

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027924.D
 Acq On : 23 Nov 2020 21:38
 Operator : JU/CG
 Sample : L4711-05DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BF2DL

Manual Integrations
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Quant Time: Nov 24 01:14:39 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 00:42:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1370	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	5464	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	3228	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5681	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	3436	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	3560	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1140	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1752	0.12	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.21	128	1562	0.095	ng/ul#	94
5) 2-Methylnaphthalene	12.80	142	724	0.065	ng/ul	99
7) Acenaphthylene	14.67	152	2576	0.164	ng/ul#	94
8) Acenaphthene	15.00	153	8406	0.712	ng/ul	99
9) Fluorene	15.98	166	11351	0.829	ng/ul	98
11) Pentachlorophenol	17.31	266	43	0.022	ng/ul	99
12) Phenanthrene	17.70	178	327371	18.242	ng/ul	97
13) Anthracene	17.79	178	72860	4.209	ng/ul	98
15) Fluoranthene	19.68	202	827139	41.569	ng/ul	100
17) Pyrene	20.04	202	660435	37.847	ng/ul	97
18) Benzo(a)anthracene	21.75	228	316311	22.816	ng/ul	100
19) Chrysene	21.80	228	335775	24.866	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	384458m	25.697	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	144777m	9.881	ng/ul	
23) Benzo(a)pyrene	24.08	252	260357	19.903	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.69	276	180620	12.753	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.69	278	45657m	3.871	ng/ul	
26) Benzo(g,h,i)perylene	27.46	276	174766	14.707	ng/ul	92

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

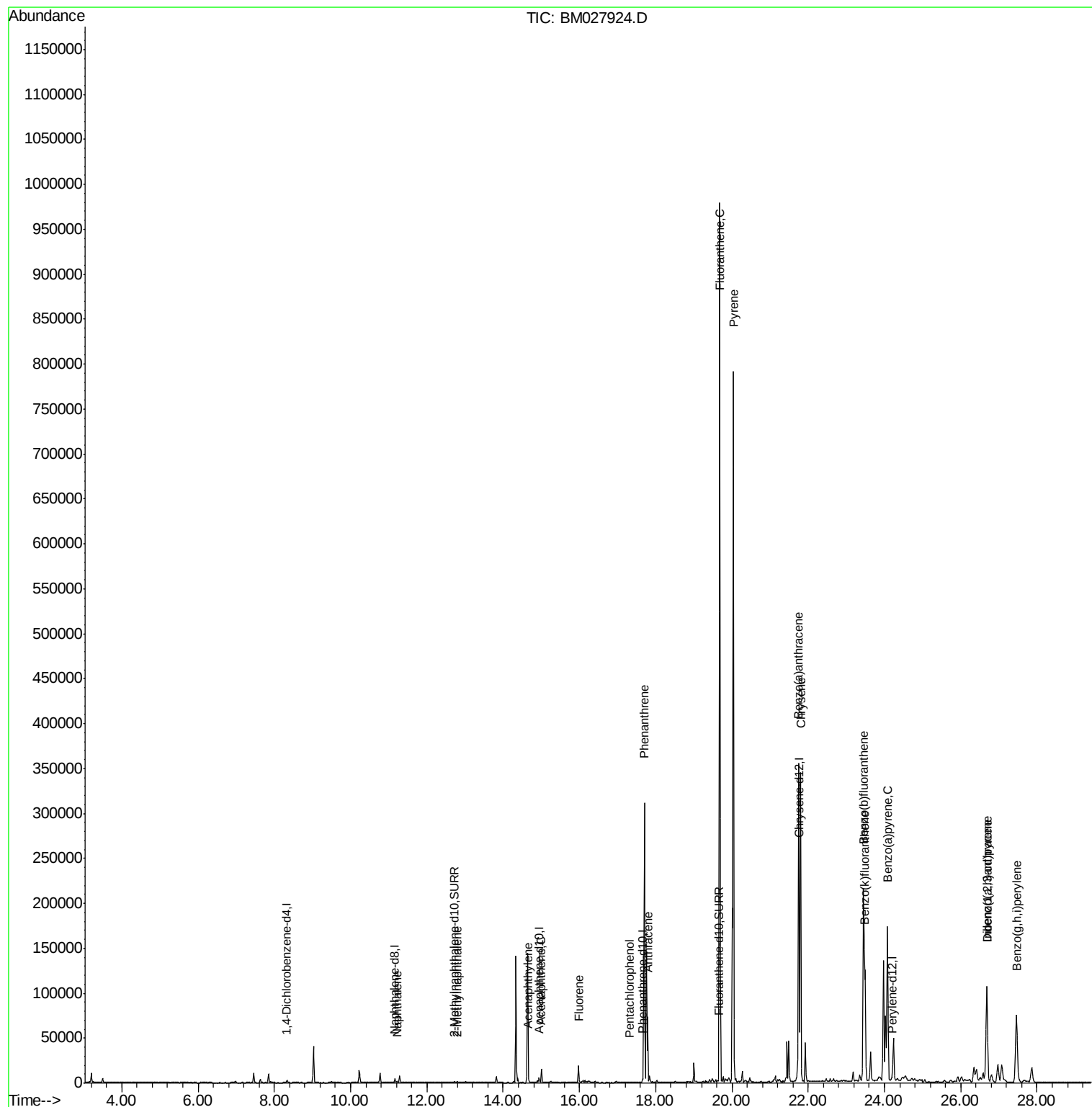
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
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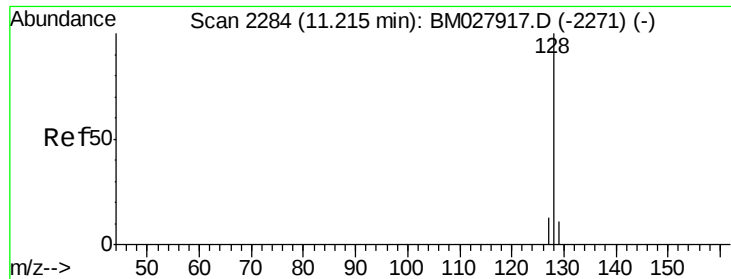
Instrument :
BNA_M
ClientSampleId :
C0BF2DL

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Quant Time: Nov 24 01:14:39 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 00:42:23 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.095 ng/ul

RT: 11.21 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BM027924.D

Acq: 23 Nov 2020 21:38

Instrument :

BNA_M

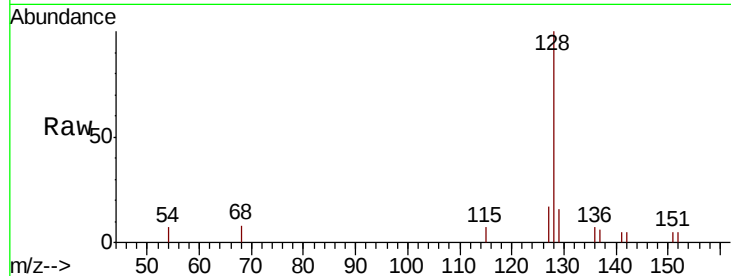
ClientSampleId :

C0BF2DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.9	10.4	15.6#
127	16.7	12.0	18.0

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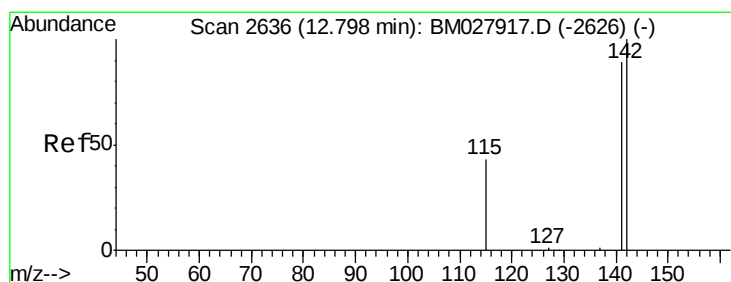
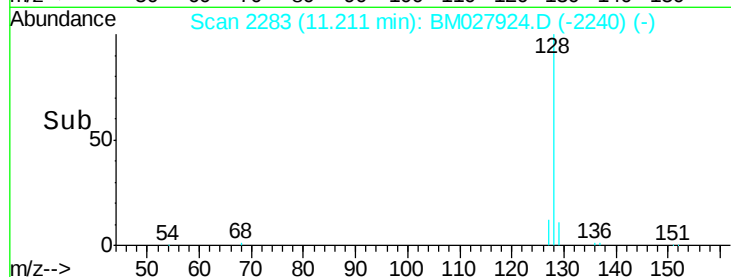
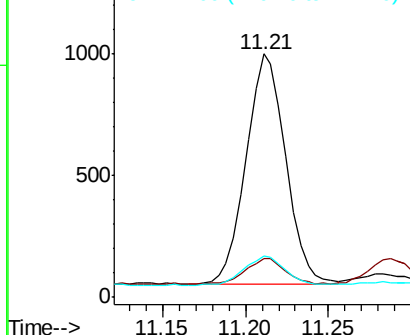


Abundance

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: 0.065 ng/ul

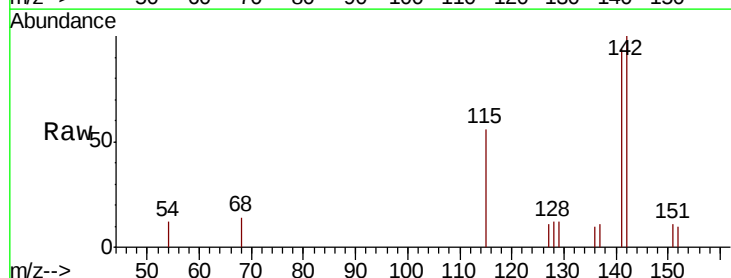
RT: 12.80 min Scan# 2636

Delta R.T. -0.00 min

Lab File: BM027924.D

Acq: 23 Nov 2020 21:38

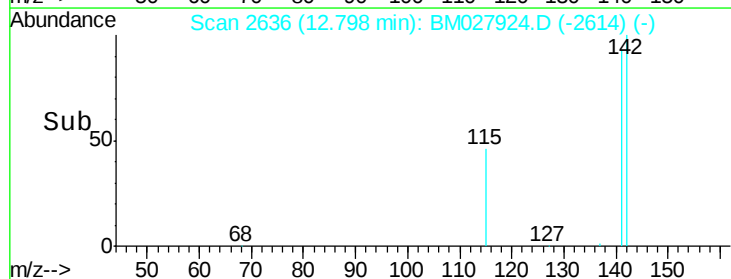
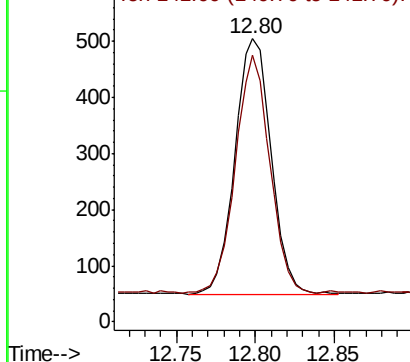
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.6	107.4

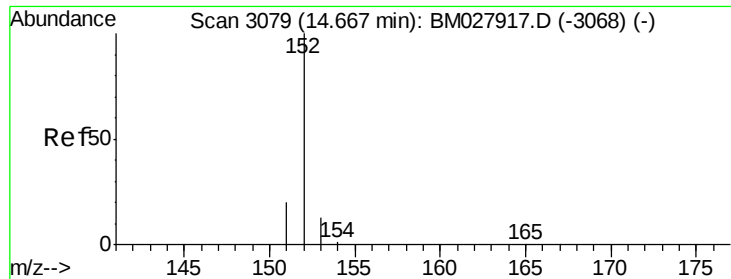


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.164 ng/ul

RT: 14.67 min Scan# 3080

Delta R.T. -0.00 min

Lab File: BM027924.D

Acq: 23 Nov 2020 21:38

Instrument :

BNA_M

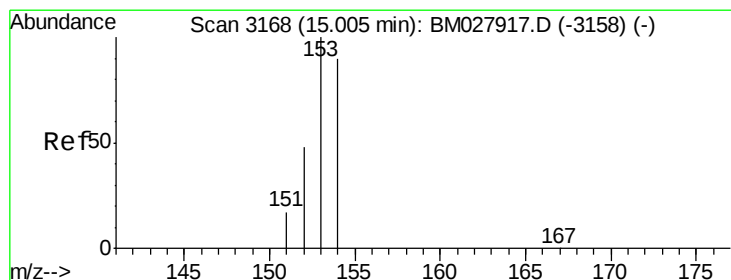
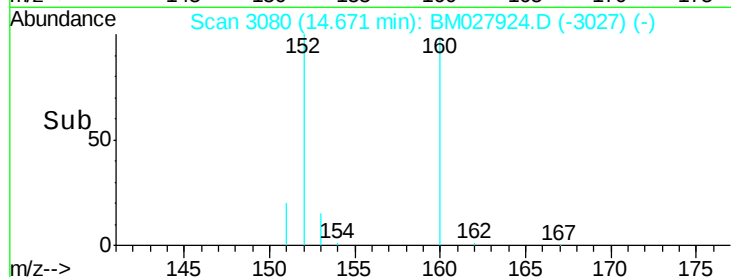
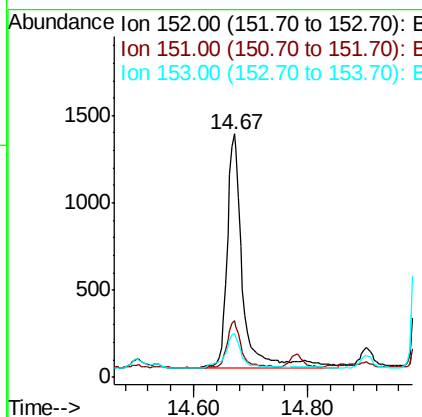
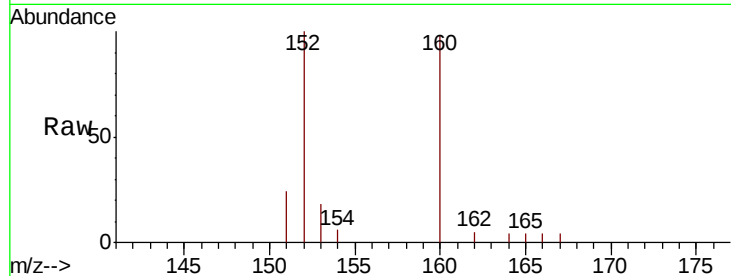
ClientSampleId :

C0BF2DL

Tot Ion:	152	Resp:	2576
Ion Ratio	Lower	Upper	
152	100		
151	23.5	17.1	25.7
153	18.1	12.0	18.0

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#8

Acenaphthene

Concen: 0.712 ng/ul

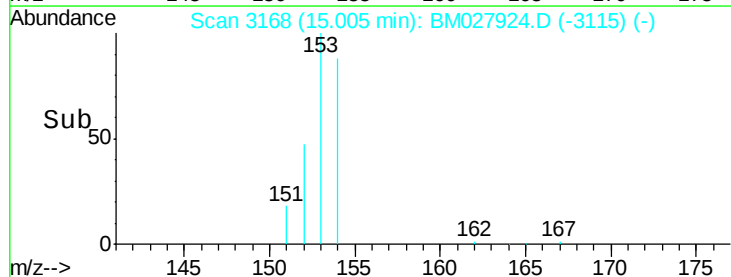
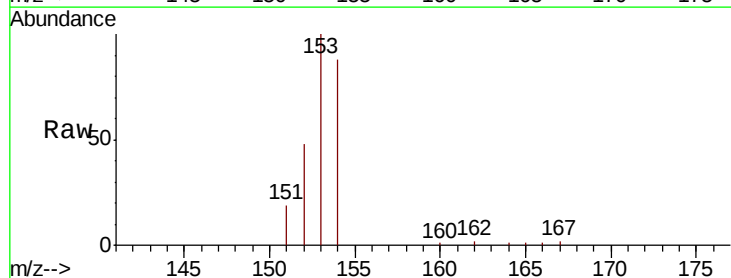
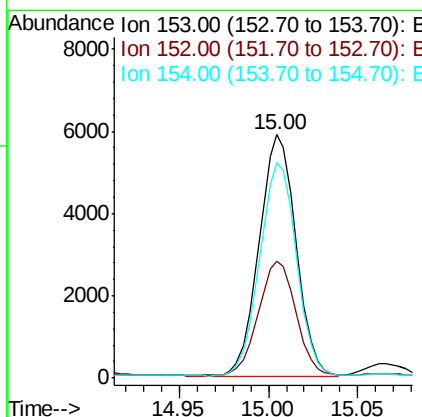
RT: 15.00 min Scan# 3168

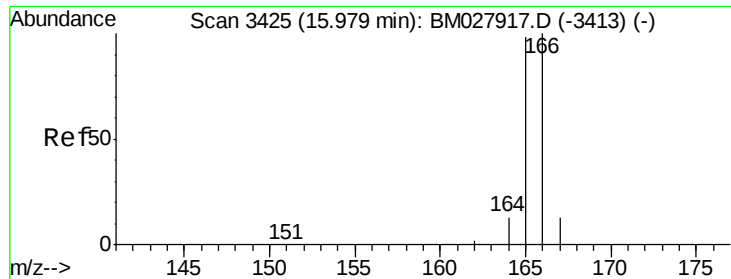
Delta R.T. -0.00 min

Lab File: BM027924.D

Acq: 23 Nov 2020 21:38

Tgt Ion:	153	Resp:	8406
Ion Ratio	Lower	Upper	
153	100		
152	48.0	39.0	58.6
154	88.5	71.6	107.4





#9

Fluorene

Concen: 0.829 ng/ul

RT: 15.98 min Scan# 3425

Delta R.T. -0.00 min

Lab File: BM027924.D

Acq: 23 Nov 2020 21:38

Instrument :

BNA_M

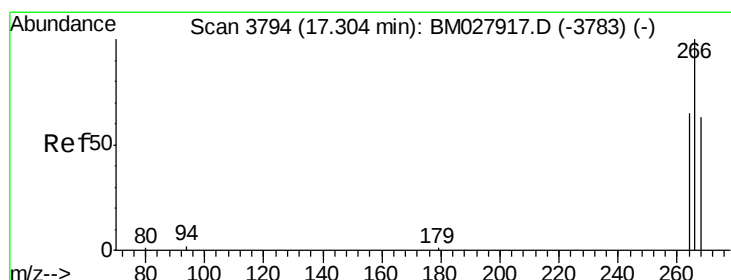
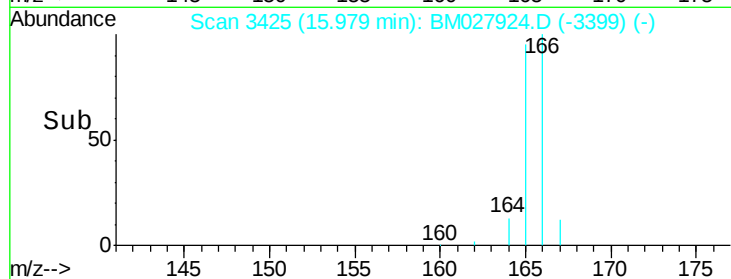
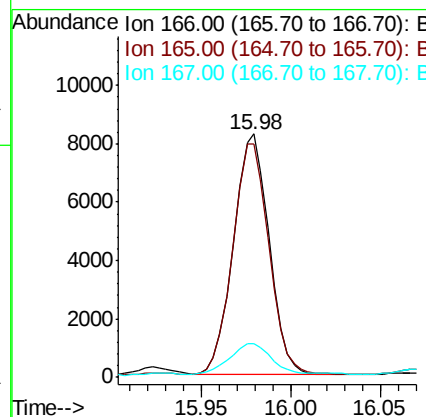
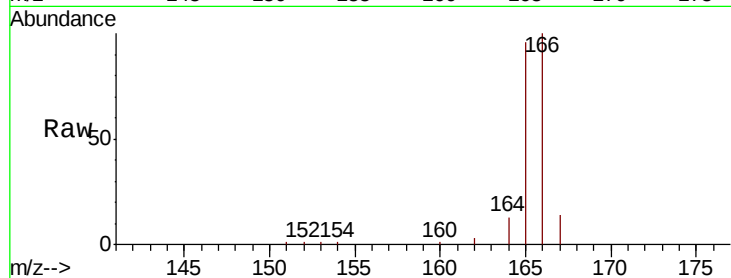
ClientSampleId :

C0BF2DL

Tot Ion:	166	Resp:	11351
Ion Ratio	Lower	Upper	
166	100		
165	96.1	78.1	117.1
167	13.9	11.8	17.8

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#11

Pentachlorophenol

Concen: 0.022 ng/ul

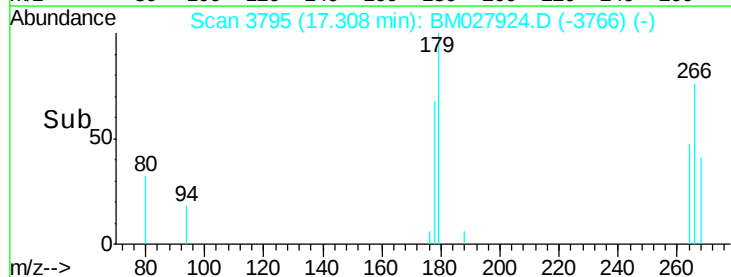
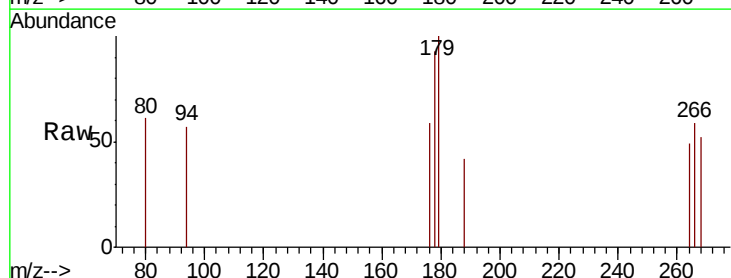
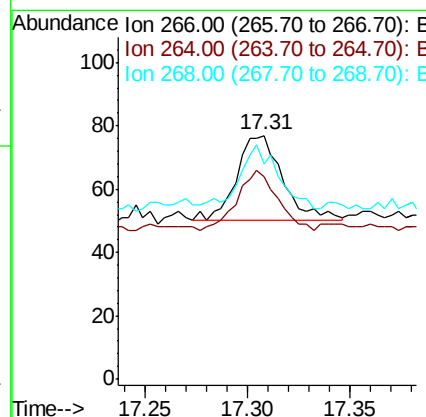
RT: 17.31 min Scan# 3795

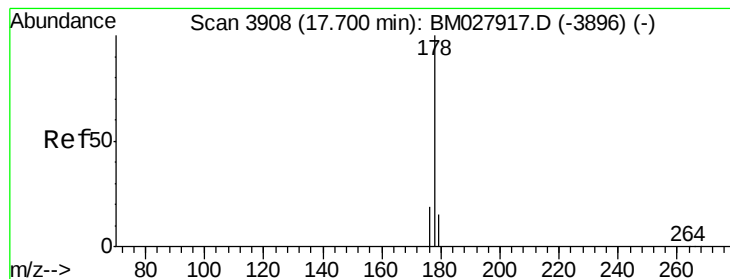
Delta R.T. -0.00 min

Lab File: BM027924.D

Acq: 23 Nov 2020 21:38

Tgt Ion:	266	Resp:	43
Ion Ratio	Lower	Upper	
266	100		
264	60.5	49.6	74.4
268	65.1	52.1	78.1





#12

Phenanthrene

Concen: 18.242 ng/ul

RT: 17.70 min Scan# 3909

Delta R.T. 0.00 min

Lab File: BM027924.D

Acq: 23 Nov 2020 21:38

Instrument :

BNA_M

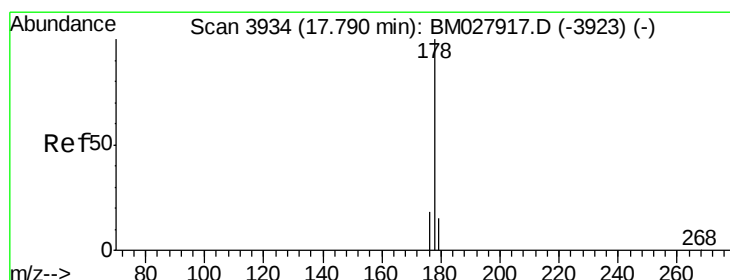
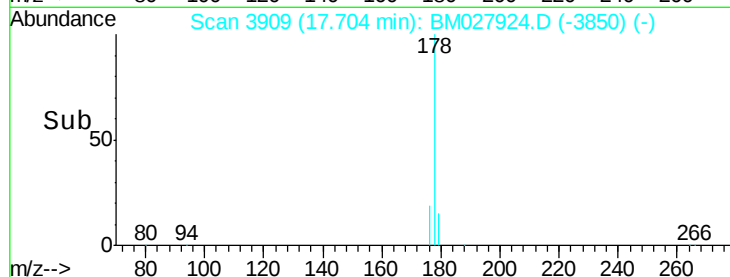
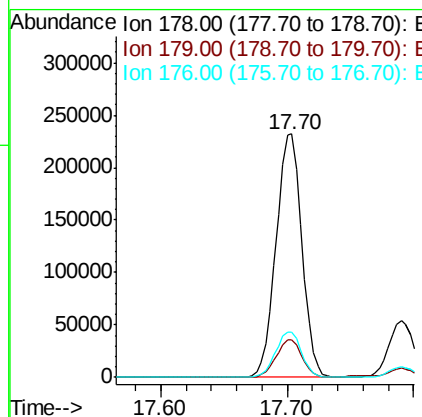
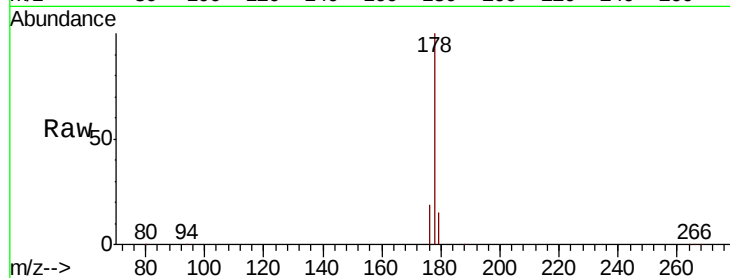
ClientSampleId :

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Tot Ion:	178	Resp:	327371
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.6	20.4
176	18.7	16.1	24.1

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#13

Anthracene

Concen: 4.209 ng/ul

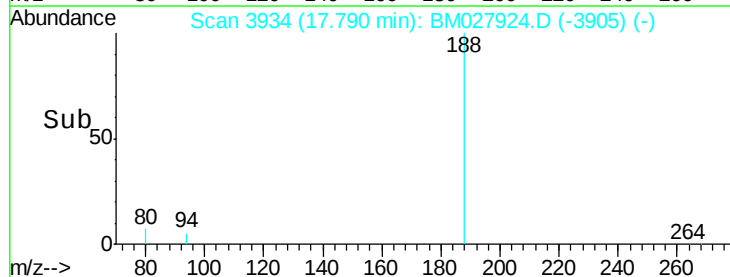
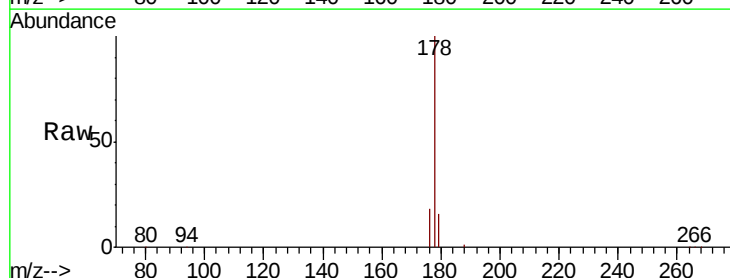
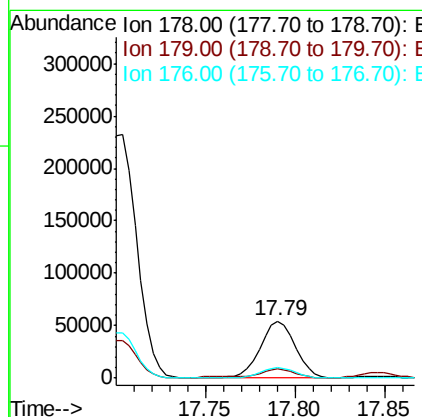
RT: 17.79 min Scan# 3934

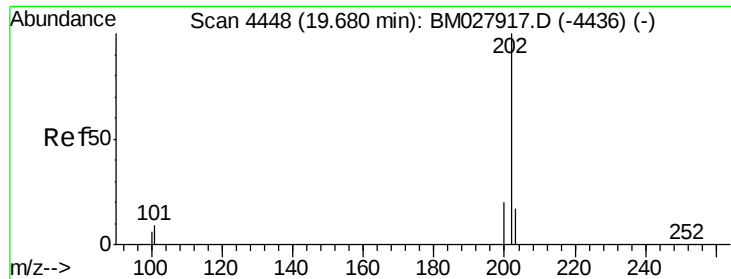
Delta R.T. -0.00 min

Lab File: BM027924.D

Acq: 23 Nov 2020 21:38

Tgt Ion:	178	Resp:	72860
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.4	20.2
176	18.2	15.0	22.6





#15

Fluoranthene

Concen: 41.569 ng/ul

RT: 19.68 min Scan# 4449

Delta R.T. 0.00 min

Lab File: BM027924.D

Acq: 23 Nov 2020 21:38

Instrument :

BNA_M

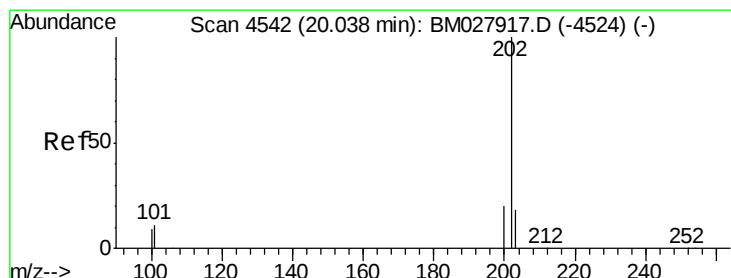
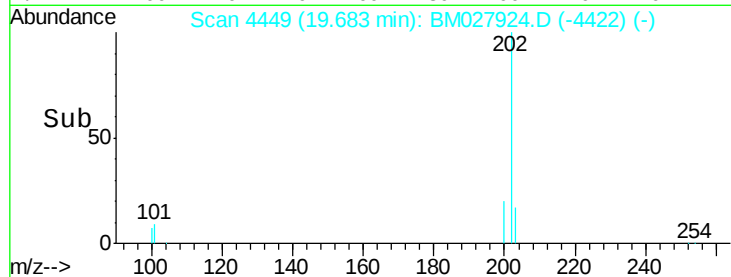
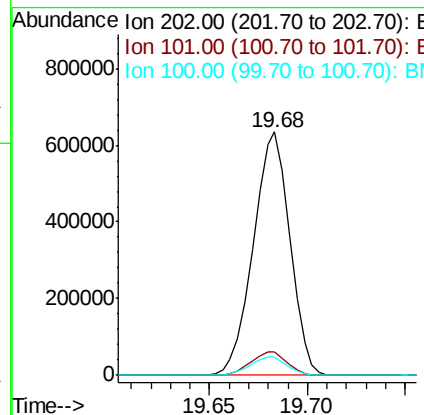
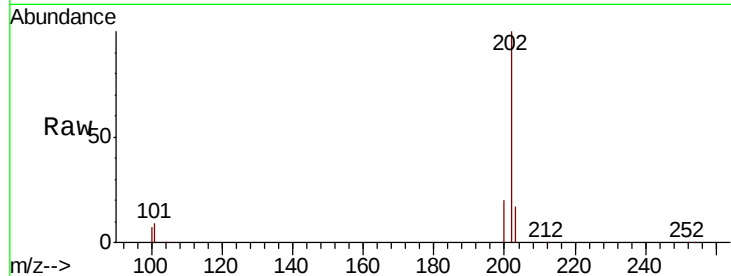
ClientSampleId :

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Tot Ion:	202	Resp:	827139
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	29.3
100	7.3	0.0	27.4

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#17

Pyrene

Concen: 37.847 ng/ul

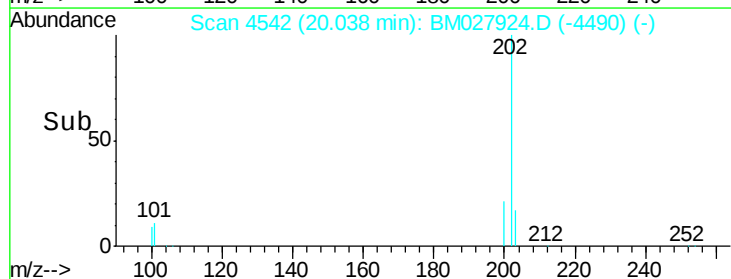
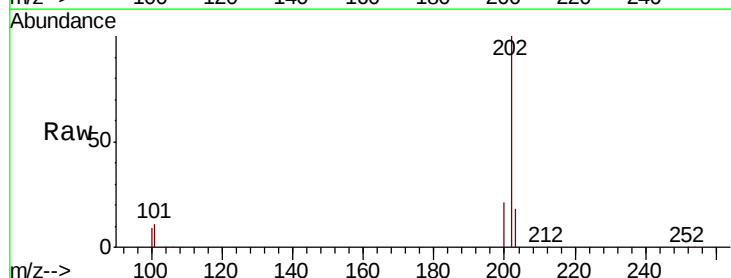
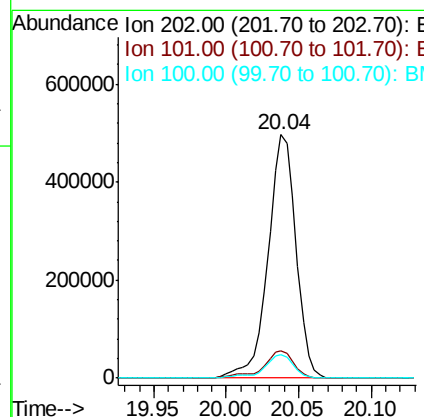
RT: 20.04 min Scan# 4542

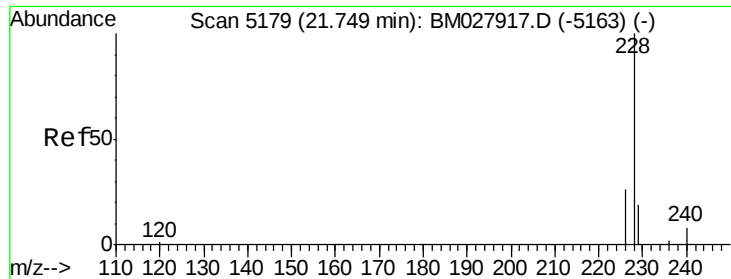
Delta R.T. -0.00 min

Lab File: BM027924.D

Acq: 23 Nov 2020 21:38

Tgt Ion:	202	Resp:	660435
Ion Ratio	Lower	Upper	
202	100		
101	11.3	8.2	12.2
100	9.5	6.9	10.3





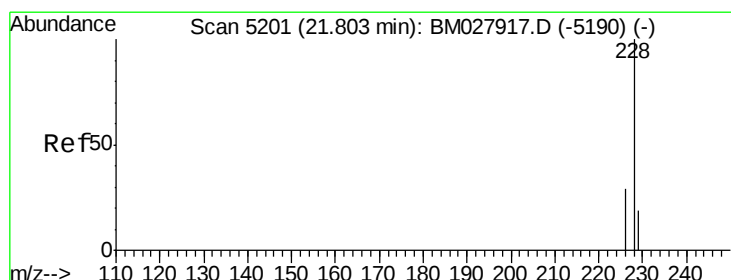
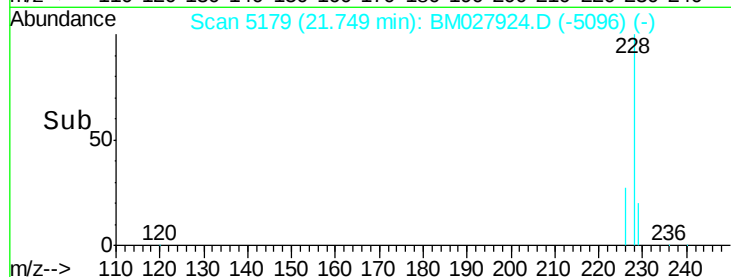
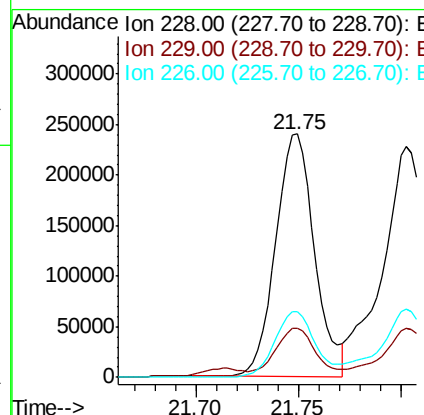
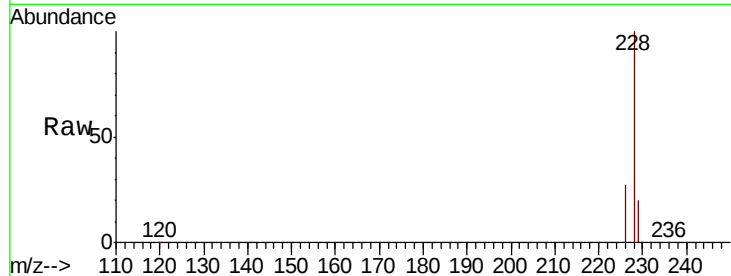
#18
Benzo(a)anthracene
Concen: 22.816 ng/ul
RT: 21.75 min Scan# 5179
Delta R.T. -0.00 min
Lab File: BM027924.D
Acq: 23 Nov 2020 21:38

Instrument :
BNA_M
ClientSampleId :
C0BF2DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.2	24.4
226	26.8	21.5	32.3

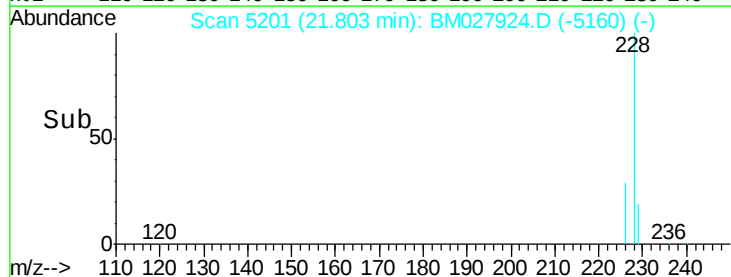
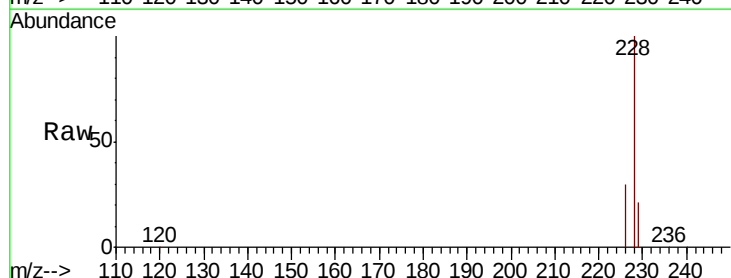
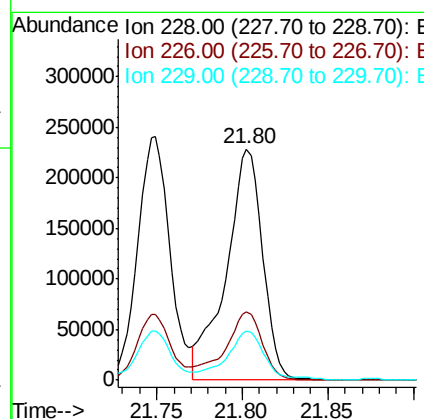
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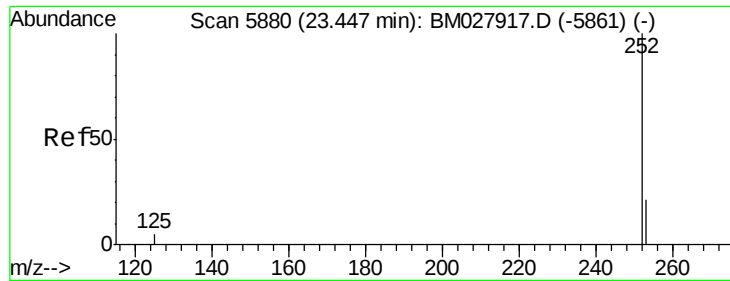
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#19
Chrysene
Concen: 24.866 ng/ul
RT: 21.80 min Scan# 5201
Delta R.T. -0.00 min
Lab File: BM027924.D
Acq: 23 Nov 2020 21:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	21.3	16.6	24.8





#21

Benzo(b)fluoranthene

Concen: 25.697 ng/ul m

RT: 23.45 min Scan# 5882

Delta R.T. 0.00 min

Lab File: BM027924.D

Acq: 23 Nov 2020 21:38

Instrument :

BNA_M

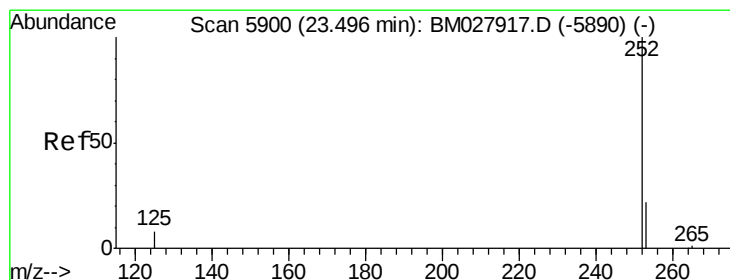
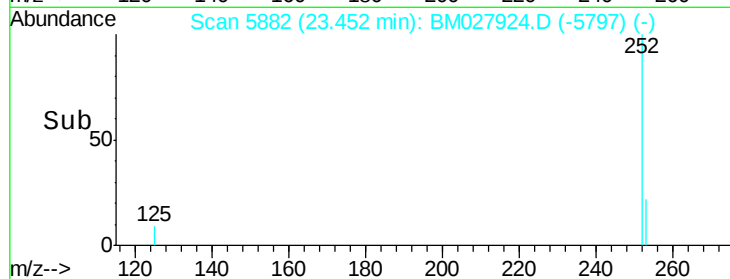
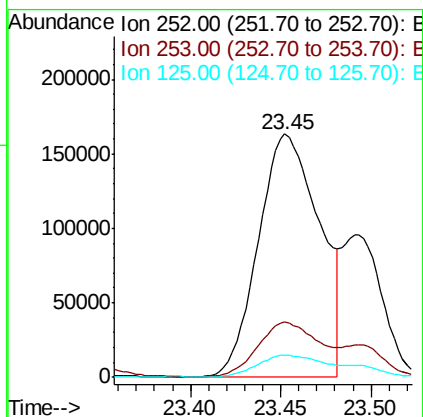
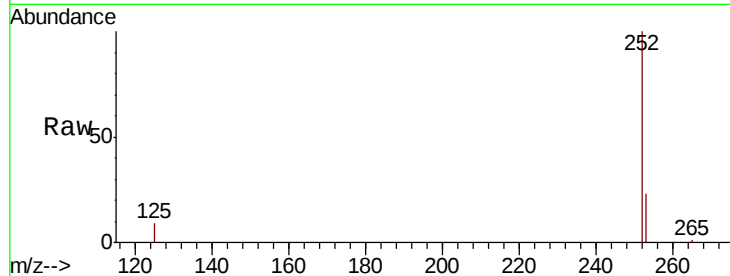
ClientSampleId :

C0BF2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	59.6
125	9.0	0.0	28.4

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#22

Benzo(k)fluoranthene

Concen: 9.881 ng/ul m

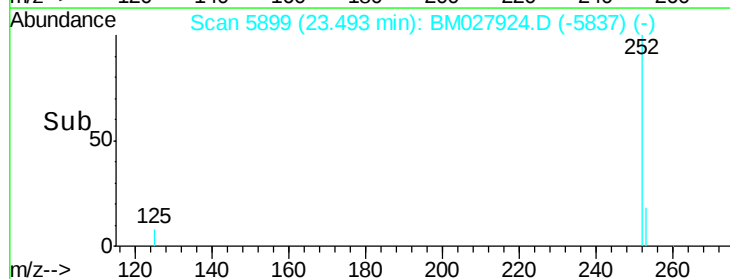
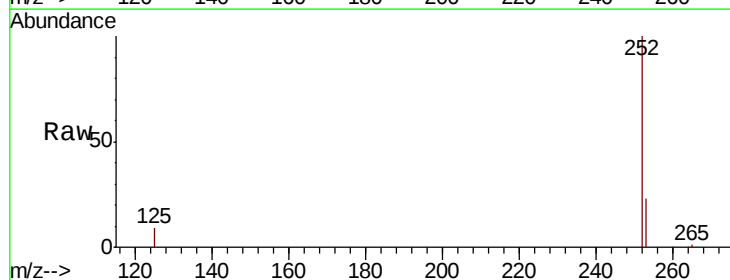
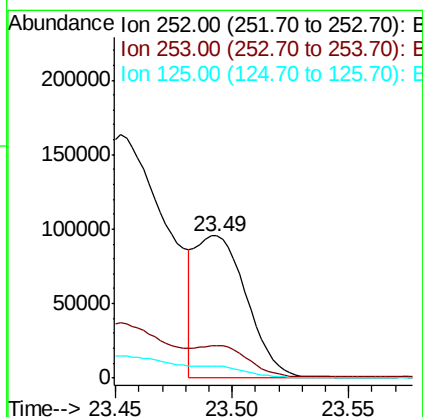
RT: 23.49 min Scan# 5899

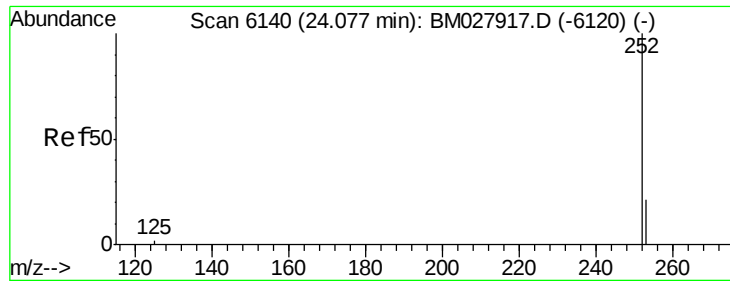
Delta R.T. -0.00 min

Lab File: BM027924.D

Acq: 23 Nov 2020 21:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	23.2	34.8#
125	8.6	11.8	17.6#





#23

Benzo(a)pyrene

Concen: 19.903 ng/u1

RT: 24.08 min Scan# 6142

Delta R.T. 0.01 min

Lab File: BM027924.D

Acq: 23 Nov 2020 21:38

Instrument :

BNA_M

ClientSampleId :

C0BF2DL

Tot Ion:252 Resp: 260357
Ion Ratio Lower Upper

252 100

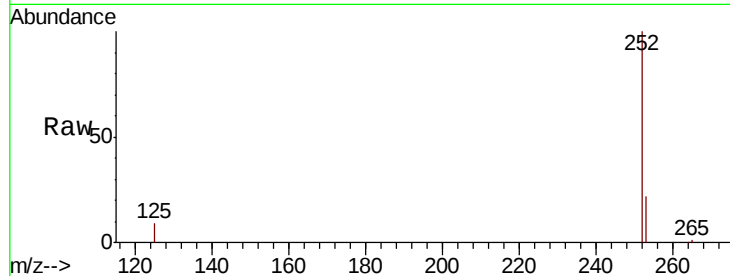
253 22.2 25.2 37.8#

125 9.2 13.8 20.6#

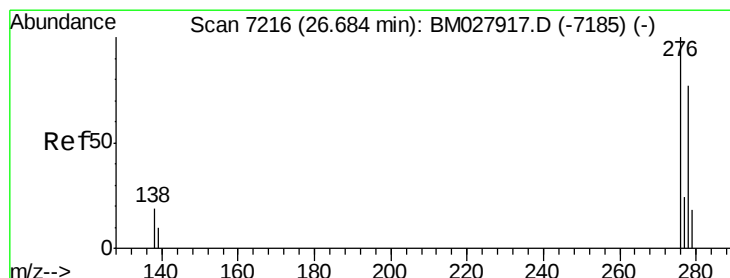
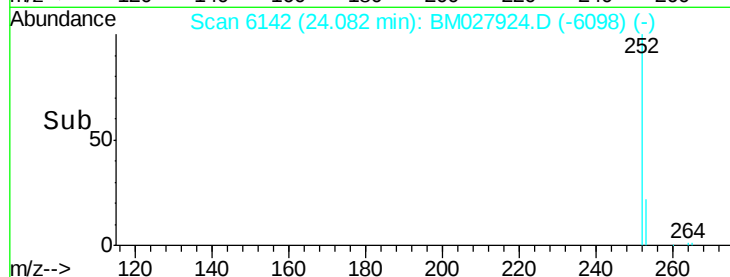
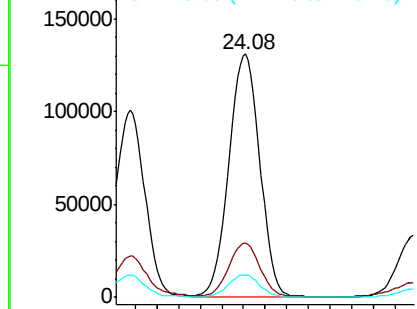
Manual Integrations
APPROVED

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11/25/2020 12:44:57 PM



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: 12.753 ng/u1

RT: 26.69 min Scan# 7217

Delta R.T. 0.00 min

Lab File: BM027924.D

Acq: 23 Nov 2020 21:38

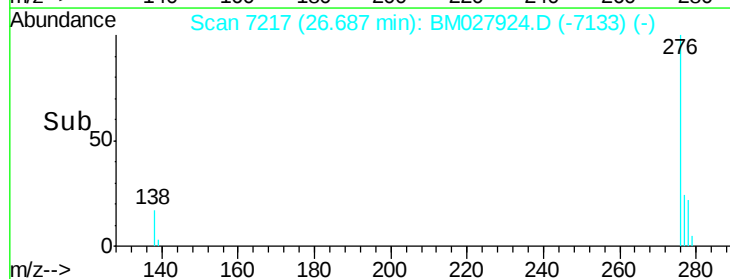
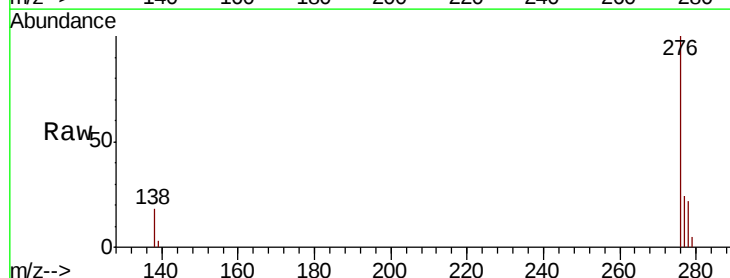
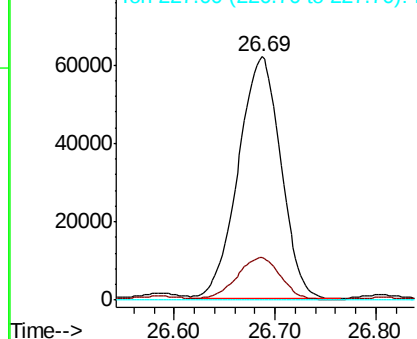
Tgt Ion:276 Resp: 180620
Ion Ratio Lower Upper

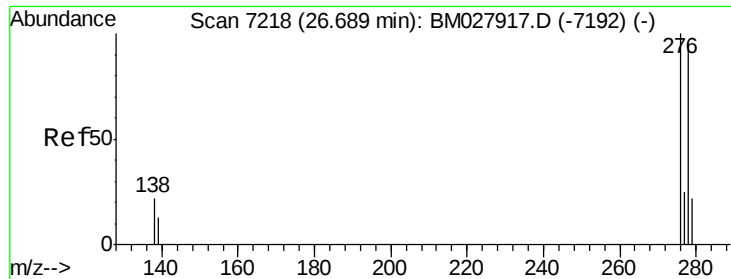
276 100

138 17.7 15.7 23.5

227 0.0 0.0 0.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





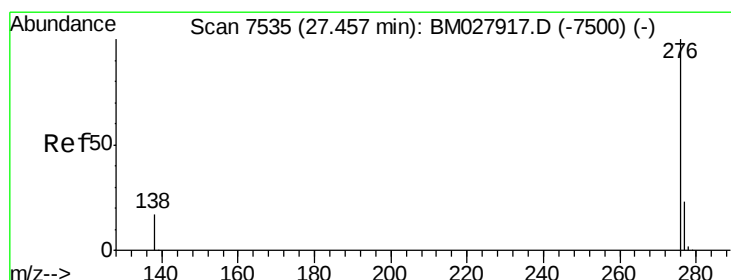
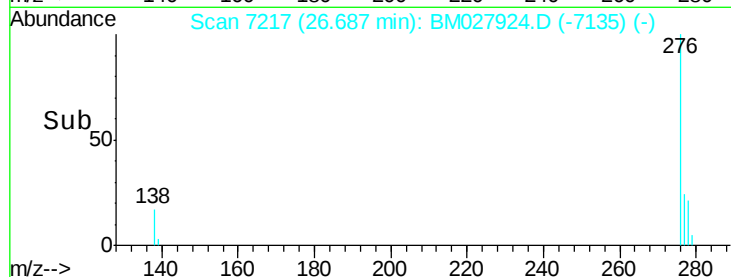
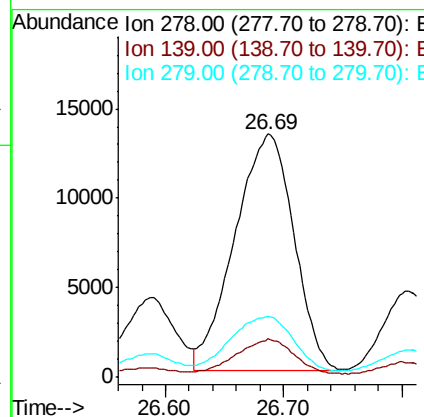
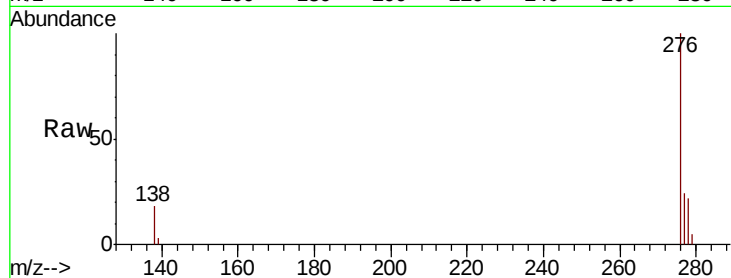
#25
Dibenzo(a,h)anthracene
Concen: 3.871 ng/ul m
RT: 26.69 min Scan# 7217
Delta R.T. -0.00 min
Lab File: BM027924.D
Acq: 23 Nov 2020 21:38

Instrument :
BNA_M
ClientSampleId :
C0BF2DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	14.8	22.2
279	24.9	25.8	38.6

Manual Integrations
APPROVED

mohammad
11/25/2020 12:44:57 PM



#26
Benzo(g,h,i)perylene
Concen: 14.707 ng/ul
RT: 27.46 min Scan# 7537
Delta R.T. 0.01 min
Lab File: BM027924.D
Acq: 23 Nov 2020 21:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	17.4	26.2
277	24.2	22.5	33.7

