

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027875.D
 Acq On : 21 Nov 2020 11:20
 Operator : JU/CG
 Sample : L4710-19DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AW5DL

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Quant Time: Nov 21 12:33:38 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 : Fri Nov 20 17:20:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	888	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3497	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2148	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4590	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	3533	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2813	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	189	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	529	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	243	0.023	ng/ul#	48
8) Acenaphthene	15.01	153	282	0.036	ng/ul#	94
9) Fluorene	15.98	166	264	0.029	ng/ul#	92
12) Phenanthrene	17.70	178	6833	0.471	ng/ul	98
13) Anthracene	17.79	178	677m	0.048	ng/ul	
15) Fluoranthene	19.68	202	16421	1.021	ng/ul	98
17) Pyrene	20.03	202	14017	0.781	ng/ul	98
18) Benzo(a)anthracene	21.74	228	5915	0.415	ng/ul	98
19) Chrysene	21.80	228	7800	0.562	ng/ul	98
21) Benzo(b)fluoranthene	23.45	252	9273m	0.784	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	3484m	0.301	ng/ul	
23) Benzo(a)pyrene	24.08	252	5630	0.545	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	26.67	276	3777	0.337	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.68	278	914	0.098	ng/ul#	54
26) Benzo(g,h,i)perylene	27.45	276	3503	0.373	ng/ul	98

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

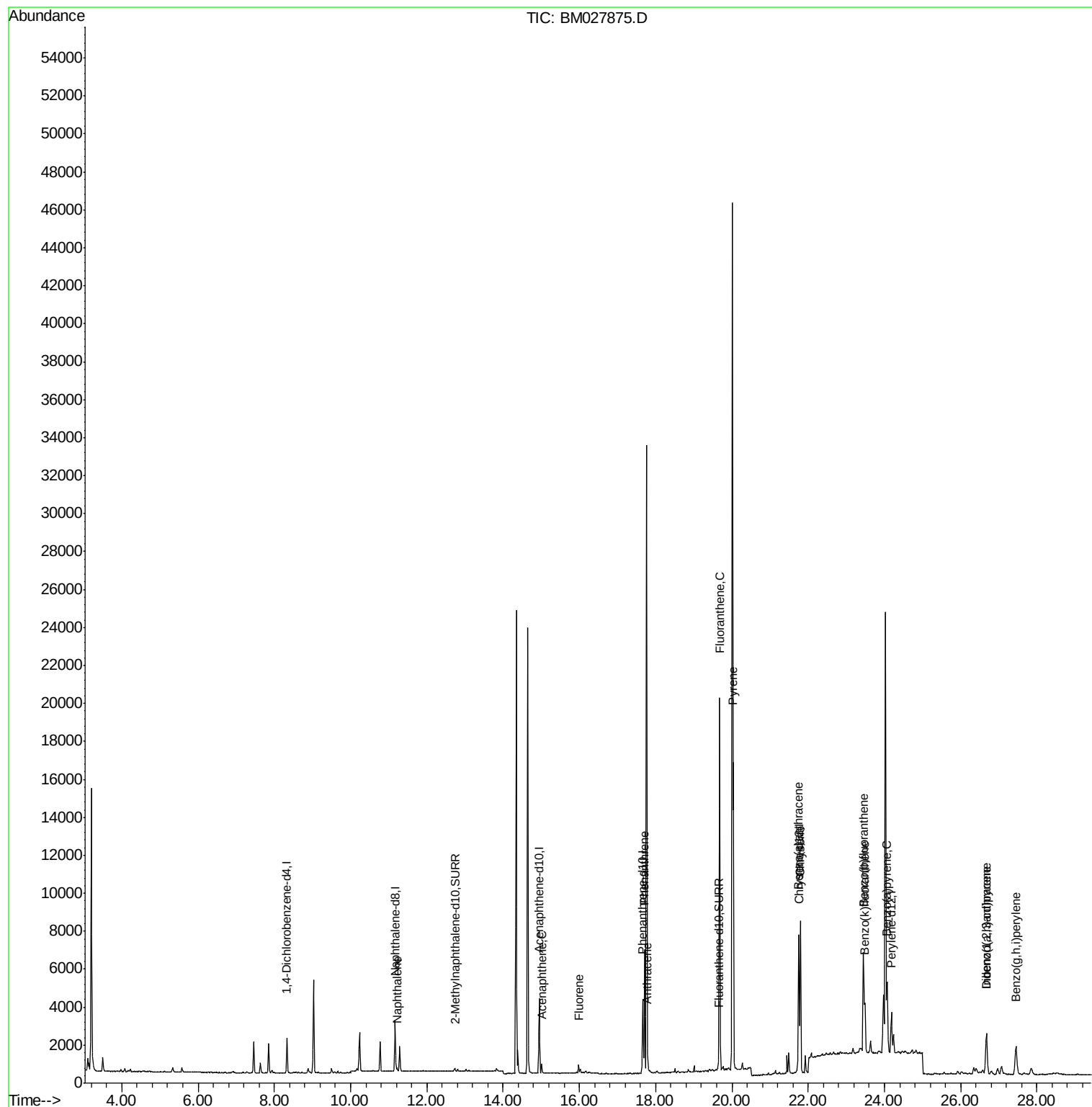
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027875.D
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Misc :
ALS Vial : 29 Sample Multiplier: 1

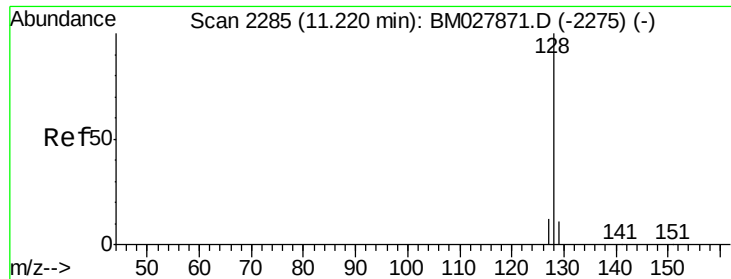
Instrument :
BNA_M
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Quant Time: Nov 21 12:33:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 17:20:22 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.023 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BM027875.D

Acq: 21 Nov 2020 11:20

Instrument :

BNA_M

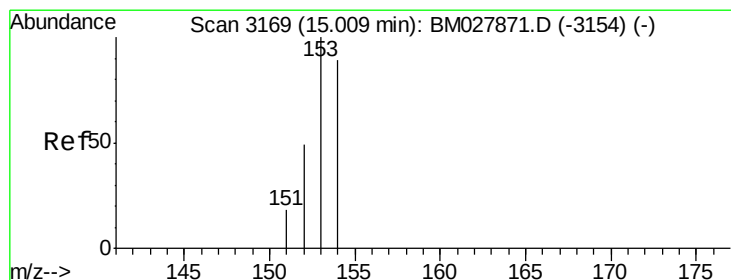
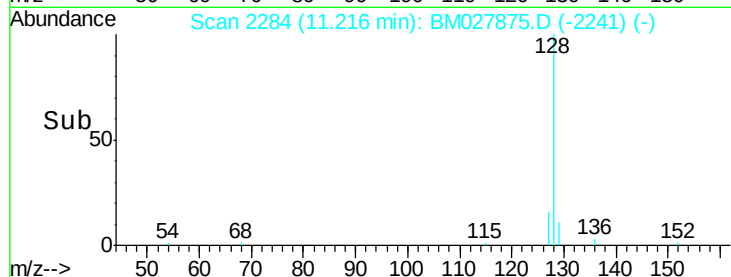
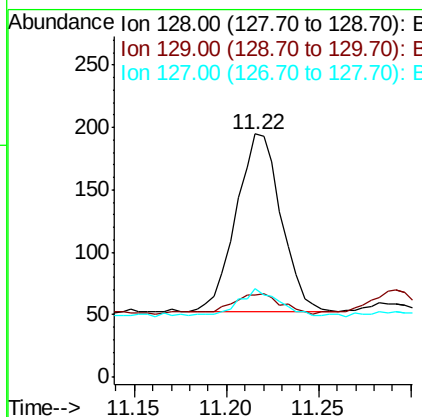
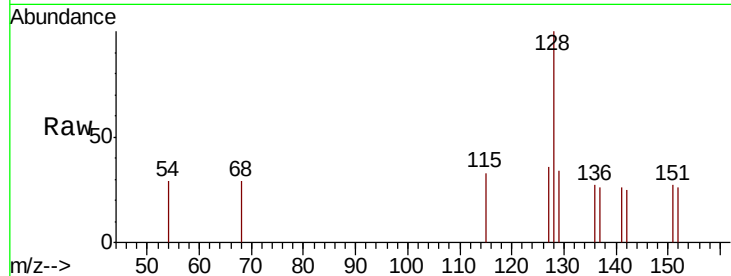
ClientSampleID :

C0AW5DL

Tot Ion:	128	Resp:	243
Ion	Ratio	Lower	Upper
128	100		
129	33.8	10.4	15.6#
127	36.4	12.0	18.0#

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#8

Acenaphthene

Concen: 0.036 ng/ul

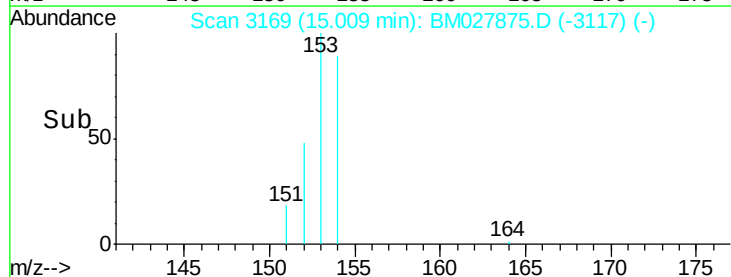
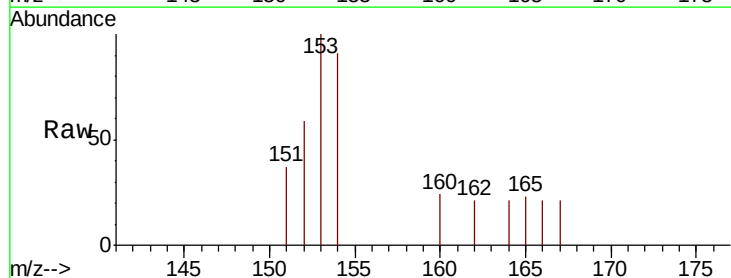
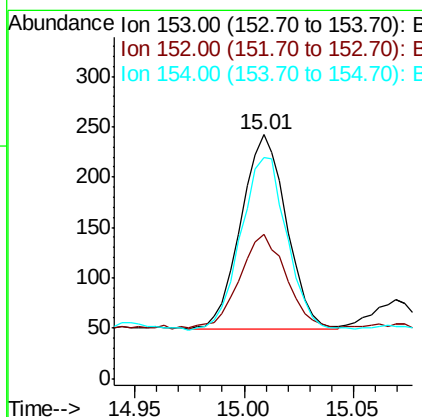
RT: 15.01 min Scan# 3169

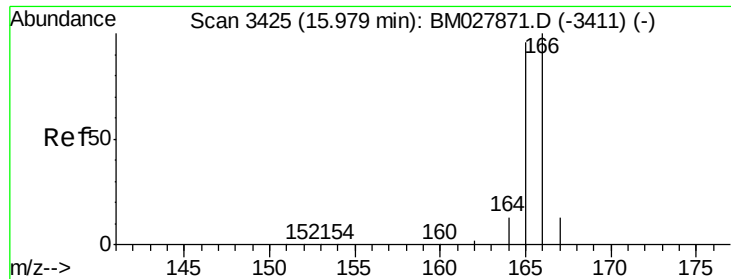
Delta R.T. -0.00 min

Lab File: BM027875.D

Acq: 21 Nov 2020 11:20

Tgt Ion:	153	Resp:	282
Ion	Ratio	Lower	Upper
153	100		
152	59.1	39.0	58.6#
154	90.9	71.6	107.4





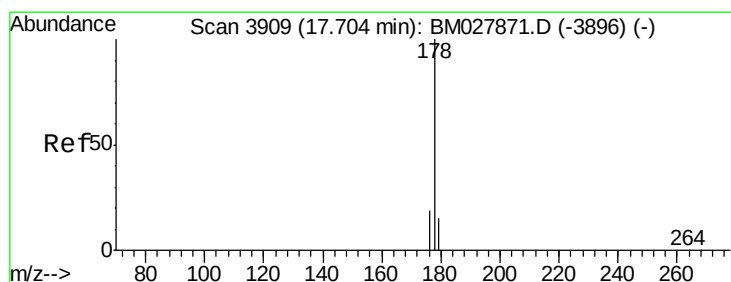
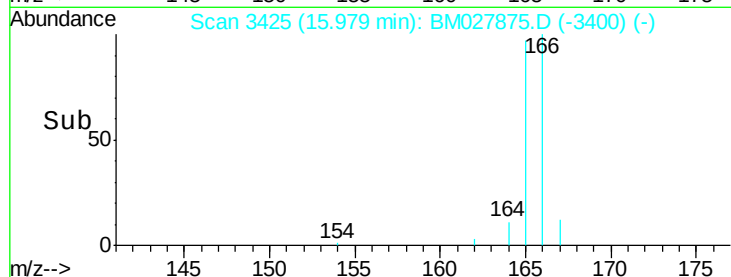
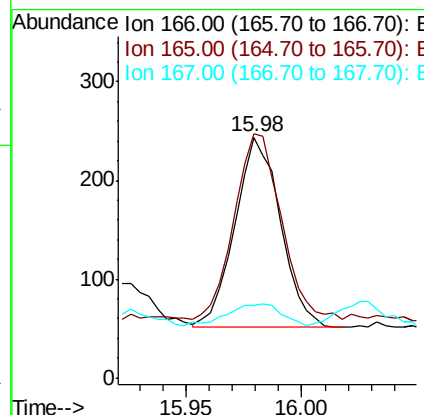
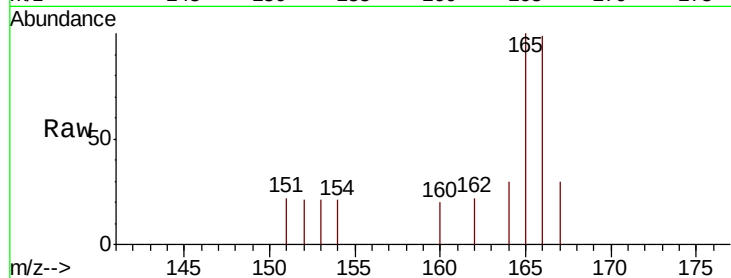
#9
Fluorene
 Concen: 0.029 ng/ul
 RT: 15.98 min Scan# 3425
 Delta R.T. -0.00 min
 Lab File: BM027875.D
 Acq: 21 Nov 2020 11:20

Instrument :
 BNA_M
 ClientSampleId :
 C0AW5DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.2	78.1	117.1
167	30.3	11.8	17.8

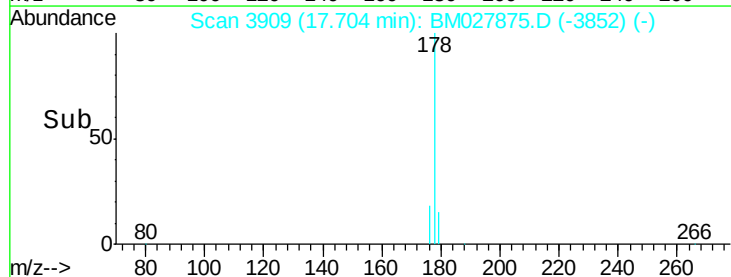
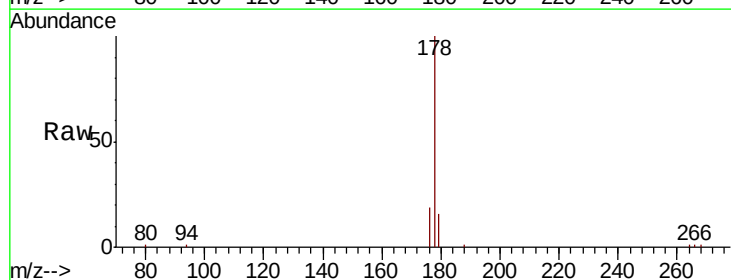
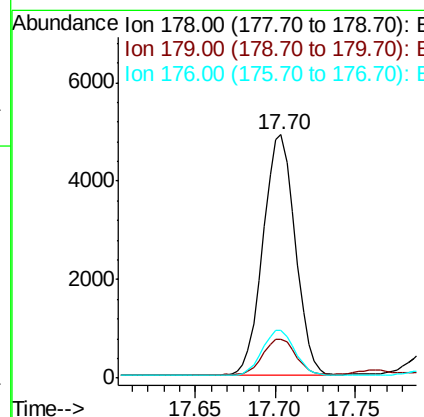
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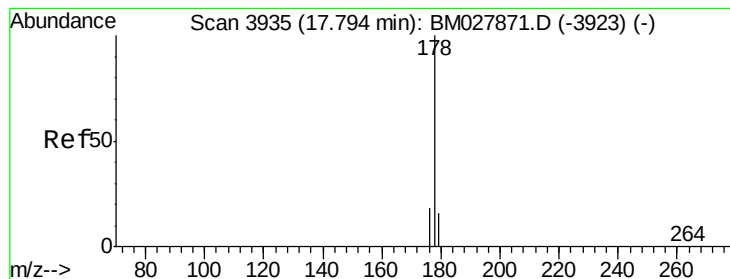
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#12
Phenanthrene
 Concen: 0.471 ng/ul
 RT: 17.70 min Scan# 3909
 Delta R.T. -0.00 min
 Lab File: BM027875.D
 Acq: 21 Nov 2020 11:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.6	20.4
176	19.4	16.1	24.1





#13

Anthracene

Concen: 0.048 ng/ul m

RT: 17.79 min Scan# 3934

Delta R.T. -0.00 min

Lab File: BM027875.D

Acq: 21 Nov 2020 11:20

Instrument :

BNA_M

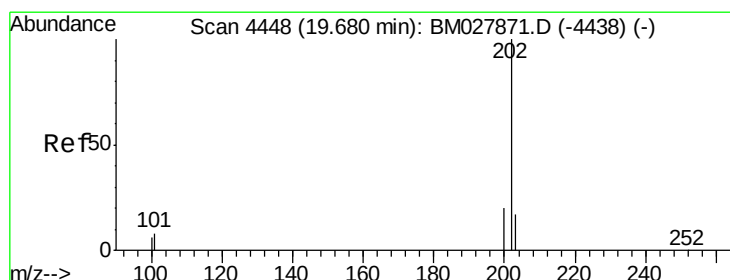
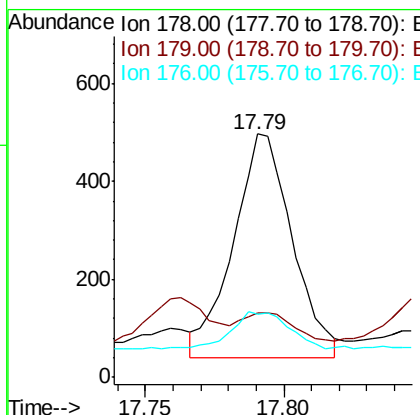
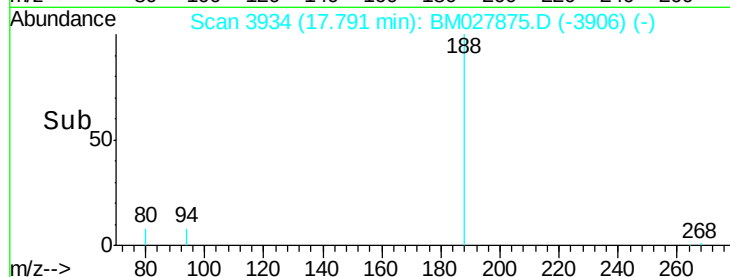
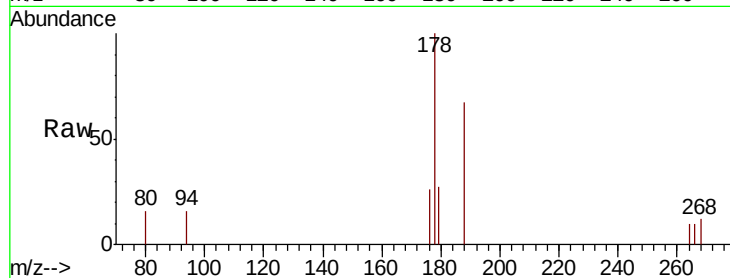
ClientSampleId :

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Tot Ion:	178	Resp:	677
Ion	Ratio	Lower	Upper
178	100		
179	26.6	13.4	20.2#
176	26.0	15.0	22.6#

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#15

Fluoranthene

Concen: 1.021 ng/ul

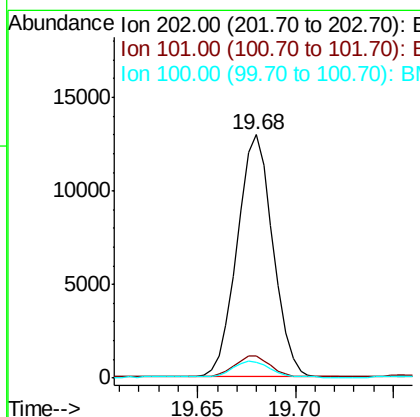
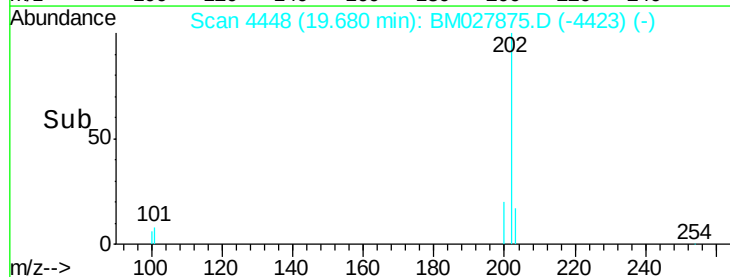
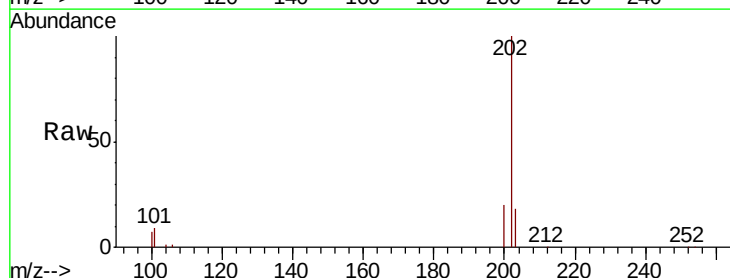
RT: 19.68 min Scan# 4448

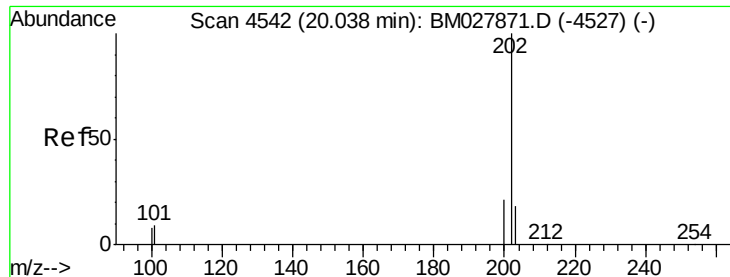
Delta R.T. -0.00 min

Lab File: BM027875.D

Acq: 21 Nov 2020 11:20

Tgt Ion:	202	Resp:	16421
Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	29.3
100	6.7	0.0	27.4





#17

Pvrene

Concen: 0.781 ng/ul

RT: 20.03 min Scan# 4541

Delta R.T. -0.01 min

Lab File: BM027875.D

Acq: 21 Nov 2020 11:20

Instrument :

BNA_M

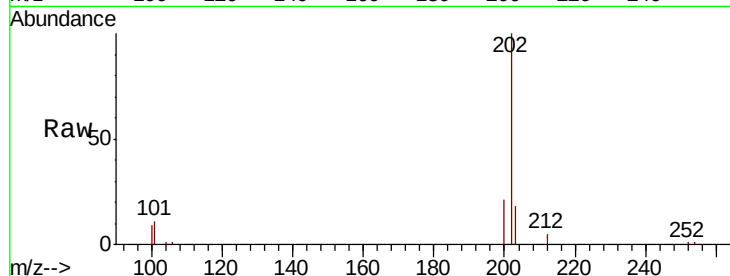
ClientSampleID :

C0AW5DL

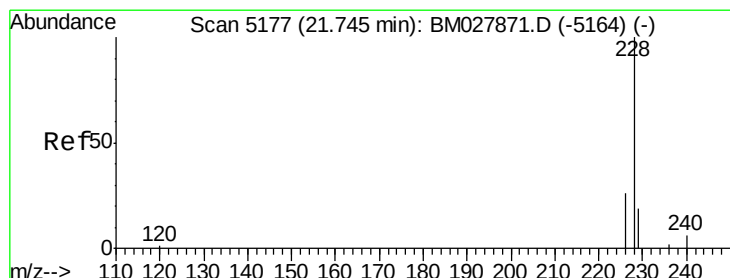
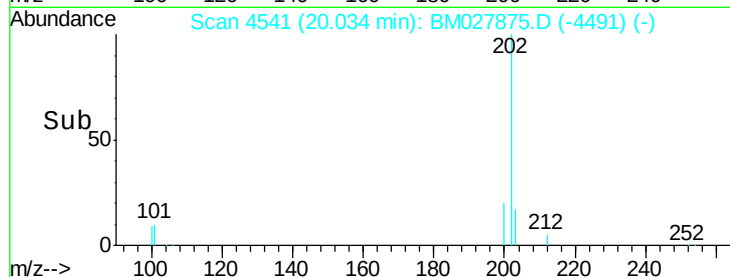
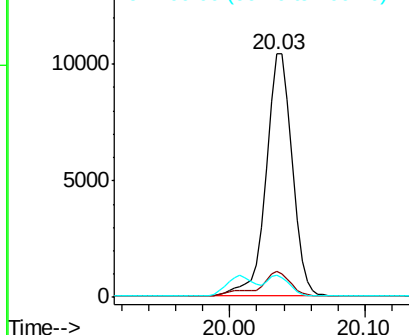
Tot Ion:	202	Resp:	14017
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.2	12.2
100	9.2	6.9	10.3

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 0.415 ng/ul

RT: 21.74 min Scan# 5177

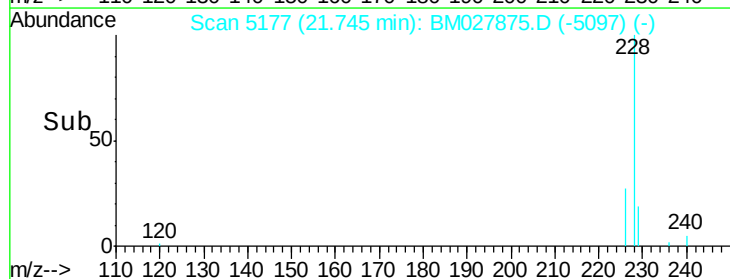
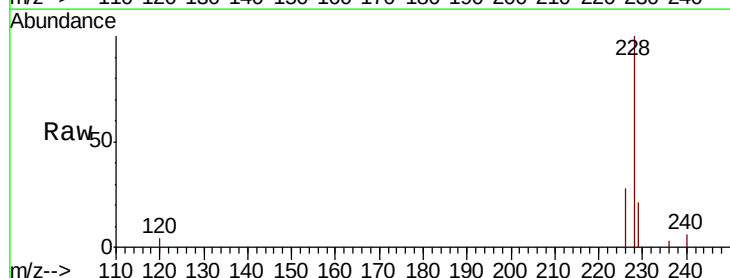
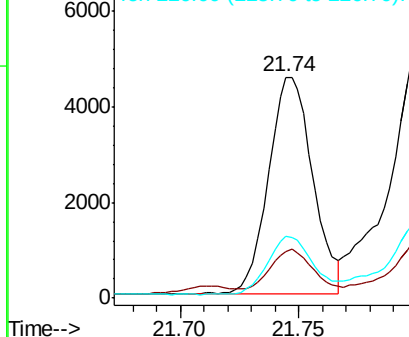
Delta R.T. -0.01 min

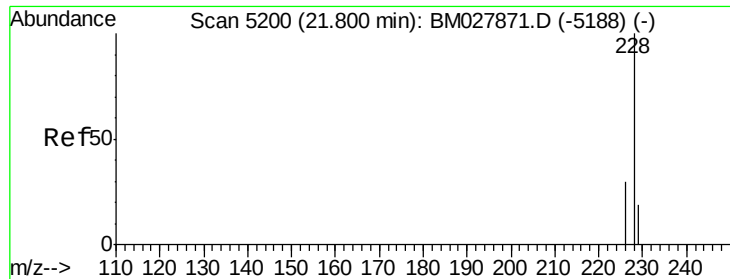
Lab File: BM027875.D

Acq: 21 Nov 2020 11:20

Tgt Ion:	228	Resp:	5915
Ion Ratio	Lower	Upper	
228	100		
229	21.3	16.2	24.4
226	28.1	21.5	32.3

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.562 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. -0.01 min

Lab File: BM027875.D

Acq: 21 Nov 2020 11:20

Instrument :

BNA_M

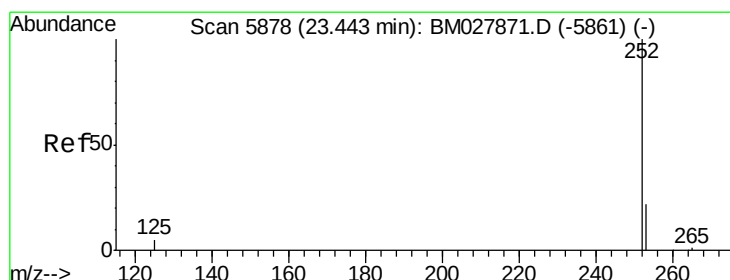
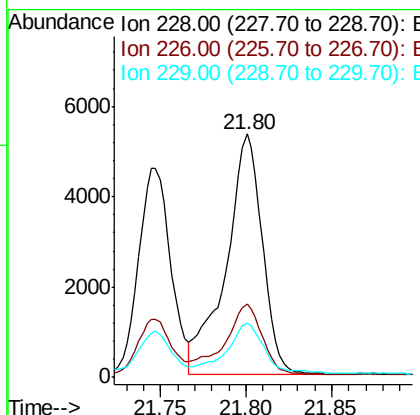
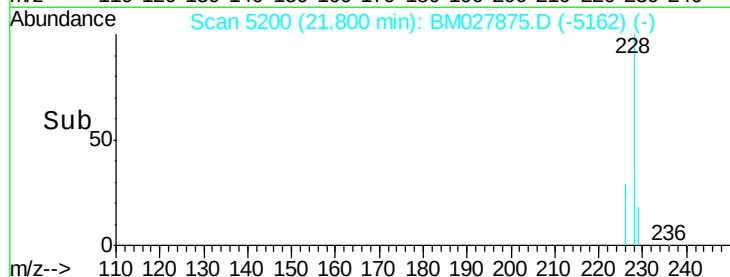
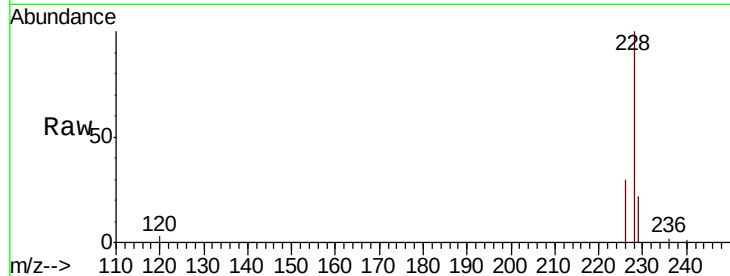
ClientSampleId :

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Tot Ion:	228	Resp:	7800
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.1	36.1
229	22.2	16.6	24.8

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#21

Benzo(b)fluoranthene

Concen: 0.784 ng/ul m

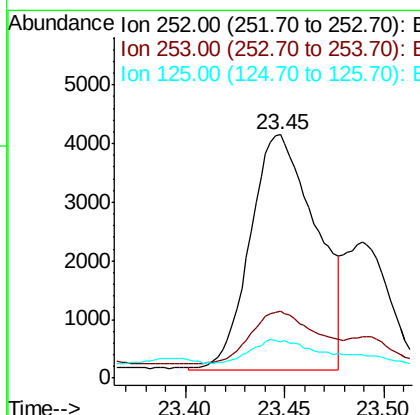
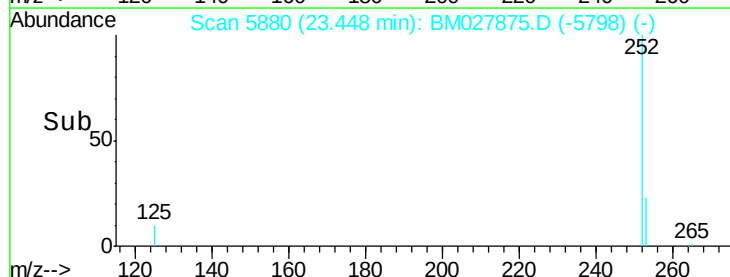
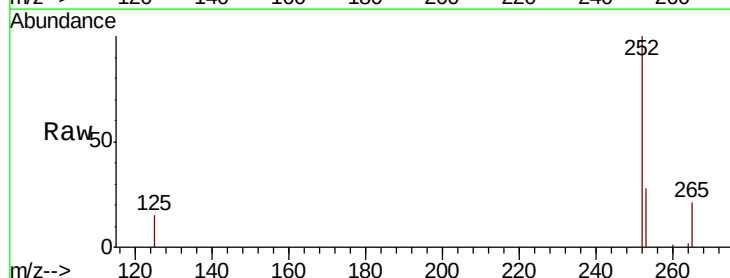
RT: 23.45 min Scan# 5880

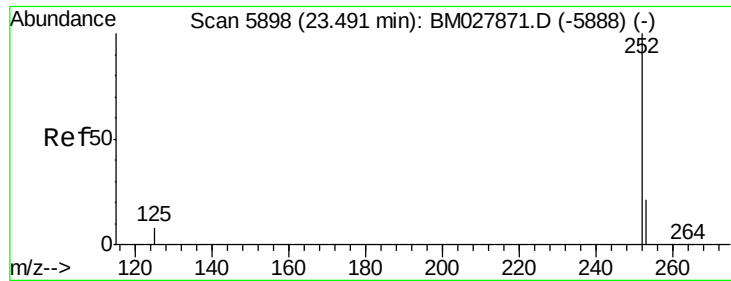
Delta R.T. -0.00 min

Lab File: BM027875.D

Acq: 21 Nov 2020 11:20

Tgt Ion:	252	Resp:	9273
Ion Ratio	Lower	Upper	
252	100		
253	27.5	0.0	59.6
125	15.1	0.0	28.4





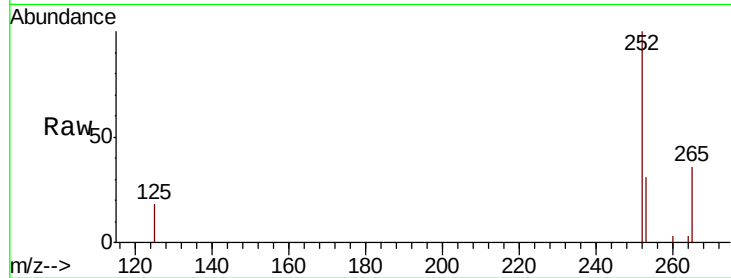
#22
Benzo(k)fluoranthene
Concen: 0.301 ng/ul m
RT: 23.49 min Scan# 5897
Delta R.T. -0.01 min
Lab File: BM027875.D
Acq: 21 Nov 2020 11:20

Instrument :
BNA_M
ClientSampled :
C0AW5DL

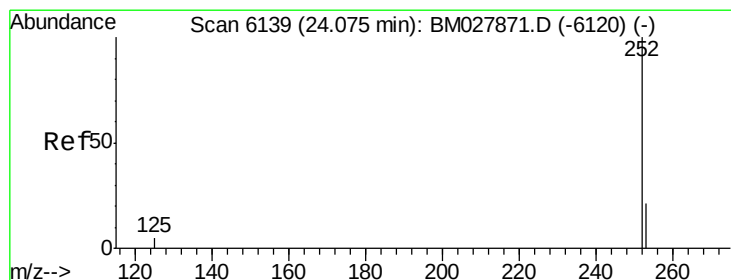
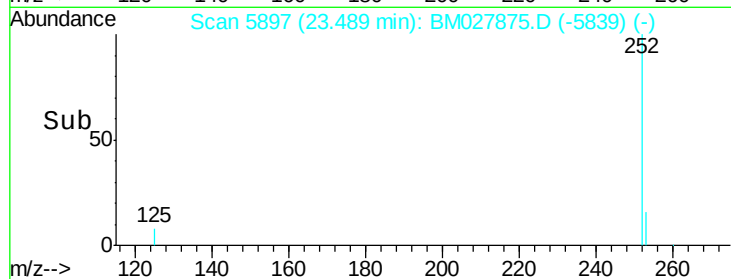
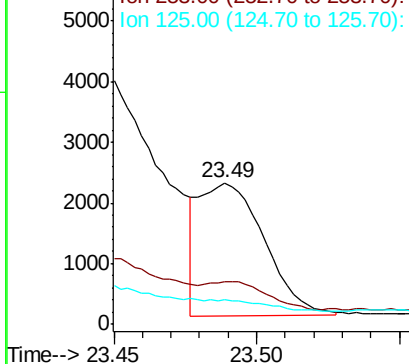
Tot Ion	Ratio	Lower	Upper
252	100		
253	30.6	23.2	34.8
125	17.6	11.8	17.6

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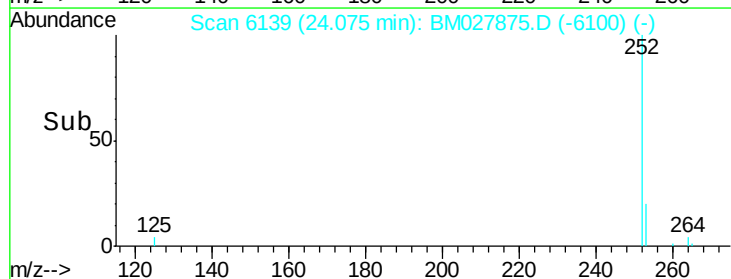
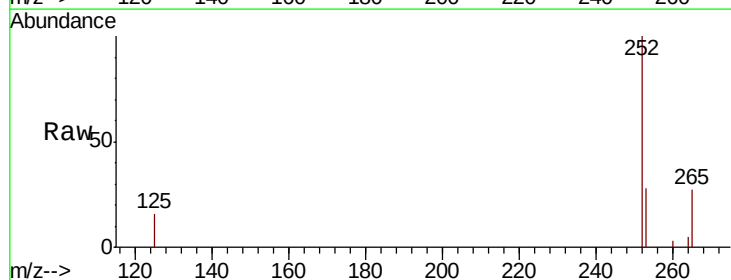
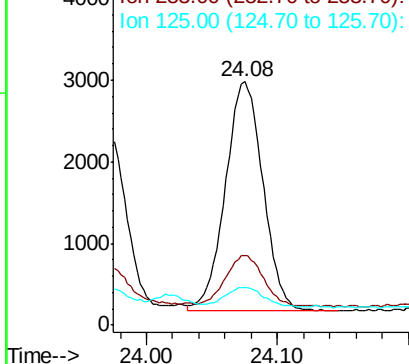
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

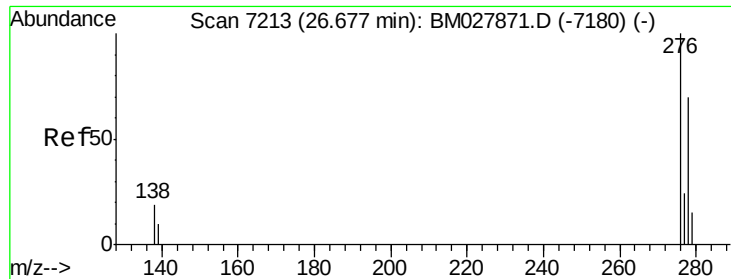


#23
Benzo(a)pyrene
Concen: 0.545 ng/ul
RT: 24.08 min Scan# 6139
Delta R.T. -0.00 min
Lab File: BM027875.D
Acq: 21 Nov 2020 11:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.4	25.2	37.8
125	15.5	13.8	20.6

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





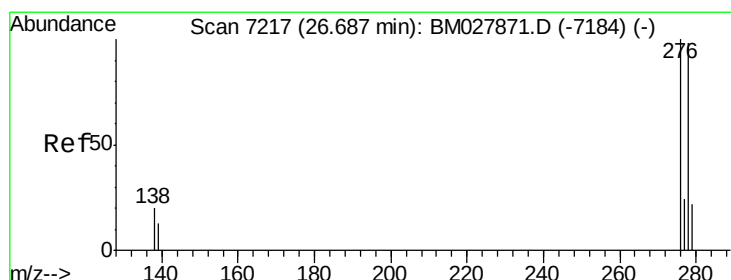
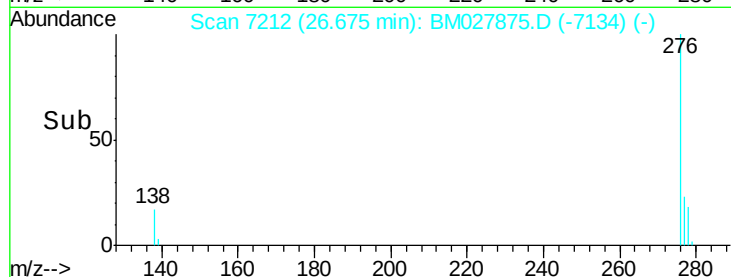
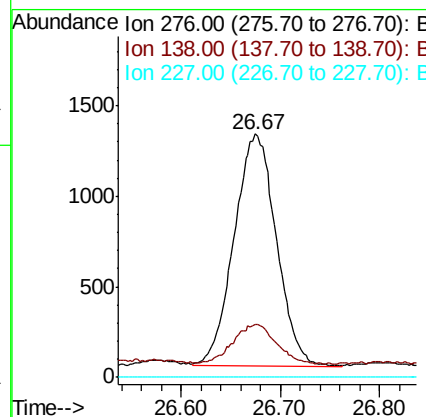
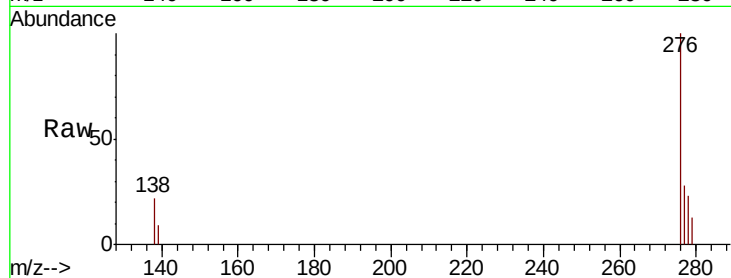
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.337 ng/ul
RT: 26.67 min Scan# 7212
Delta R.T. -0.01 min
Lab File: BM027875.D
Acq: 21 Nov 2020 11:20

Instrument :
BNA_M
ClientSampleId :
C0AW5DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.1	15.7	23.5
227	0.0	0.0	0.0

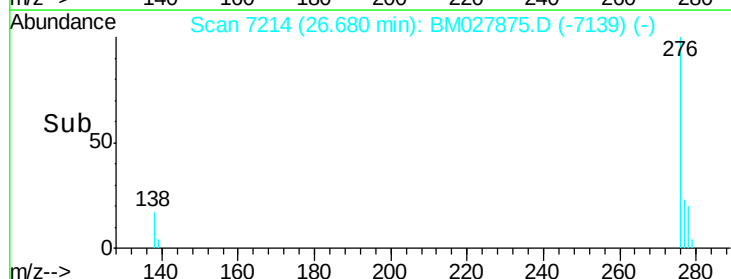
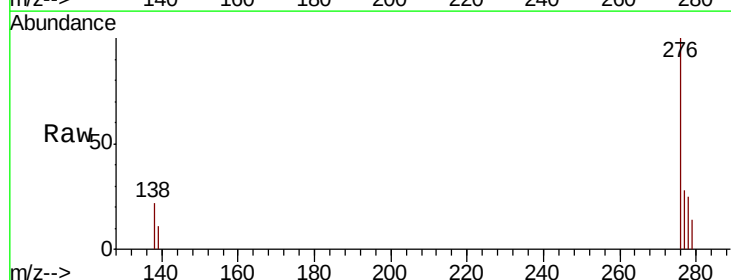
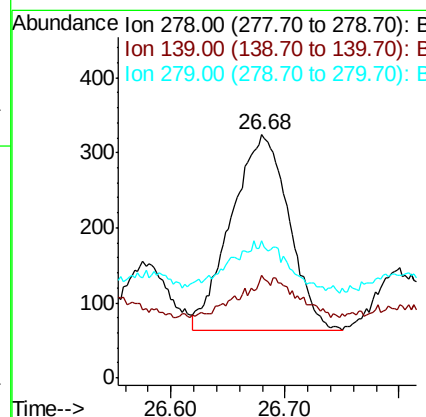
Manual Integrations
APPROVED

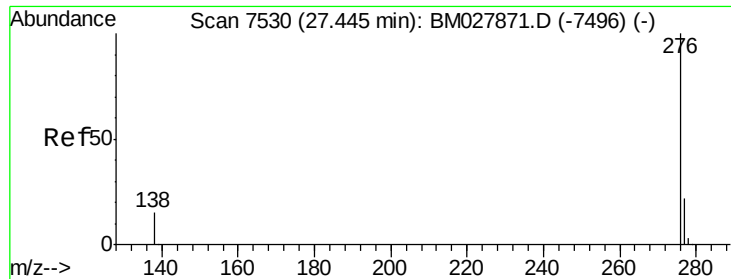
mohammad
11/24/2020 8:58:27 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.098 ng/ul
RT: 26.68 min Scan# 7214
Delta R.T. -0.02 min
Lab File: BM027875.D
Acq: 21 Nov 2020 11:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	42.0	14.8	22.2#
279	56.2	25.8	38.6#





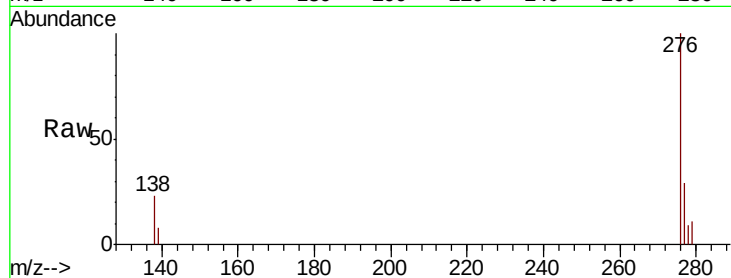
#26
 Benzo(a,h,i)perylene
 Concen: 0.373 ng/ul
 RT: 27.45 min Scan# 7532
 Delta R.T. -0.01 min
 Lab File: BM027875.D
 Acq: 21 Nov 2020 11:20

Instrument :
 BNA_M
 ClientSampleId :
 C0AW5DL

Tot Ion:	276	Resp:	3503
Ion Ratio	Lower	Upper	
276	100		
138	23.4	17.4	26.2
277	28.6	22.5	33.7

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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

