

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
 Data File : BM027974.D
 Acq On : 25 Nov 2020 21:25
 Operator : JU/CG
 Sample : L4749-09DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B75DL

Manual Integrations
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Quant Time: Nov 26 01:14:46 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 : Thu Nov 26 00:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	1165	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4667	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2552	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	4291	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2381	0.40	ng/ul	0.00
20) Perylene-d12	24.17	264	2292	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	161	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	227	0.02	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.69	178	2583	0.191	ng/ul	98
13) Anthracene	17.78	178	336	0.026	ng/ul#	62
15) Fluoranthene	19.67	202	7330	0.488	ng/ul	96
17) Pyrene	20.03	202	5777	0.478	ng/ul	95
18) Benzo(a)anthracene	21.74	228	2594	0.270	ng/ul	93
19) Chrysene	21.80	228	3579	0.382	ng/ul	95
21) Benzo(b)fluoranthene	23.44	252	4228m	0.439	ng/ul	
22) Benzo(k)fluoranthene	23.48	252	1503m	0.159	ng/ul	
23) Benzo(a)pyrene	24.07	252	2531	0.301	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.66	276	1864	0.204	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.67	278	499	0.066	ng/ul#	25
26) Benzo(g,h,i)perylene	27.43	276	1586	0.207	ng/ul#	86

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

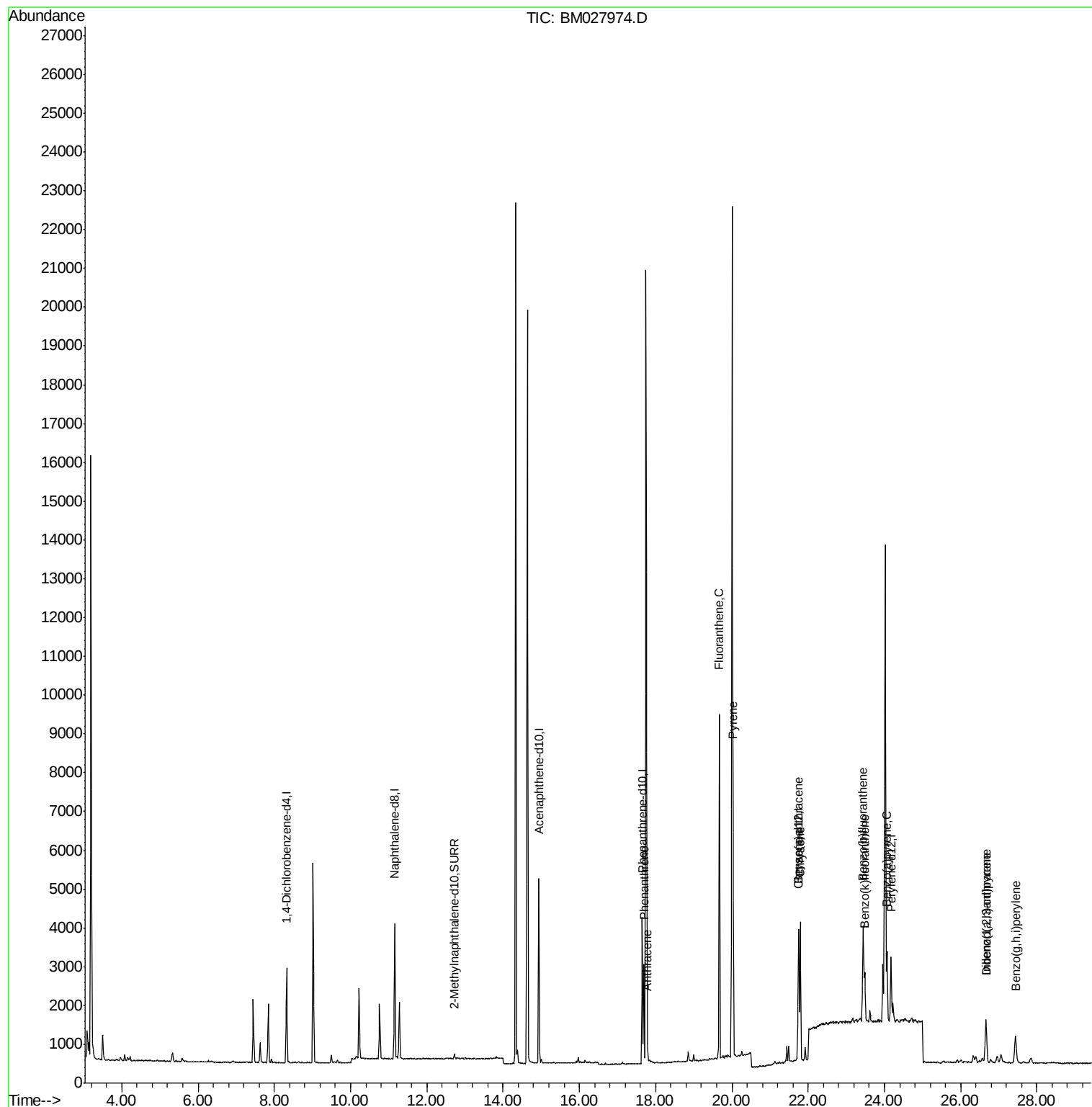
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027974.D
Acq On : 25 Nov 2020 21:25
Operator : JU/CG
Sample : L4749-09DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

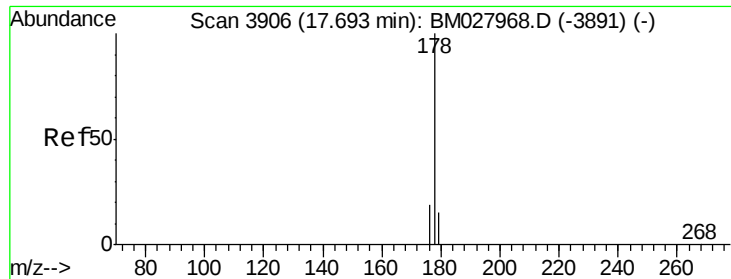
Instrument :
BNA_M
ClientSampleId :
C0B75DL

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Quant Time: Nov 26 01:14:46 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 : Thu Nov 26 00:48:20 2020
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.191 ng/ul

RT: 17.69 min Scan# 3906

Delta R.T. -0.00 min

Lab File: BM027974.D

Acq: 25 Nov 2020 21:25

Instrument :

BNA_M

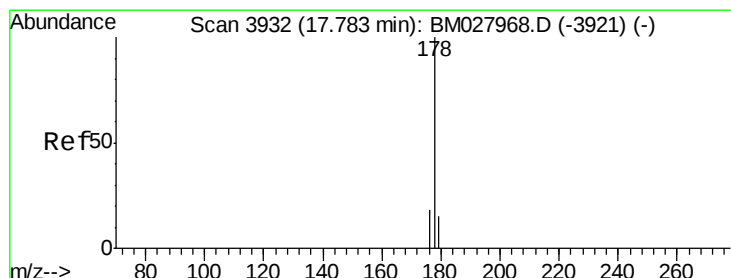
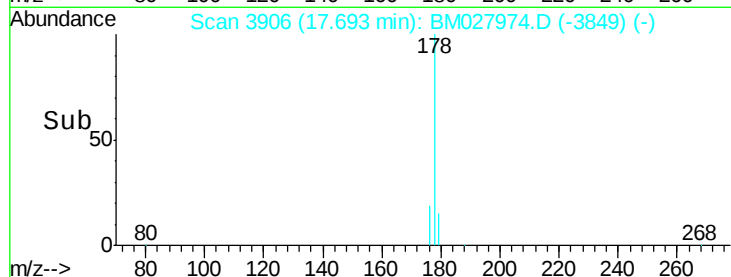
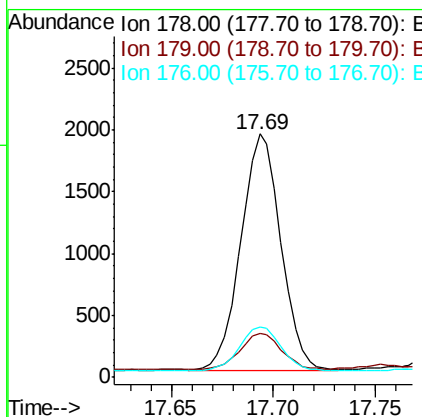
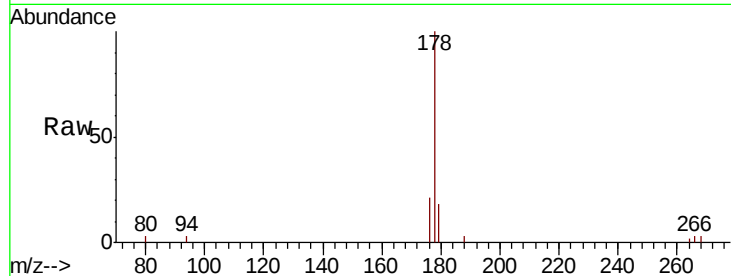
ClientSampleId :

C0B75DL

Tot Ion:	178	Resp:	2583
Ion Ratio	Lower	Upper	
178	100		
179	18.1	13.6	20.4
176	20.8	16.1	24.1

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#13

Anthracene

Concen: 0.026 ng/ul

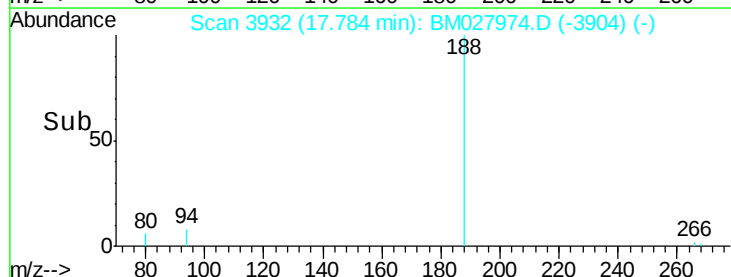
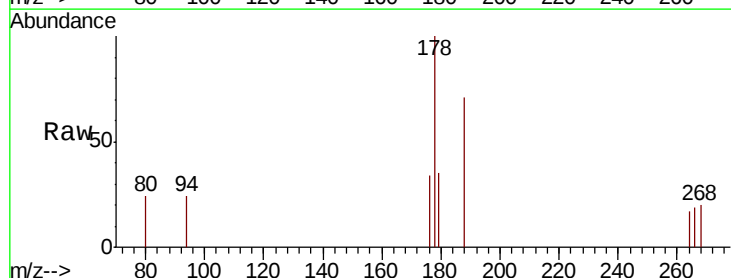
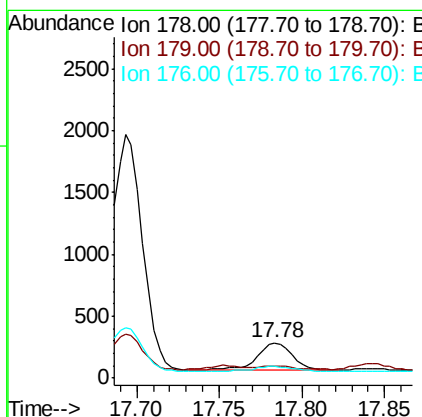
RT: 17.78 min Scan# 3932

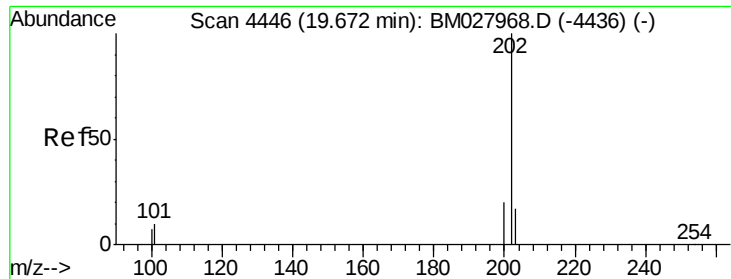
Delta R.T. -0.00 min

Lab File: BM027974.D

Acq: 25 Nov 2020 21:25

Tgt Ion:	178	Resp:	336
Ion Ratio	Lower	Upper	
178	100		
179	35.0	13.4	20.2#
176	34.3	15.0	22.6#





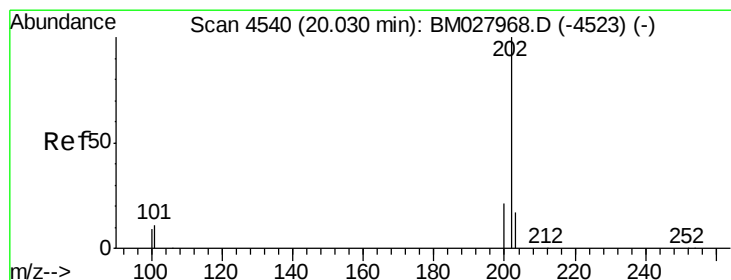
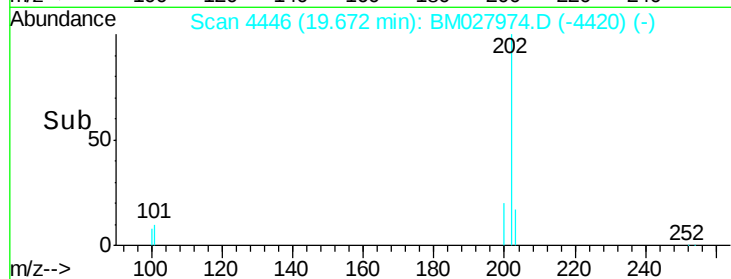
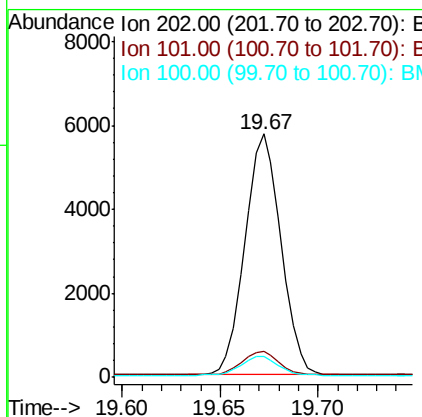
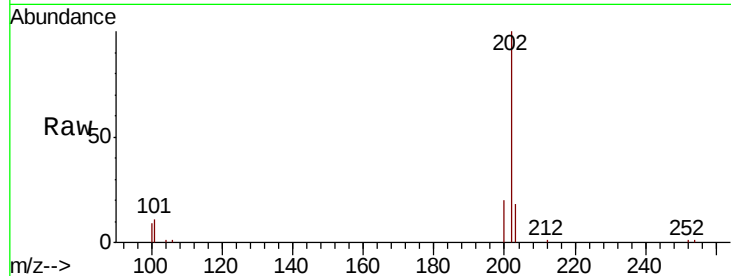
#15
Fluoranthene
 Concen: 0.488 ng/ul
 RT: 19.67 min Scan# 4446
 Delta R.T. 0.00 min
 Lab File: BM027974.D
 Acq: 25 Nov 2020 21:25

Instrument :
 BNA_M
 ClientSampleId :
 C0B75DL

Tot Ion:	202	Resp:	7330
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	29.3
100	8.7	0.0	27.4

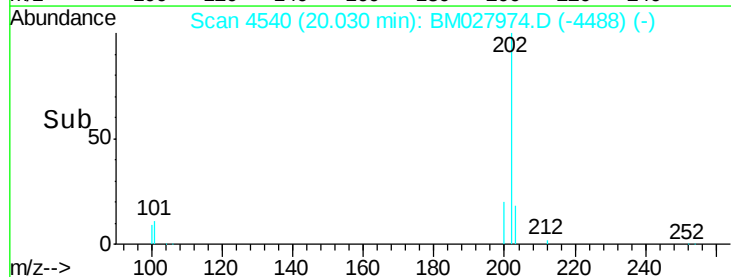
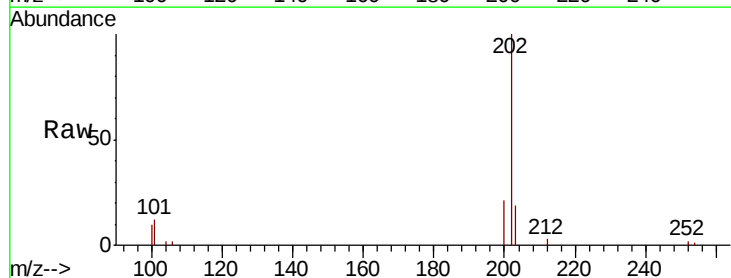
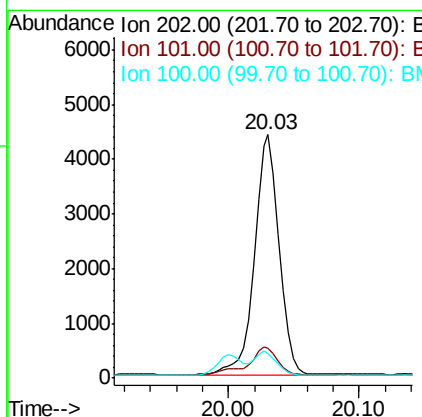
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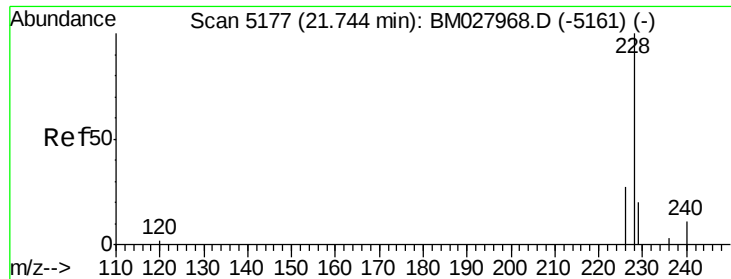
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#17
Pyrene
 Concen: 0.478 ng/ul
 RT: 20.03 min Scan# 4540
 Delta R.T. 0.00 min
 Lab File: BM027974.D
 Acq: 25 Nov 2020 21:25

Tgt Ion:	202	Resp:	5777
Ion Ratio	Lower	Upper	
202	100		
101	12.2	8.2	12.2
100	10.0	6.9	10.3





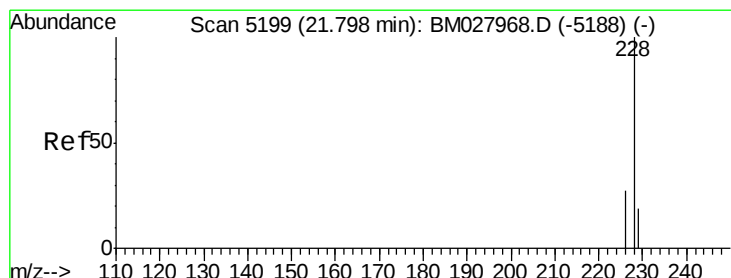
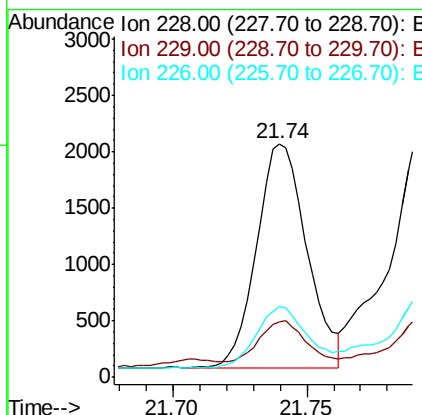
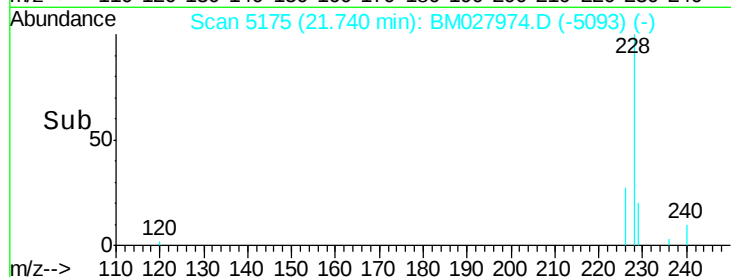
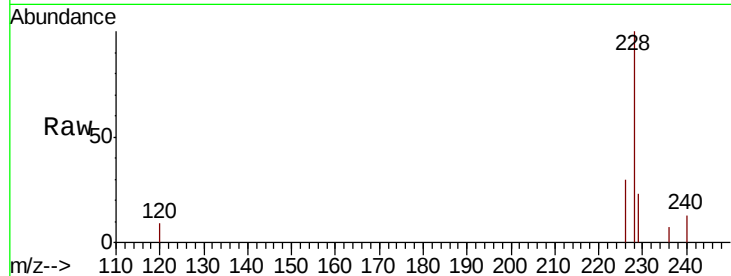
#18
Benzo(a)anthracene
Concen: 0.270 ng/ul
RT: 21.74 min Scan# 5175
Delta R.T. -0.00 min
Lab File: BM027974.D
Acq: 25 Nov 2020 21:25

Instrument :
BNA_M
ClientSampled :
C0B75DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.5	16.2	24.4
226	30.3	21.5	32.3

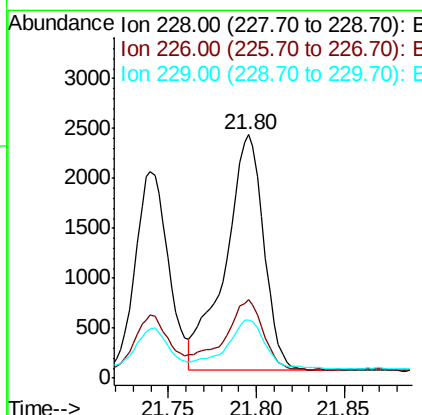
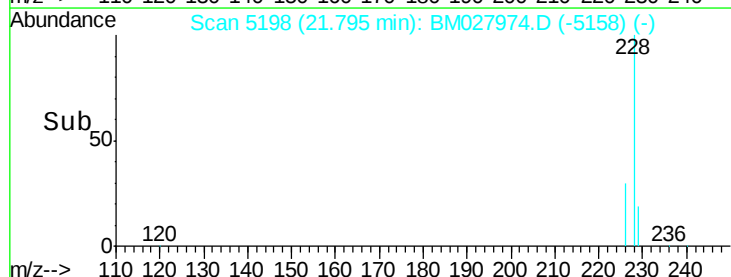
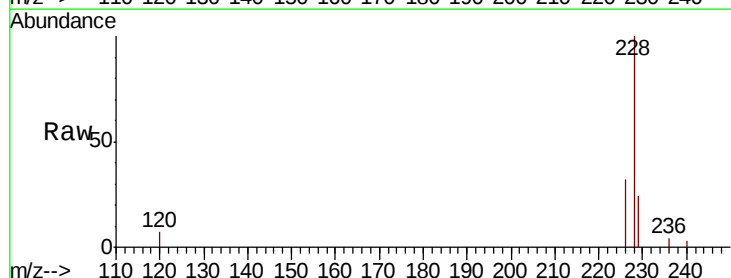
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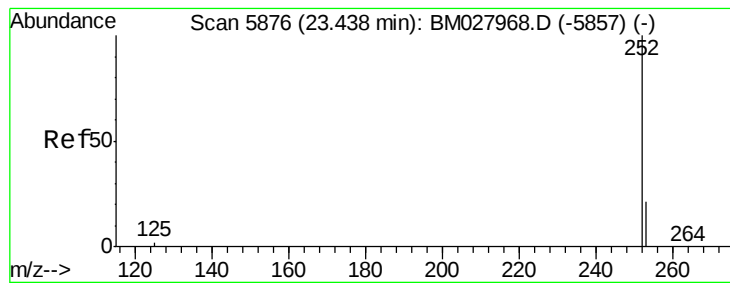
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#19
Chrysene
Concen: 0.382 ng/ul
RT: 21.80 min Scan# 5198
Delta R.T. -0.00 min
Lab File: BM027974.D
Acq: 25 Nov 2020 21:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.1	36.1
229	23.9	16.6	24.8





#21

Benzo(b)fluoranthene

Concen: 0.439 ng/ul m

RT: 23.44 min Scan# 5876

Delta R.T. 0.00 min

Lab File: BM027974.D

Acq: 25 Nov 2020 21:25

Instrument :

BNA_M

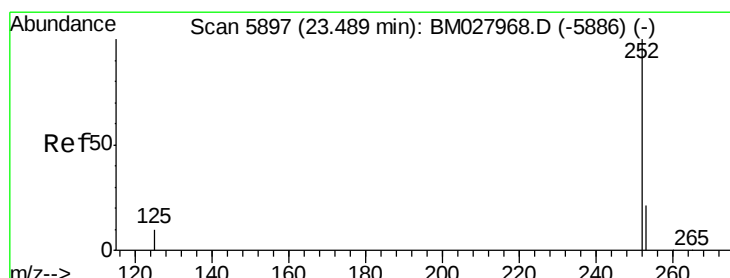
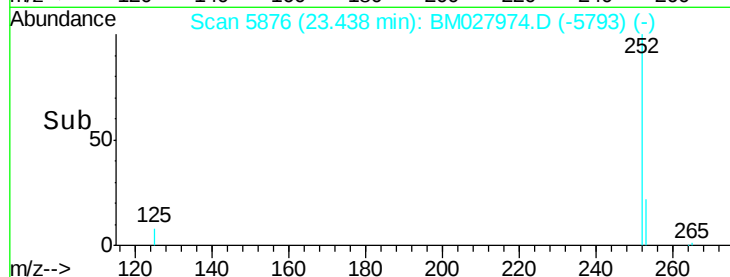
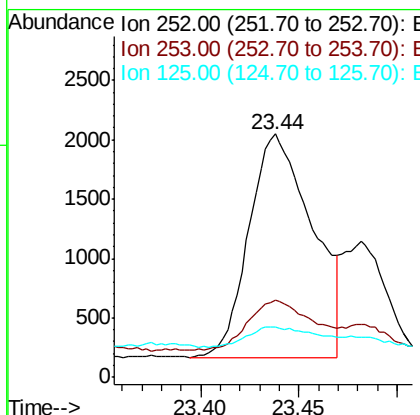
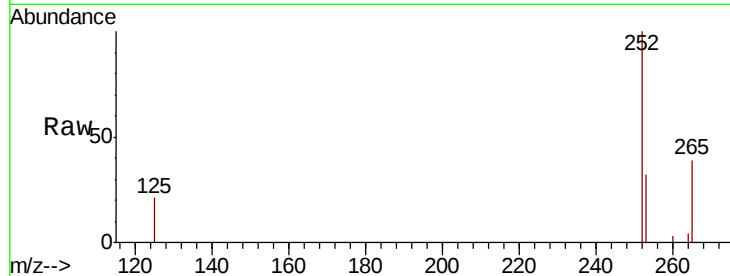
ClientSampleId :

C0B75DL

Tot Ion:	252	Resp:	4228
Ion Ratio	Lower	Upper	
252	100		
253	31.6	0.0	59.6
125	20.7	0.0	28.4

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#22

Benzo(k)fluoranthene

Concen: 0.159 ng/ul m

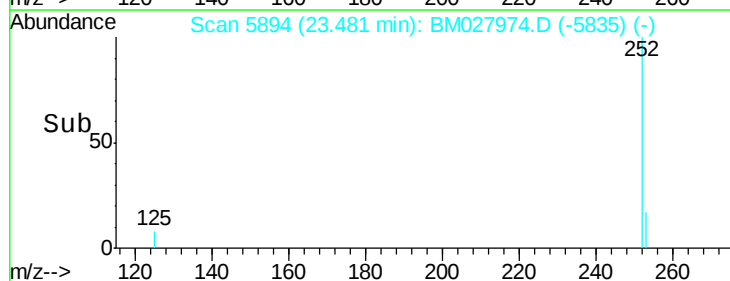
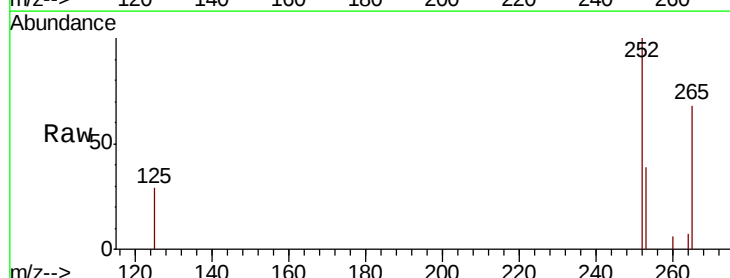
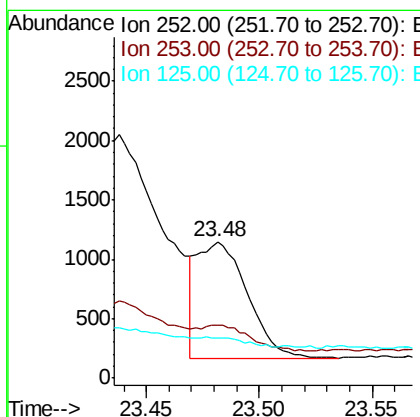
RT: 23.48 min Scan# 5894

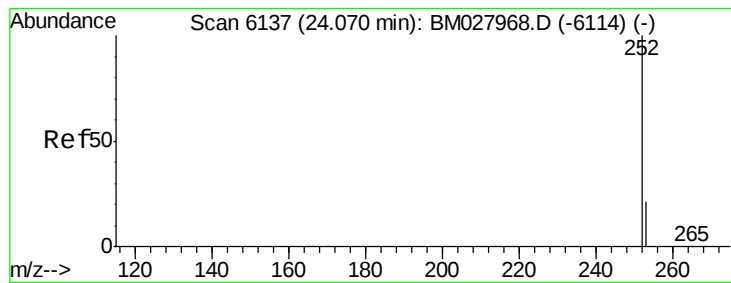
Delta R.T. -0.01 min

Lab File: BM027974.D

Acq: 25 Nov 2020 21:25

Tgt Ion:	252	Resp:	1503
Ion Ratio	Lower	Upper	
252	100		
253	39.1	23.2	34.8#
125	29.2	11.8	17.6#





#23

Benzo(a)pyrene

Concen: 0.301 ng/u1

RT: 24.07 min Scan# 6135

Delta R.T. -0.00 min

Lab File: BM027974.D

Acq: 25 Nov 2020 21:25

Instrument :

BNA_M

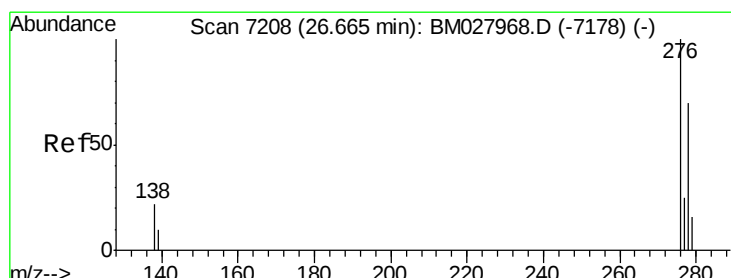
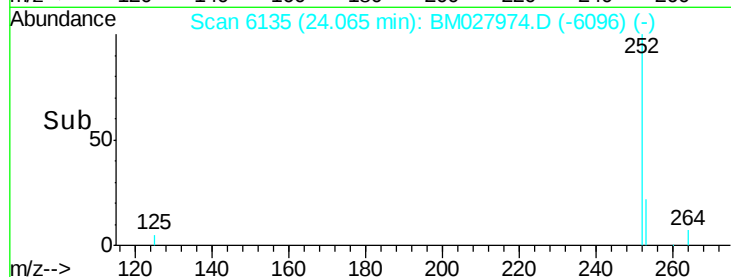
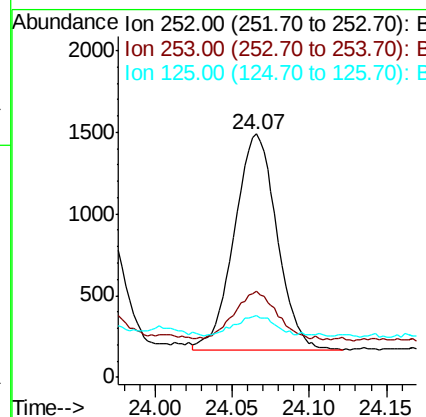
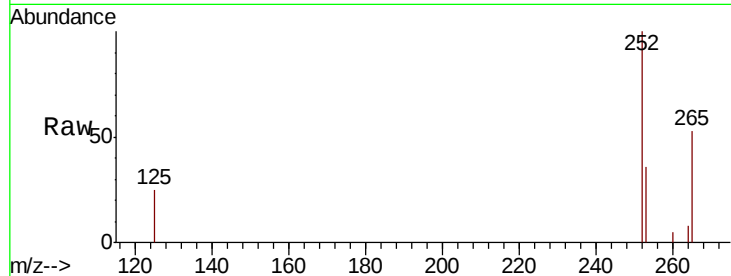
ClientSampleId :

C0B75DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	35.6	25.2	37.8
125	25.4	13.8	20.6

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.204 ng/u1

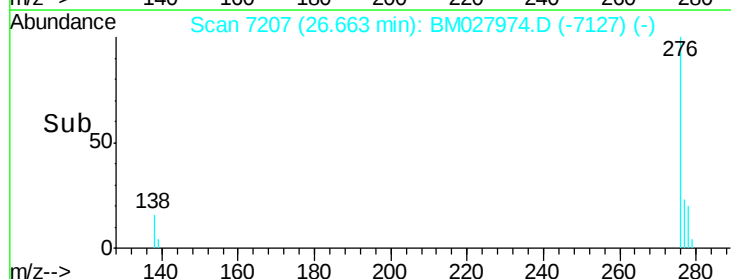
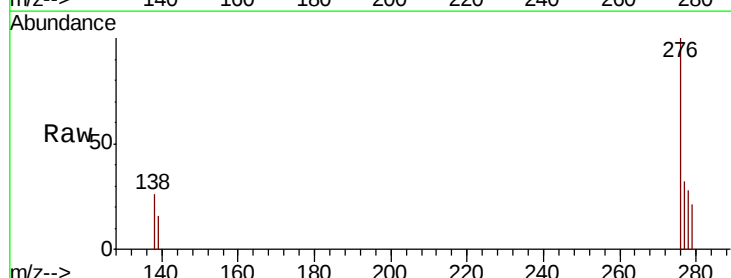
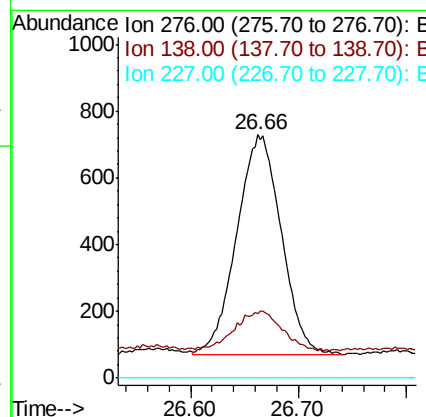
RT: 26.66 min Scan# 7207

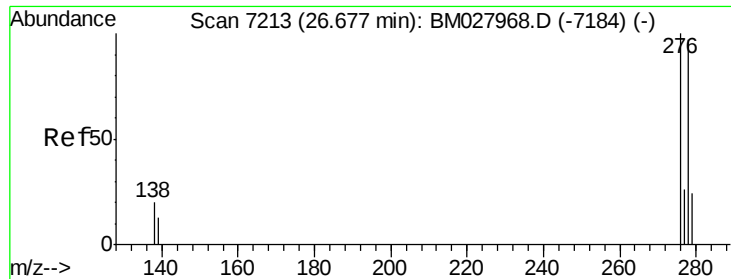
Delta R.T. -0.01 min

Lab File: BM027974.D

Acq: 25 Nov 2020 21:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	15.7	23.5
227	0.0	0.0	0.0





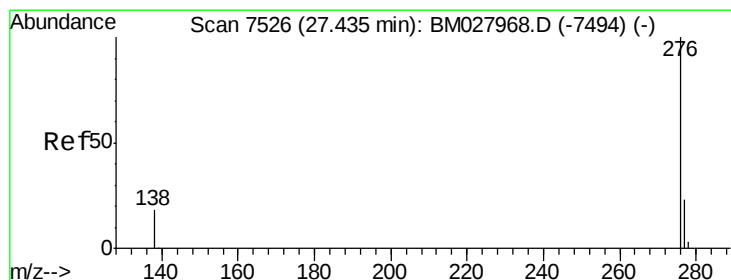
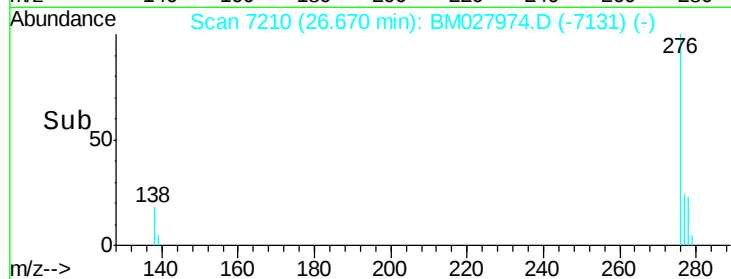
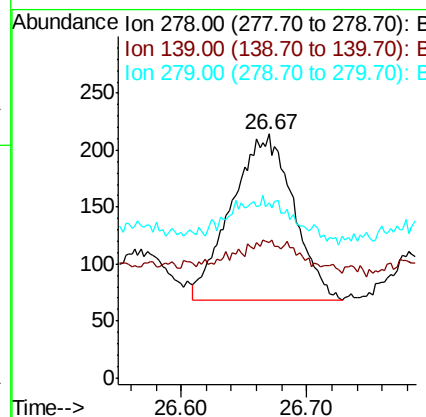
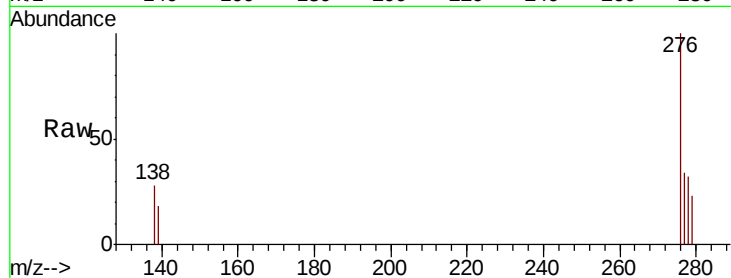
#25
Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul
RT: 26.67 min Scan# 7210
Delta R.T. -0.01 min
Lab File: BM027974.D
Acq: 25 Nov 2020 21:25

Instrument :
BNA_M
ClientSampleId :
C0B75DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	55.6	14.8	22.2#
279	72.0	25.8	38.6#

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#26
Benzo(g,h,i)perylene
Concen: 0.207 ng/ul
RT: 27.43 min Scan# 7525
Delta R.T. -0.01 min
Lab File: BM027974.D
Acq: 25 Nov 2020 21:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.2	17.4	26.2#
277	33.8	22.5	33.7#

