

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
 Data File : BM027964.D
 Acq On : 25 Nov 2020 15:22
 Operator : JU/CG
 Sample : L4751-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B85

Manual Integrations
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mohammad
 11/27/2020 11:43:32 AM

Quant Time: Nov 25 15:58:48 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 : Wed Nov 25 10:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	796	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	3206	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1816	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3227	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	1802	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	1830	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	808	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	1210	0.14	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.21	128	752	0.078	ng/ul#	82
5) 2-Methylnaphthalene	12.79	142	352	0.054	ng/ul	99
7) Acenaphthylene	14.67	152	798	0.090	ng/ul#	83
8) Acenaphthene	15.00	153	2047	0.308	ng/ul	99
9) Fluorene	15.97	166	2043	0.265	ng/ul	98
12) Phenanthrene	17.70	178	72476	7.110	ng/ul	97
13) Anthracene	17.79	178	11635	1.183	ng/ul	99
15) Fluoranthene	19.68	202	245069	21.682	ng/ul	99
17) Pyrene	20.03	202	195425	21.354	ng/ul	96
18) Benzo(a)anthracene	21.74	228	99812	13.728	ng/ul	100
19) Chrysene	21.80	228	126253	17.828	ng/ul	99
21) Benzo(b)fluoranthene	23.44	252	161140m	20.952	ng/ul	
22) Benzo(k)fluoranthene	23.48	252	57339m	7.613	ng/ul	
23) Benzo(a)pyrene	24.07	252	94438	14.044	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.67	276	73288	10.066	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.67	278	18756	3.094	ng/ul	92
26) Benzo(a,h,i)perylene	27.44	276	64712	10.594	ng/ul	93

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

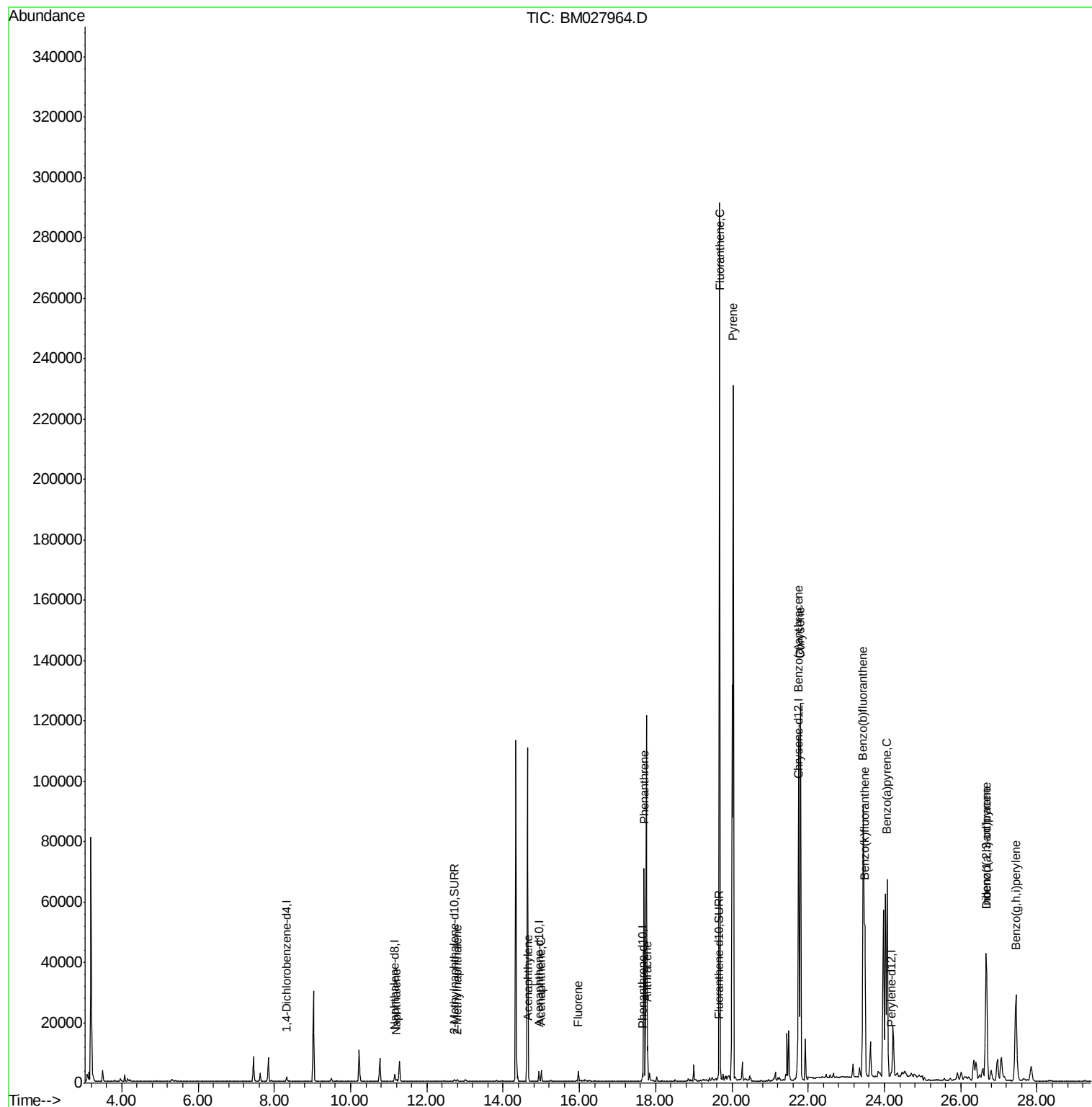
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027964.D
Acq On : 25 Nov 2020 15:22
Operator : JU/CG
Sample : L4751-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

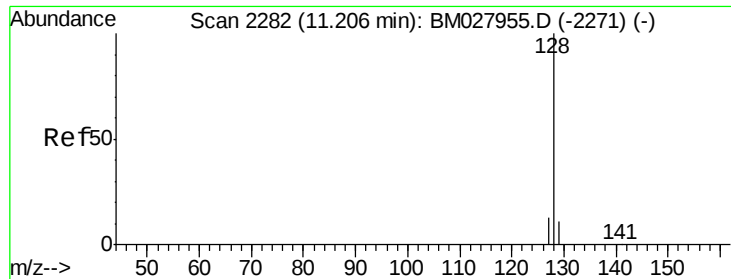
Instrument :
BNA_M
ClientSampleId :
C0B85

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Quant Time: Nov 25 15:58:48 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 : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.078 ng/ul

RT: 11.21 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BM027964.D

Acq: 25 Nov 2020 15:22

Instrument :

BNA_M

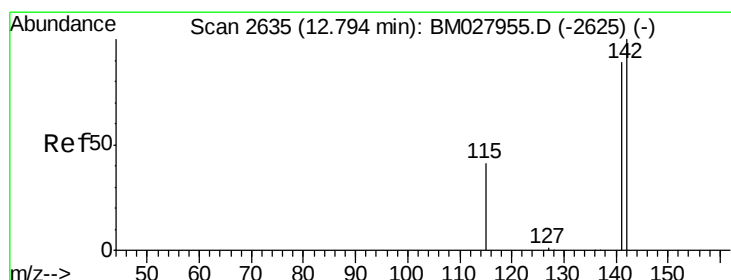
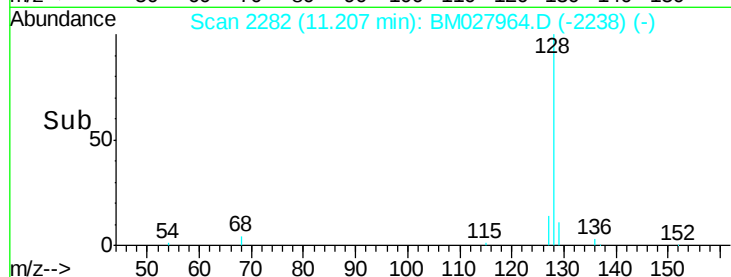
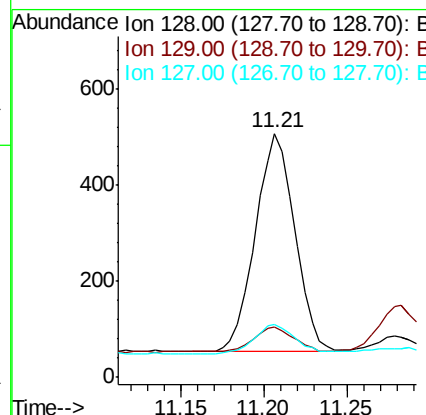
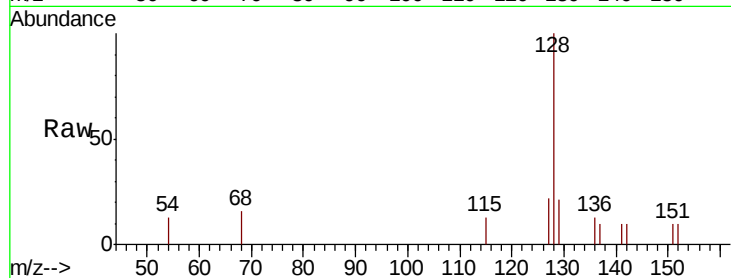
ClientSampleId :

C0B85

Tot Ion:	128	Resp:	752
Ion Ratio	Lower	Upper	
128	100		
129	20.8	10.4	15.6#
127	21.9	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.054 ng/ul

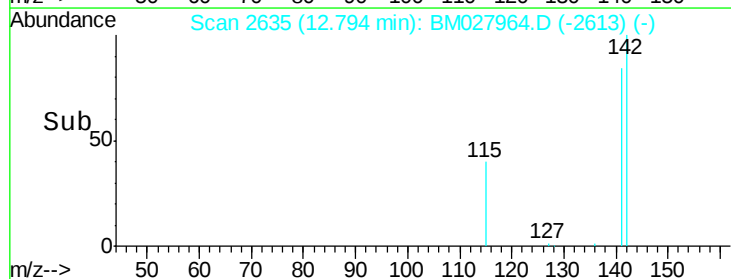
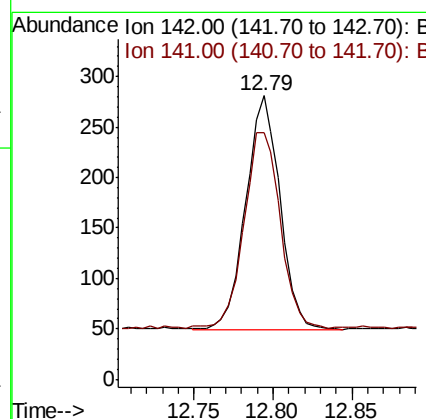
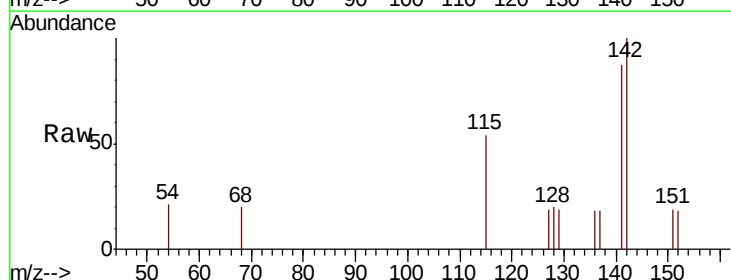
RT: 12.79 min Scan# 2635

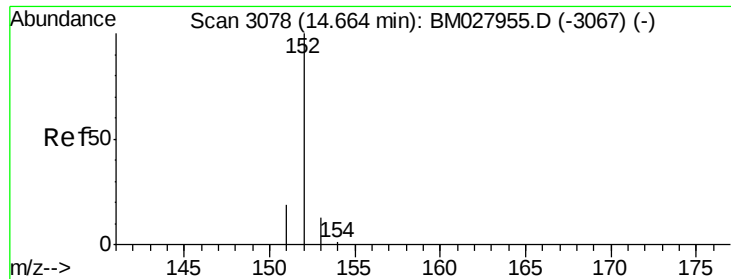
Delta R.T. 0.00 min

Lab File: BM027964.D

Acq: 25 Nov 2020 15:22

Tgt Ion:	142	Resp:	352
Ion Ratio	Lower	Upper	
142	100		
141	88.9	71.6	107.4





#7

Acenaphthylene

Concen: 0.090 ng/ul

RT: 14.67 min Scan# 3079

Delta R.T. 0.00 min

Lab File: BM027964.D

Acq: 25 Nov 2020 15:22

Instrument :

BNA_M

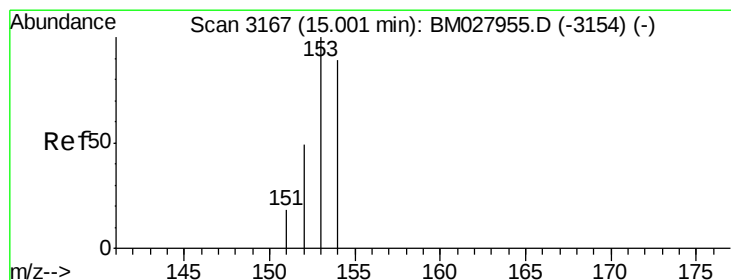
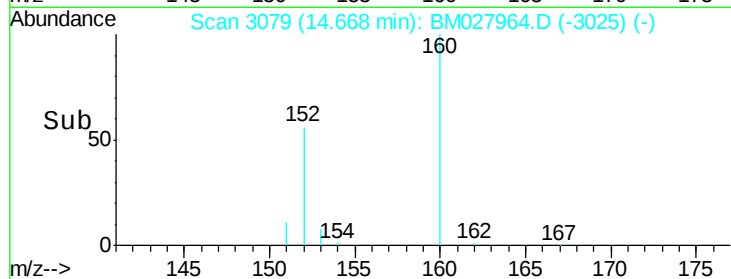
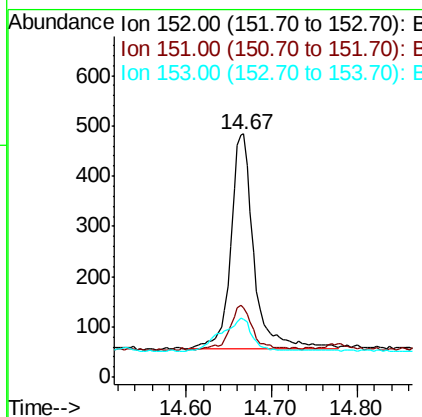
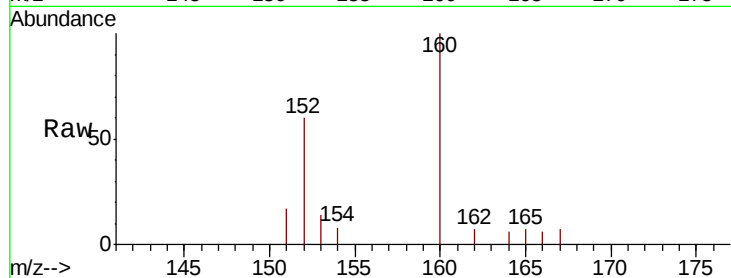
ClientSampleId :

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Tot Ion:	152	Resp:	798
Ion Ratio	Lower	Upper	
152	100		
151	28.3	17.1	25.7#
153	23.6	12.0	18.0#

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#8

Acenaphthene

Concen: 0.308 ng/ul

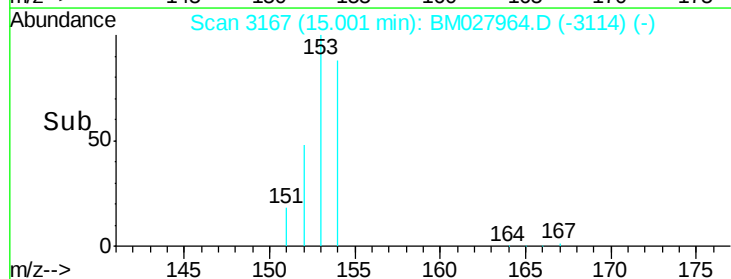
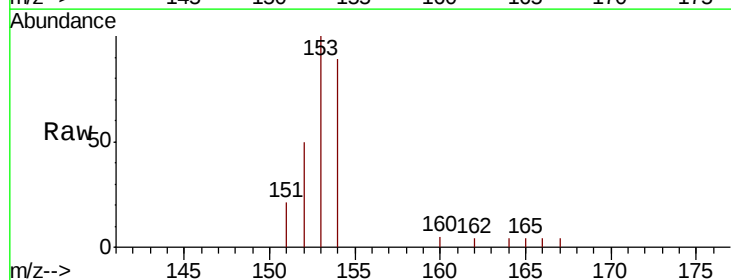
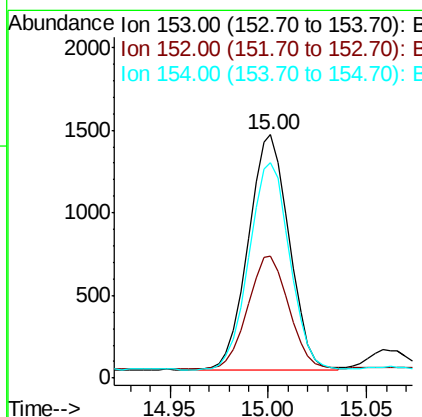
RT: 15.00 min Scan# 3167

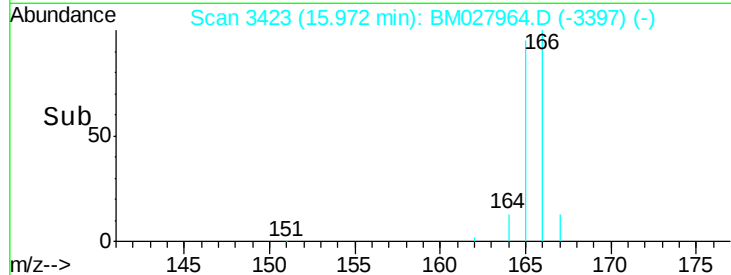
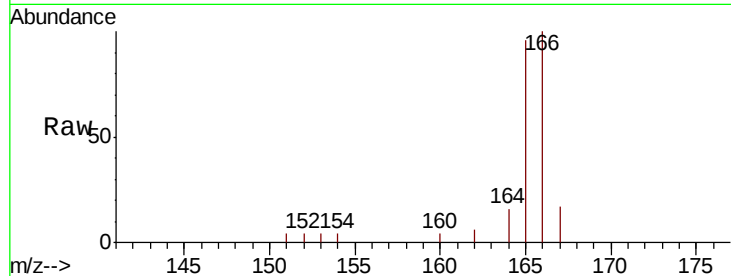
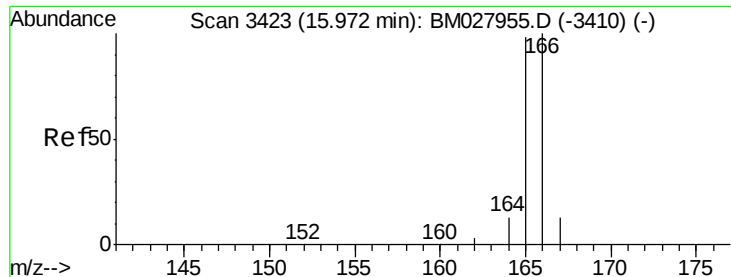
Delta R.T. 0.00 min

Lab File: BM027964.D

Acq: 25 Nov 2020 15:22

Tgt Ion:	153	Resp:	2047
Ion Ratio	Lower	Upper	
153	100		
152	50.1	39.0	58.6
154	88.6	71.6	107.4





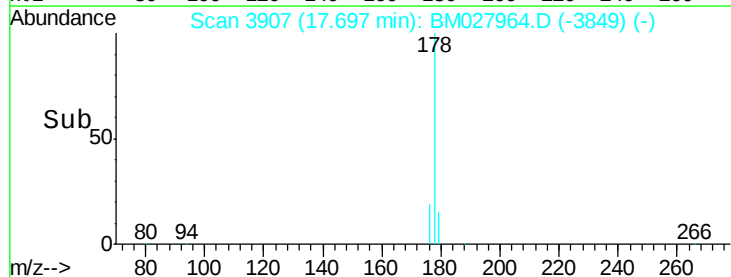
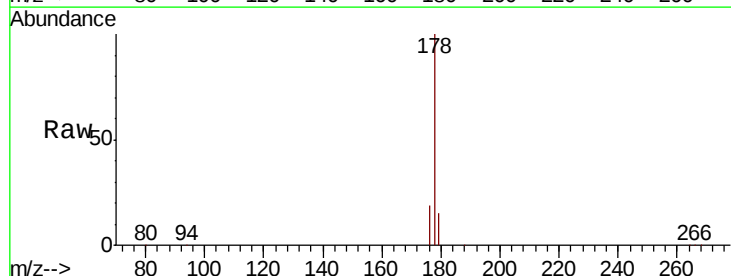
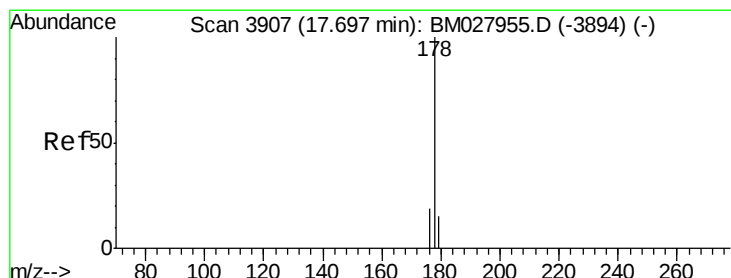
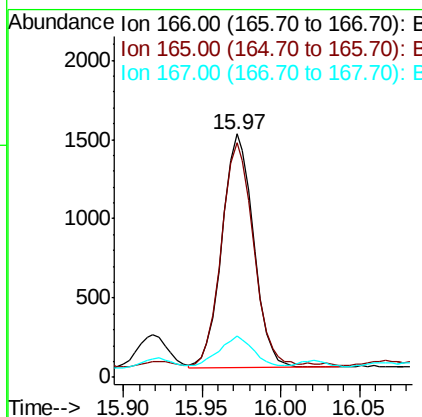
#9
Fluorene
 Concen: 0.265 ng/ul
 RT: 15.97 min Scan# 3423
 Delta R.T. 0.00 min
 Lab File: BM027964.D
 Acq: 25 Nov 2020 15:22

Instrument :
 BNA_M
 ClientSampleId :
 C0B85

Tot Ion:	166	Resp:	2043
Ion	Ratio	Lower	Upper
166	100		
165	96.4	78.1	117.1
167	16.8	11.8	17.8

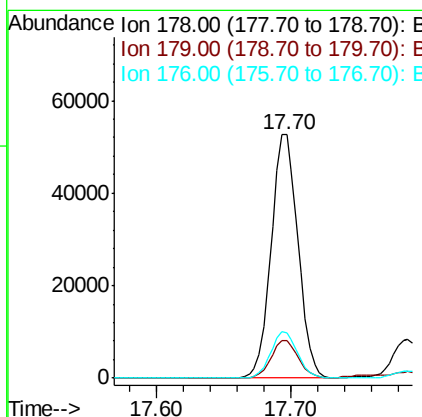
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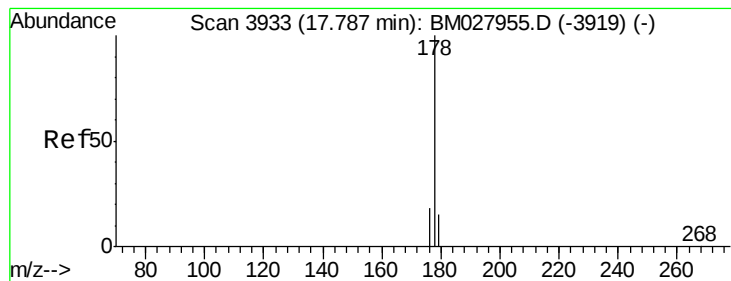
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#12
Phenanthrene
 Concen: 7.110 ng/ul
 RT: 17.70 min Scan# 3907
 Delta R.T. 0.00 min
 Lab File: BM027964.D
 Acq: 25 Nov 2020 15:22

Tgt Ion:	178	Resp:	72476
Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	18.6	16.1	24.1





#13

Anthracene

Concen: 1.183 ng/ul

RT: 17.79 min Scan# 3933

Delta R.T. 0.00 min

Lab File: BM027964.D

Acq: 25 Nov 2020 15:22

Instrument :

BNA_M

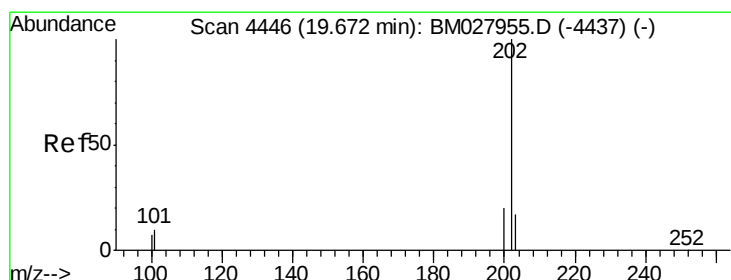
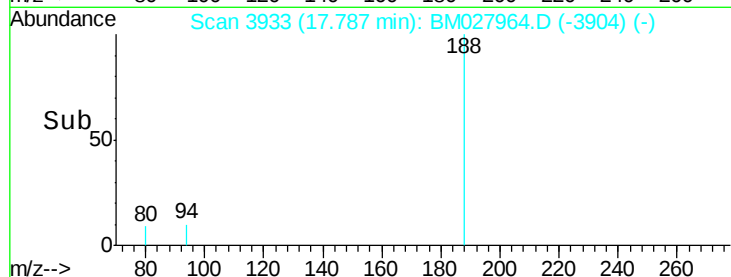
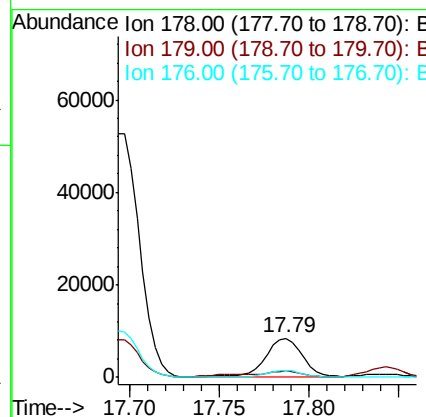
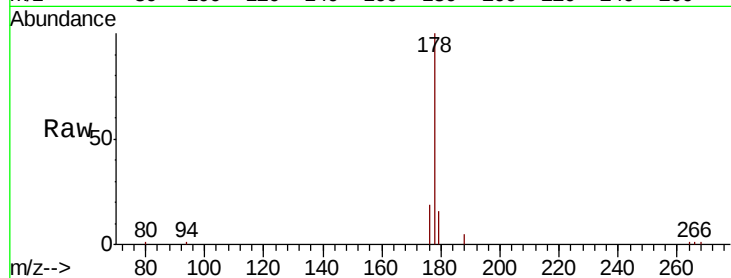
ClientSampleId :

C0B85

Tot Ion:	178	Resp:	11635
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.4	20.2
176	18.5	15.0	22.6

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#15

Fluoranthene

Concen: 21.682 ng/ul

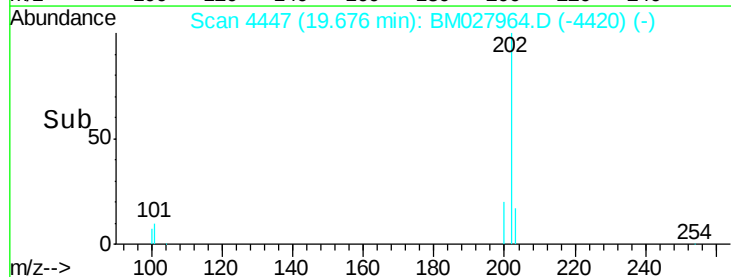
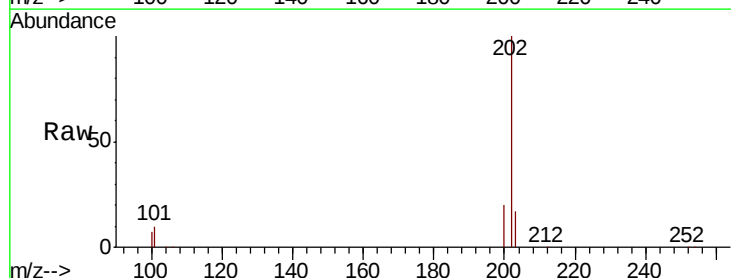
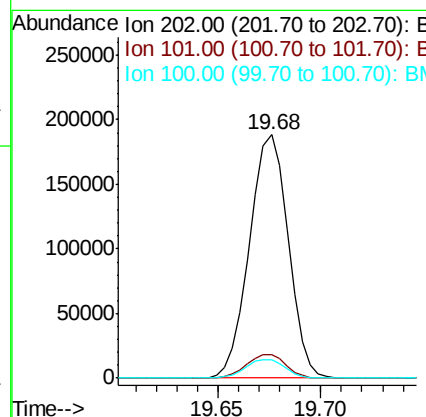
RT: 19.68 min Scan# 4447

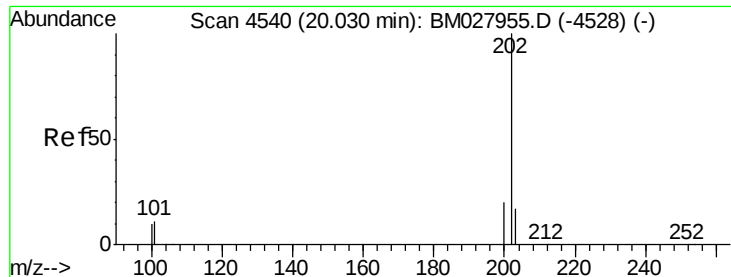
Delta R.T. 0.00 min

Lab File: BM027964.D

Acq: 25 Nov 2020 15:22

Tgt Ion:	202	Resp:	245069
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	29.3
100	7.5	0.0	27.4





#17

Pvrene

Concen: 21.354 ng/ul

RT: 20.03 min Scan# 4540

Delta R.T. 0.00 min

Lab File: BM027964.D

Acq: 25 Nov 2020 15:22

Instrument :

BNA_M

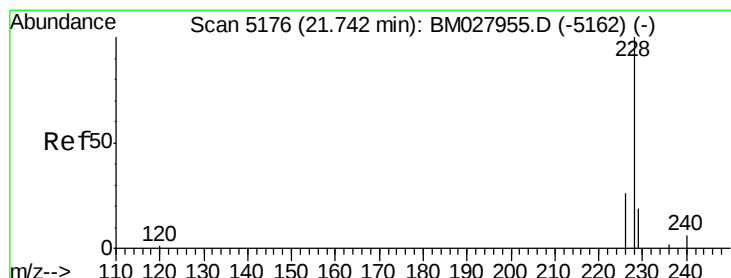
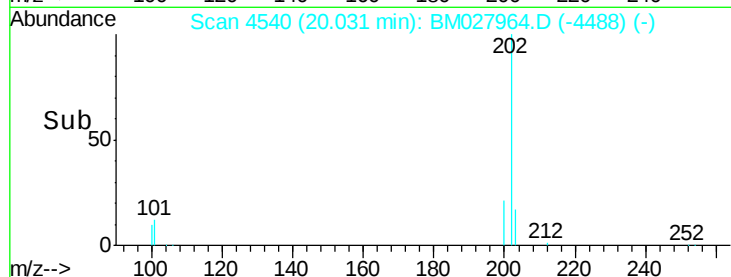
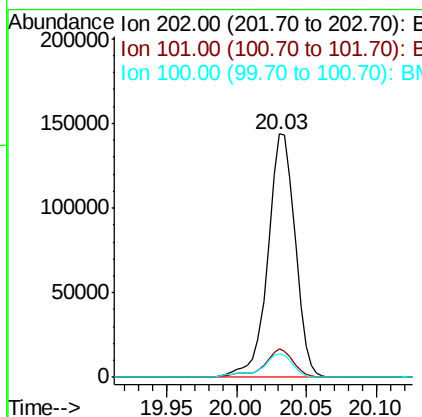
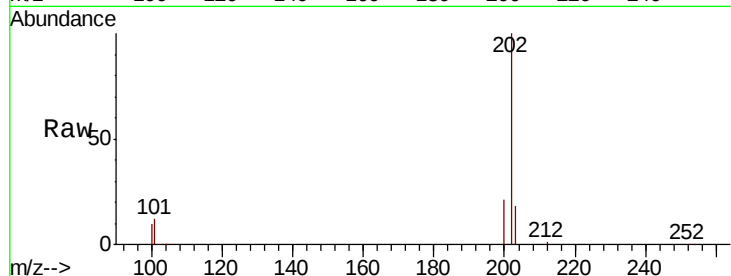
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	8.2	12.2
100	9.9	6.9	10.3

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#18

Benzo(a)anthracene

Concen: 13.728 ng/ul

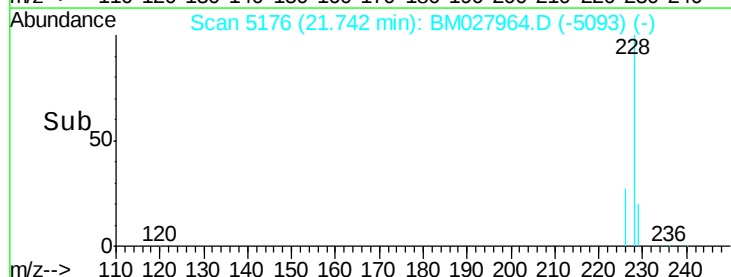
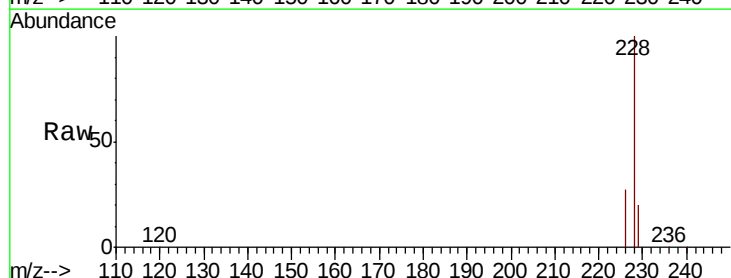
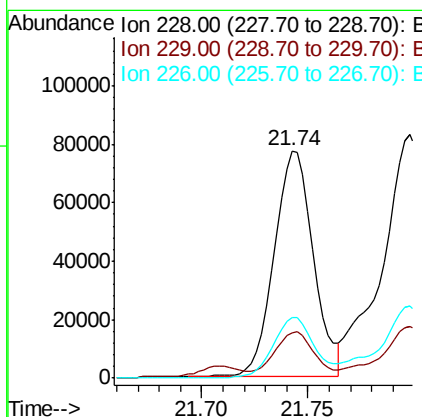
RT: 21.74 min Scan# 5176

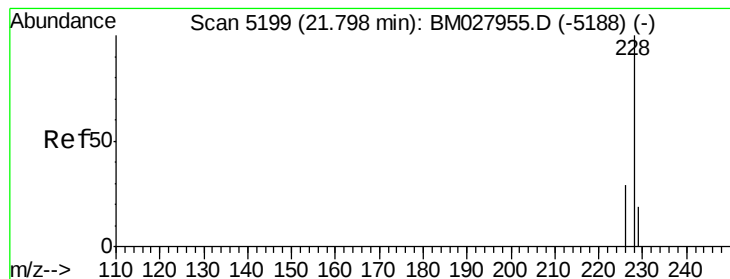
Delta R.T. 0.00 min

Lab File: BM027964.D

Acq: 25 Nov 2020 15:22

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.1	16.2	24.4
226	26.8	21.5	32.3





#19

Chrysene

Concen: 17.828 ng/ul

RT: 21.80 min Scan# 5199

Delta R.T. 0.00 min

Lab File: BM027964.D

Acq: 25 Nov 2020 15:22

Instrument :

BNA_M

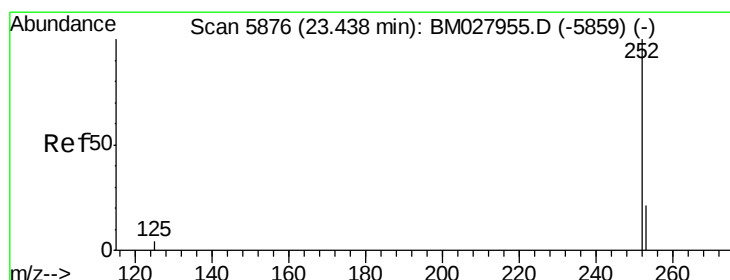
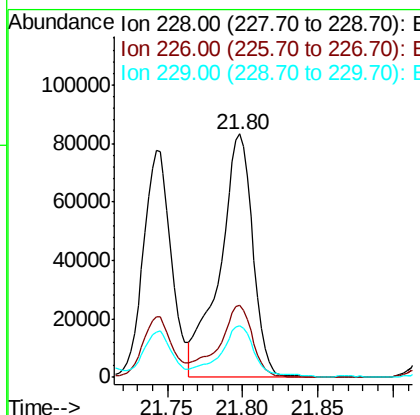
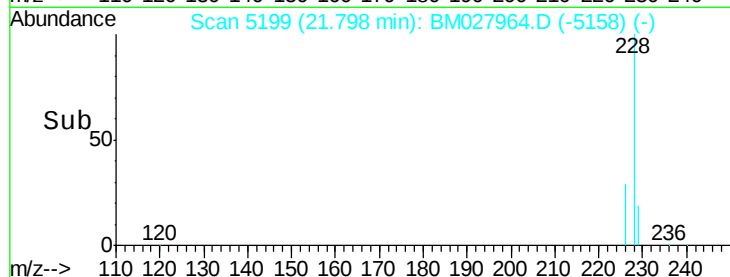
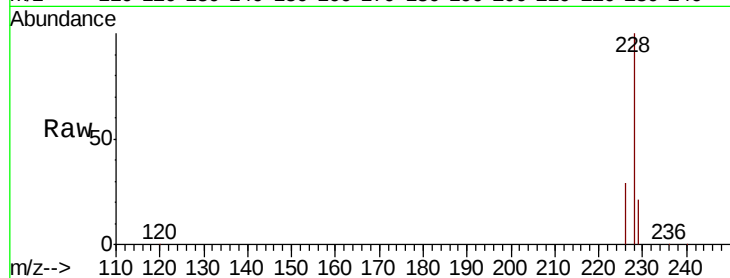
ClientSampleId :

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Tot Ion:	228	Resp:	126253
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.1	36.1
229	21.2	16.6	24.8

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#21

Benzo(b)fluoranthene

Concen: 20.952 ng/ul m

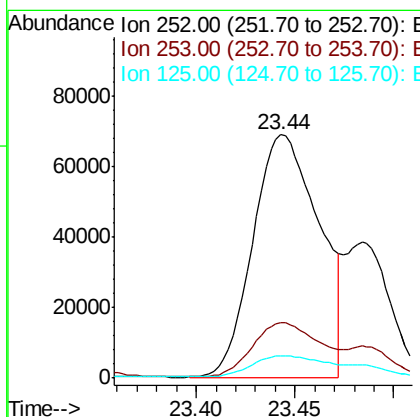
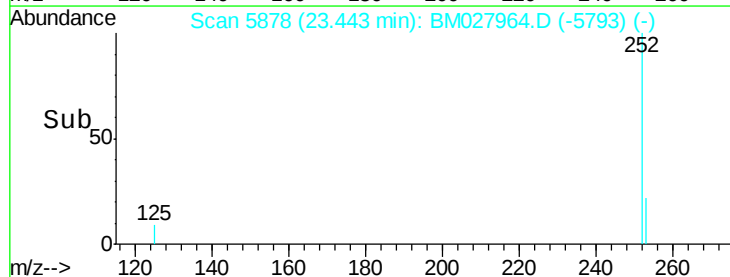
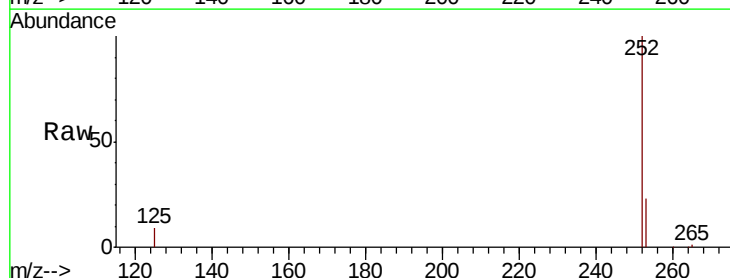
RT: 23.44 min Scan# 5878

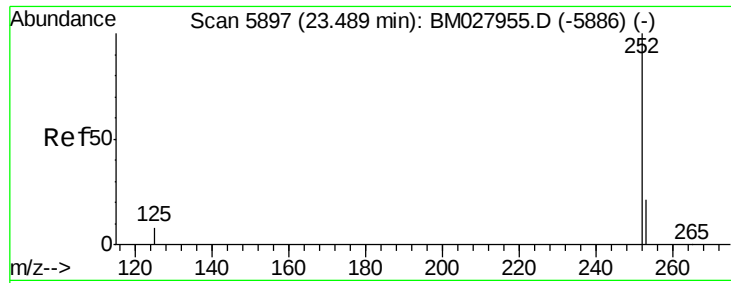
Delta R.T. 0.00 min

Lab File: BM027964.D

Acq: 25 Nov 2020 15:22

Tgt Ion:	252	Resp:	161140
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	59.6
125	9.2	0.0	28.4





#22

Benzo(k)fluoranthene

Concen: 7.613 ng/ul m

RT: 23.48 min Scan# 5895

Delta R.T. -0.00 min

Lab File: BM027964.D

Acq: 25 Nov 2020 15:22

Instrument :

BNA_M

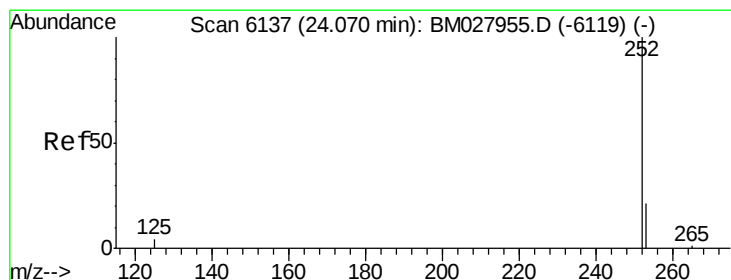
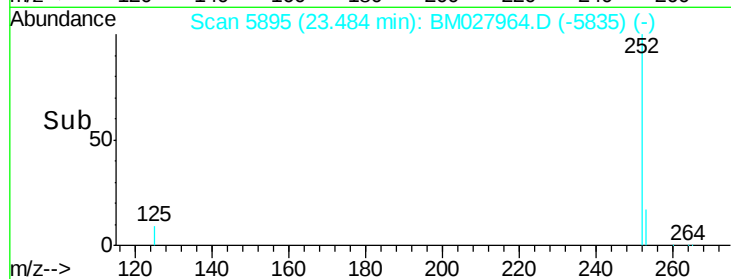
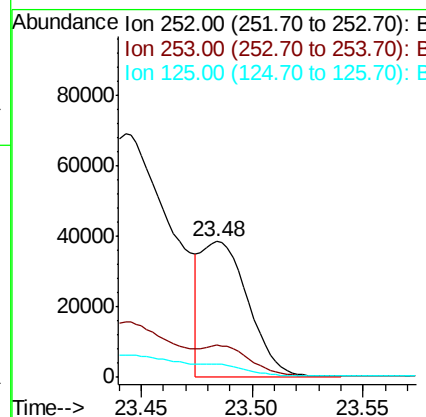
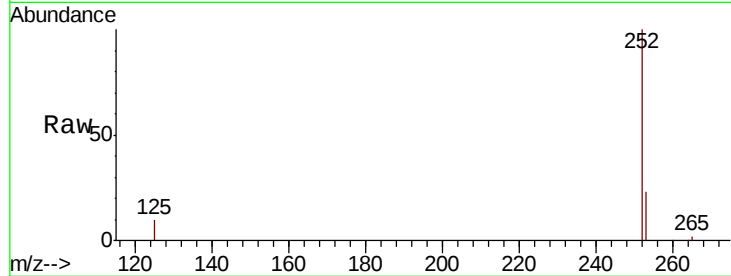
ClientSampleId :

C0B85

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	23.2	34.8
125	9.5	11.8	17.6

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#23

Benzo(a)pyrene

Concen: 14.044 ng/ul

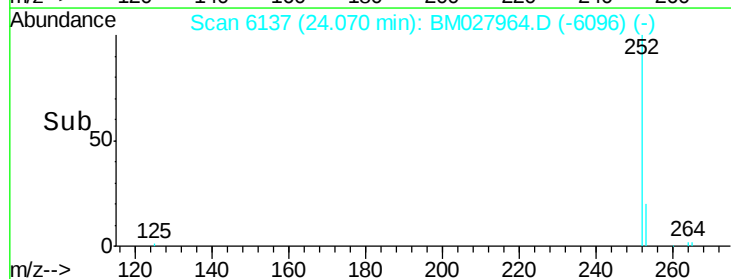
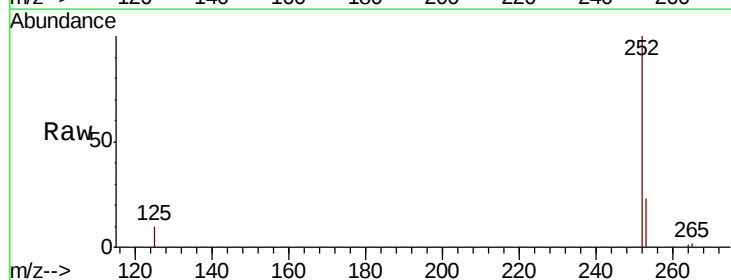
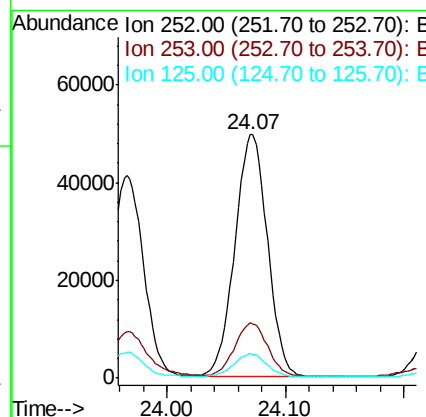
RT: 24.07 min Scan# 6137

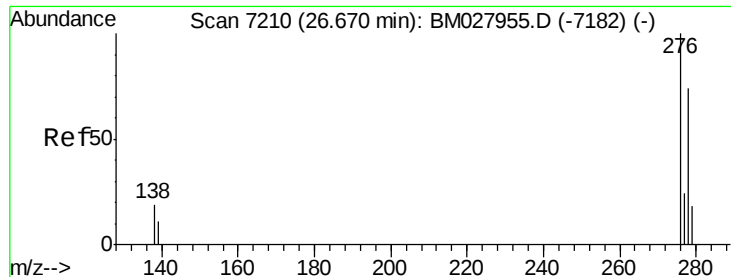
Delta R.T. 0.00 min

Lab File: BM027964.D

Acq: 25 Nov 2020 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	25.2	37.8
125	10.1	13.8	20.6





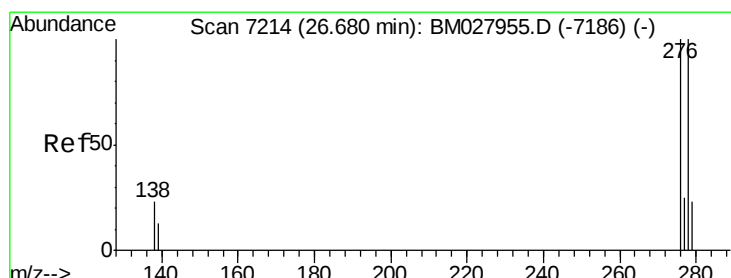
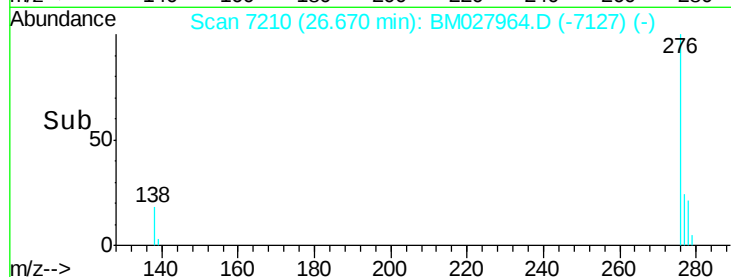
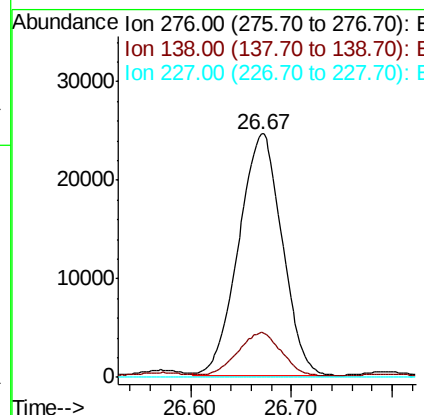
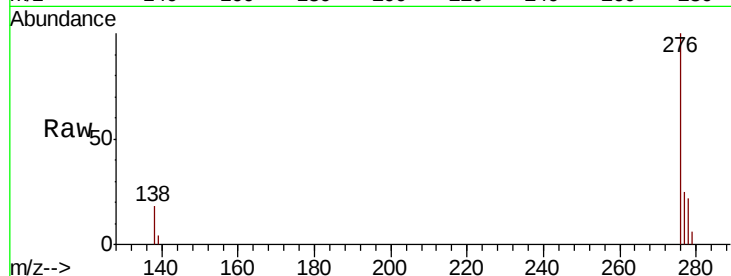
#24
Indeno(1,2,3-cd)pyrene
Concen: 10.066 ng/u1
RT: 26.67 min Scan# 7210
Delta R.T. 0.00 min
Lab File: BM027964.D
Acq: 25 Nov 2020 15:22

Instrument :
BNA_M
ClientSampleId :
C0B85

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.2	15.7	23.5
227	0.0	0.0	0.0

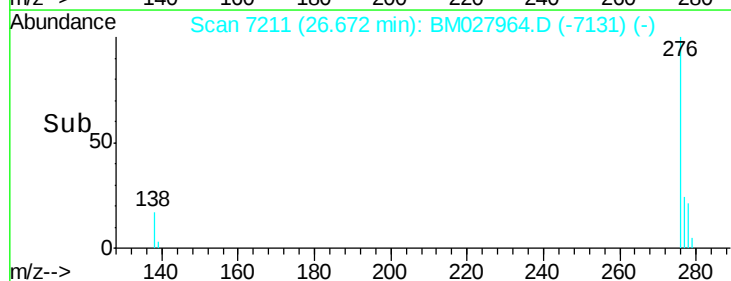
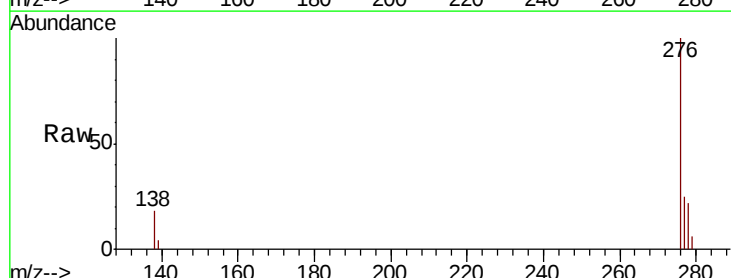
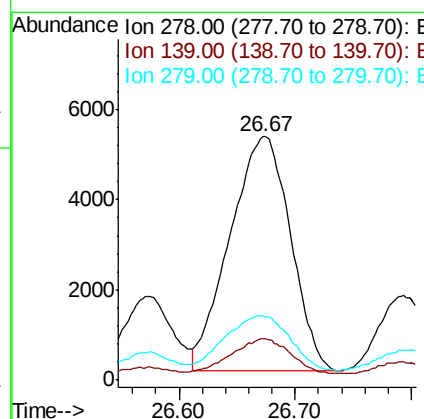
Manual Integrations
APPROVED

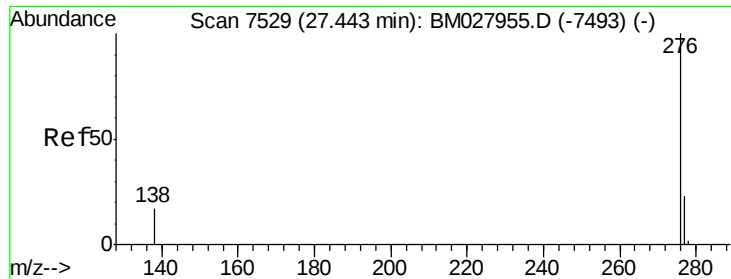
mohammad
11/27/2020 11:43:32 AM



#25
Dibenzo(a,h)anthracene
Concen: 3.094 ng/u1
RT: 26.67 min Scan# 7211
Delta R.T. -0.01 min
Lab File: BM027964.D
Acq: 25 Nov 2020 15:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.8	22.2
279	26.6	25.8	38.6





#26
 Benzo(a,h,i)perylene
 Concen: 10.594 ng/ul
 RT: 27.44 min Scan# 7529
 Delta R.T. 0.00 min
 Lab File: BM027964.D
 Acq: 25 Nov 2020 15:22

Instrument :
 BNA_M
 ClientSampleId :
 C0B85

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	17.4	26.2
277	24.1	22.5	33.7

Manual Integrations
 APPROVED

mohammad
 11/27/2020 11:43:32 AM

