

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027882.D
 Acq On : 21 Nov 2020 15:34
 Operator : JU/CG
 Sample : L4854-06DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD4DL

Manual Integrations
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mohammad
 11/24/2020 8:58:44 AM

Quant Time: Nov 23 04:01:46 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 02:58:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1114	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4520	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2859	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5876	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	4062	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	3617	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	206	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	434	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	2984	0.220	ng/ul	98
5) 2-Methylnaphthalene	12.80	142	5618	0.610	ng/ul	99
8) Acenaphthene	15.02	153	255	0.024	ng/ul#	66
9) Fluorene	15.98	166	352	0.029	ng/ul#	80
12) Phenanthrene	17.70	178	7133	0.384	ng/ul	99
13) Anthracene	17.79	178	611m	0.034	ng/ul	
15) Fluoranthene	19.68	202	3224	0.157	ng/ul	93
17) Pyrene	20.04	202	3983	0.193	ng/ul#	92
18) Benzo(a)anthracene	21.75	228	1521	0.093	ng/ul#	41
19) Chrysene	21.80	228	2389	0.150	ng/ul#	55
21) Benzo(b)fluoranthene	23.45	252	1896m	0.125	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	637m	0.043	ng/ul	
23) Benzo(a)pyrene	24.08	252	1228	0.092	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.68	276	798	0.055	ng/ul#	66
25) Dibenzo(a,h)anthracene	26.69	278	265	0.022	ng/ul#	1
26) Benzo(a,h,i)perylene	27.45	276	1190	0.099	ng/ul#	50

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

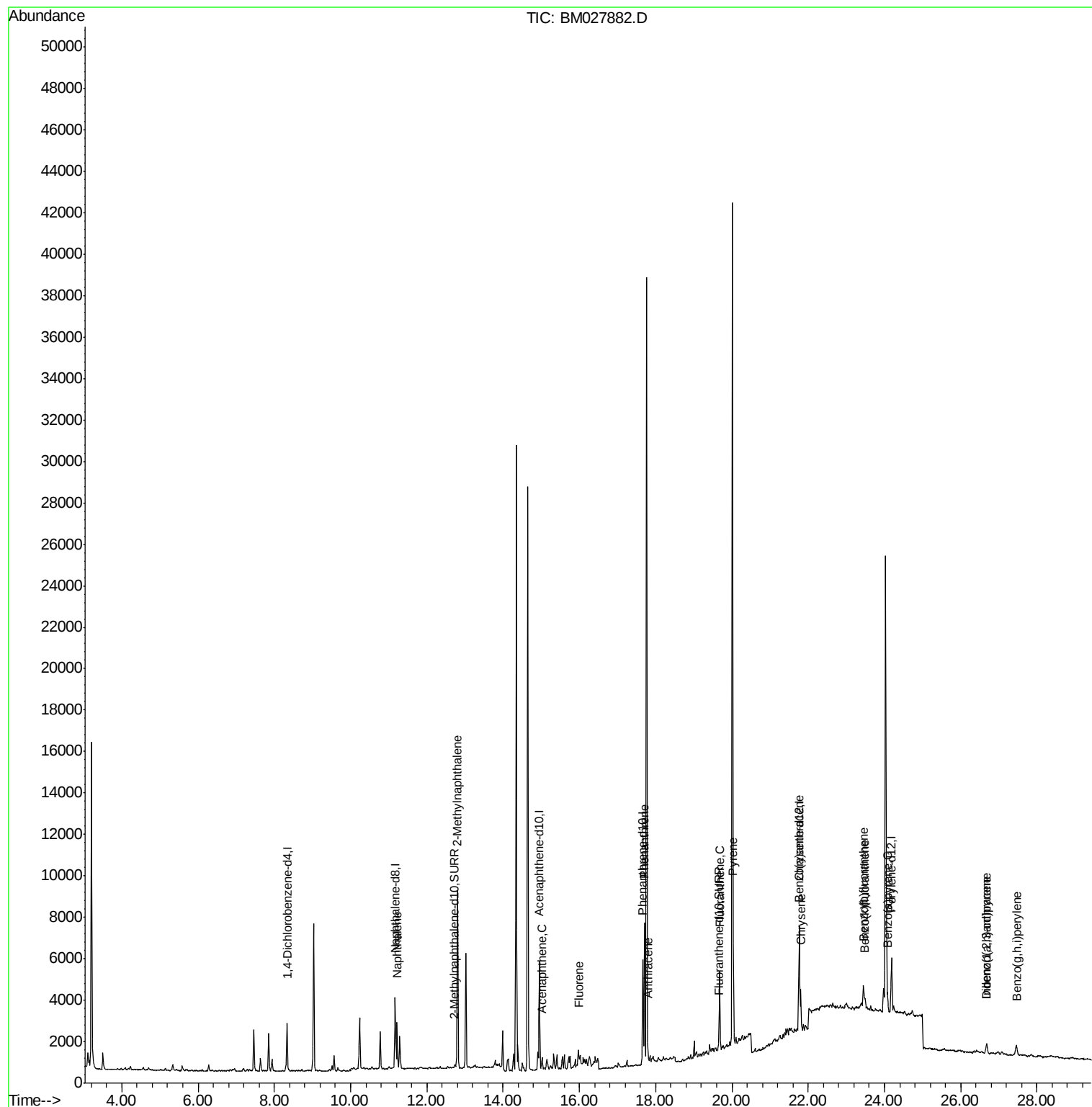
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027882.D
Acq On : 21 Nov 2020 15:34
Operator : JU/CG
Sample : L4854-06DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

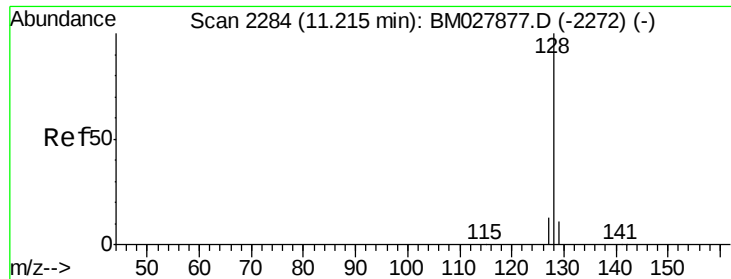
Instrument :
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Quant Time: Nov 23 04:01:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.220 ng/ul

RT: 11.22 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

Instrument :

BNA_M

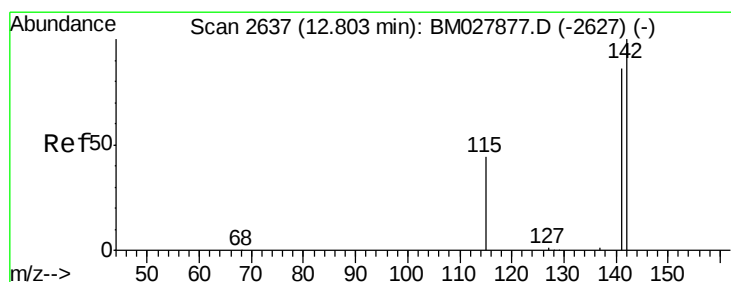
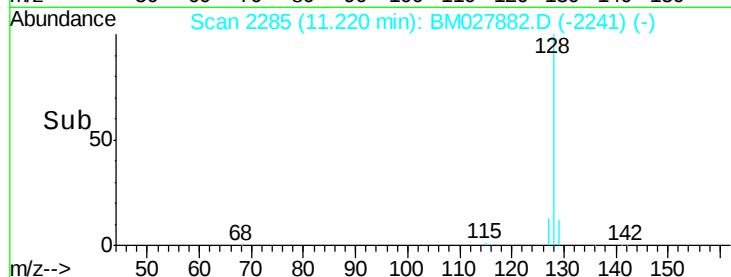
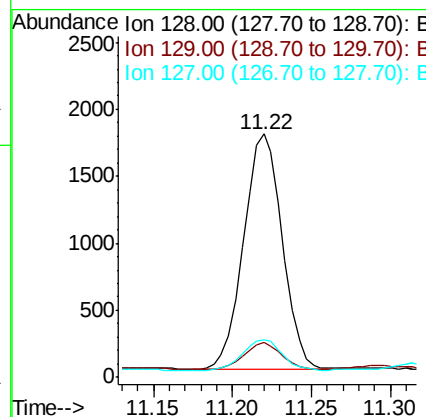
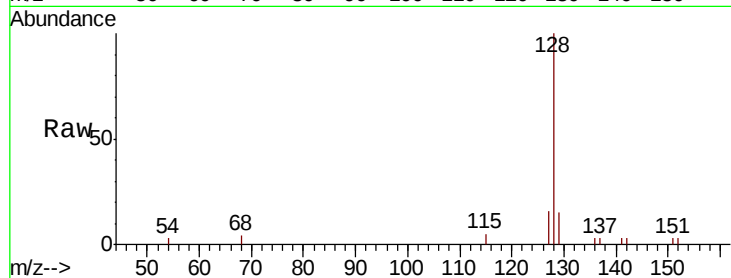
ClientSampleId :

C0AD4DL

Tot Ion:	128	Resp:	2984
Ion	Ratio	Lower	Upper
128	100		
129	14.5	10.4	15.6
127	15.5	12.0	18.0

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#5

2-Methylnaphthalene

Concen: 0.610 ng/ul

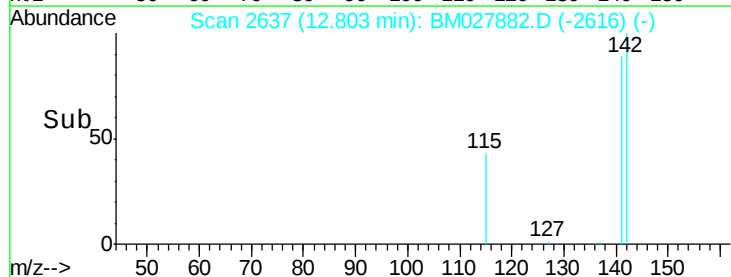
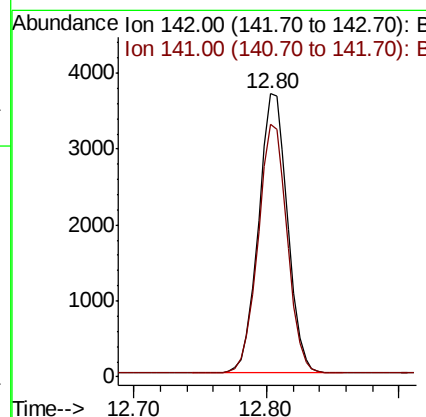
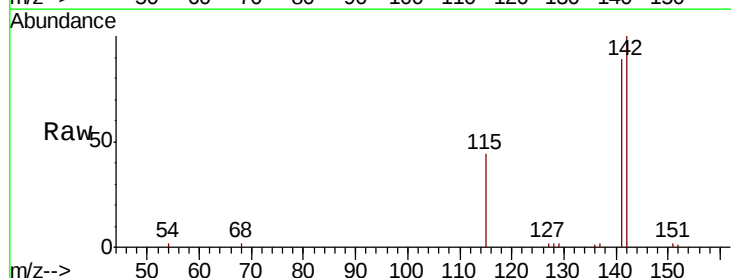
RT: 12.80 min Scan# 2637

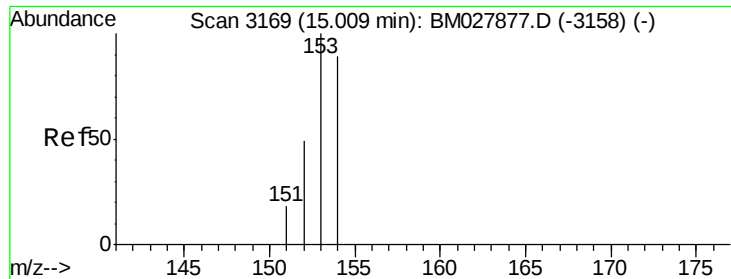
Delta R.T. -0.00 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

Tgt Ion:	142	Resp:	5618
Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.6	107.4





#8

Acenaphthene

Concen: 0.024 ng/ul

RT: 15.02 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

Instrument :

BNA_M

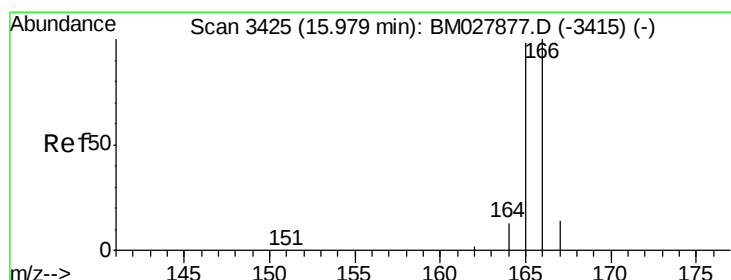
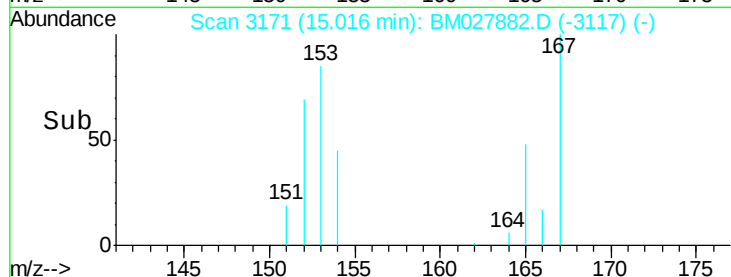
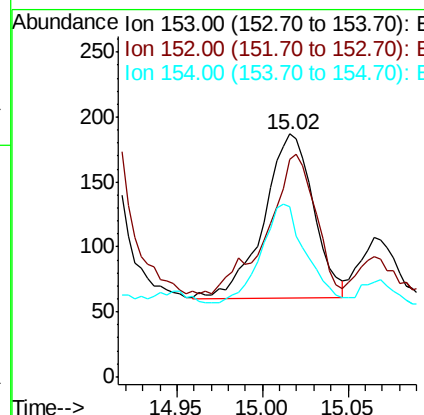
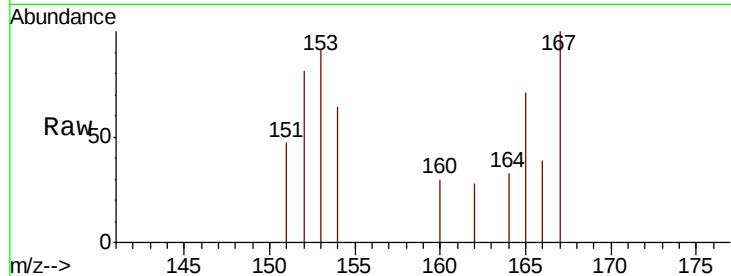
ClientSampleId :

C0AD4DL

Tot Ion:	153	Resp:	255
Ion Ratio	Lower	Upper	
153	100		
152	89.3	39.0	58.6#
154	70.1	71.6	107.4#

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#9

Fluorene

Concen: 0.029 ng/ul

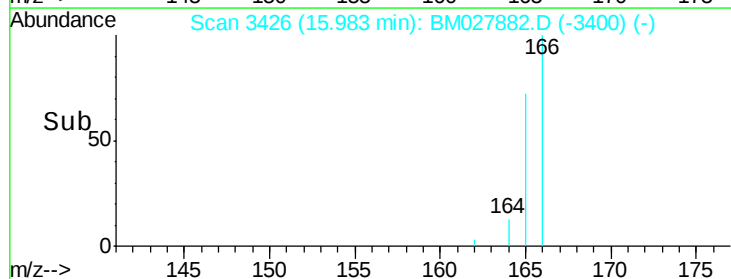
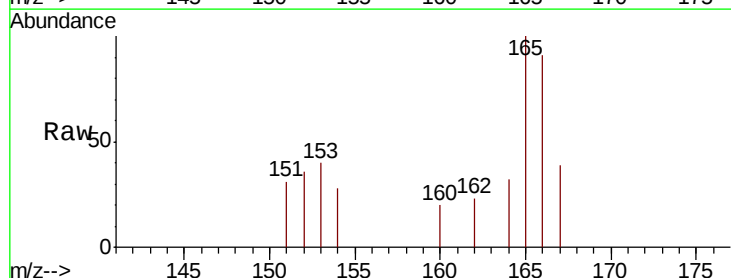
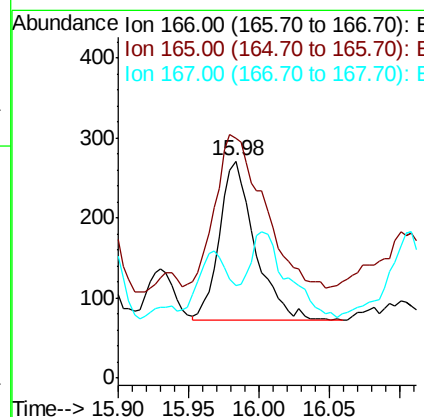
RT: 15.98 min Scan# 3426

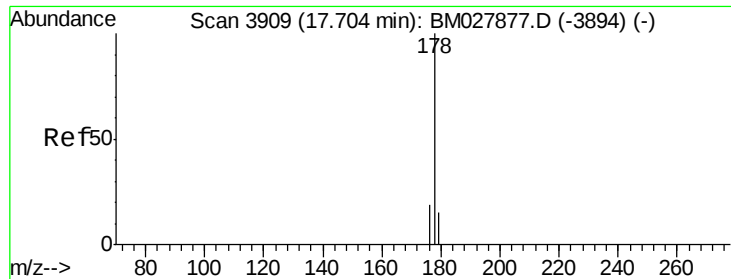
Delta R.T. -0.00 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

Tgt Ion:	166	Resp:	352
Ion Ratio	Lower	Upper	
166	100		
165	110.3	78.1	117.1
167	42.8	11.8	17.8#





#12

Phenanthrene

Concen: 0.384 ng/ul

RT: 17.70 min Scan# 3909

Delta R.T. -0.00 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

Instrument :

BNA_M

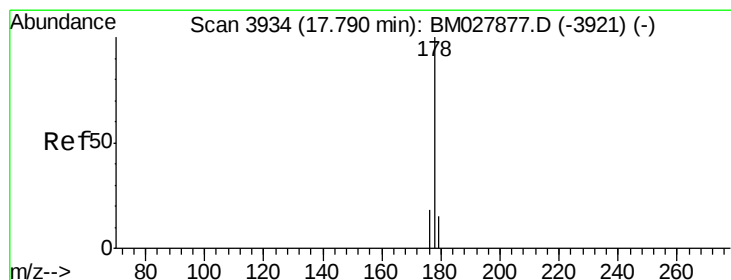
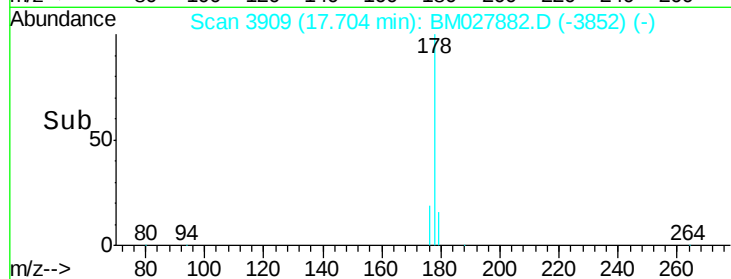
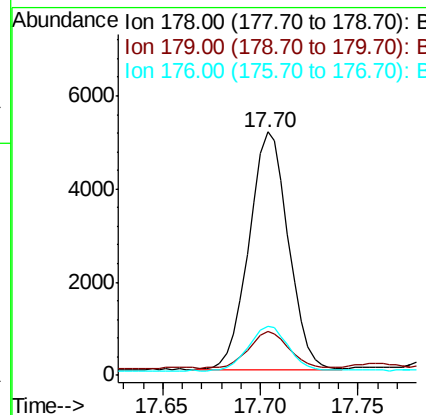
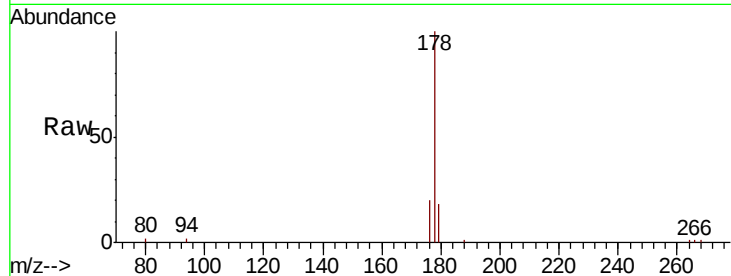
ClientSampleId :

C0AD4DL

Tot Ion:	178	Resp:	7133
Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.6	20.4
176	20.0	16.1	24.1

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#13

Anthracene

Concen: 0.034 ng/ul m

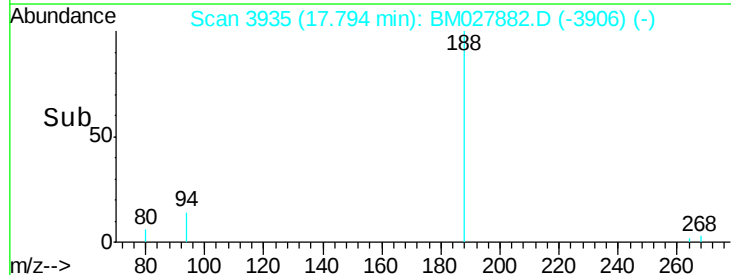
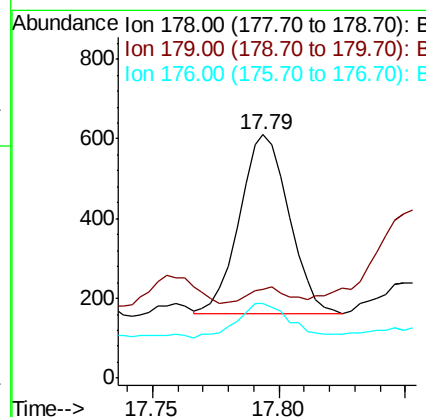
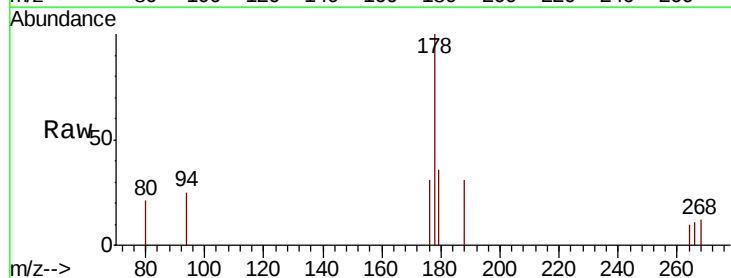
RT: 17.79 min Scan# 3935

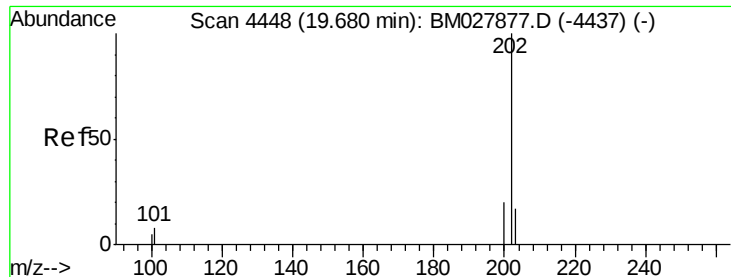
Delta R.T. -0.00 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

Tgt Ion:	178	Resp:	611
Ion	Ratio	Lower	Upper
178	100		
179	36.5	13.4	20.2#
176	30.8	15.0	22.6#





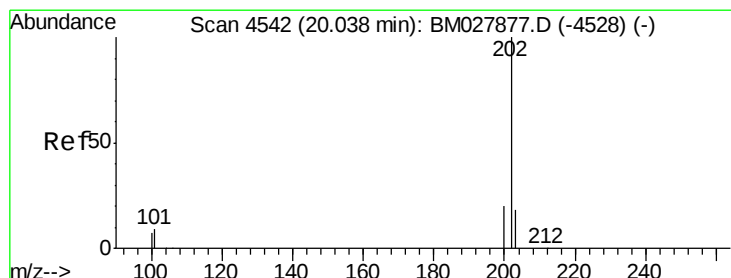
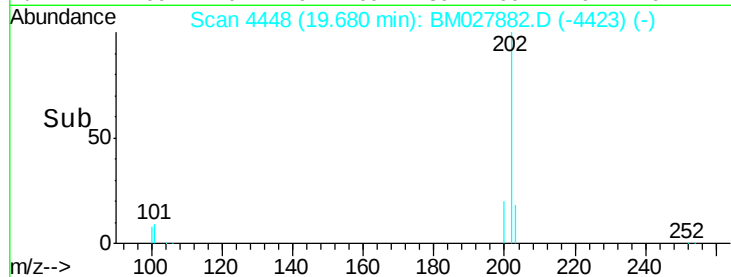
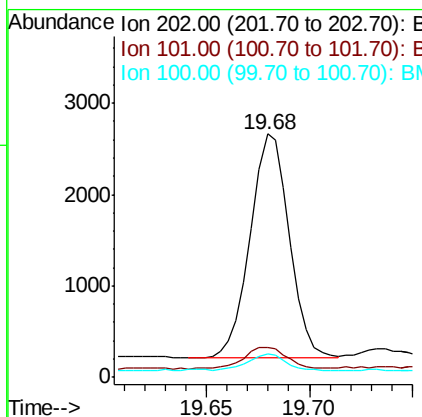
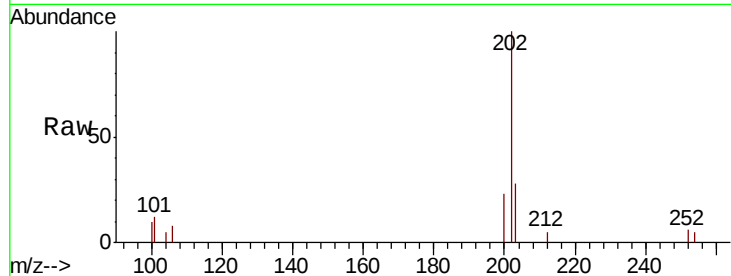
#15
Fluoranthene
Concen: 0.157 ng/ul
RT: 19.68 min Scan# 4448
Delta R.T. -0.00 min
Lab File: BM027882.D
Acq: 21 Nov 2020 15:34

Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Tot Ion:202	Resp:	3224
Ion Ratio	Lower	Upper
202 100		
101 12.2	0.0	29.3
100 9.6	0.0	27.4

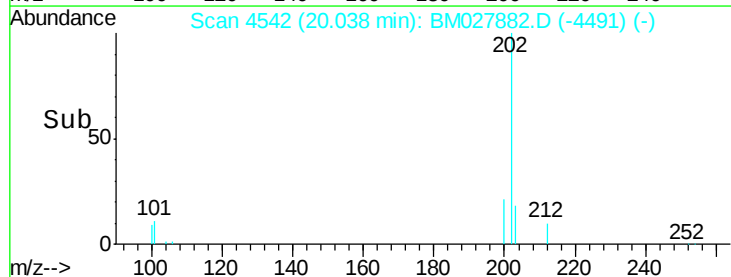
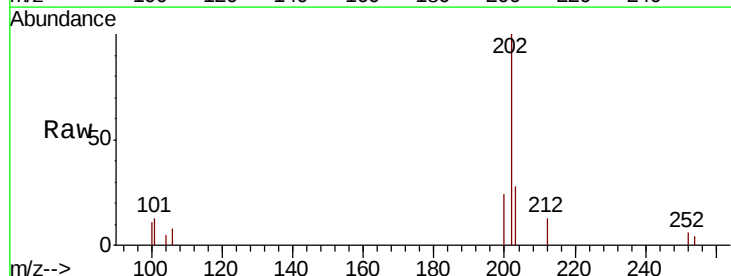
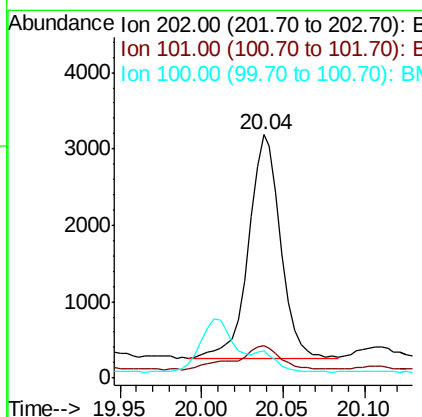
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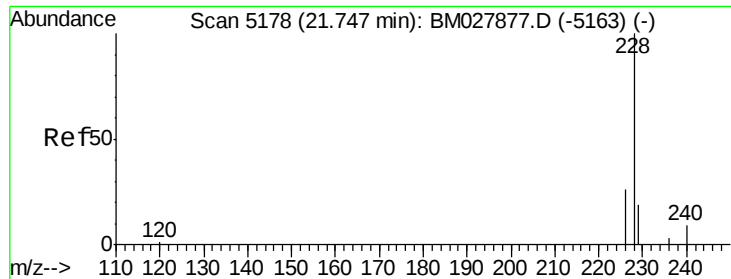
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#17
Pyrene
Concen: 0.193 ng/ul
RT: 20.04 min Scan# 4542
Delta R.T. -0.00 min
Lab File: BM027882.D
Acq: 21 Nov 2020 15:34

Tgt Ion:202	Resp:	3983
Ion Ratio	Lower	Upper
202 100		
101 13.5	8.2	12.2#
100 11.0	6.9	10.3#





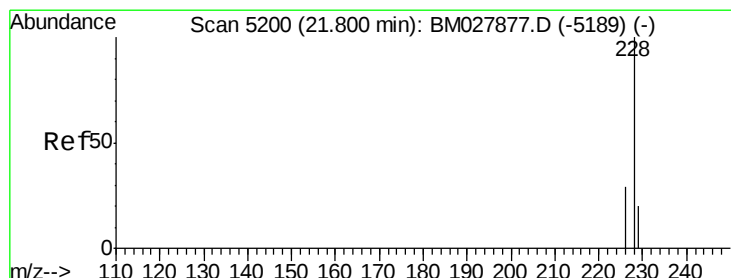
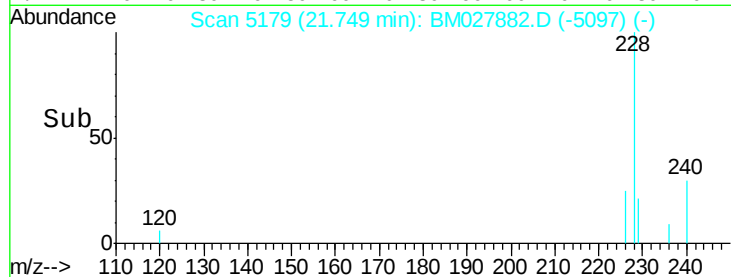
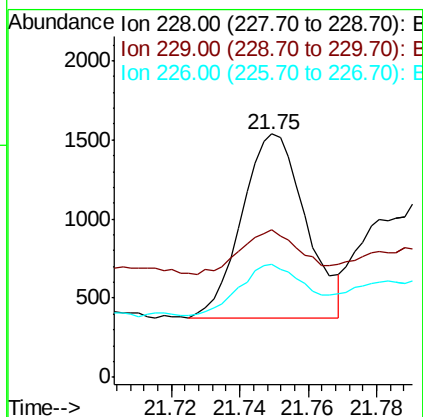
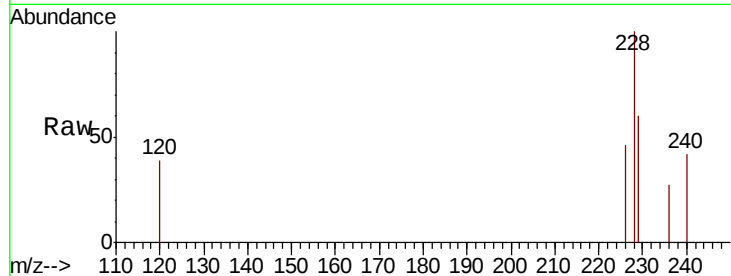
#18
Benzo(a)anthracene
Concen: 0.093 ng/ul
RT: 21.75 min Scan# 5179
Delta R.T. -0.00 min
Lab File: BM027882.D
Acq: 21 Nov 2020 15:34

Instrument :
BNA_M
ClientSampleID :
C0AD4DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	60.5	16.2	24.4#
226	46.5	21.5	32.3#

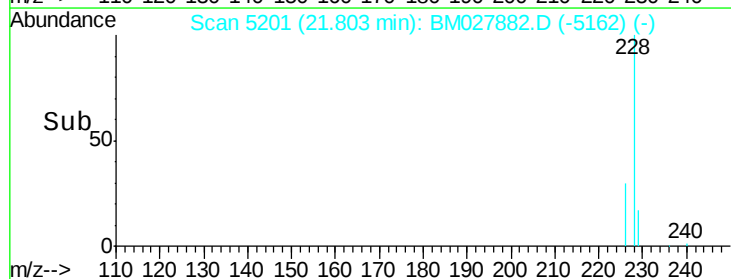
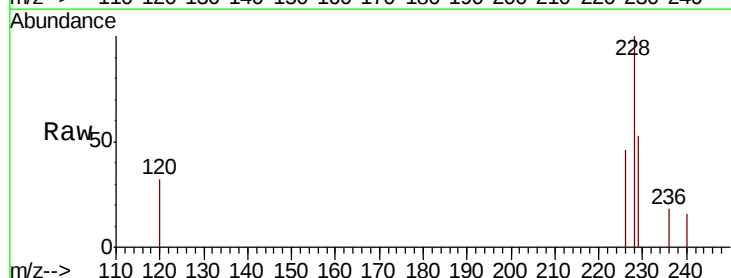
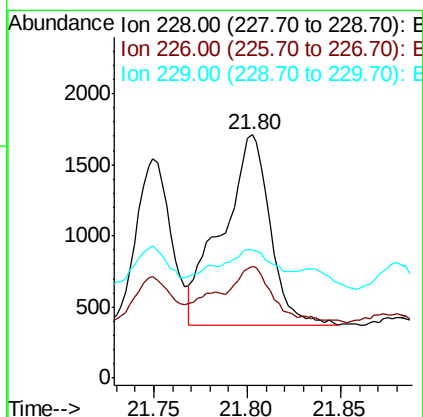
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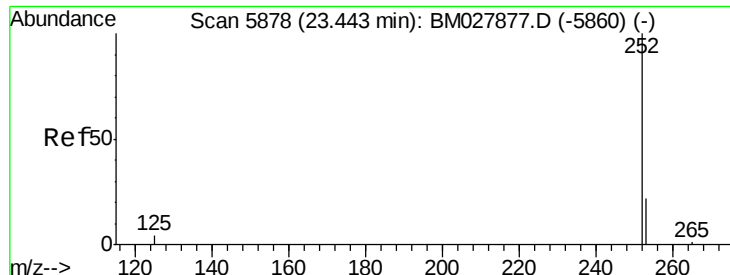
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#19
Chrysene
Concen: 0.150 ng/ul
RT: 21.80 min Scan# 5201
Delta R.T. -0.00 min
Lab File: BM027882.D
Acq: 21 Nov 2020 15:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	45.9	24.1	36.1#
229	52.8	16.6	24.8#





#21

Benzo(b)fluoranthene

Concen: 0.125 ng/ul m

RT: 23.45 min Scan# 5881

Delta R.T. -0.00 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

Instrument :

BNA_M

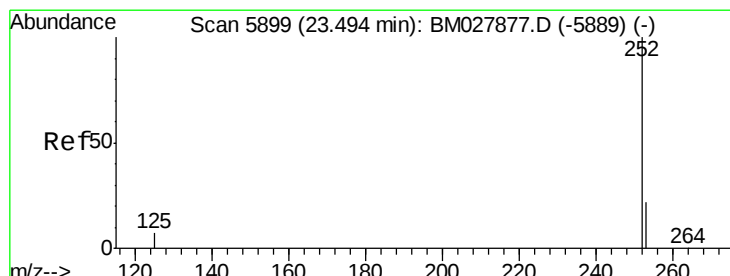
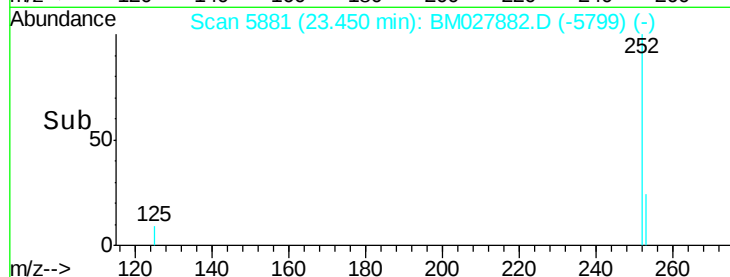
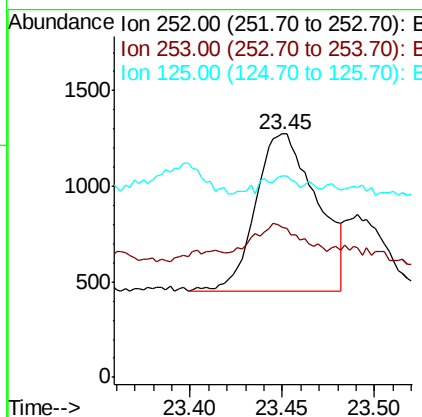
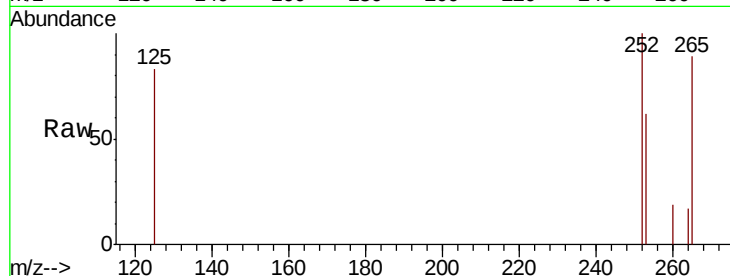
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
252	100		
253	61.8	0.0	59.6#
125	82.7	0.0	28.4#

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#22

Benzo(k)fluoranthene

Concen: 0.043 ng/ul m

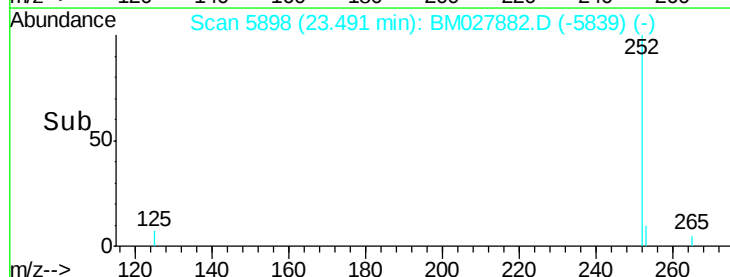
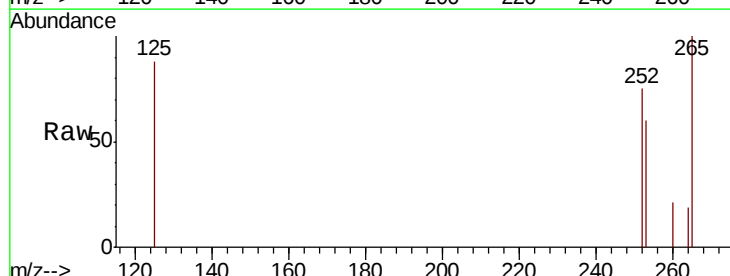
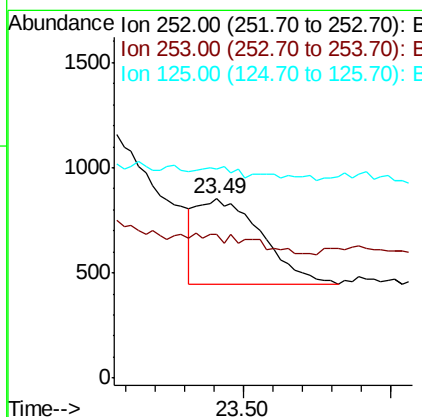
RT: 23.49 min Scan# 5898

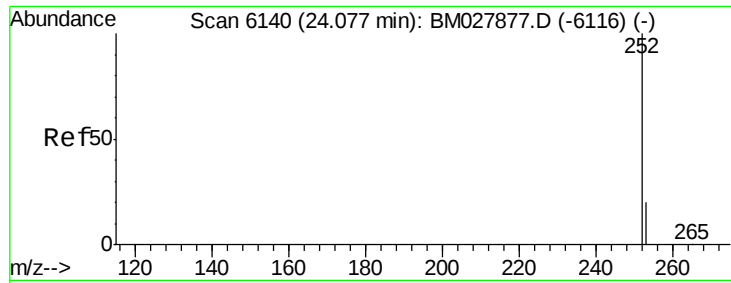
Delta R.T. -0.01 min

Lab File: BM027882.D

Acq: 21 Nov 2020 15:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	79.9	23.2	34.8#
125	116.5	11.8	17.6#





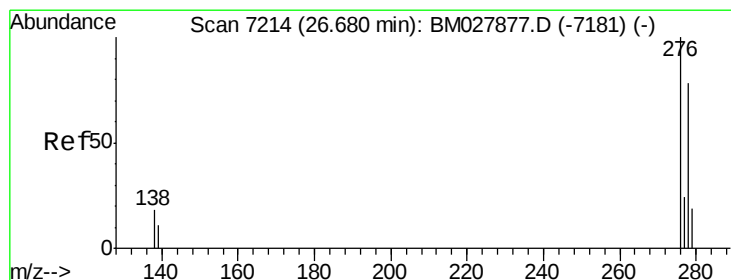
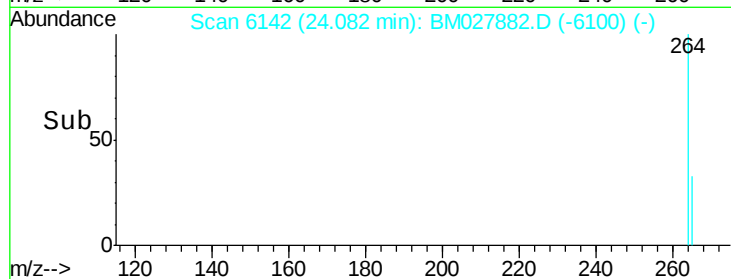
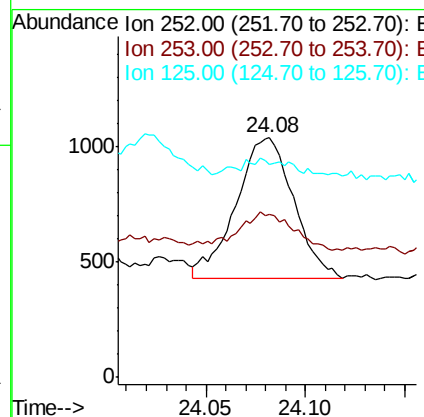
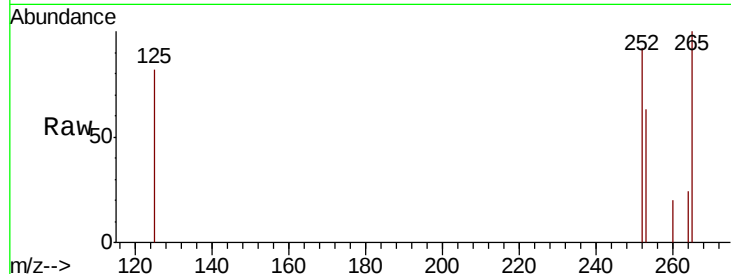
#23
Benzo(a)pyrene
Concen: 0.092 ng/u1
RT: 24.08 min Scan# 6142
Delta R.T. 0.00 min
Lab File: BM027882.D
Acq: 21 Nov 2020 15:34

Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	68.3	25.2	37.8#
125	88.7	13.8	20.6#

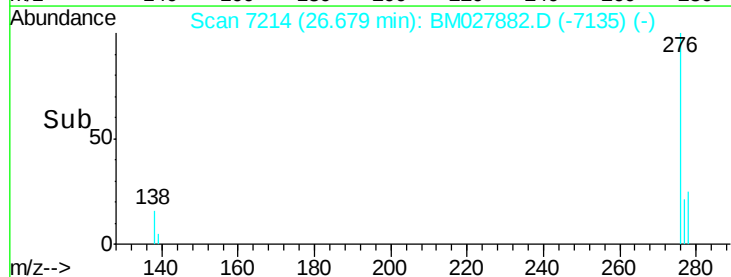
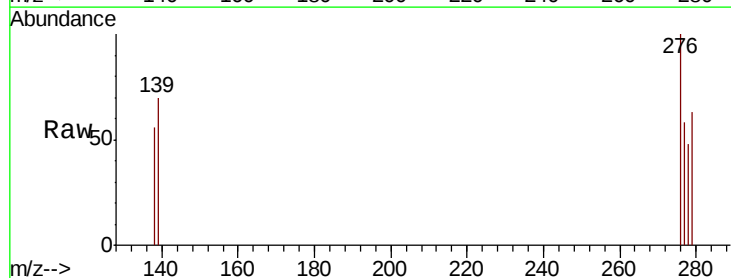
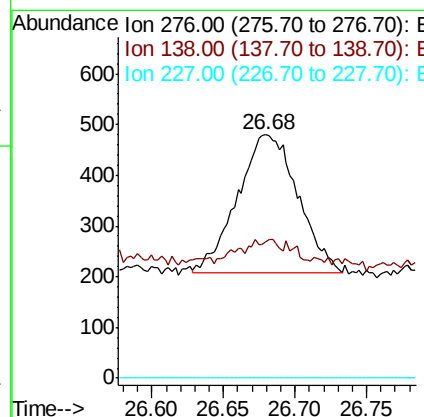
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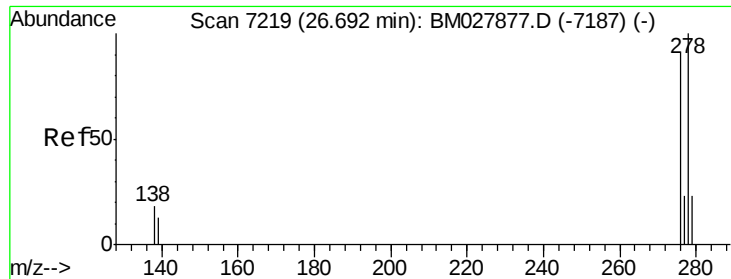
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.055 ng/u1
RT: 26.68 min Scan# 7214
Delta R.T. -0.01 min
Lab File: BM027882.D
Acq: 21 Nov 2020 15:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	3.9	15.7	23.5#
227	0.0	0.0	0.0





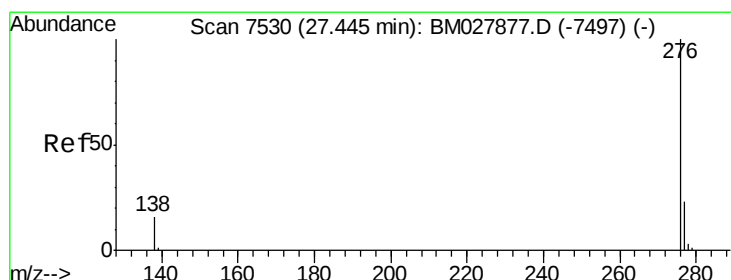
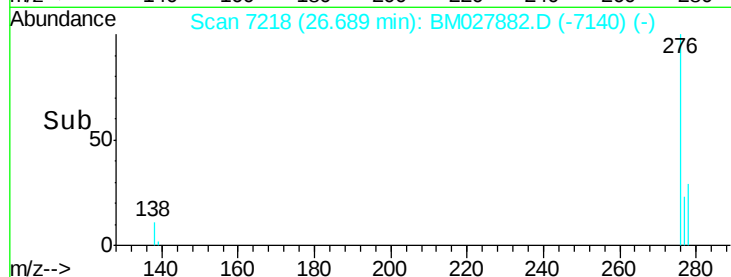
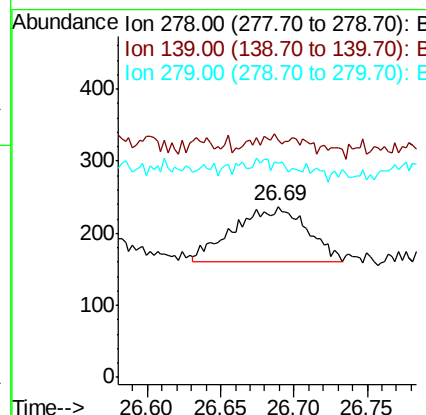
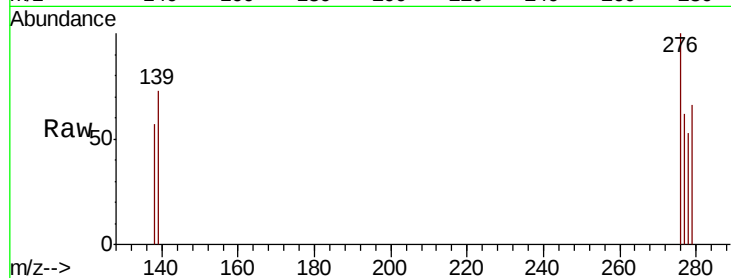
#25
Dibenzo(a,h)anthracene
Concen: 0.022 ng/ul
RT: 26.69 min Scan# 7218
Delta R.T. -0.01 min
Lab File: BM027882.D
Acq: 21 Nov 2020 15:34

Instrument :
BNA_M
ClientSampled :
C0AD4DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	138.8	14.8	22.2#
279	125.7	25.8	38.6#

Manual Integrations
APPROVED

mohammad
11/24/2020 8:58:44 AM



#26
Benzo(g,h,i)perylene
Concen: 0.099 ng/ul
RT: 27.45 min Scan# 7533
Delta R.T. -0.01 min
Lab File: BM027882.D
Acq: 21 Nov 2020 15:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	47.1	17.4	26.2#
277	52.9	22.5	33.7#

