

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
 Data File : BM027975.D
 Acq On : 25 Nov 2020 22:01
 Operator : JU/CG
 Sample : L4749-08DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B73DL

Manual Integrations
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mohammad
 11/27/2020 11:44:08 AM

Quant Time: Nov 26 01:18:57 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	1014	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4119	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2409	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	4554	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2766	0.40	ng/ul	0.00
20) Perylene-d12	24.17	264	2756	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	615	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1071	0.09	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.21	128	519	0.042	ng/ul#	76
5) 2-Methylnaphthalene	12.79	142	332	0.040	ng/ul	98
7) Acenaphthylene	14.66	152	1020	0.087	ng/ul#	85
8) Acenaphthene	15.00	153	6754	0.767	ng/ul	99
9) Fluorene	15.97	166	9320	0.912	ng/ul	100
12) Phenanthrene	17.69	178	273435	19.007	ng/ul	97
13) Anthracene	17.78	178	45866	3.305	ng/ul	98
15) Fluoranthene	19.68	202	609975	38.241	ng/ul	99
17) Pyrene	20.03	202	480880	34.232	ng/ul	98
18) Benzo(a)anthracene	21.74	228	212587	19.049	ng/ul	100
19) Chrysene	21.80	228	232350	21.375	ng/ul	99
21) Benzo(b)fluoranthene	23.44	252	251583m	21.721	ng/ul	
22) Benzo(k)fluoranthene	23.48	252	97044m	8.556	ng/ul	
23) Benzo(a)pyrene	24.07	252	164133	16.208	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.67	276	106001	9.668	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.67	278	28128m	3.081	ng/ul	
26) Benzo(a,h,i)perylene	27.44	276	88016	9.568	ng/ul	93

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

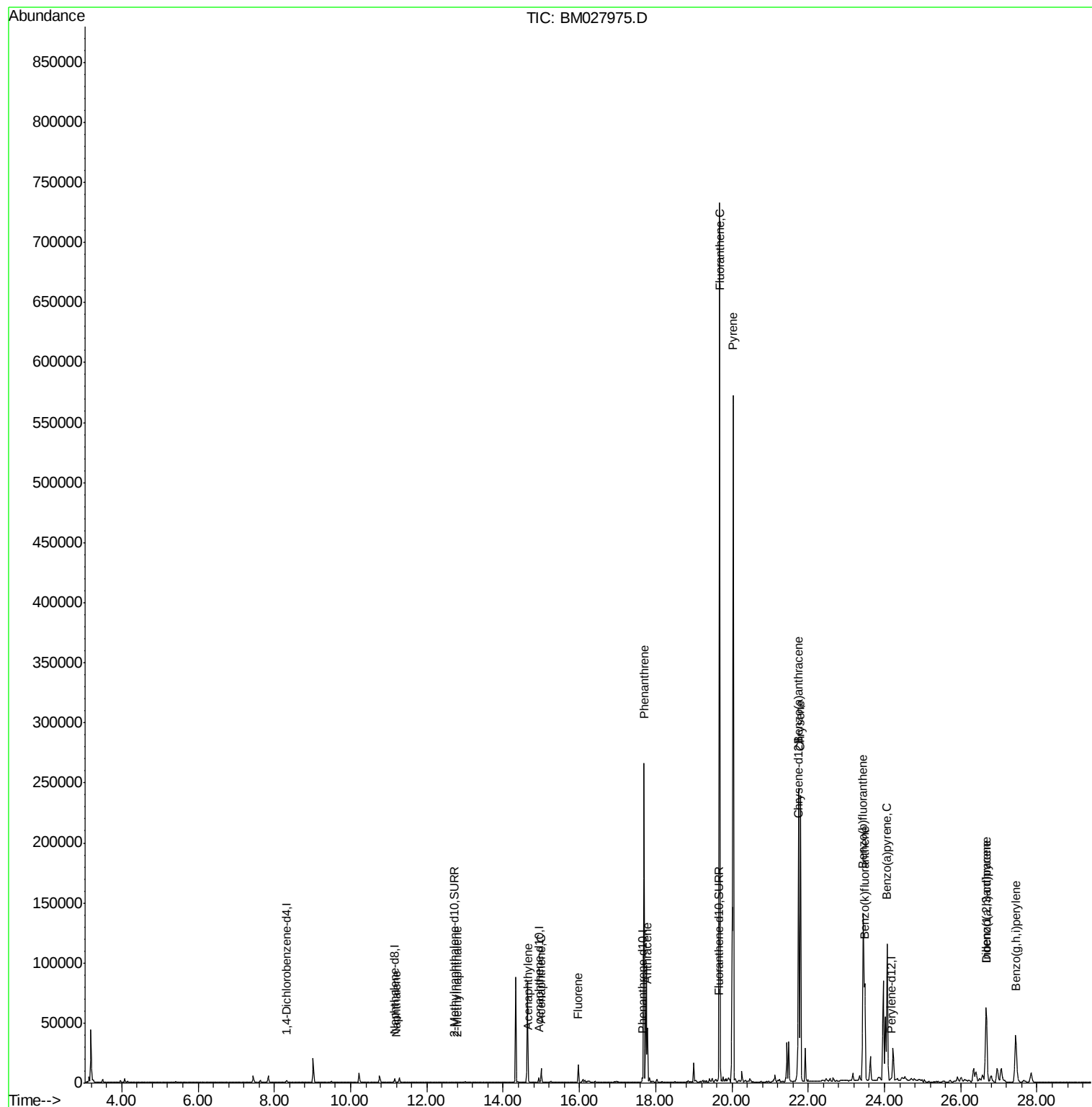
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027975.D
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ALS Vial : 21 Sample Multiplier: 1

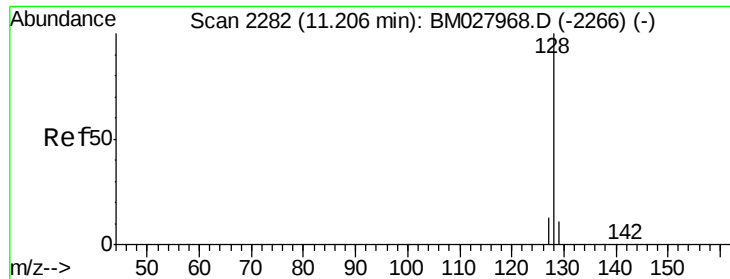
Instrument :
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Quant Time: Nov 26 01:18:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 26 00:48:20 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.042 ng/ul

RT: 11.21 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BM027975.D

Acq: 25 Nov 2020 22:01

Instrument :

BNA_M

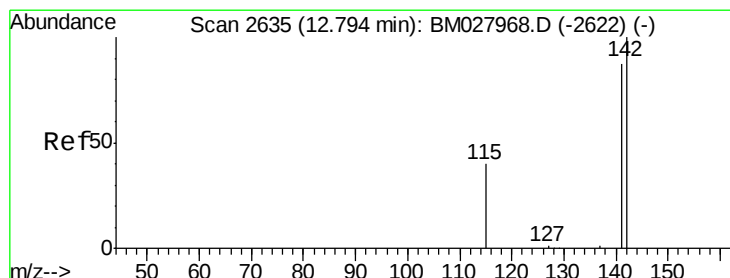
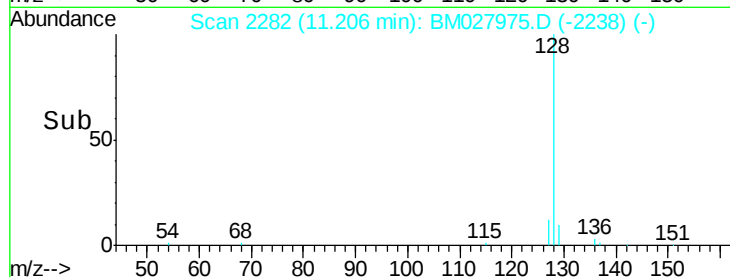
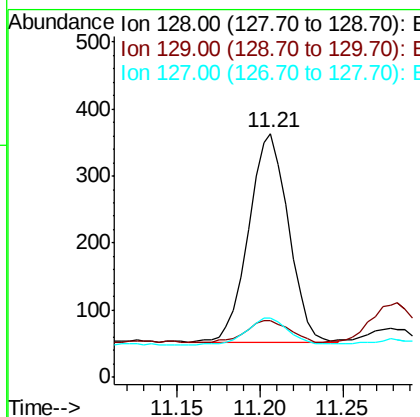
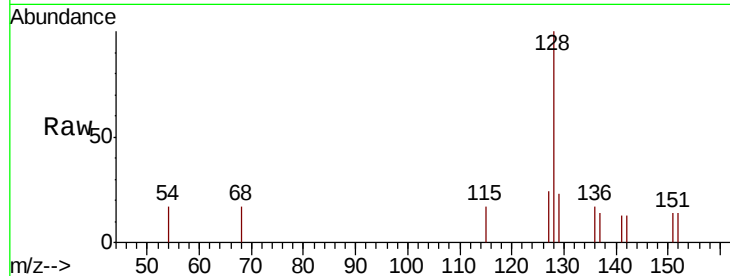
ClientSampleId :

C0B73DL

Tot Ion:	128	Resp:	519
Ion	Ratio	Lower	Upper
128	100		
129	23.1	10.4	15.6#
127	24.2	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.040 ng/ul

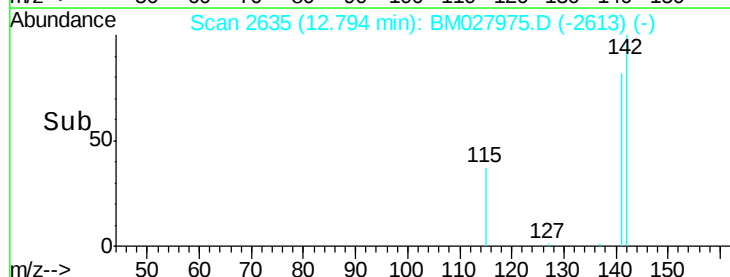
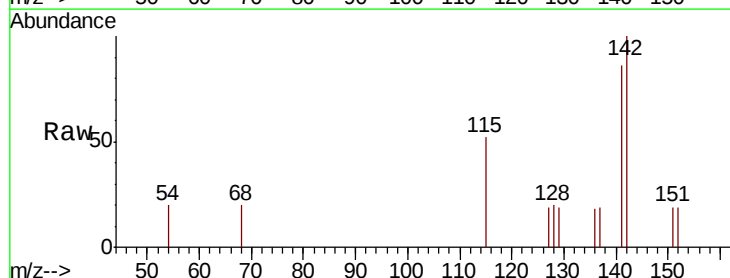
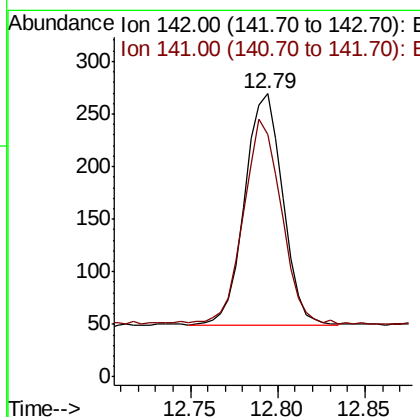
RT: 12.79 min Scan# 2635

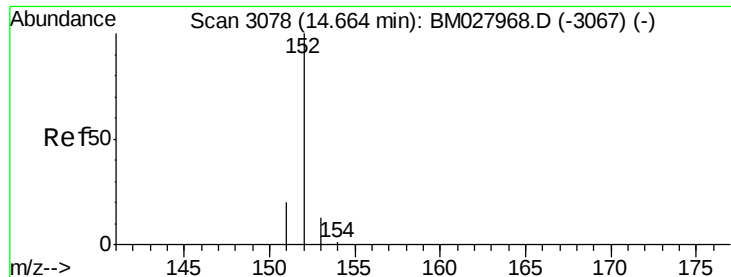
Delta R.T. 0.00 min

Lab File: BM027975.D

Acq: 25 Nov 2020 22:01

Tgt Ion:	142	Resp:	332
Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.6	107.4





#7

Acenaphthylene

Concen: 0.087 ng/ul

RT: 14.66 min Scan# 3078

Delta R.T. 0.00 min

Lab File: BM027975.D

Acq: 25 Nov 2020 22:01

Instrument :

BNA_M

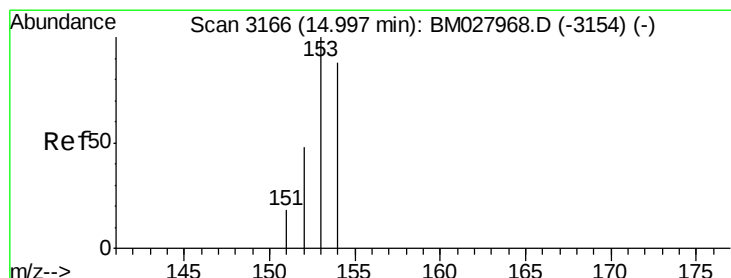
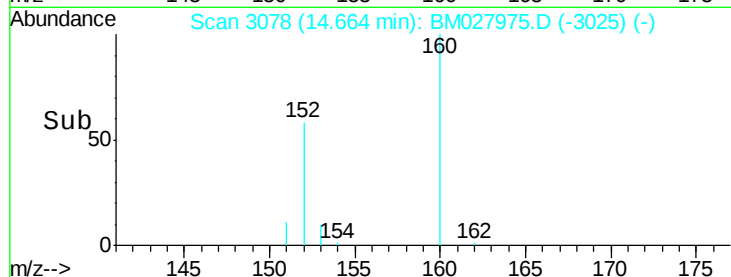
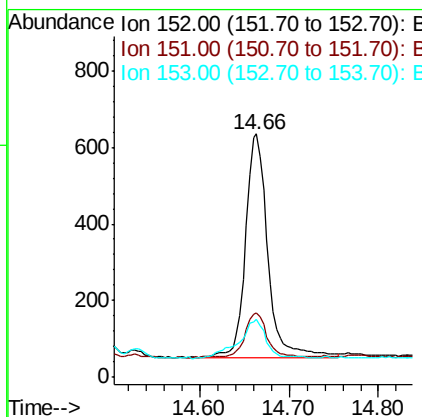
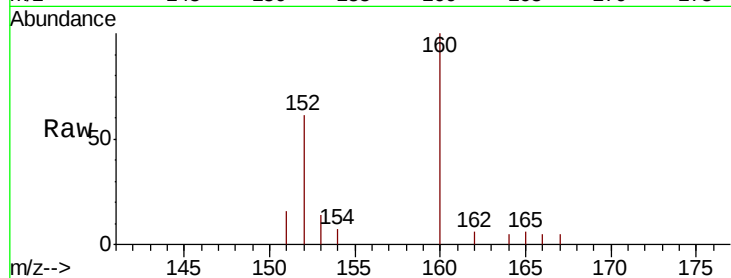
ClientSampleId :

C0B73DL

Tot Ion:	152	Resp:	1020
Ion Ratio	Lower	Upper	
152	100		
151	26.3	17.1	25.7#
153	23.8	12.0	18.0#

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#8

Acenaphthene

Concen: 0.767 ng/ul

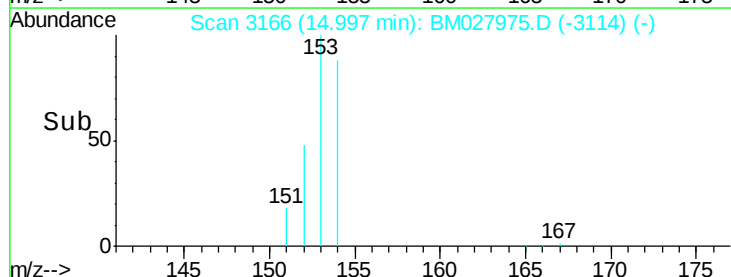
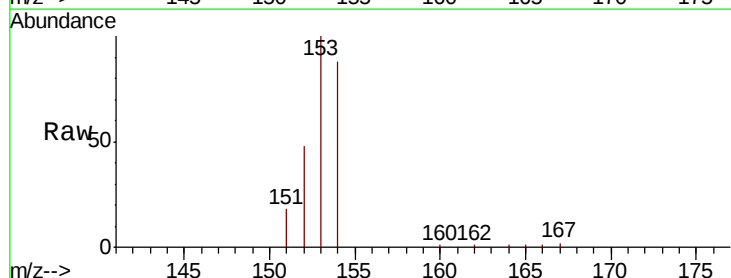
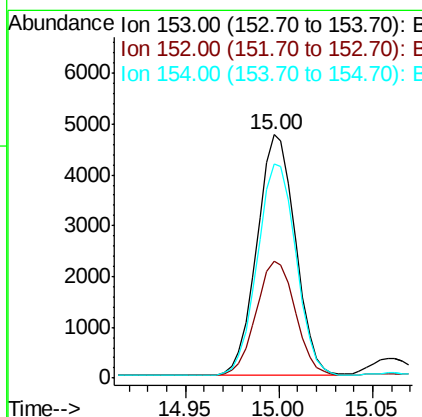
RT: 15.00 min Scan# 3166

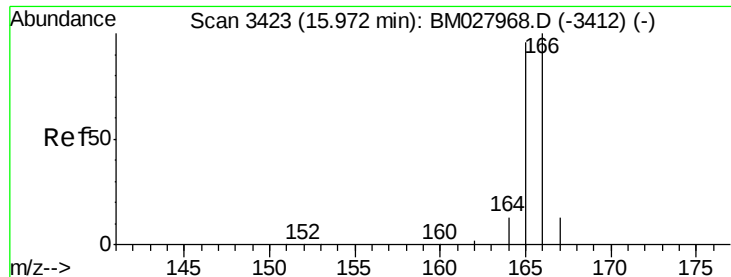
Delta R.T. -0.00 min

Lab File: BM027975.D

Acq: 25 Nov 2020 22:01

Tgt Ion:	153	Resp:	6754
Ion Ratio	Lower	Upper	
153	100		
152	48.3	39.0	58.6
154	88.1	71.6	107.4





#9

Fluorene

Concen: 0.912 ng/ul

RT: 15.97 min Scan# 3423

Delta R.T. 0.00 min

Lab File: BM027975.D

Acq: 25 Nov 2020 22:01

Instrument :

BNA_M

ClientSampleId :

C0B73DL

Tot Ion:166 Resp: 9320

Ion Ratio Lower Upper

166 100

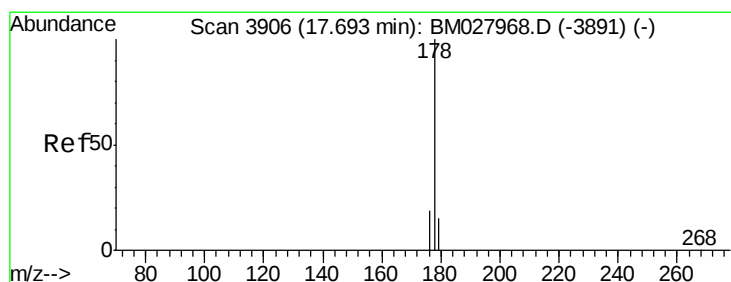
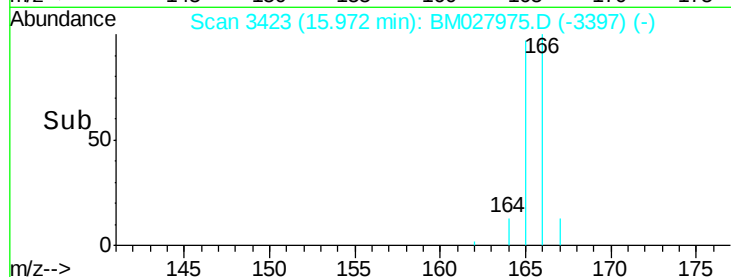
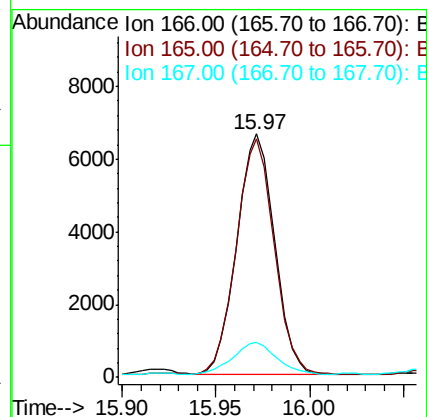
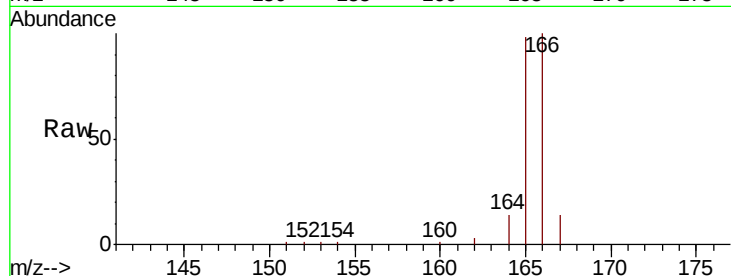
165 97.8 78.1 117.1

167 14.4 11.8 17.8

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#12

Phenanthrene

Concen: 19.007 ng/ul

RT: 17.69 min Scan# 3906

Delta R.T. -0.00 min

Lab File: BM027975.D

Acq: 25 Nov 2020 22:01

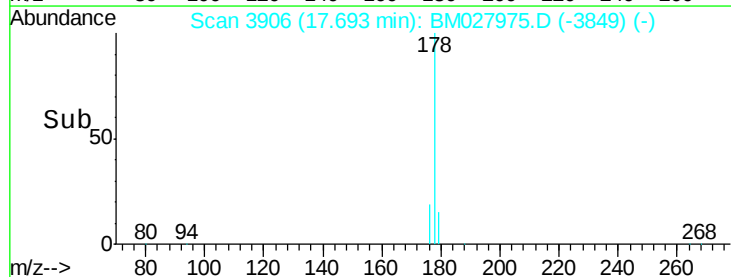
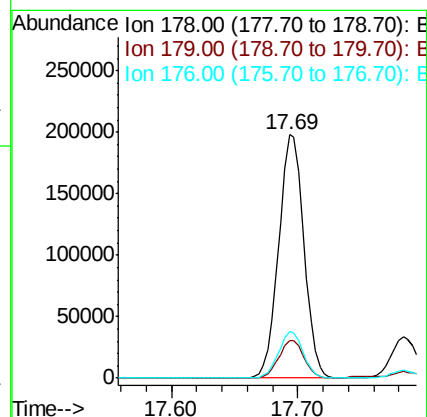
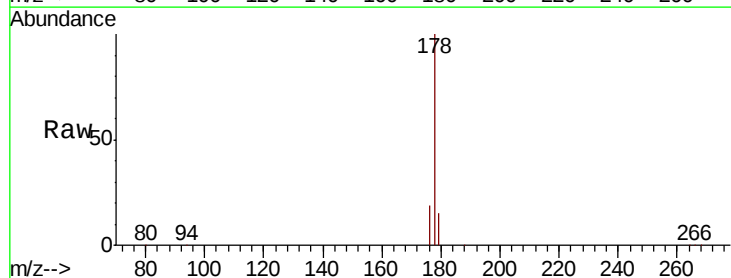
Tgt Ion:178 Resp: 273435

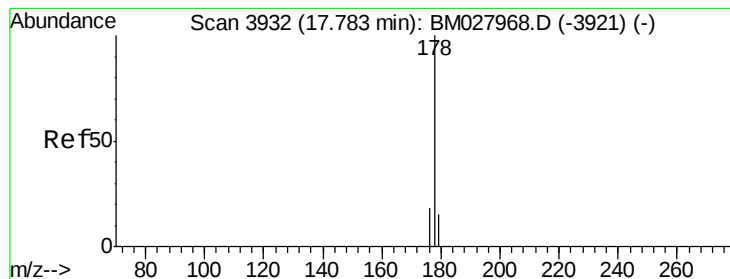
Ion Ratio Lower Upper

178 100

179 15.3 13.6 20.4

176 18.9 16.1 24.1





#13

Anthracene

Concen: 3.305 ng/ul

RT: 17.78 min Scan# 3932

Delta R.T. -0.00 min

Lab File: BM027975.D

Acq: 25 Nov 2020 22:01

Instrument :

BNA_M

ClientSampleId :

C0B73DL

Tot Ion:178 Resp: 45866

Ion Ratio Lower Upper

178 100

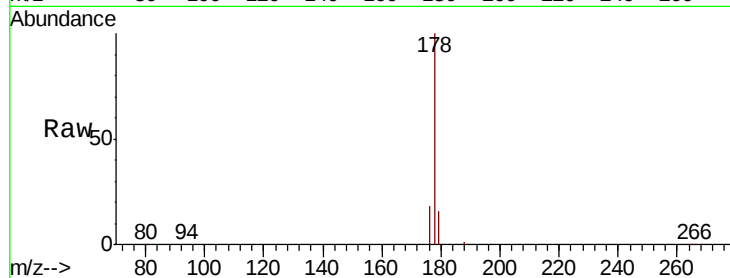
179 15.5 13.4 20.2

176 18.2 15.0 22.6

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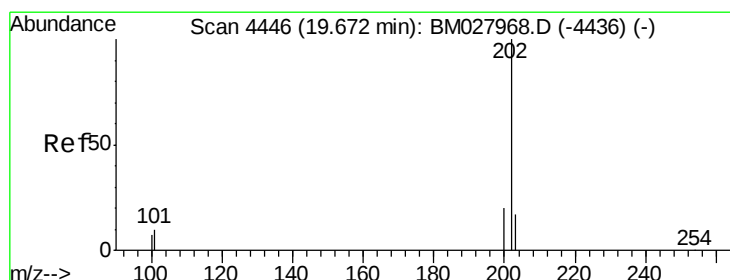
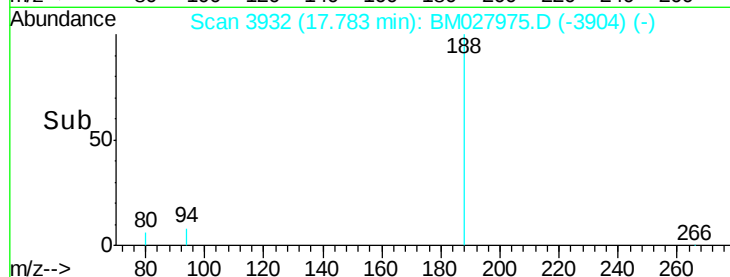
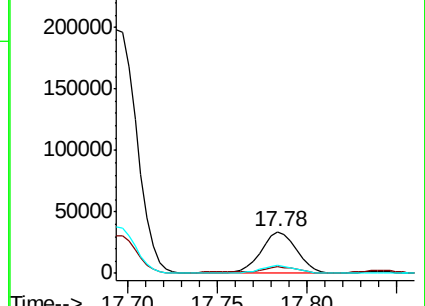
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 38.241 ng/ul

RT: 19.68 min Scan# 4447

Delta R.T. 0.00 min

Lab File: BM027975.D

Acq: 25 Nov 2020 22:01

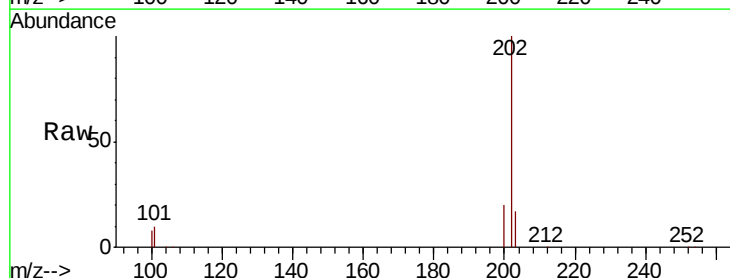
Tgt Ion:202 Resp: 609975

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.3

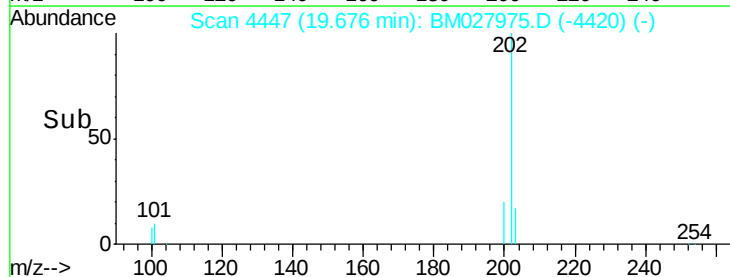
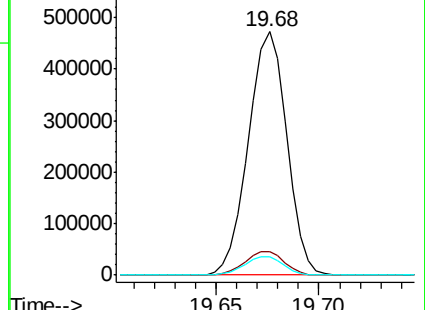
100 7.7 0.0 27.4

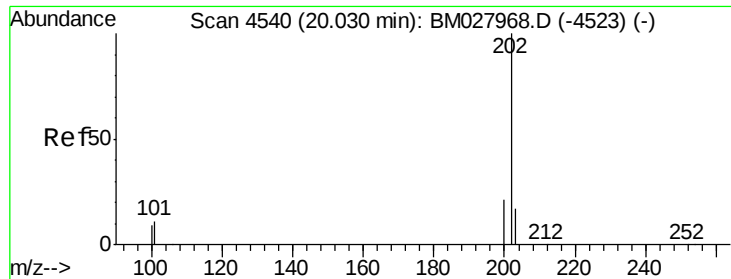


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





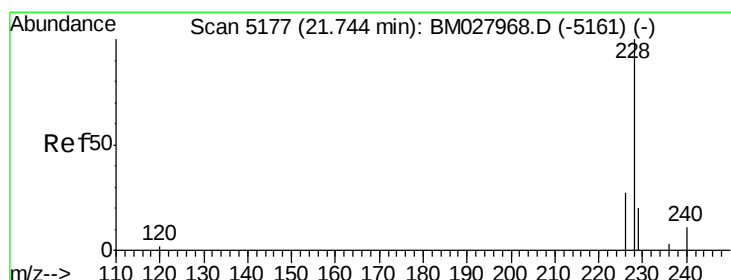
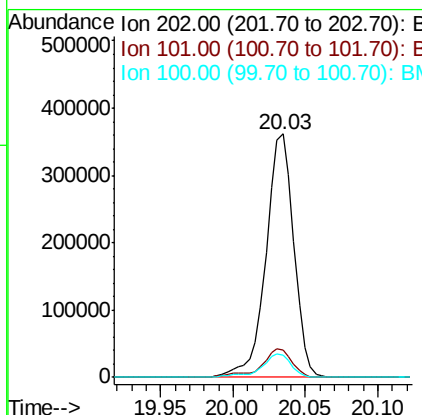
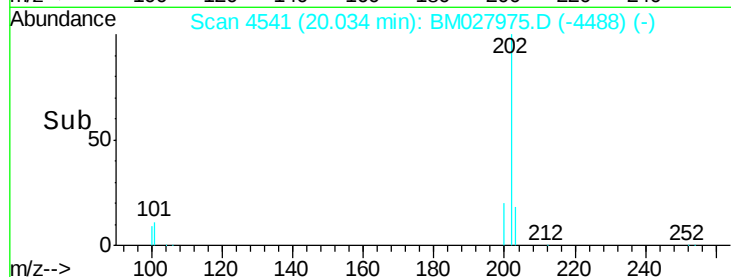
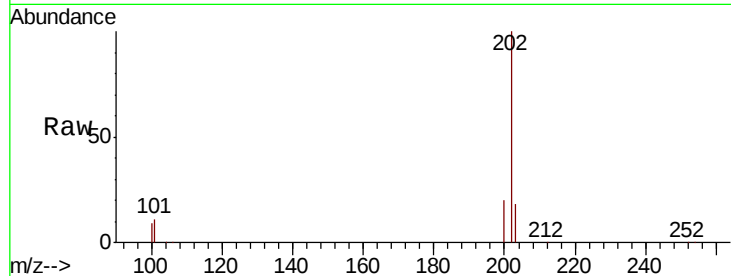
#17
Pvrene
Concen: 34.232 ng/ul
RT: 20.03 min Scan# 4541
Delta R.T. 0.00 min
Lab File: BM027975.D
Acq: 25 Nov 2020 22:01

Instrument :
BNA_M
ClientSampleId :
C0B73DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	8.2	12.2
100	9.1	6.9	10.3

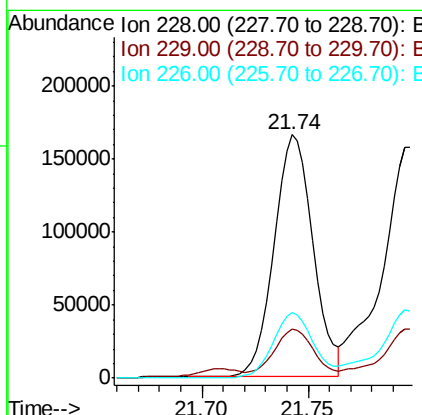
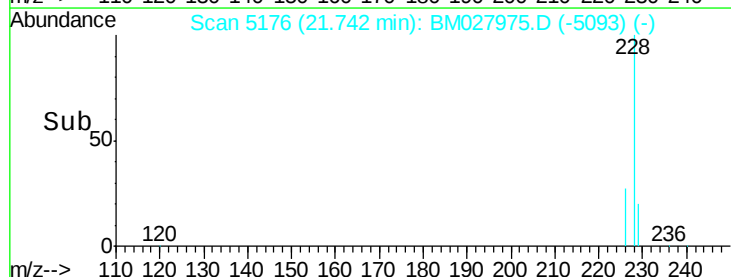
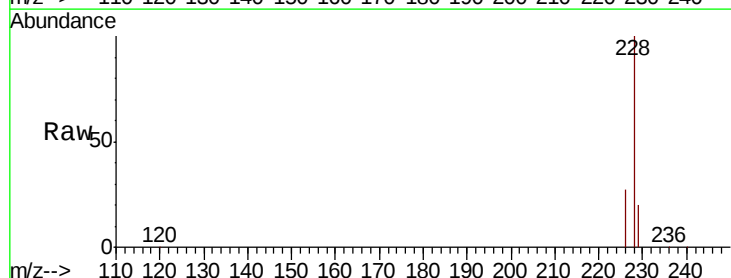
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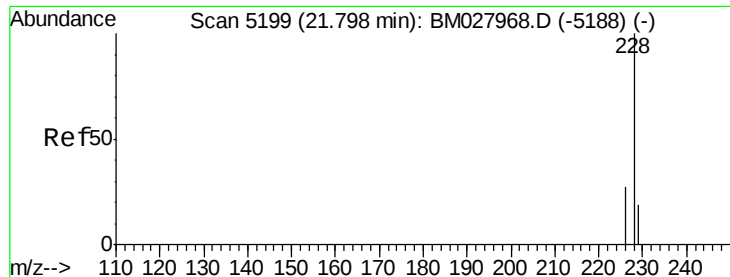
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#18
Benzo(a)anthracene
Concen: 19.049 ng/ul
RT: 21.74 min Scan# 5176
Delta R.T. 0.00 min
Lab File: BM027975.D
Acq: 25 Nov 2020 22:01

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: 21.375 ng/ul

RT: 21.80 min Scan# 5198

Delta R.T. -0.00 min

Lab File: BM027975.D

Acq: 25 Nov 2020 22:01

Instrument :

BNA_M

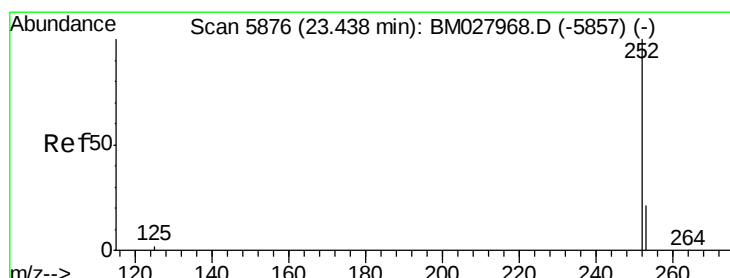
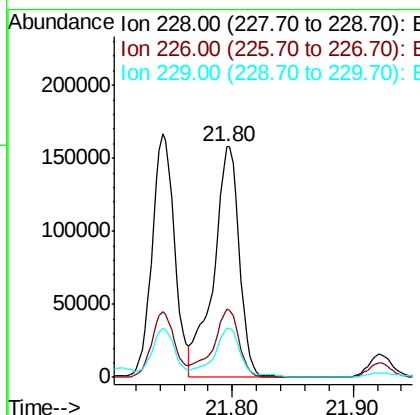
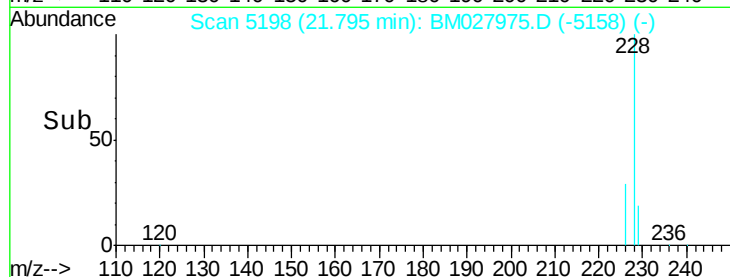
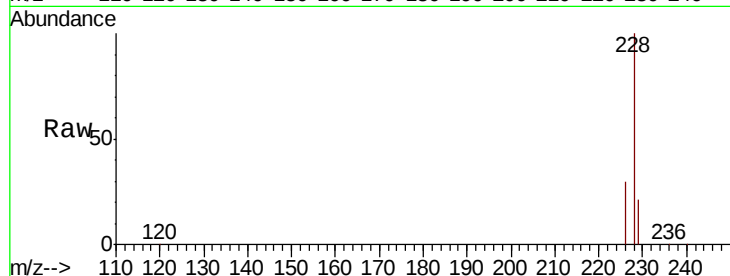
ClientSampleId :

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Tot Ion:	228	Resp:	232350
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.1	36.1
229	21.4	16.6	24.8

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#21

Benzo(b)fluoranthene

Concen: 21.721 ng/ul m

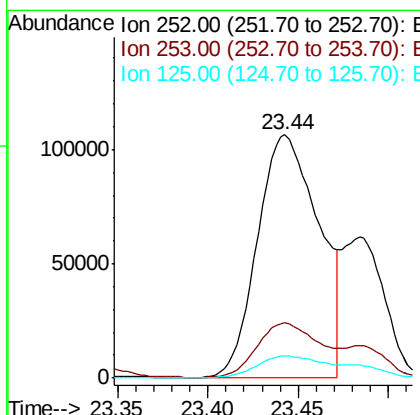
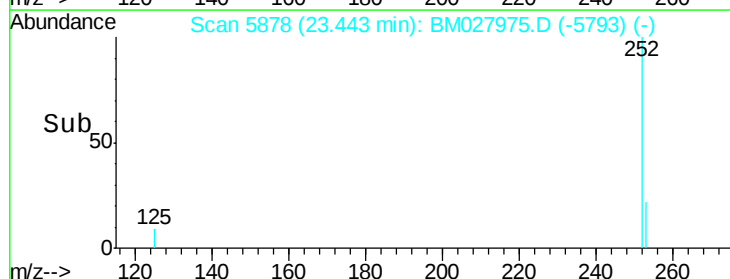
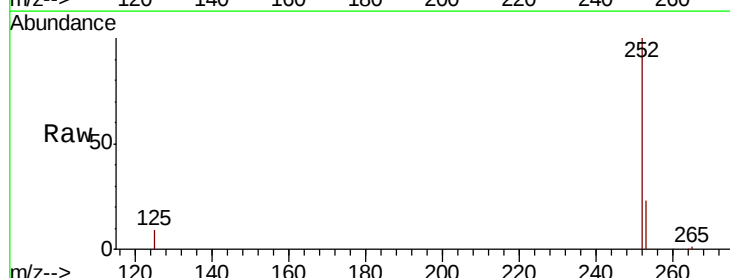
RT: 23.44 min Scan# 5878

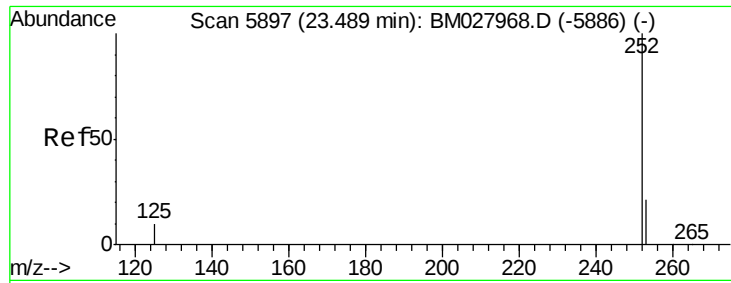
Delta R.T. 0.00 min

Lab File: BM027975.D

Acq: 25 Nov 2020 22:01

Tgt Ion:	252	Resp:	251583
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: 8.556 ng/ul m

RT: 23.48 min Scan# 5895

Delta R.T. -0.00 min

Lab File: BM027975.D

Acq: 25 Nov 2020 22:01

Instrument :

BNA_M

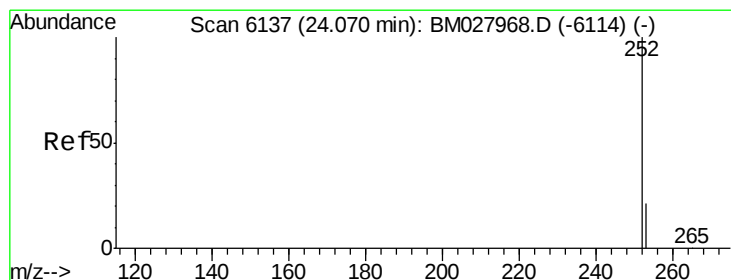
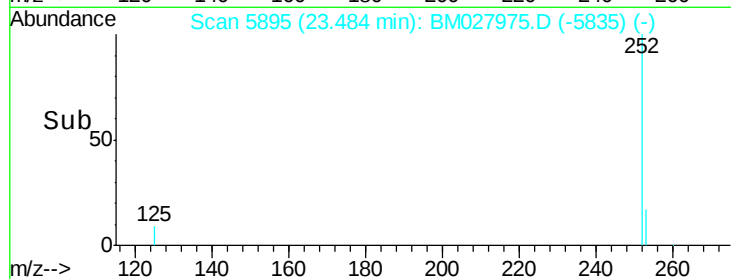
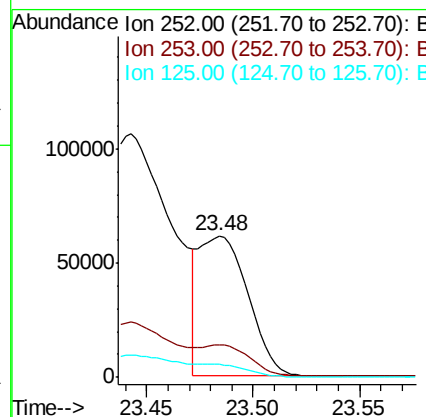
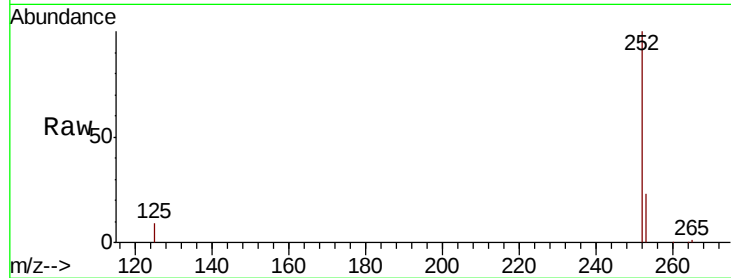
ClientSampleId :

C0B73DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	23.2	34.8#
125	9.0	11.8	17.6#

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#23

Benzo(a)pyrene

Concen: 16.208 ng/ul

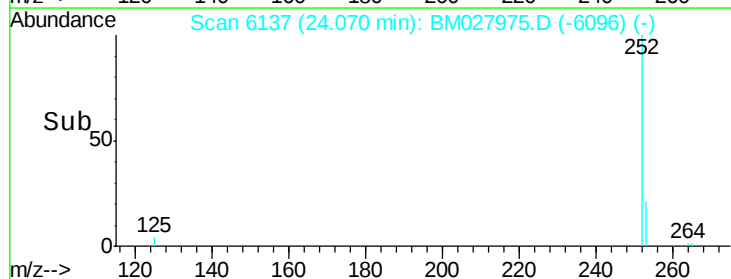
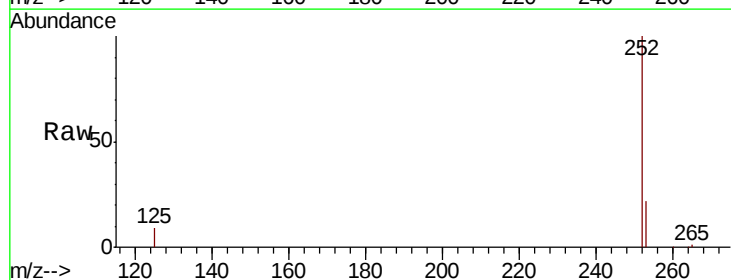
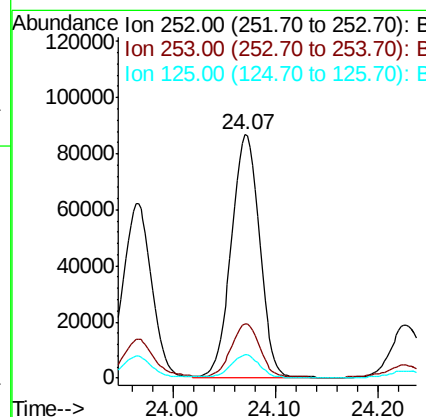
RT: 24.07 min Scan# 6137

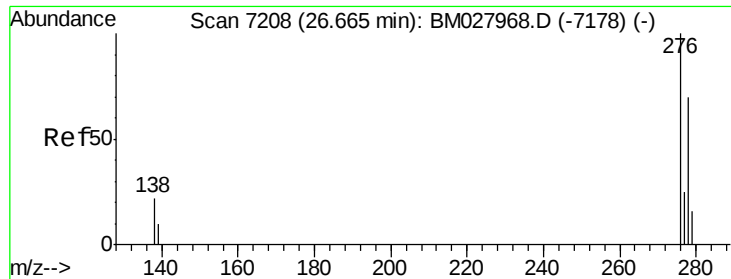
Delta R.T. 0.00 min

Lab File: BM027975.D

Acq: 25 Nov 2020 22:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	25.2	37.8#
125	9.4	13.8	20.6#





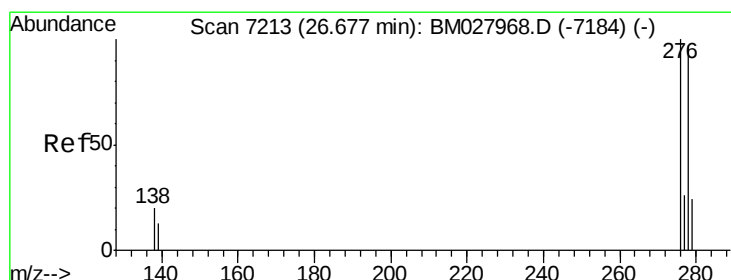
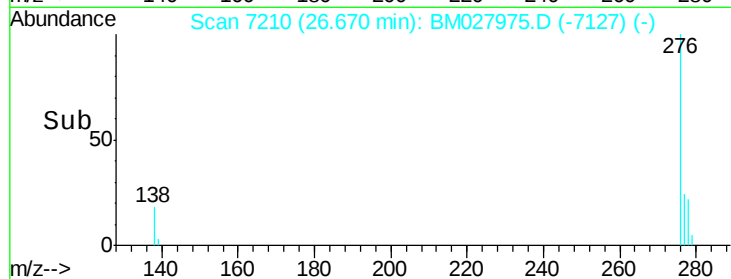
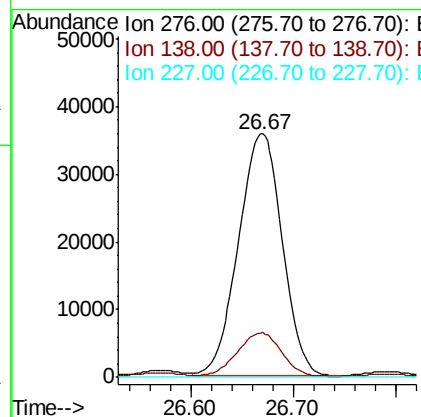
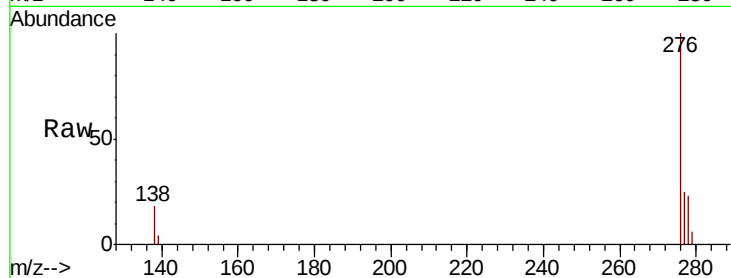
#24
Indeno(1,2,3-cd)pyrene
Concen: 9.668 ng/ul
RT: 26.67 min Scan# 7210
Delta R.T. 0.00 min
Lab File: BM027975.D
Acq: 25 Nov 2020 22:01

Instrument :
BNA_M
ClientSampleId :
C0B73DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	106001		
138	18.2		15.7	23.5
227	0.0		0.0	0.0

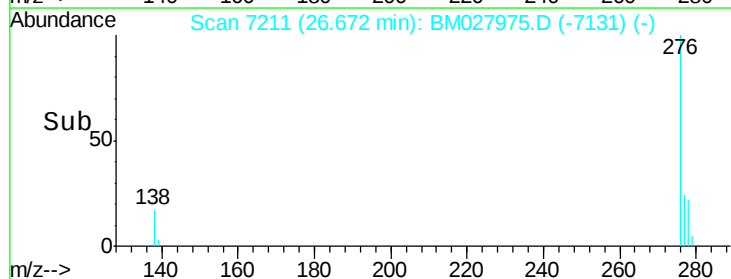
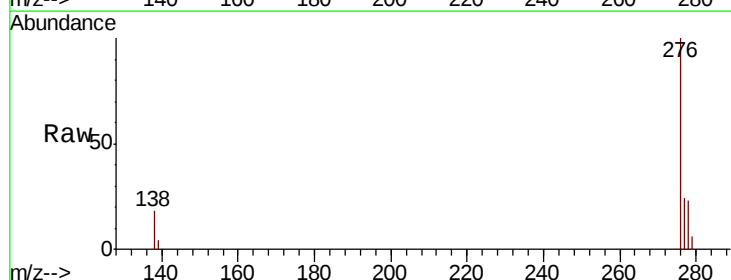
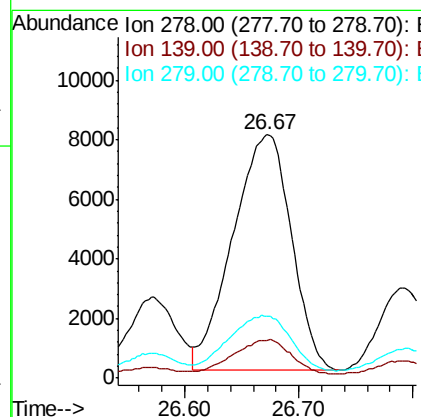
Manual Integrations
APPROVED

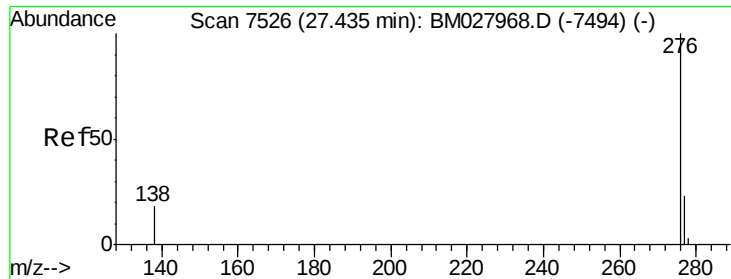
mohammad
11/27/2020 11:44:08 AM



#25
Dibenzo(a,h)anthracene
Concen: 3.081 ng/ul m
RT: 26.67 min Scan# 7211
Delta R.T. -0.01 min
Lab File: BM027975.D
Acq: 25 Nov 2020 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	28128		
139	15.5		14.8	22.2
279	25.5		25.8	38.6#





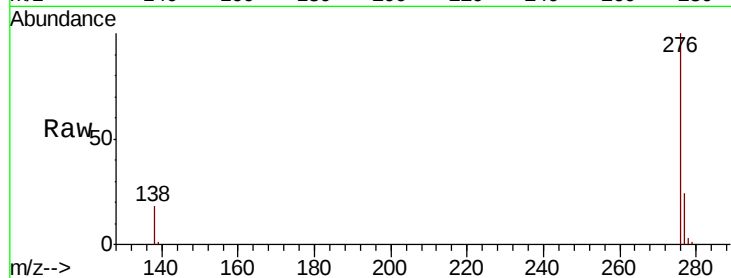
#26
 Benzo(a,h,i)perylene
 Concen: 9.568 ng/ul
 RT: 27.44 min Scan# 7528
 Delta R.T. -0.00 min
 Lab File: BM027975.D
 Acq: 25 Nov 2020 22:01

Instrument :
 BNA_M
 ClientSampleId :
 C0B73DL

Tot Ion:	276	Resp:	88016
Ion Ratio	Lower	Upper	
276	100		
138	18.4	17.4	26.2
277	24.2	22.5	33.7

Manual Integrations
 APPROVED

mohammad
 11/27/2020 11:44:08 AM



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

