

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027926.D
 Acq On : 23 Nov 2020 22:51
 Operator : JU/CG
 Sample : L4711-04DL 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ8DL

Manual Integrations
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Quant Time: Nov 24 01:22:16 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	5306	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2987	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5007	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2790	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2592	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1147	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1499	0.11	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.21	128	444	0.028	ng/ul#	69
5) 2-Methylnaphthalene	12.80	142	307	0.028	ng/ul	99
7) Acenaphthylene	14.67	152	1190	0.082	ng/ul#	88
8) Acenaphthene	15.01	153	284	0.026	ng/ul#	89
9) Fluorene	15.98	166	392	0.031	ng/ul#	92
12) Phenanthrene	17.70	178	8731	0.552	ng/ul	99
13) Anthracene	17.79	178	2003	0.131	ng/ul	95
15) Fluoranthene	19.68	202	18629	1.062	ng/ul	98
17) Pyrene	20.03	202	15833	1.117	ng/ul	96
18) Benzo(a)anthracene	21.74	228	7409	0.658	ng/ul	97
19) Chrysene	21.80	228	8519	0.777	ng/ul	97
21) Benzo(b)fluoranthene	23.44	252	9562m	0.878	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	3687m	0.346	ng/ul	
23) Benzo(a)pyrene	24.07	252	6523	0.685	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	26.67	276	4532	0.439	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.67	278	1230	0.143	ng/ul#	44
26) Benzo(a,h,i)perylene	27.45	276	4438	0.513	ng/ul	97

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

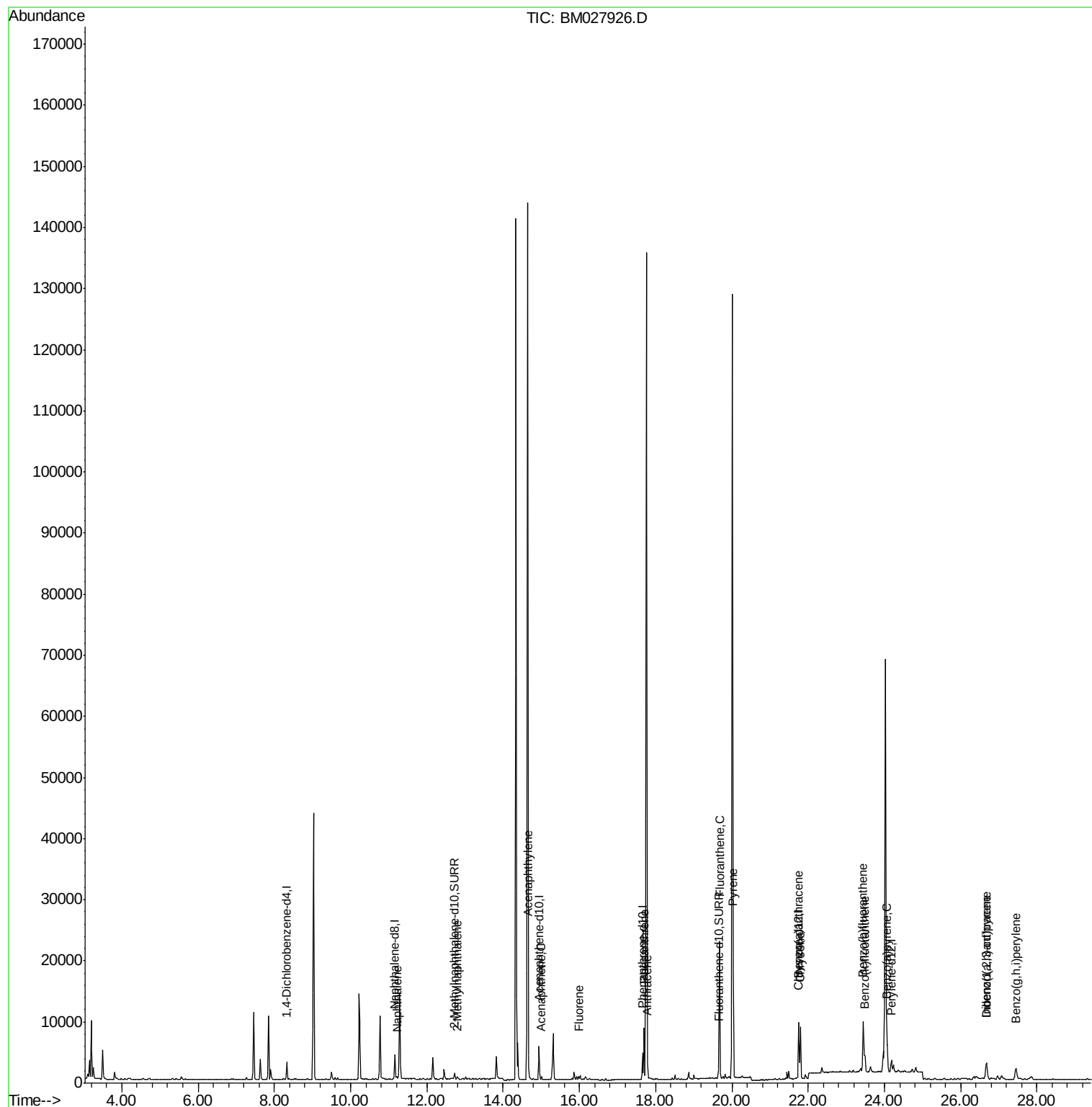
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027926.D
Acq On : 23 Nov 2020 22:51
Operator : JU/CG
Sample : L4711-04DL 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

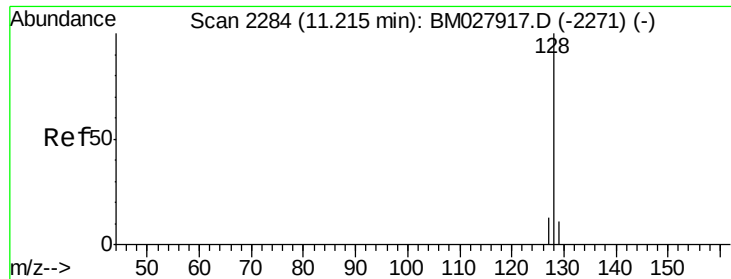
Instrument :
BNA_M
ClientSampleId :
C0AZ8DL

Manual Integrations
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Quant Time: Nov 24 01:22:16 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: 0.028 ng/ul

RT: 11.21 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BM027926.D

Acq: 23 Nov 2020 22:51

Instrument :

BNA_M

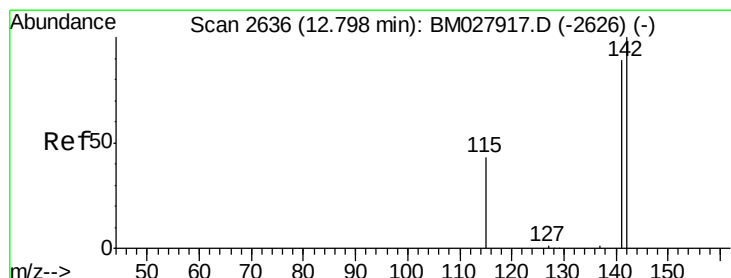
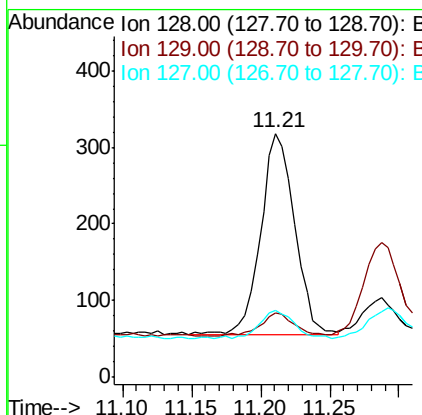
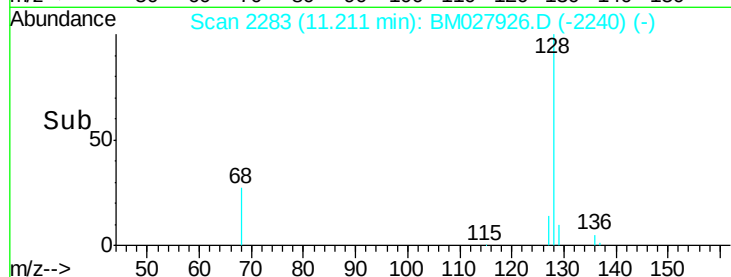
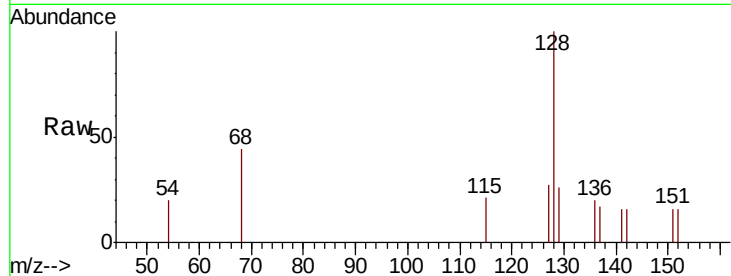
ClientSampleId :

C0AZ8DL

Tot Ion:128	Resp:	444
Ion Ratio	Lower	Upper
128	100	
129	26.1	10.4 15.6#
127	27.4	12.0 18.0#

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#5

2-Methylnaphthalene

Concen: 0.028 ng/ul

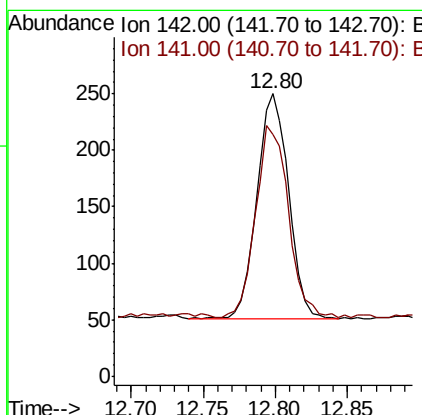
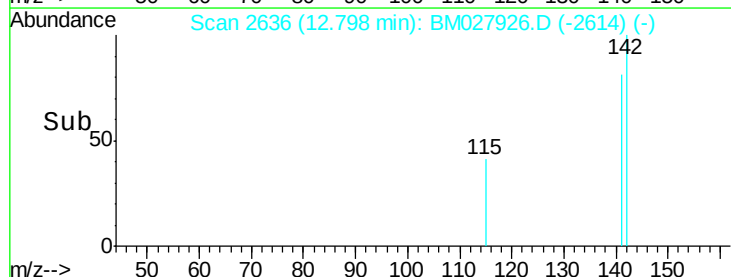
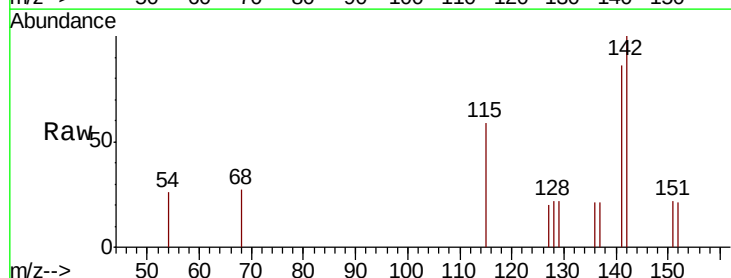
RT: 12.80 min Scan# 2636

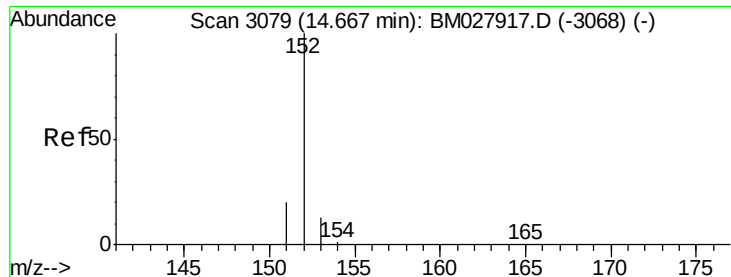
Delta R.T. -0.00 min

Lab File: BM027926.D

Acq: 23 Nov 2020 22:51

Tgt Ion:142	Resp:	307
Ion Ratio	Lower	Upper
142	100	
141	88.3	71.6 107.4





#7

Acenaphthylene

Concen: 0.082 ng/ul

RT: 14.67 min Scan# 3079

Delta R.T. -0.00 min

Lab File: BM027926.D

Acq: 23 Nov 2020 22:51

Instrument :

BNA_M

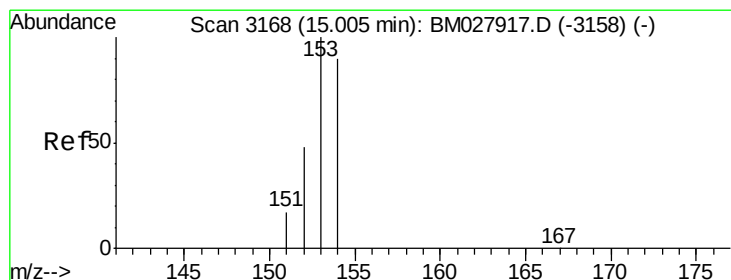
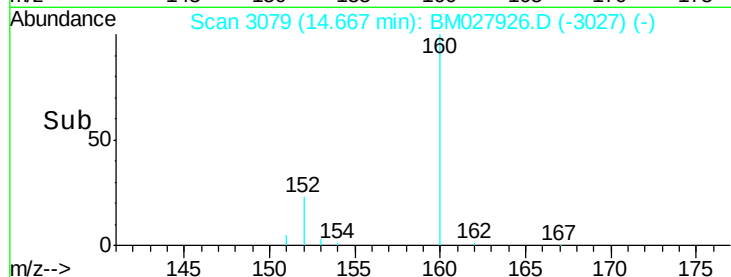
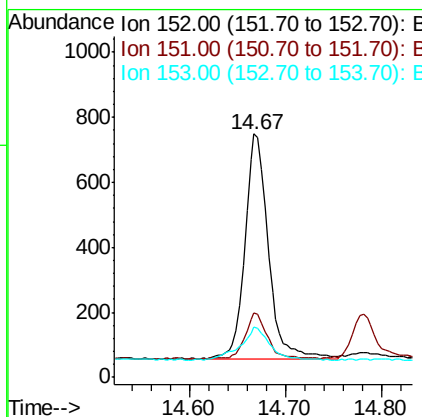
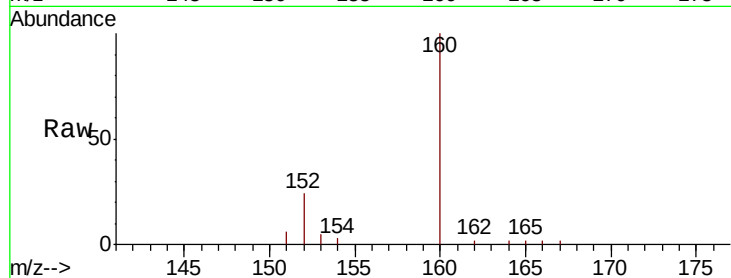
ClientSampleId :

C0AZ8DL

Tot Ion:	152	Resp:	1190
Ion Ratio	Lower	Upper	
152	100		
151	26.4	17.1	25.7#
153	20.6	12.0	18.0#

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#8

Acenaphthene

Concen: 0.026 ng/ul

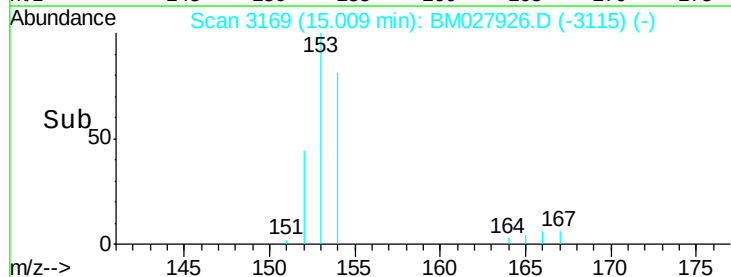
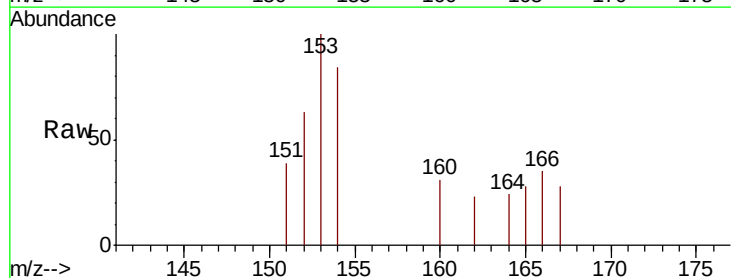
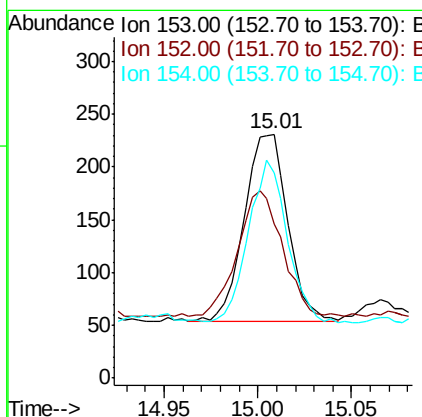
RT: 15.01 min Scan# 3169

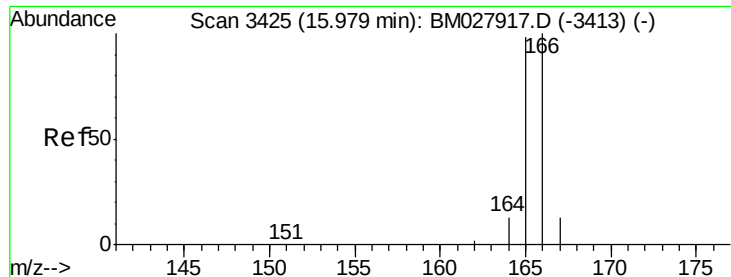
Delta R.T. 0.00 min

Lab File: BM027926.D

Acq: 23 Nov 2020 22:51

Tgt Ion:	153	Resp:	284
Ion Ratio	Lower	Upper	
153	100		
152	63.2	39.0	58.6#
154	84.4	71.6	107.4





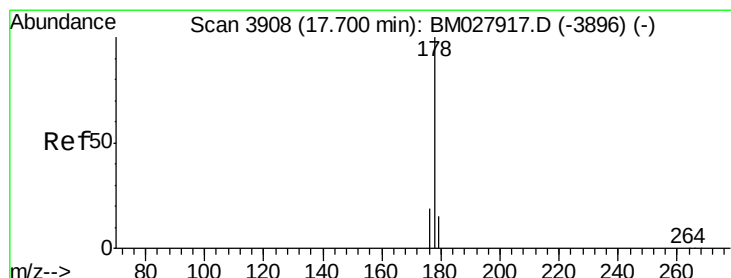
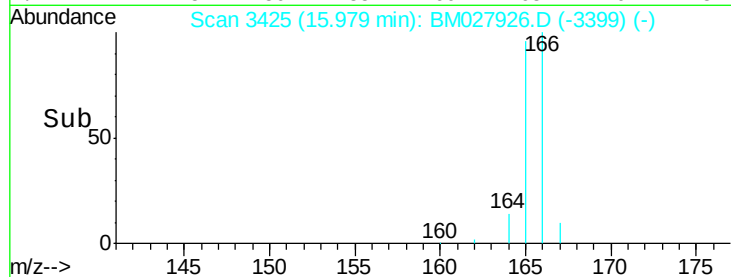
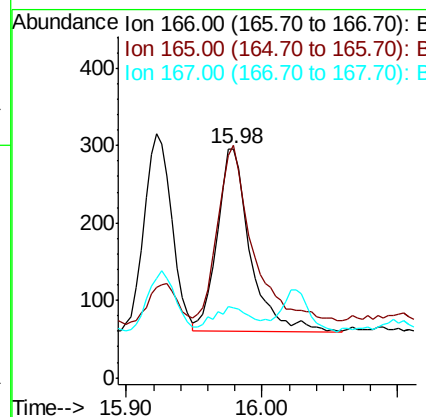
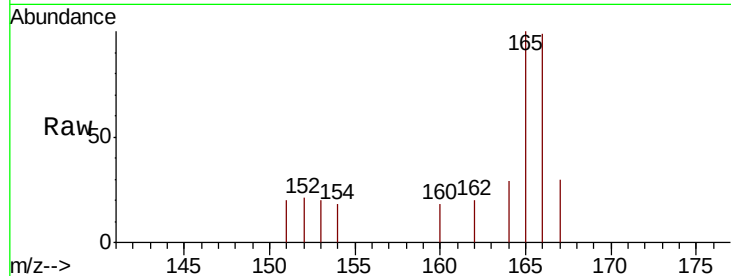
#9
Fluorene
 Concen: 0.031 ng/ul
 RT: 15.98 min Scan# 3425
 Delta R.T. -0.00 min
 Lab File: BM027926.D
 Acq: 23 Nov 2020 22:51

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ8DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.4	78.1	117.1
167	30.7	11.8	17.8

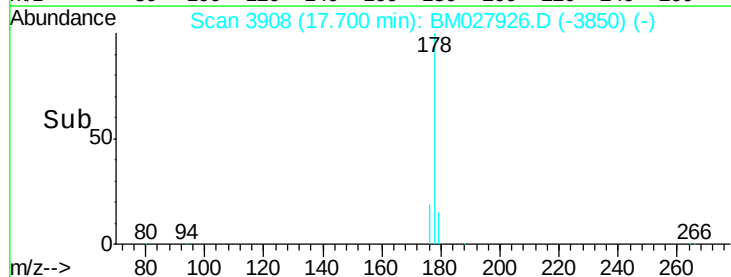
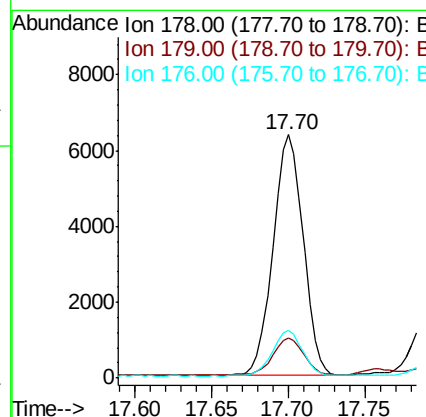
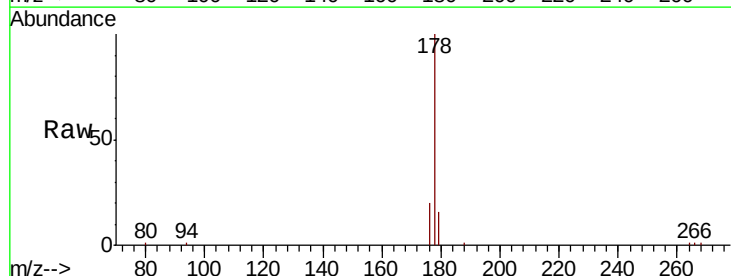
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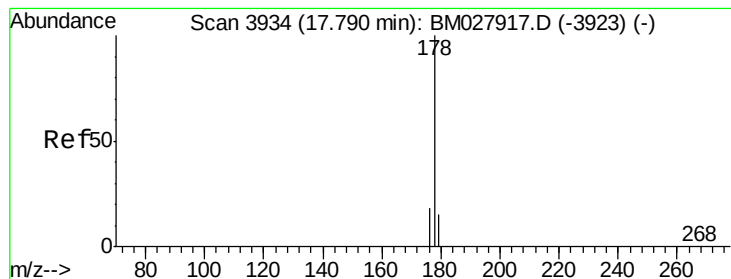
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#12
Phenanthrene
 Concen: 0.552 ng/ul
 RT: 17.70 min Scan# 3908
 Delta R.T. -0.00 min
 Lab File: BM027926.D
 Acq: 23 Nov 2020 22:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.6	20.4
176	19.5	16.1	24.1





#13

Anthracene

Concen: 0.131 ng/ul

RT: 17.79 min Scan# 3934

Delta R.T. -0.00 min

Lab File: BM027926.D

Acq: 23 Nov 2020 22:51

Instrument :

BNA_M

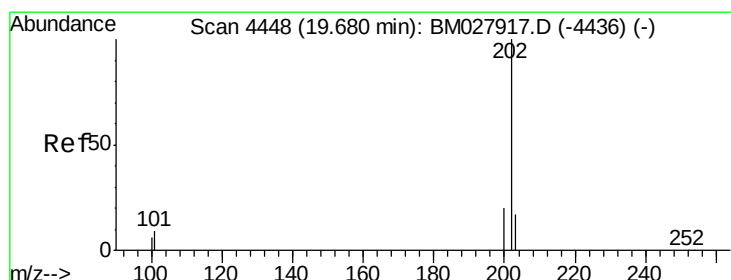
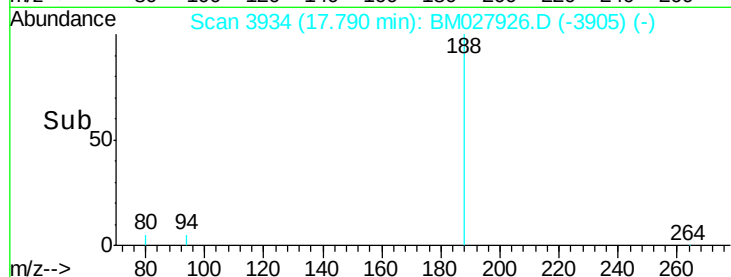
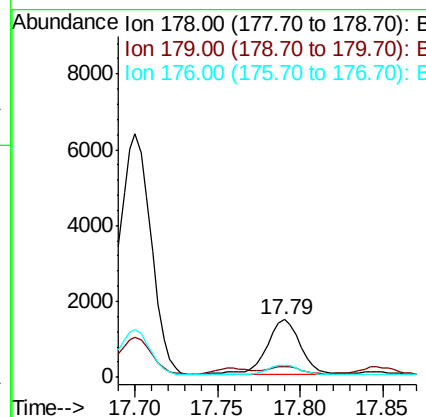
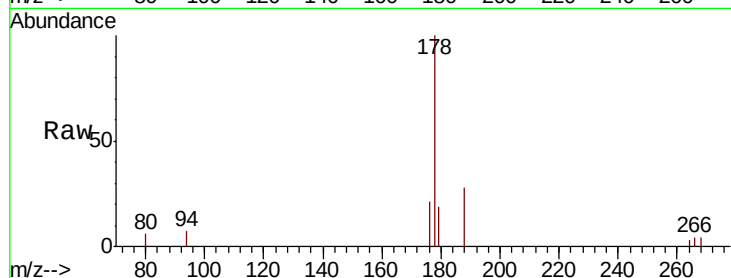
ClientSampleId :

C0AZ8DL

Tot Ion:178	Resp:	2003
Ion Ratio	Lower	Upper
178	100	
179	19.4	13.4 20.2
176	21.0	15.0 22.6

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#15

Fluoranthene

Concen: 1.062 ng/ul

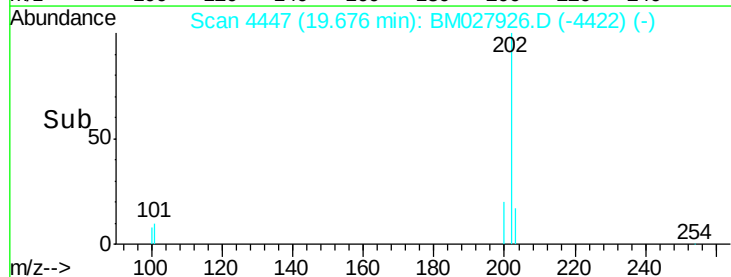
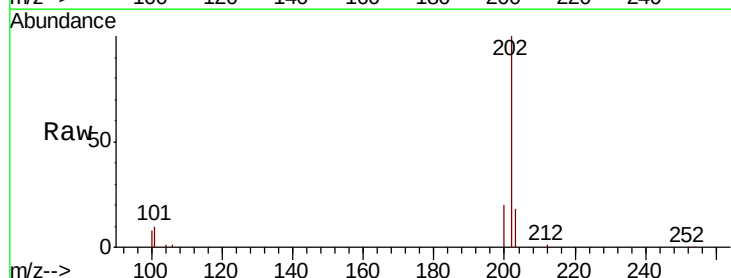
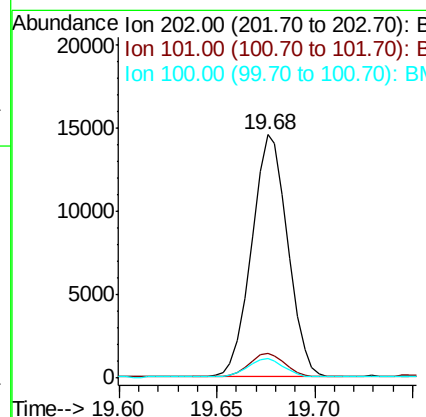
RT: 19.68 min Scan# 4447

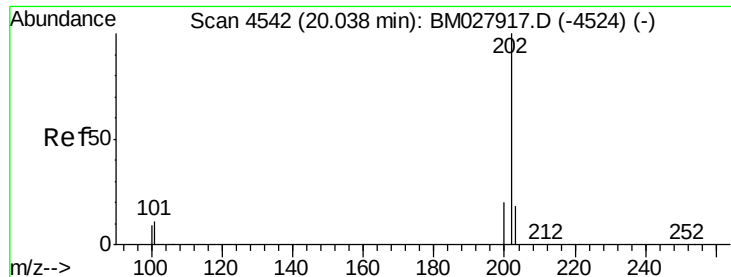
Delta R.T. -0.00 min

Lab File: BM027926.D

Acq: 23 Nov 2020 22:51

Tgt Ion:202	Resp:	18629
Ion Ratio	Lower	Upper
202	100	
101	10.2	0.0 29.3
100	8.1	0.0 27.4





#17

Pvrene

Concen: 1.117 ng/ul

RT: 20.03 min Scan# 4541

Delta R.T. -0.00 min

Lab File: BM027926.D

Acq: 23 Nov 2020 22:51

Instrument :

BNA_M

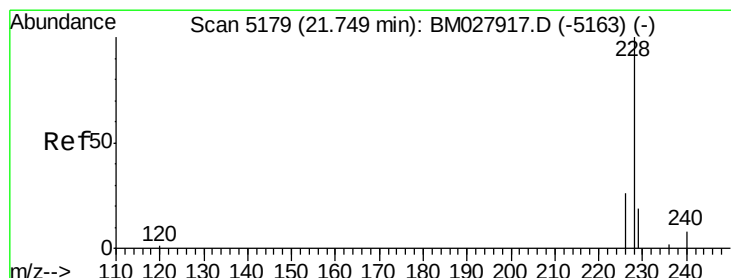
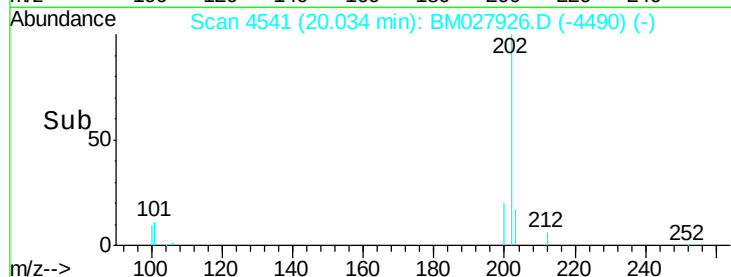
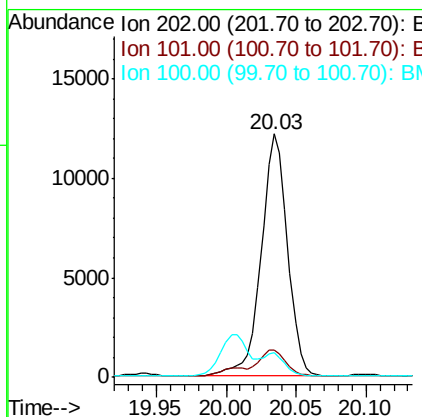
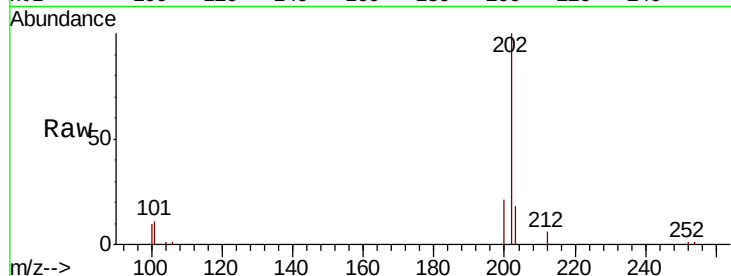
ClientSampleId :

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Tot Ion:	202	Resp:	15833
Ion Ratio	Lower	Upper	
202	100		
101	11.4	8.2	12.2
100	10.0	6.9	10.3

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#18

Benzo(a)anthracene

Concen: 0.658 ng/ul

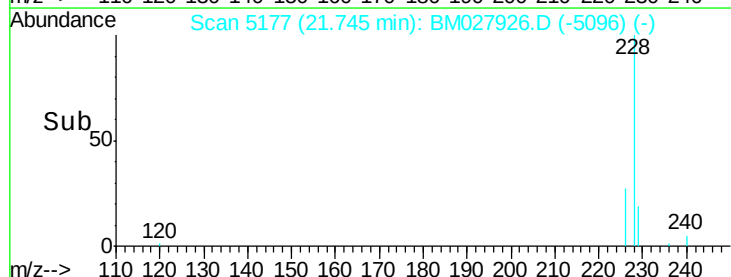
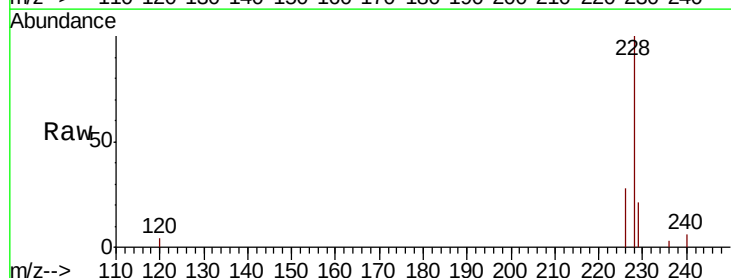
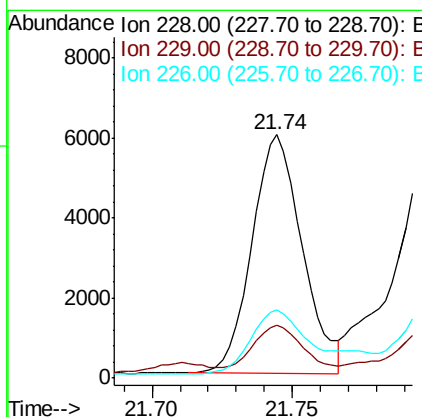
RT: 21.74 min Scan# 5177

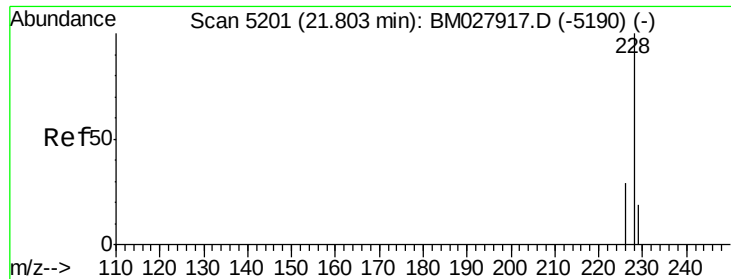
Delta R.T. -0.00 min

Lab File: BM027926.D

Acq: 23 Nov 2020 22:51

Tgt Ion:	228	Resp:	7409
Ion Ratio	Lower	Upper	
228	100		
229	21.5	16.2	24.4
226	28.3	21.5	32.3





#19

Chrysene

Concen: 0.777 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. -0.00 min

Lab File: BM027926.D

Acq: 23 Nov 2020 22:51

Instrument :

BNA_M

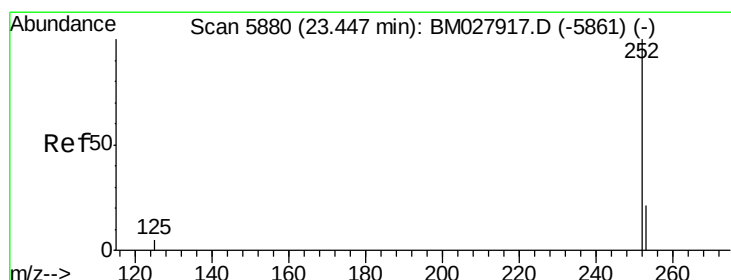
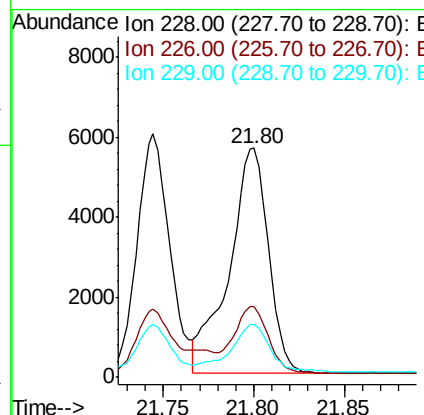
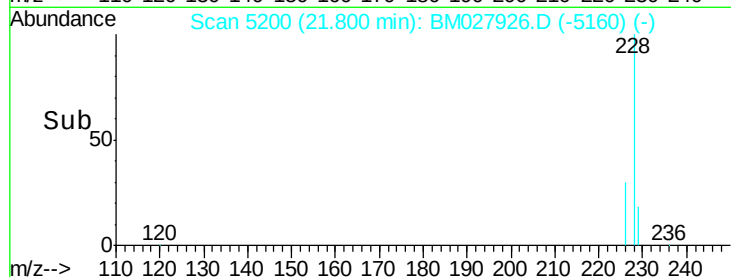
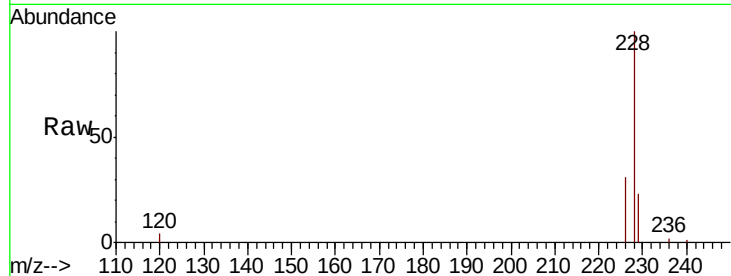
ClientSampleId :

C0AZ8DL

Tot Ion:	228	Resp:	8519
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	22.8	16.6	24.8

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#21

Benzo(b)fluoranthene

Concen: 0.878 ng/ul m

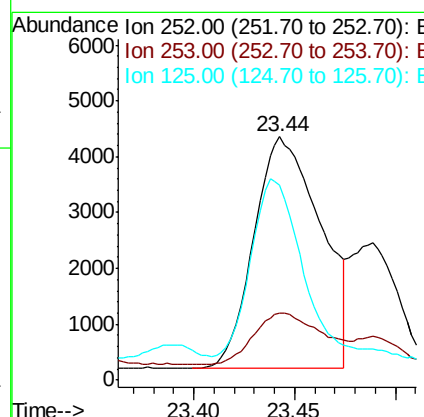
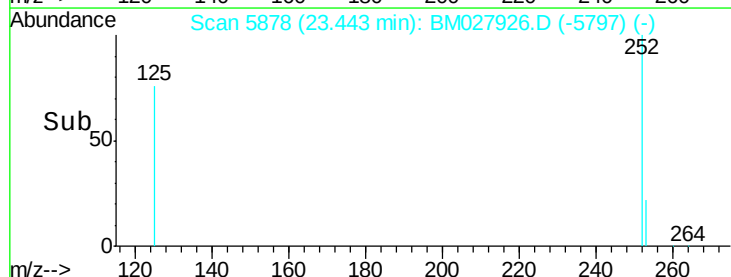
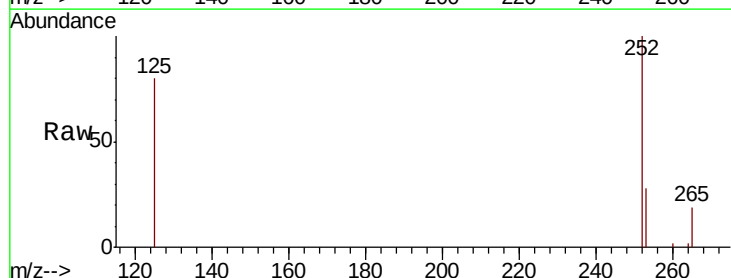
RT: 23.44 min Scan# 5878

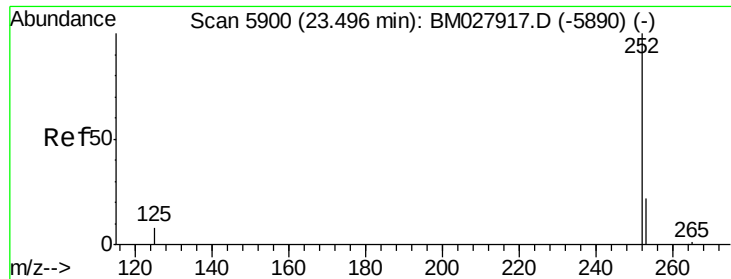
Delta R.T. -0.00 min

Lab File: BM027926.D

Acq: 23 Nov 2020 22:51

Tgt Ion:	252	Resp:	9562
Ion	Ratio	Lower	Upper
252	100		
253	27.7	0.0	59.6
125	80.2	0.0	28.4#





#22

Benzo(k)fluoranthene

Concen: 0.346 ng/ul m

RT: 23.49 min Scan# 5897

Delta R.T. -0.00 min

Lab File: BM027926.D

Acq: 23 Nov 2020 22:51

Instrument :

BNA_M

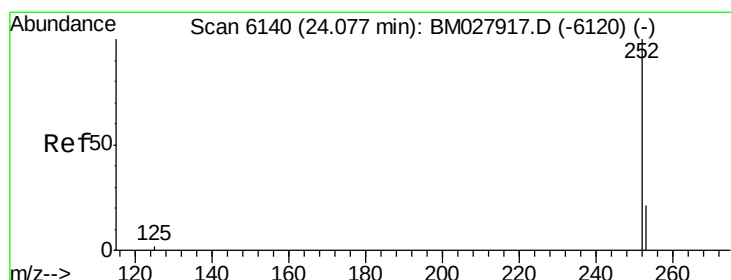
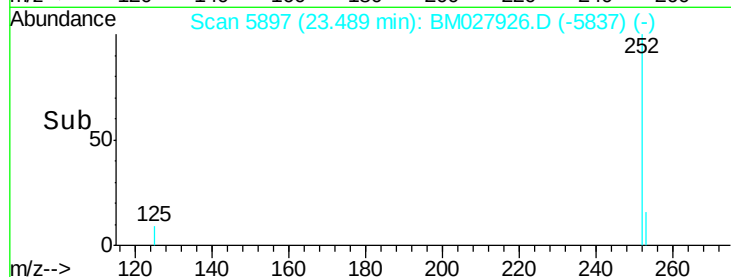
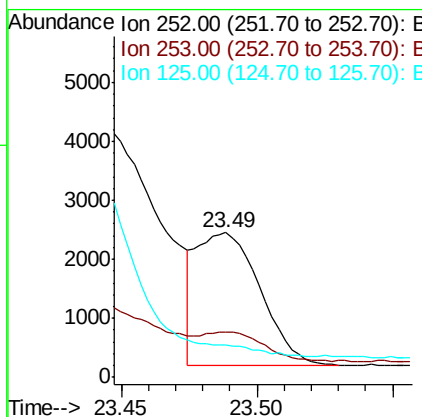
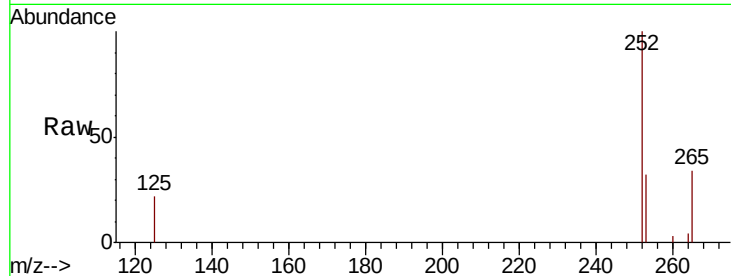
ClientSampleId :

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Tot Ion:	252	Resp:	3687
Ion Ratio	Lower	Upper	
252	100		
253	31.6	23.2	34.8
125	22.3	11.8	17.6

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#23

Benzo(a)pyrene

Concen: 0.685 ng/ul

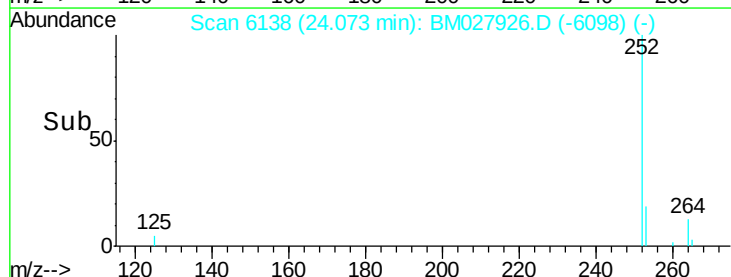
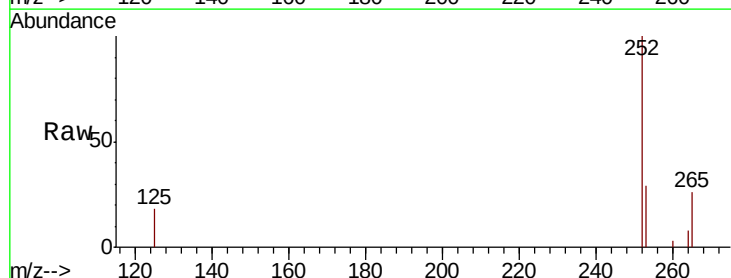
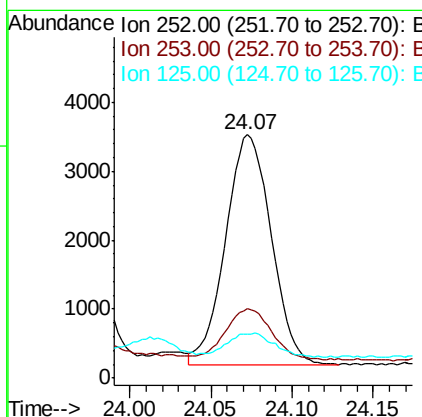
RT: 24.07 min Scan# 6138

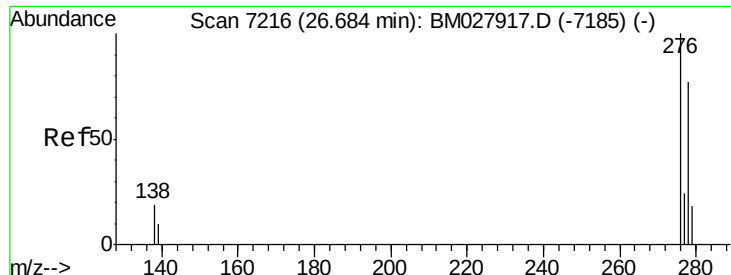
Delta R.T. -0.00 min

Lab File: BM027926.D

Acq: 23 Nov 2020 22:51

Tgt Ion:	252	Resp:	6523
Ion Ratio	Lower	Upper	
252	100		
253	28.5	25.2	37.8
125	17.8	13.8	20.6





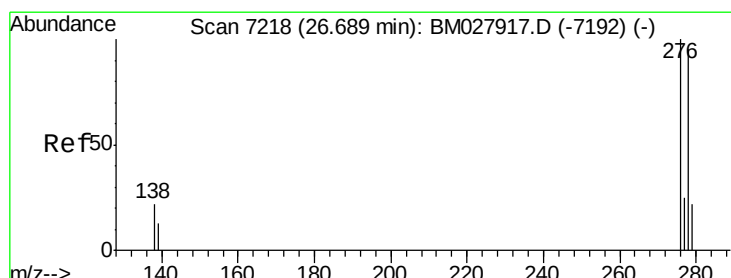
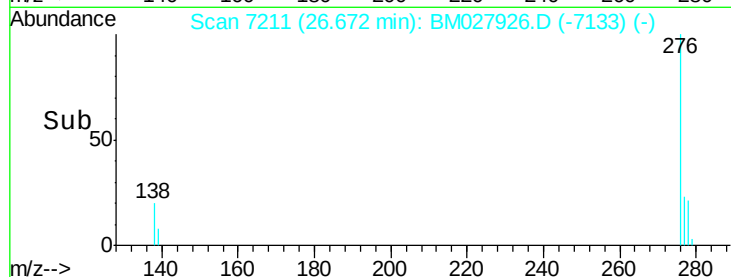
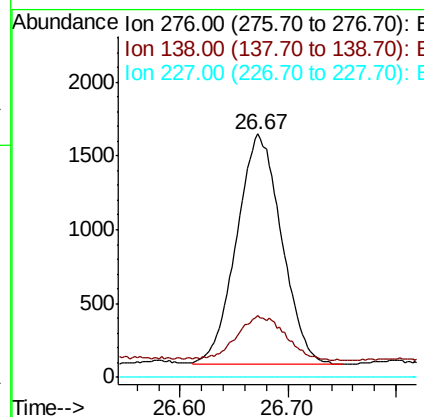
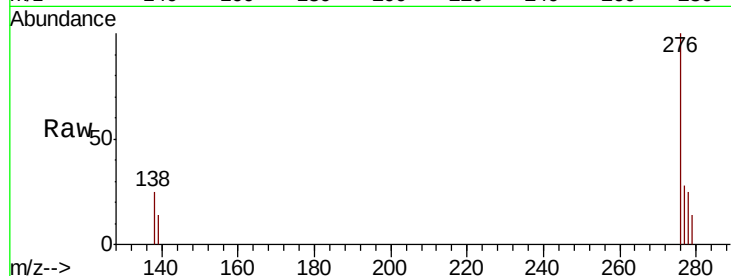
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.439 ng/ul
RT: 26.67 min Scan# 7211
Delta R.T. -0.01 min
Lab File: BM027926.D
Acq: 23 Nov 2020 22:51

Instrument :
BNA_M
ClientSampleId :
C0AZ8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.5	15.7	23.5
227	0.0	0.0	0.0

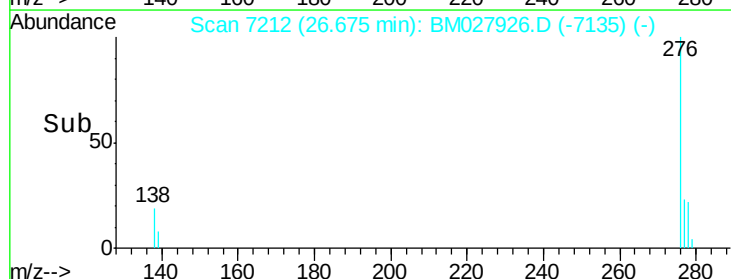
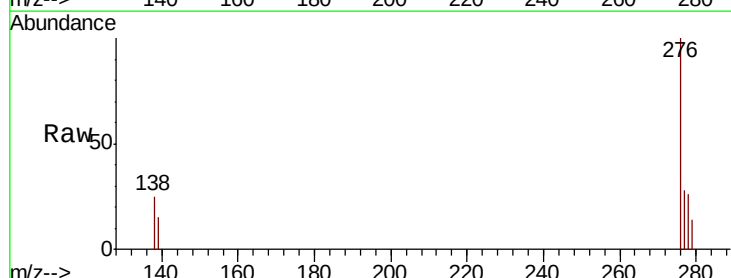
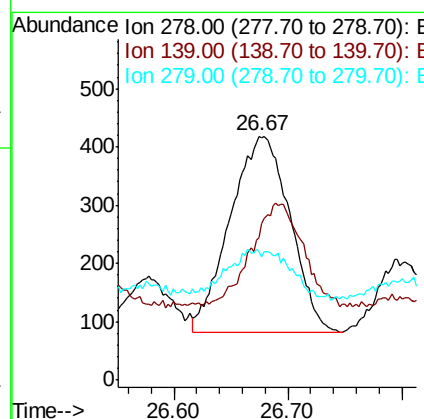
Manual Integrations
APPROVED

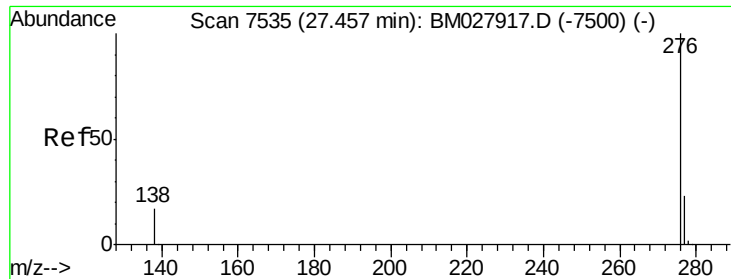
mohammad
11/25/2020 12:45:26 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.143 ng/ul
RT: 26.67 min Scan# 7212
Delta R.T. -0.01 min
Lab File: BM027926.D
Acq: 23 Nov 2020 22:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	58.4	14.8	22.2#
279	52.9	25.8	38.6#





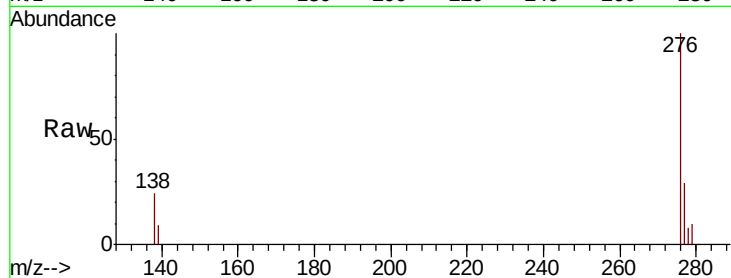
#26
 Benzo(a,h,i)perylene
 Concen: 0.513 ng/ul
 RT: 27.45 min Scan# 7531
 Delta R.T. -0.01 min
 Lab File: BM027926.D
 Acq: 23 Nov 2020 22:51

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	17.4	26.2
277	28.6	22.5	33.7

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:45:26 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

