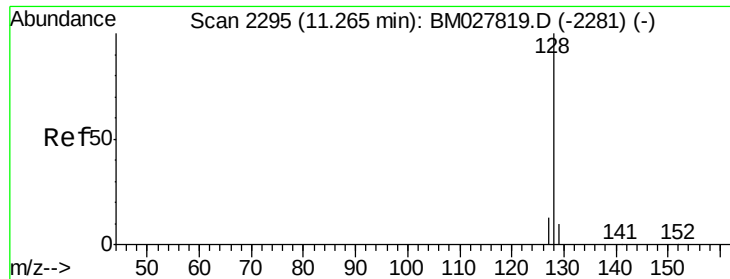
Instrument :
BNA_M
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C0AC6DL

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Quant Time: Nov 18 00:58:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.348 ng/ul

RT: 11.27 min Scan# 2296

Delta R.T. 0.01 min

Lab File: BM027823.D

Acq: 17 Nov 2020 18:26

Instrument :

BNA_M

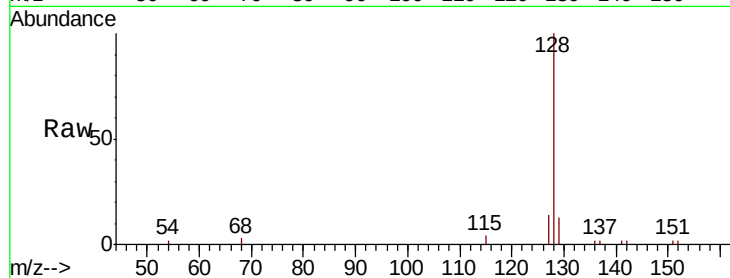
ClientSampleId :

C0AC6DL

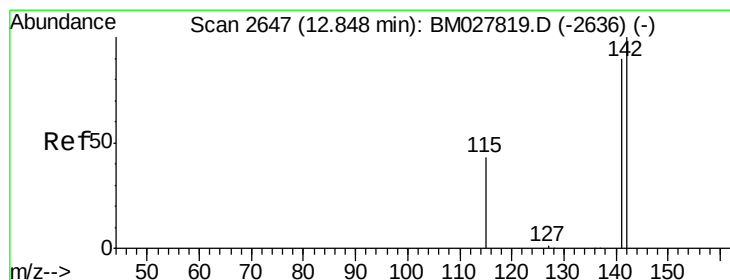
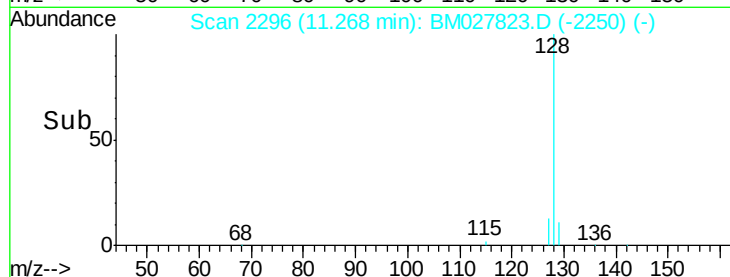
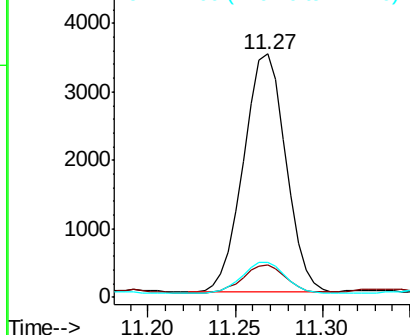
Tot Ion:128	Resp:	5870
Ion Ratio	Lower	Upper
128 100		
129 13.2	11.0	16.4
127 14.3	12.4	18.6

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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



#5

2-Methylnaphthalene

Concen: 1.040 ng/ul

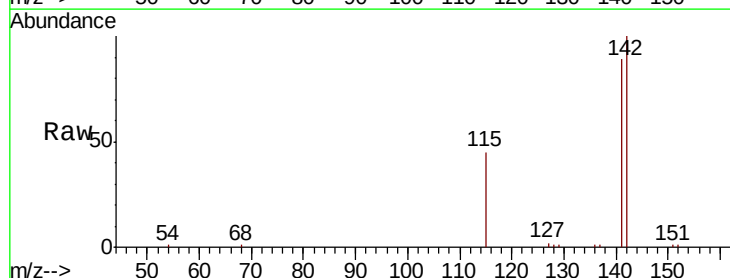
RT: 12.85 min Scan# 2647

Delta R.T. 0.00 min

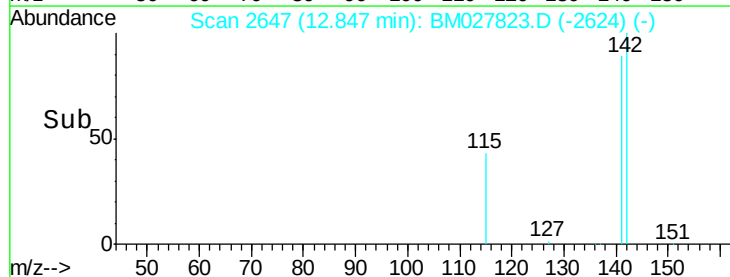
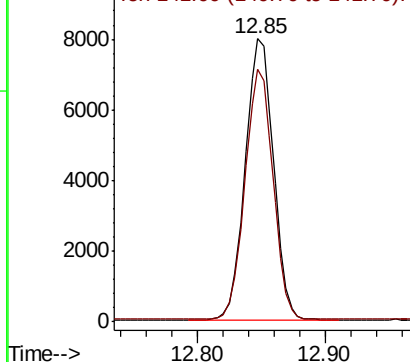
Lab File: BM027823.D

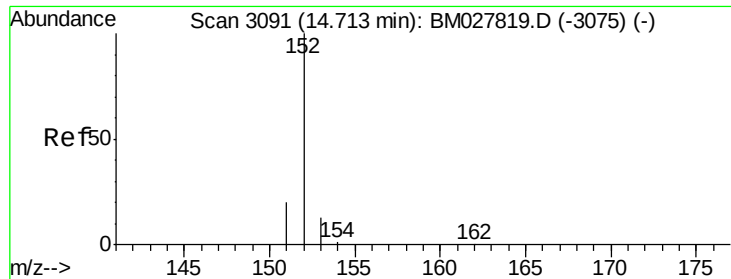
Acq: 17 Nov 2020 18:26

Tgt Ion:142	Resp:	12201
Ion Ratio	Lower	Upper
142 100		
141 88.7	70.0	105.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.058 ng/ul

RT: 14.71 min Scan# 3091

Delta R.T. 0.00 min

Lab File: BM027823.D

Acq: 17 Nov 2020 18:26

Instrument :

BNA_M

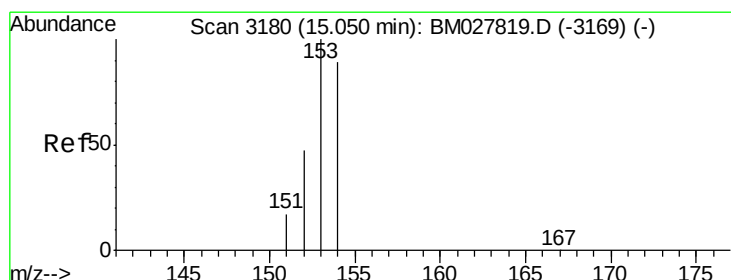
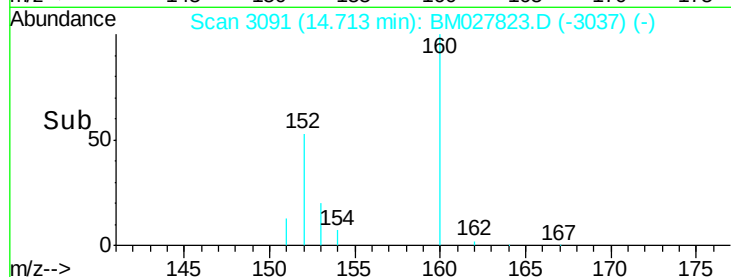
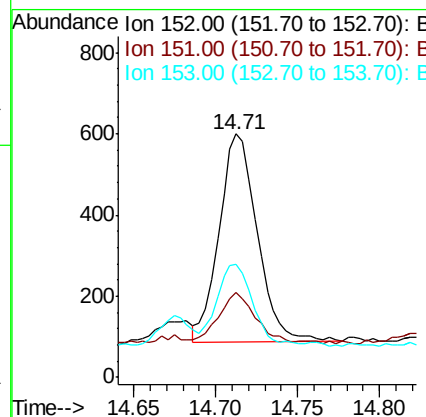
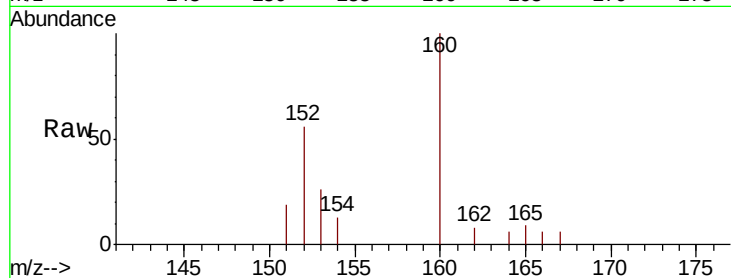
ClientSampleId :

C0AC6DL

Tot Ion:	152	Resp:	837
Ion Ratio	Lower	Upper	
152	100		
151	34.8	17.8	26.6#
153	46.5	11.8	17.8#

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#8

Acenaphthene

Concen: 0.054 ng/ul

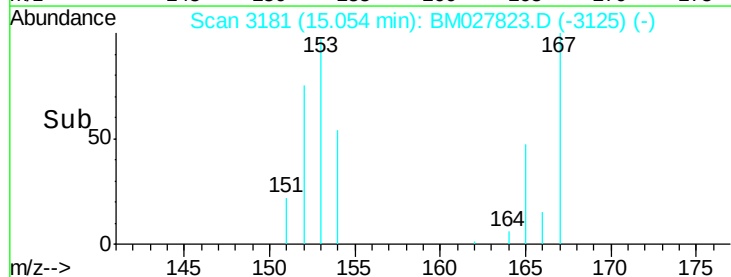
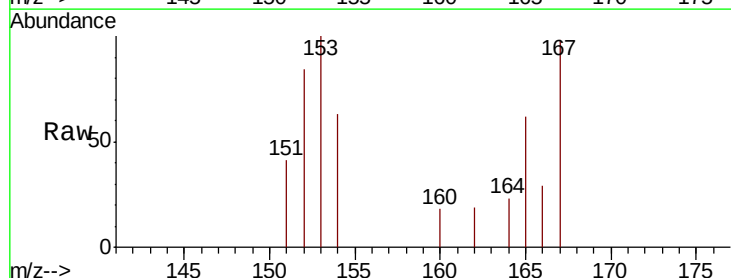
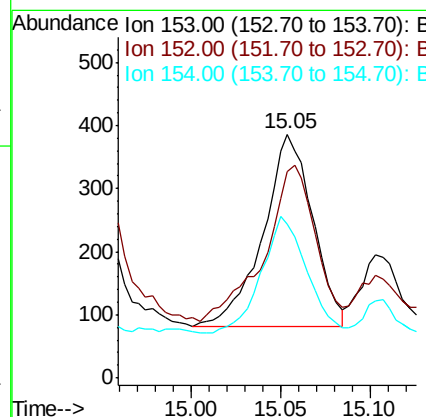
RT: 15.05 min Scan# 3181

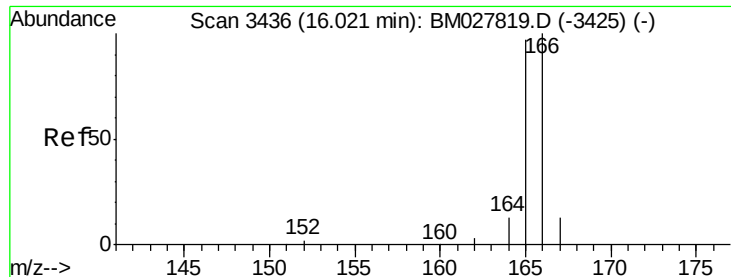
Delta R.T. 0.01 min

Lab File: BM027823.D

Acq: 17 Nov 2020 18:26

Tgt Ion:	153	Resp:	591
Ion Ratio	Lower	Upper	
153	100		
152	84.5	38.6	58.0#
154	63.2	72.0	108.0#





#9

Fluorene

Concen: 0.081 ng/ul

RT: 16.02 min Scan# 3436

Delta R.T. 0.01 min

Lab File: BM027823.D

Acq: 17 Nov 2020 18:26

Instrument :

BNA_M

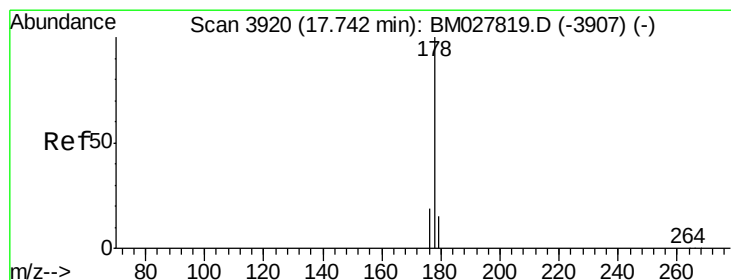
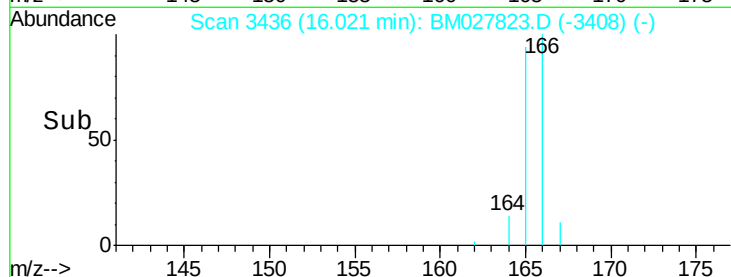
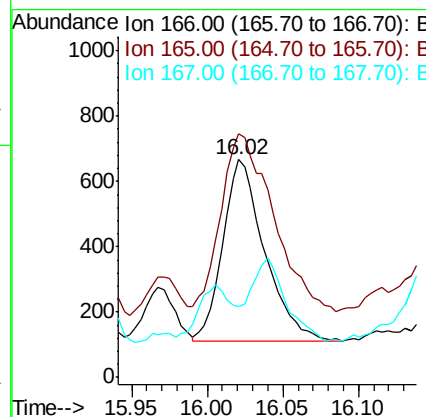
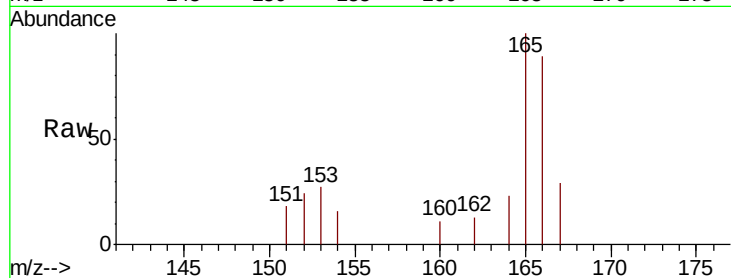
ClientSampleId :

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Tot Ion:	166	Resp:	1066
Ion Ratio	Lower	Upper	
166	100		
165	112.0	76.9	115.3
167	32.6	12.0	18.0#

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#12

Phenanthrene

Concen: 0.867 ng/ul

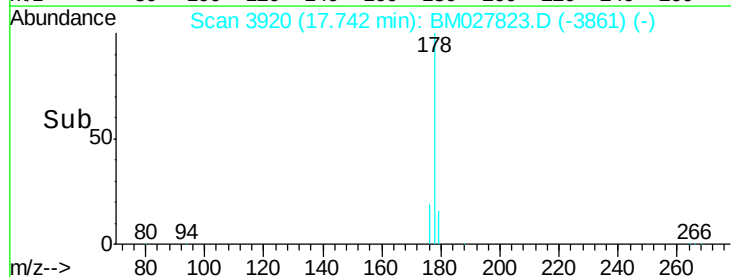
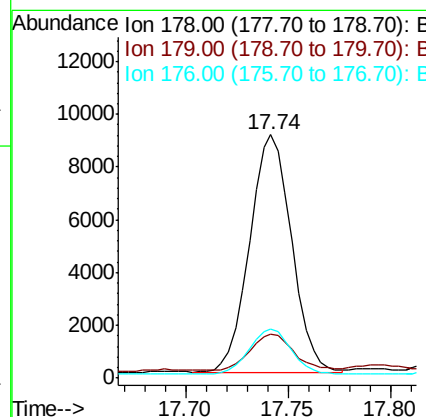
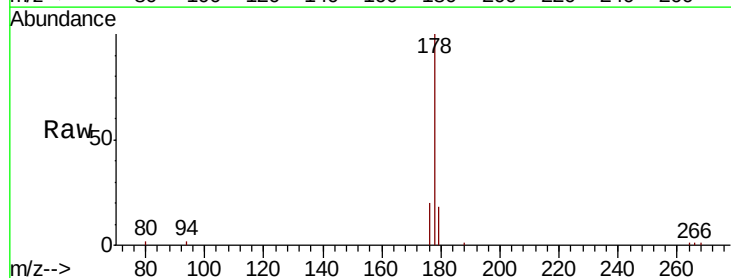
RT: 17.74 min Scan# 3920

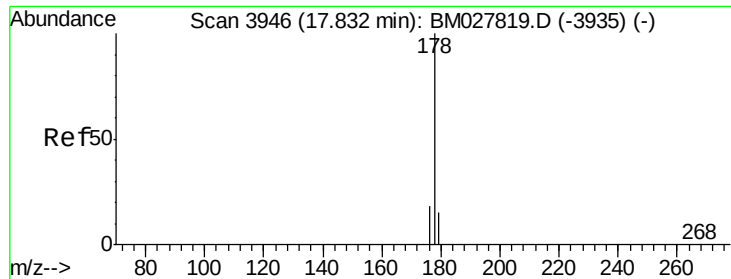
Delta R.T. 0.01 min

Lab File: BM027823.D

Acq: 17 Nov 2020 18:26

Tgt Ion:	178	Resp:	12821
Ion Ratio	Lower	Upper	
178	100		
179	18.3	13.5	20.3
176	20.2	16.5	24.7





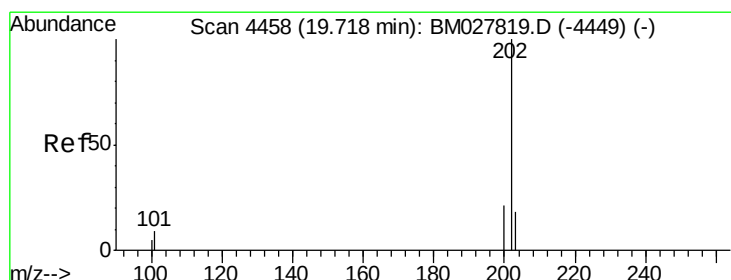
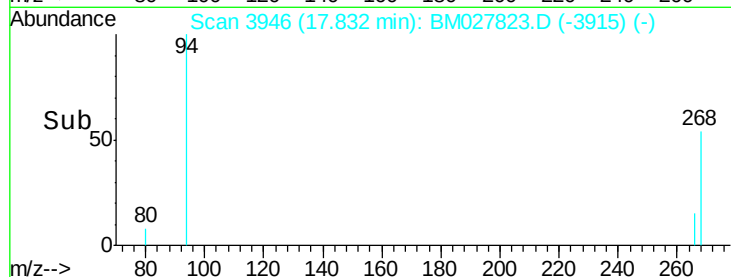
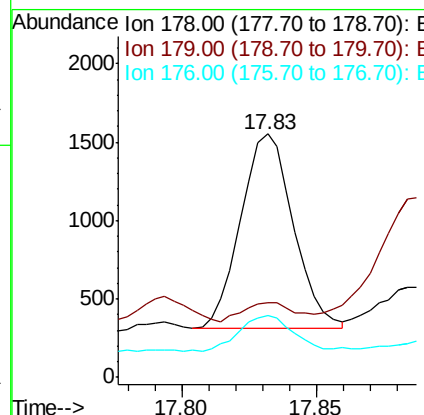
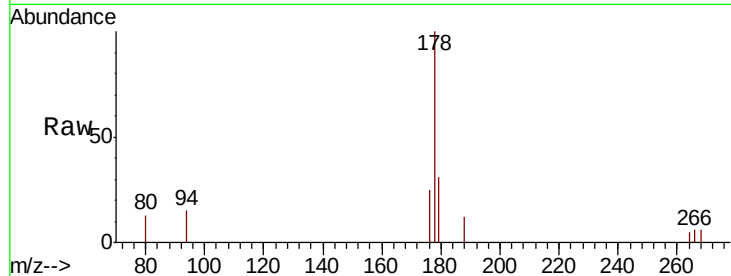
#13
 Anthracene
 Concen: 0.118 ng/ul
 RT: 17.83 min Scan# 3946
 Delta R.T. 0.01 min
 Lab File: BM027823.D
 Acq: 17 Nov 2020 18:26

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion:178 Resp: 1698
 Ion Ratio Lower Upper
 178 100
 179 30.6 13.6 20.4#
 176 25.3 15.4 23.2#

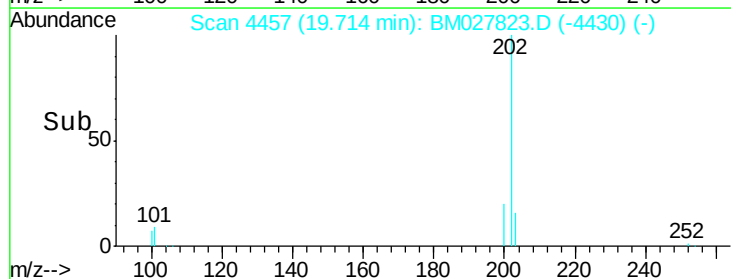
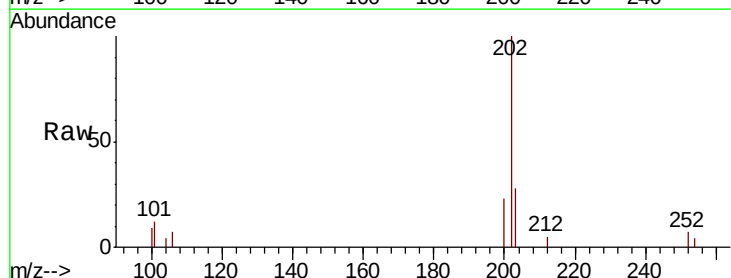
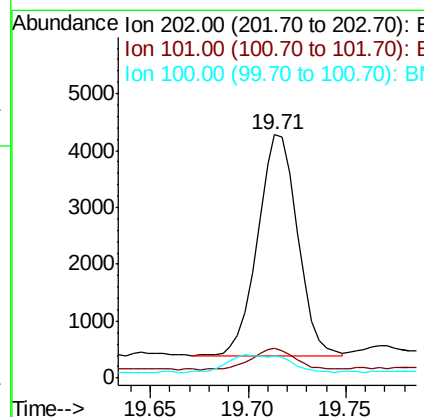
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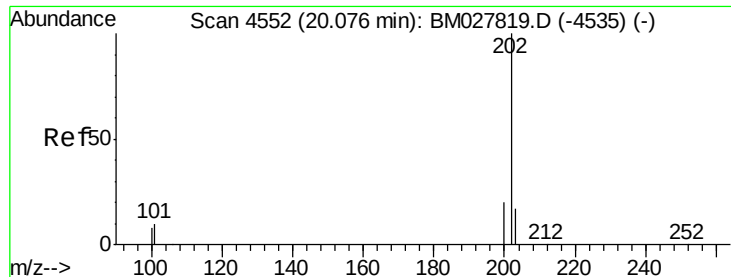
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#15
 Fluoranthene
 Concen: 0.326 ng/ul
 RT: 19.71 min Scan# 4457
 Delta R.T. 0.00 min
 Lab File: BM027823.D
 Acq: 17 Nov 2020 18:26

Tgt Ion:202 Resp: 5522
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 28.0
 100 8.9 0.0 26.3





#17

Pvrene

Concen: 0.609 ng/ul

RT: 20.07 min Scan# 4551

Delta R.T. 0.00 min

Lab File: BM027823.D

Acq: 17 Nov 2020 18:26

Instrument :

BNA_M

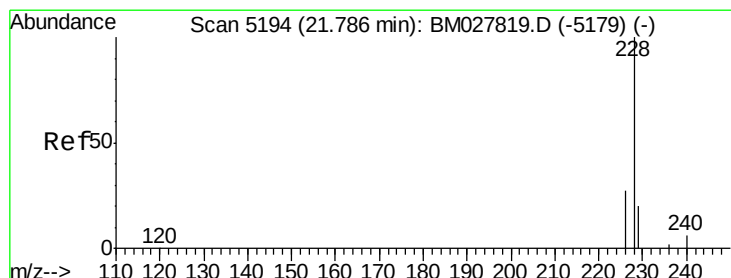
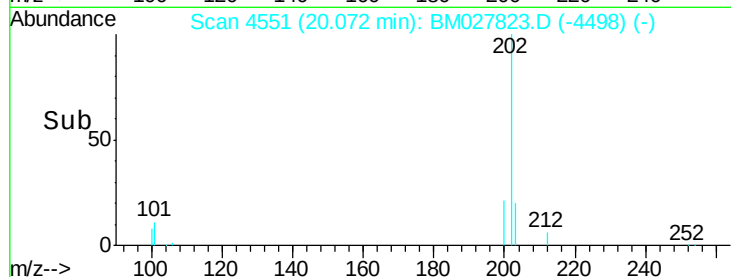
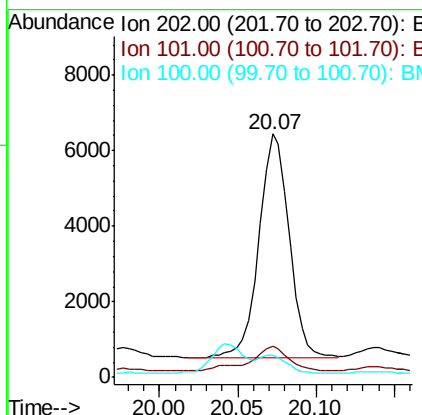
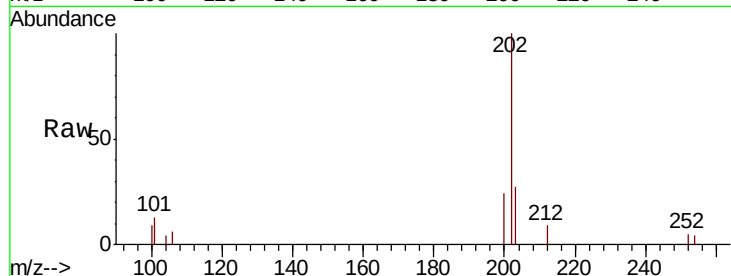
ClientSampleId :

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Tot Ion:	202	Resp:	7981
Ion Ratio	Lower	Upper	
202	100		
101	12.7	6.4	9.6#
100	9.4	5.8	8.6#

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#18

Benzo(a)anthracene

Concen: 0.272 ng/ul

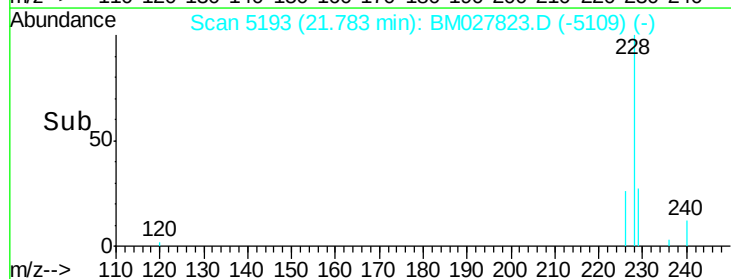
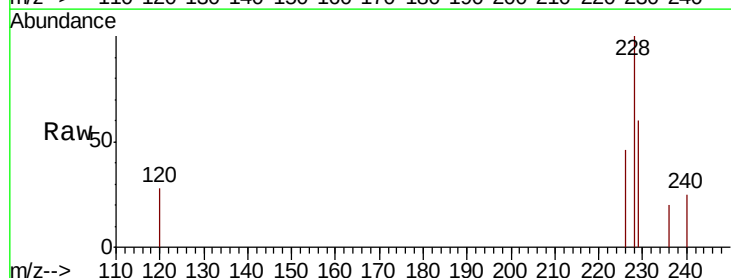
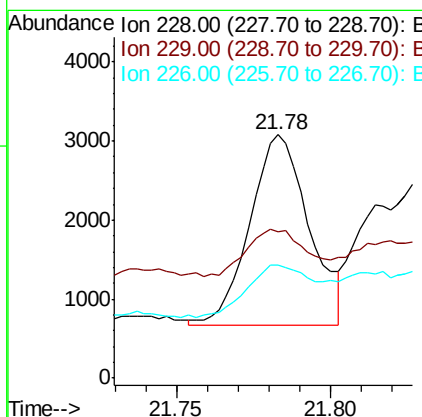
RT: 21.78 min Scan# 5193

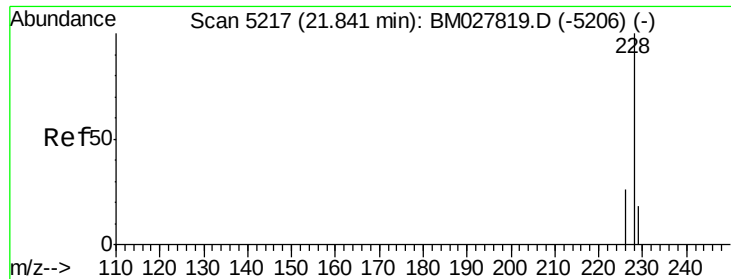
Delta R.T. 0.00 min

Lab File: BM027823.D

Acq: 17 Nov 2020 18:26

Tgt Ion:	228	Resp:	3216
Ion Ratio	Lower	Upper	
228	100		
229	60.3	15.9	23.9#
226	46.3	22.0	33.0#





#19

Chrysene

Concen: 0.439 ng/ul

RT: 21.84 min Scan# 5215

Delta R.T. 0.00 min

Lab File: BM027823.D

Acq: 17 Nov 2020 18:26

Instrument :

BNA_M

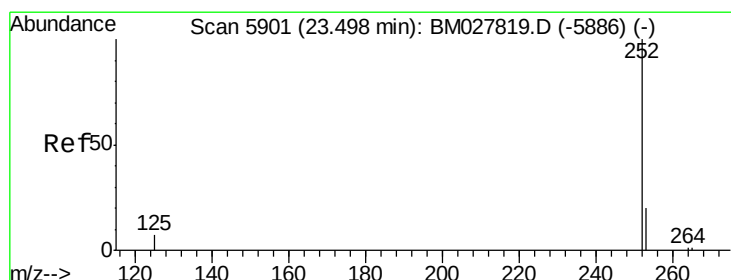
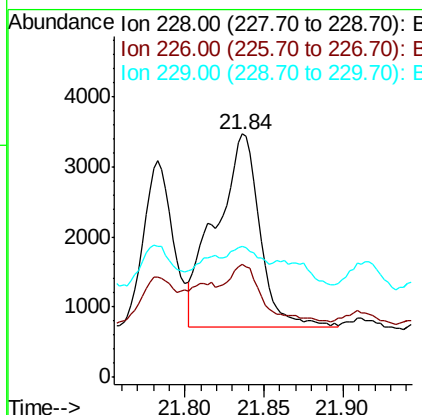
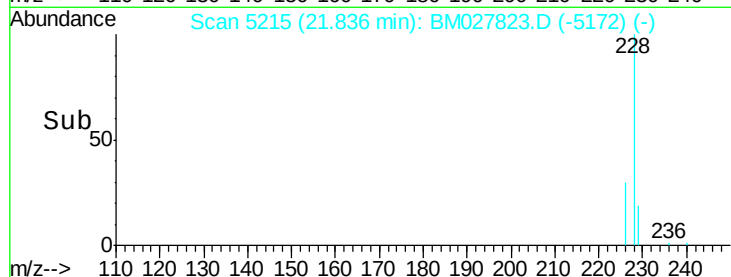
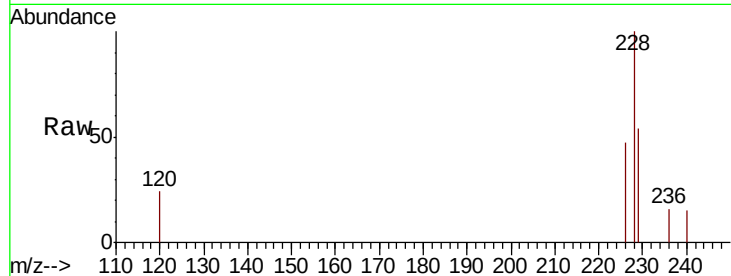
ClientSampleId :

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Tot Ion:	228	Resp:	5283
Ion Ratio	Lower	Upper	
228	100		
226	46.5	24.2	36.2#
229	53.9	16.8	25.2#

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#21

Benzo(b)fluoranthene

Concen: 0.314 ng/ul m

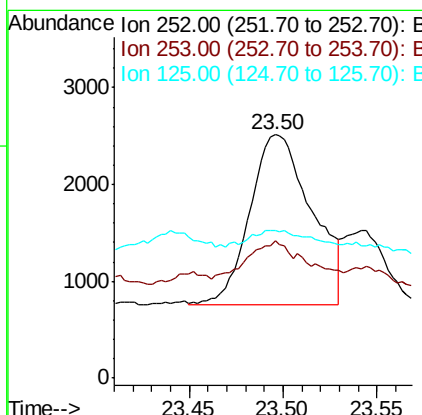
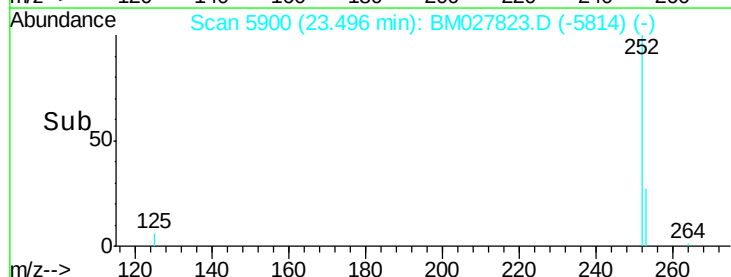
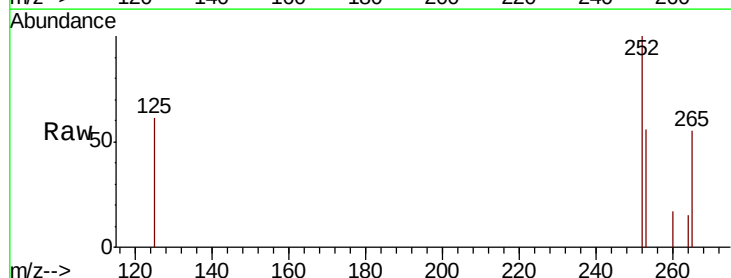
RT: 23.50 min Scan# 5900

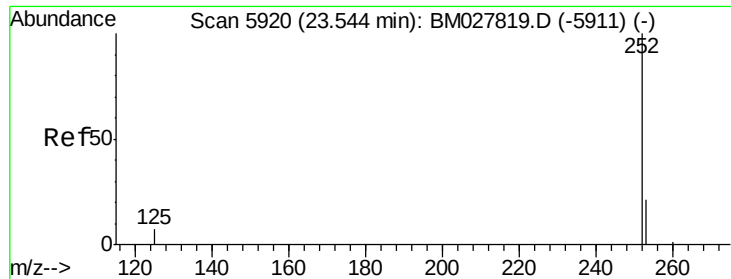
Delta R.T. 0.01 min

Lab File: BM027823.D

Acq: 17 Nov 2020 18:26

Tgt Ion:	252	Resp:	4076
Ion Ratio	Lower	Upper	
252	100		
253	56.2	0.0	52.2#
125	60.6	0.0	17.6#





#22

Benzo(k)fluoranthene

Concen: 0.098 ng/ul m

RT: 23.54 min Scan# 5919

Delta R.T. 0.01 min

Lab File: BM027823.D

Acq: 17 Nov 2020 18:26

Instrument :

BNA_M

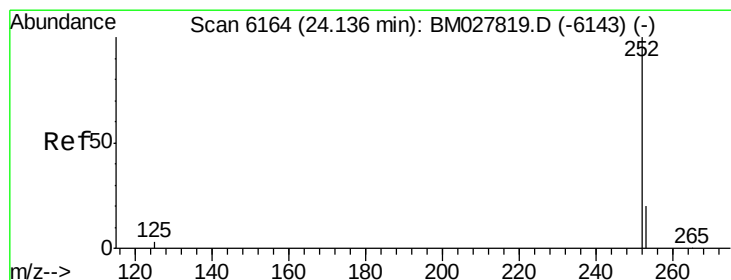
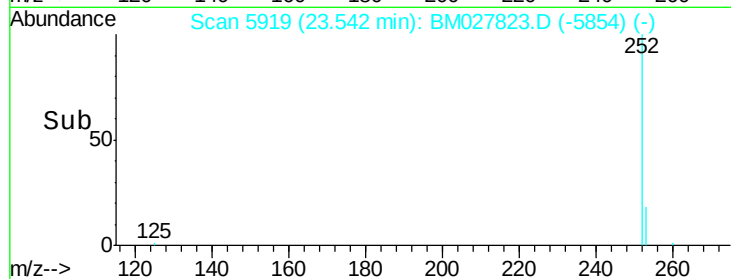
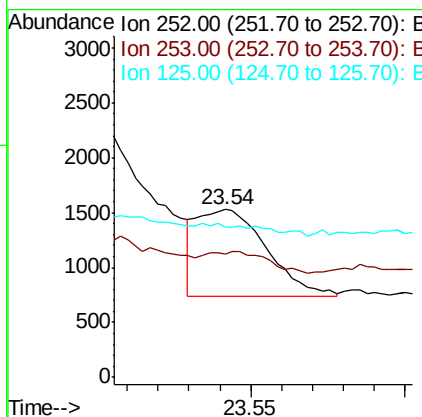
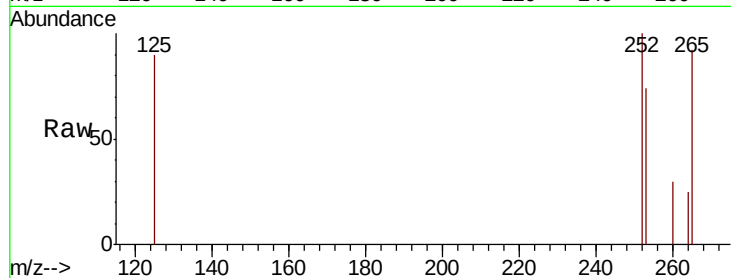
ClientSampleId :

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Tot Ion:	252	Resp:	1249
Ion Ratio	Lower	Upper	
252	100		
253	73.8	20.4	30.6#
125	89.7	7.0	10.4#

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#23

Benzo(a)pyrene

Concen: 0.229 ng/ul

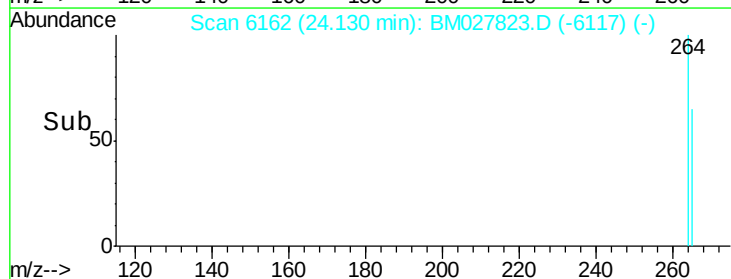
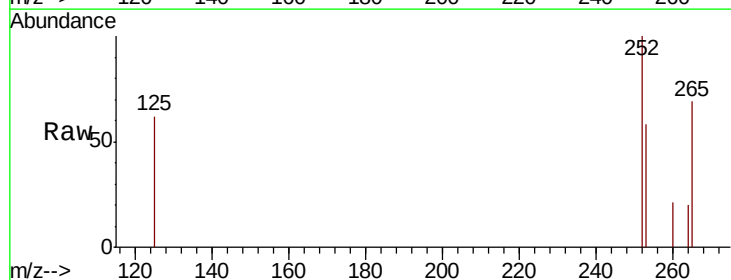
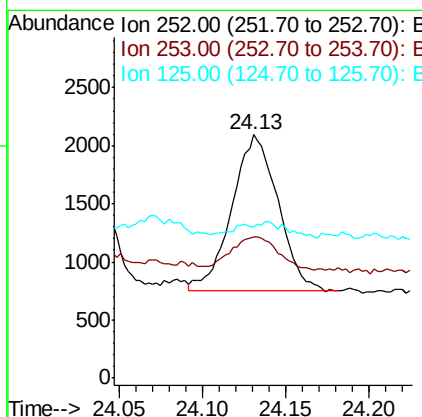
RT: 24.13 min Scan# 6162

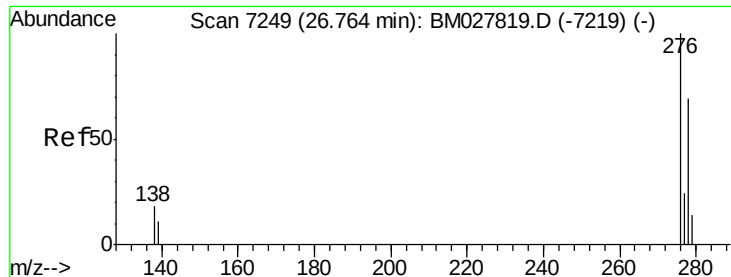
Delta R.T. 0.01 min

Lab File: BM027823.D

Acq: 17 Nov 2020 18:26

Tgt Ion:	252	Resp:	2615
Ion Ratio	Lower	Upper	
252	100		
253	58.0	21.0	31.6#
125	62.4	7.8	11.8#





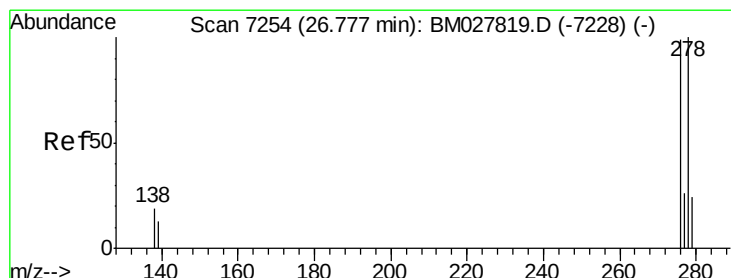
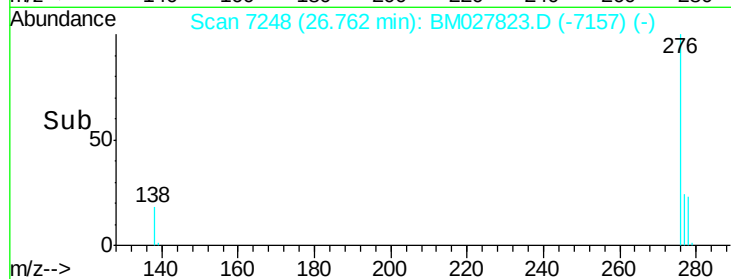
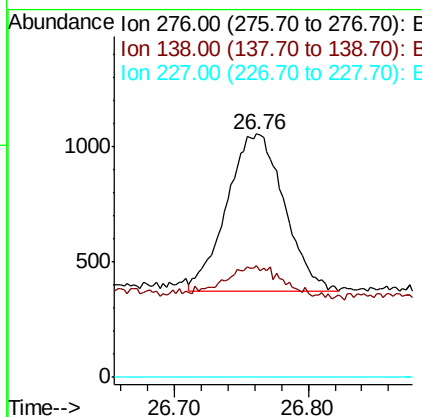
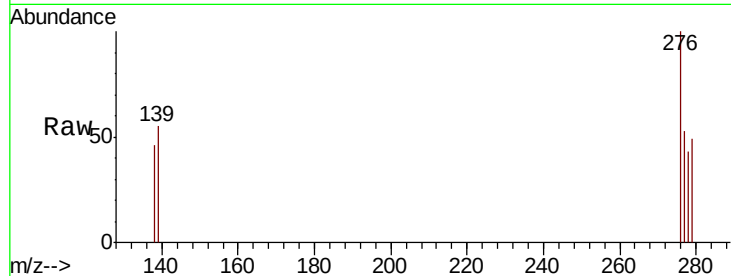
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.155 ng/ul
 RT: 26.76 min Scan# 7248
 Delta R.T. 0.02 min
 Lab File: BM027823.D
 Acq: 17 Nov 2020 18:26

Instrument :
 BNA_M
 ClientSampleID :
 C0AC6DL

Tot Ion:276	Resp:	2020
Ion Ratio	Lower	Upper
276 100		
138 17.4	12.1	18.1
227 0.0	0.0	0.0

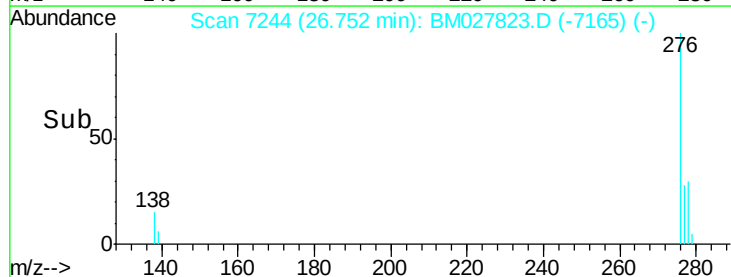
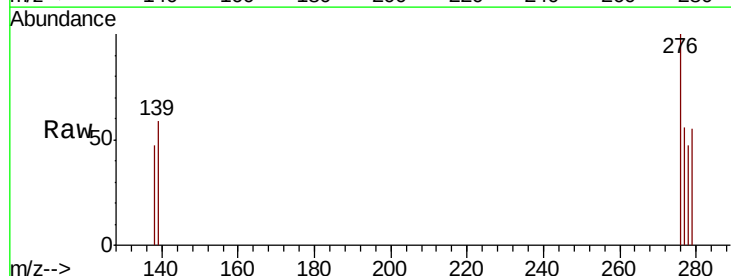
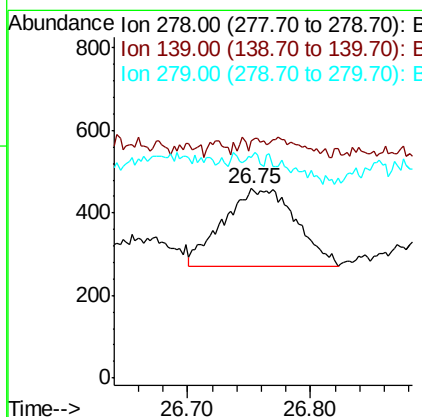
Manual Integrations
 APPROVED

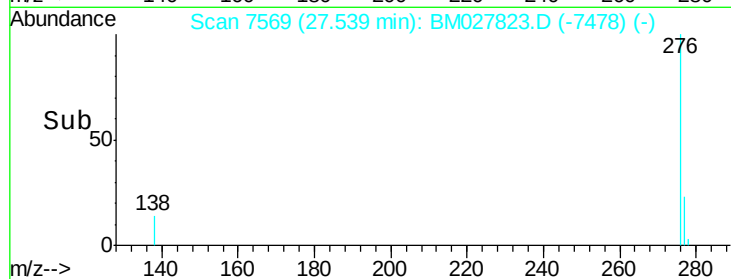
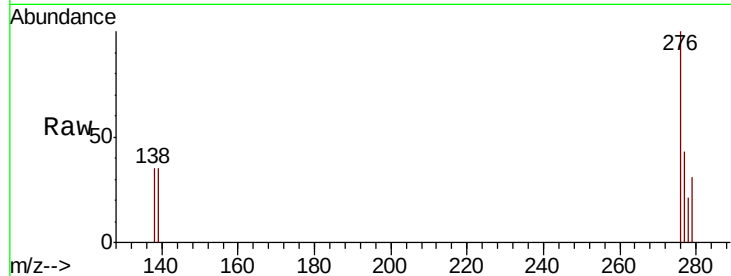
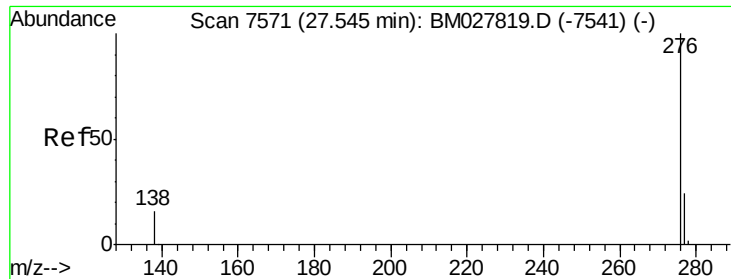
mohammad
 11/19/2020 10:33:23 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.070 ng/ul
 RT: 26.75 min Scan# 7244
 Delta R.T. -0.01 min
 Lab File: BM027823.D
 Acq: 17 Nov 2020 18:26

Tgt Ion:278	Resp:	765
Ion Ratio	Lower	Upper
278 100		
139 125.5	10.2	15.4#
279 116.3	21.9	32.9#





#26

Benzo(a,h,i)perylene

Concen: 0.338 ng/ul

RT: 27.54 min Scan# 7569

Delta R.T. 0.02 min

Lab File: BM027823.D

Acq: 17 Nov 2020 18:26

Instrument :

BNA_M

ClientSampleId :

C0AC6DL

Tot Ion:	276	Resp:	3723
Ion Ratio	Lower	Upper	
276	100		
138	34.6	12.8	19.2#
277	43.0	21.5	32.3#

Manual Integrations
APPROVED

mohammad
11/19/2020 10:33:23 AM

