

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
 Data File : BM025556.D
 Acq On : 14 Mar 2020 00:51
 Operator : CG/JU
 Sample : L1786-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

Manual Integrations
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mohammad
 3/16/2020 1:52:39 PM

Quant Time: Mar 16 07:00:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 06:44:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3832	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17257	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	11913	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	24534	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	16483	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	16737	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	3813	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	9042	0.13	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	71018	1.390	ng/ul	98
5) 2-Methylnaphthalene	12.09	142	22336	0.612	ng/ul	99
7) Acenaphthylene	14.00	152	34117	0.701	ng/ul#	87
8) Acenaphthene	14.35	153	83002	1.944	ng/ul	98
9) Fluorene	15.33	166	138891	2.670	ng/ul	100
12) Phenanthrene	17.07	178	1617793	20.808	ng/ul	99
13) Anthracene	17.16	178	477722	7.060	ng/ul	99
15) Fluoranthene	19.09	202	2984568	35.411	ng/ul	98
17) Pyrene	19.45	202	2304848	31.154	ng/ul	98
18) Benzo(a)anthracene	21.20	228	1211152	20.552	ng/ul	99
19) Chrysene	21.25	228	1074626	16.239	ng/ul	97
21) Benzo(b)fluoranthene	22.75	252	1243528m	18.763	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	484265m	6.974	ng/ul	
23) Benzo(a)pyrene	23.31	252	890879	16.187	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.57	276	565863	7.578	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.57	278	161241	2.567	ng/ul	99
26) Benzo(a,h,i)perylene	26.23	276	414190	6.395	ng/ul	98

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

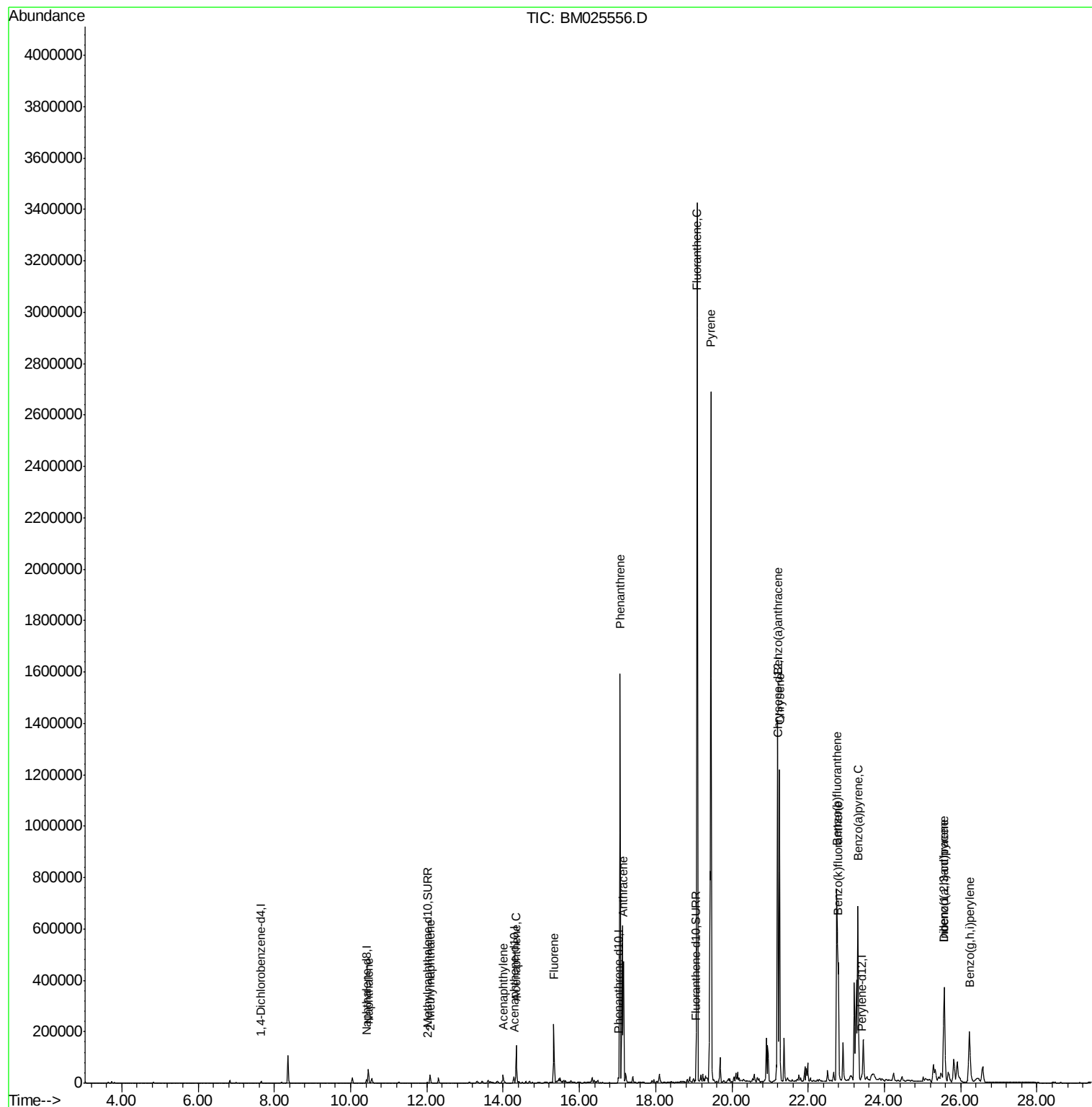
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
Data File : BM025556.D
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ALS Vial : 15 Sample Multiplier: 1

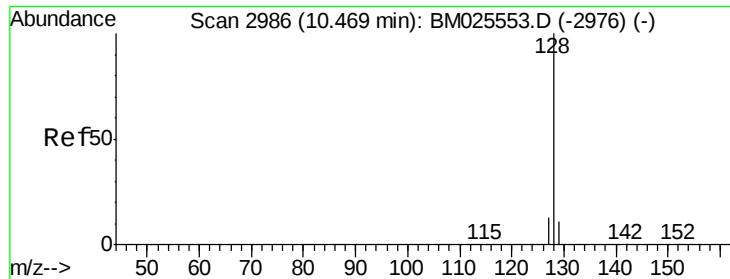
Instrument :
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Quant Time: Mar 16 07:00:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 06:44:28 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.390 ng/ul

RT: 10.47 min Scan# 2986

Delta R.T. -0.00 min

Lab File: BM025556.D

Acq: 14 Mar 2020 00:51

Instrument :

BNA_M

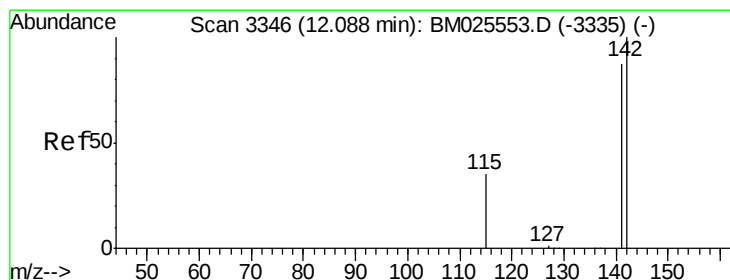
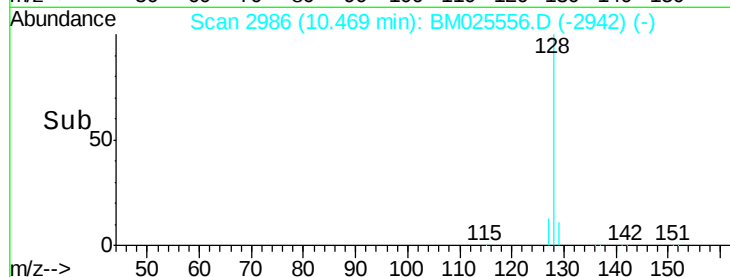
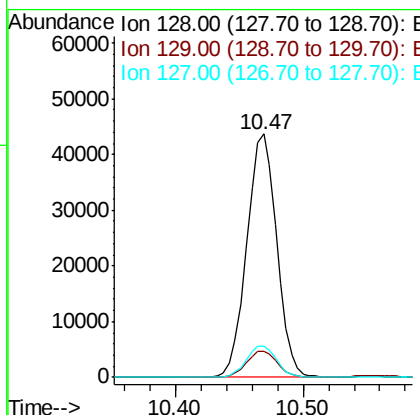
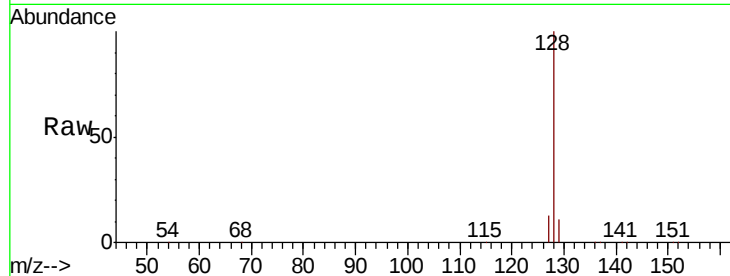
ClientSampleId :

C0AC9

Tot Ion:	128	Resp:	71018
Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.0
127	12.8	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 0.612 ng/ul

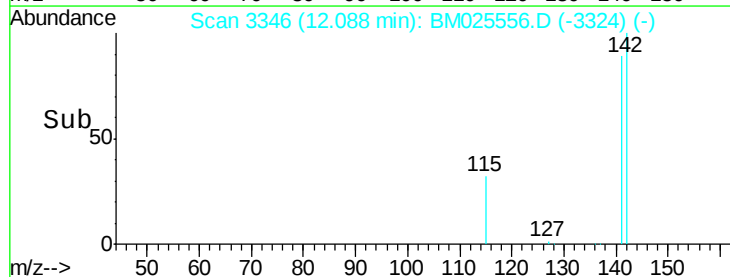
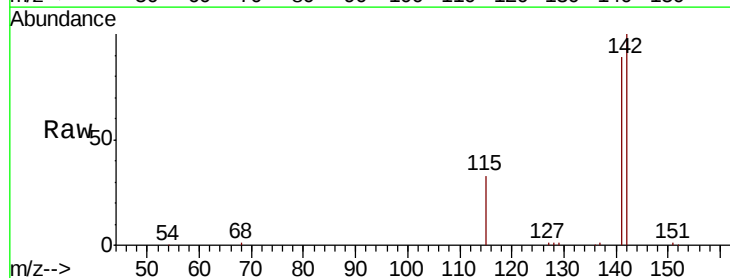
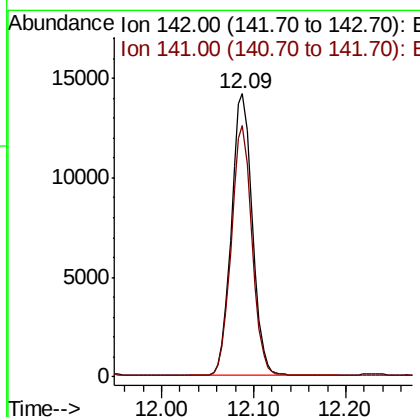
RT: 12.09 min Scan# 3346

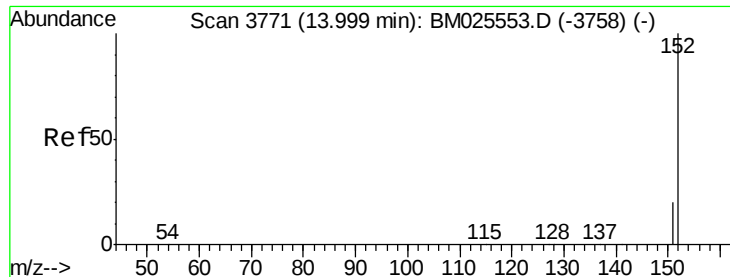
Delta R.T. -0.00 min

Lab File: BM025556.D

Acq: 14 Mar 2020 00:51

Tgt Ion:	142	Resp:	22336
Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.8	104.6





#7

Acenaphthylene

Concen: 0.701 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.00 min

Lab File: BM025556.D

Acq: 14 Mar 2020 00:51

Instrument :

BNA_M

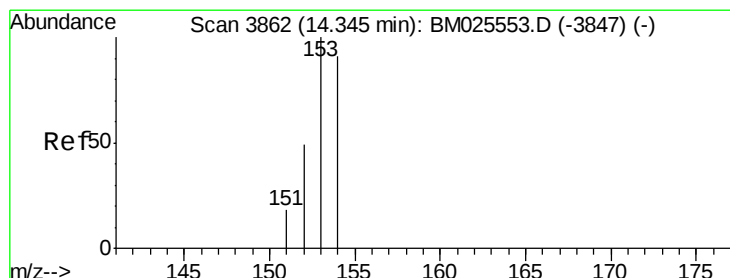
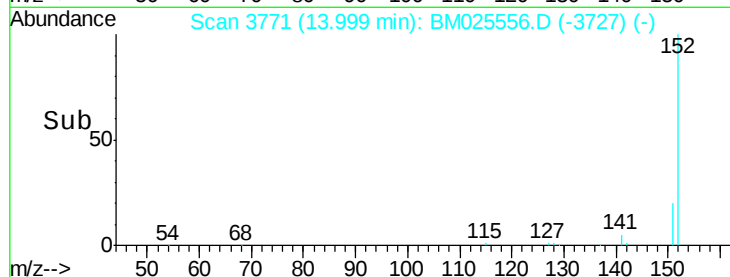
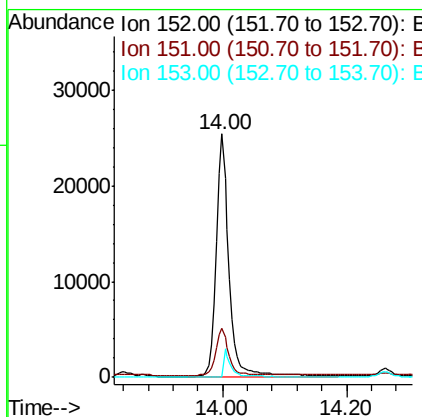
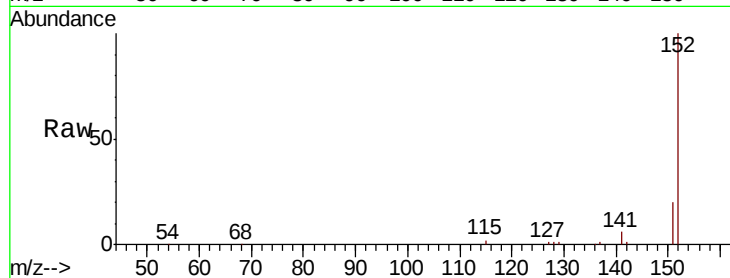
ClientSampleId :

C0AC9

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	0.0	10.6	16.0

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#8

Acenaphthene

Concen: 1.944 ng/ul

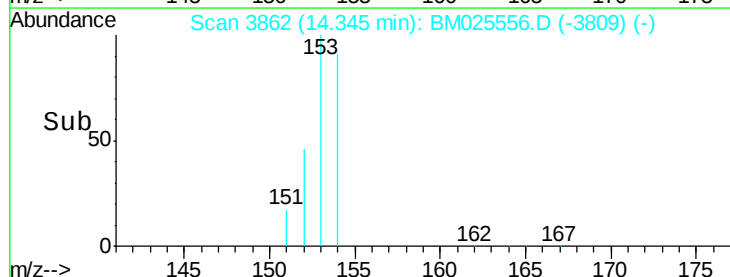
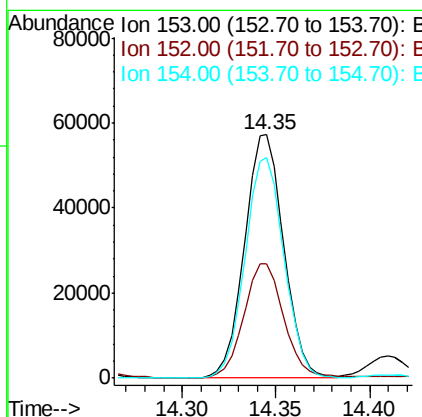
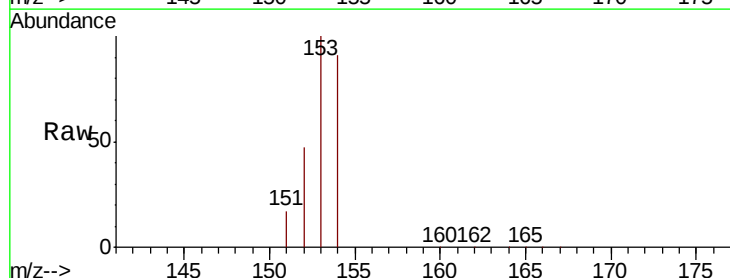
RT: 14.35 min Scan# 3862

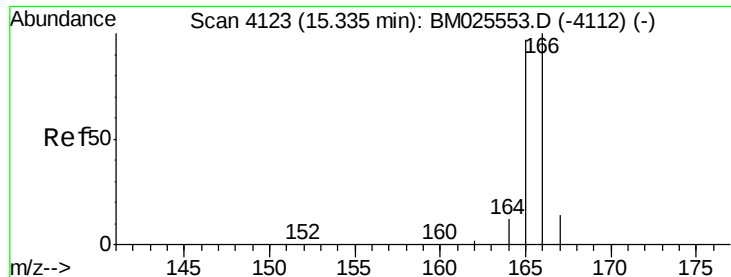
Delta R.T. -0.00 min

Lab File: BM025556.D

Acq: 14 Mar 2020 00:51

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.7	39.5	59.3
154	90.7	71.7	107.5





#9

Fluorene

Concen: 2.670 ng/ul

RT: 15.33 min Scan# 4122

Delta R.T. -0.00 min

Lab File: BM025556.D

Acq: 14 Mar 2020 00:51

Instrument :

BNA_M

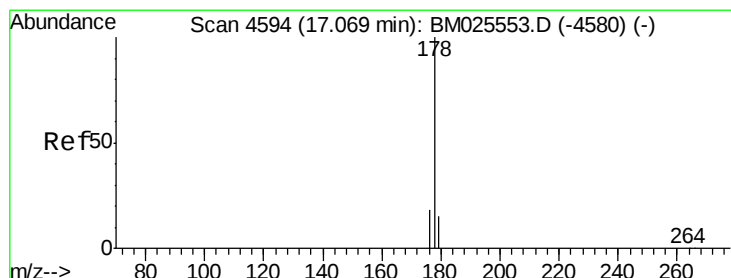
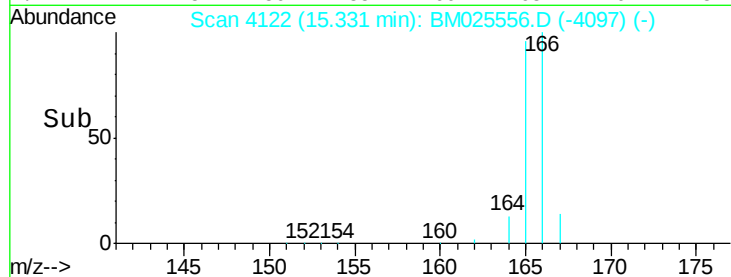
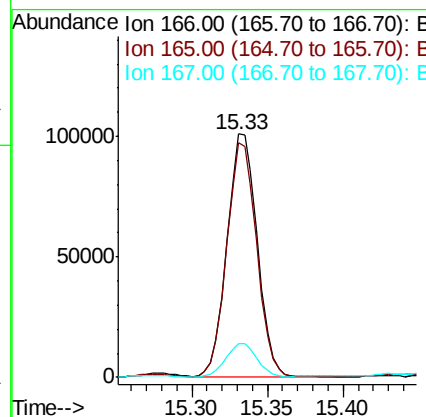
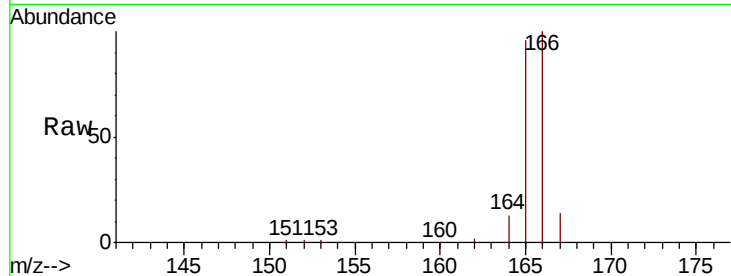
ClientSampleId :

C0AC9

Tot Ion:	166	Resp:	138891
Ion Ratio	Lower	Upper	
166	100		
165	96.5	76.8	115.2
167	14.0	11.2	16.8

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#12

Phenanthrene

Concen: 20.808 ng/ul

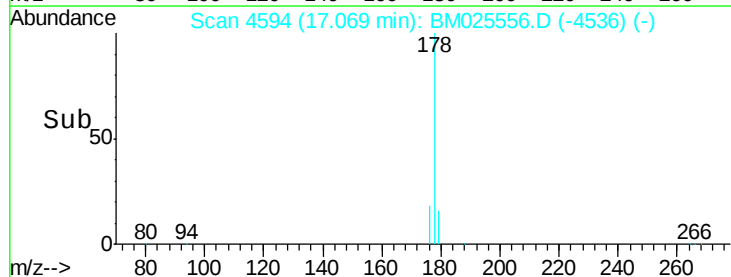
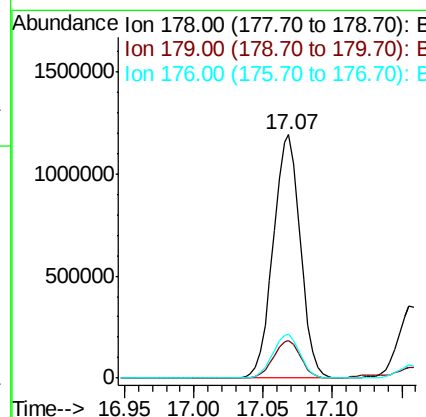
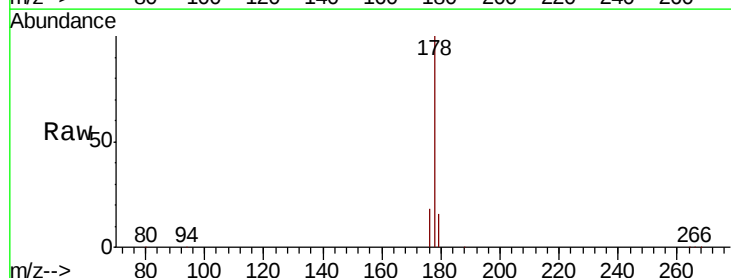
RT: 17.07 min Scan# 4594

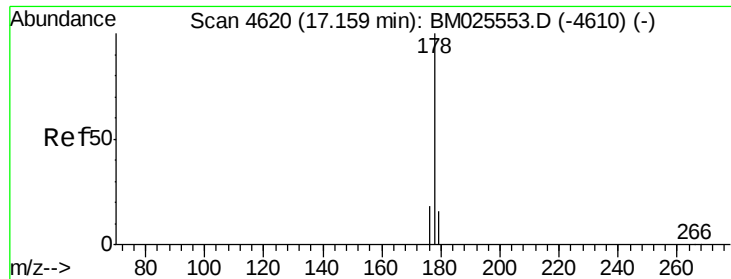
Delta R.T. -0.00 min

Lab File: BM025556.D

Acq: 14 Mar 2020 00:51

Tgt Ion:	178	Resp:	1617793
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.4	18.6
176	18.1	14.8	22.2





#13

Anthracene

Concen: 7.060 ng/ul

RT: 17.16 min Scan# 4619

Delta R.T. -0.00 min

Lab File: BM025556.D

Acq: 14 Mar 2020 00:51

Instrument :

BNA_M

ClientSampled :

C0AC9

Tot Ion:178 Resp: 477722

Ion Ratio Lower Upper

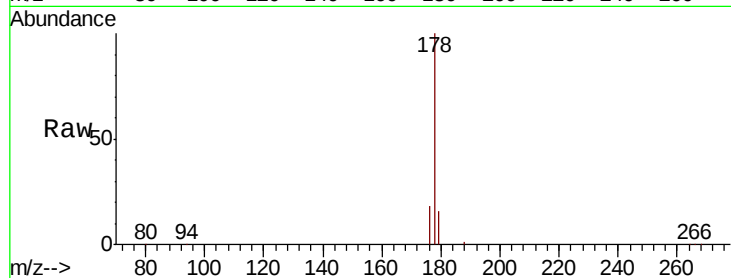
178 100

179 15.5 12.6 18.8

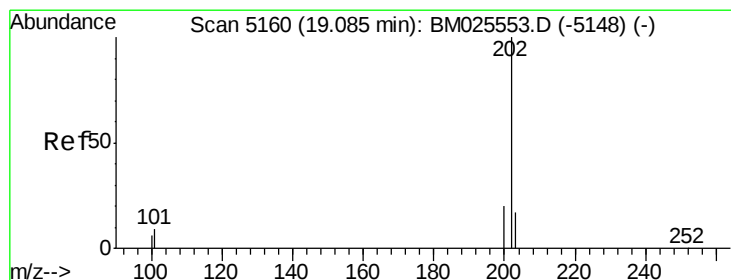
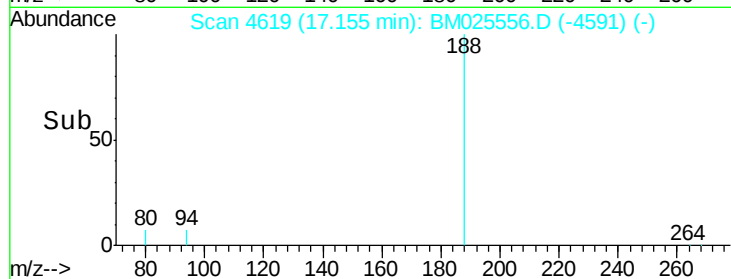
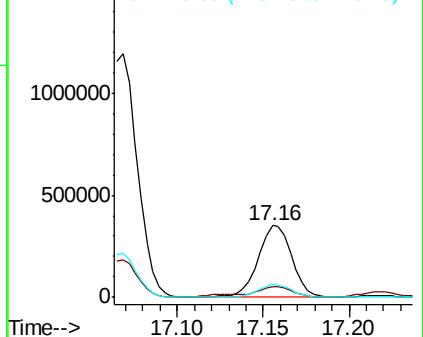
176 17.7 14.5 21.7

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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: 35.411 ng/ul

RT: 19.09 min Scan# 5161

Delta R.T. 0.00 min

Lab File: BM025556.D

Acq: 14 Mar 2020 00:51

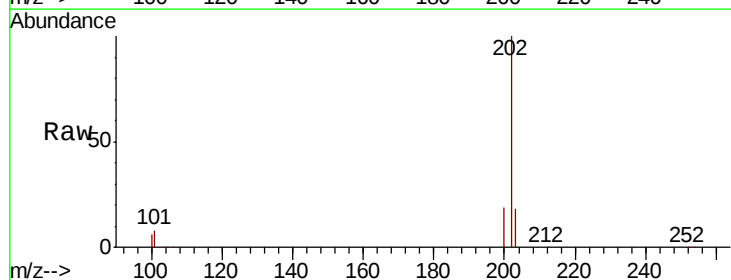
Tgt Ion:202 Resp: 2984568

Ion Ratio Lower Upper

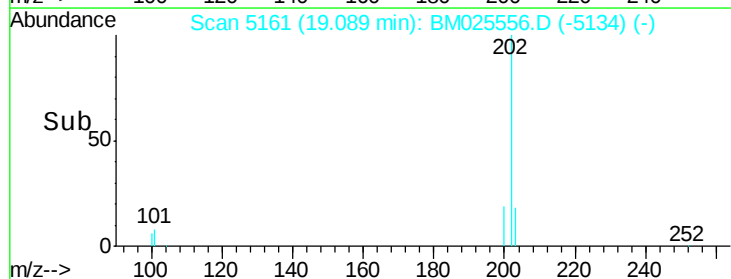
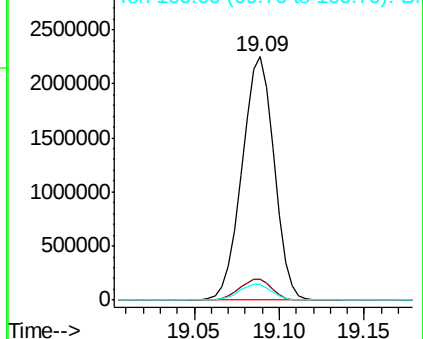
202 100

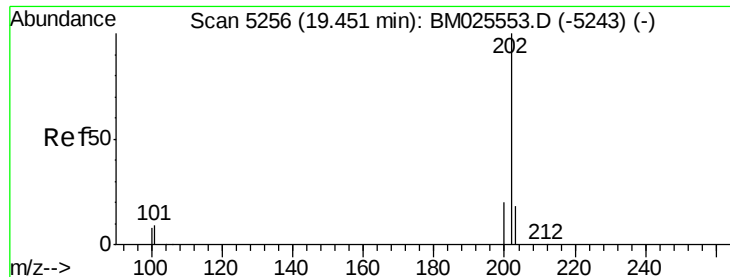
101 8.5 0.0 27.5

100 6.4 0.0 26.0



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





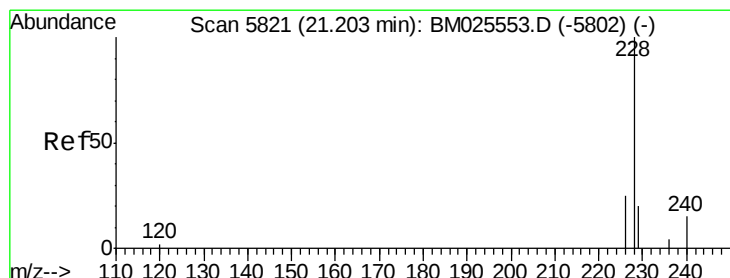
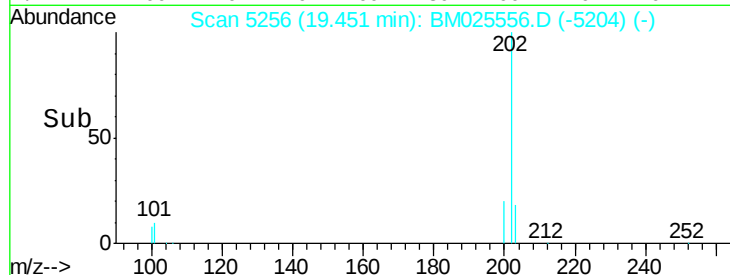
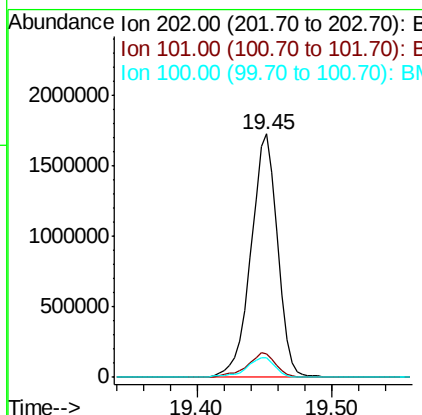
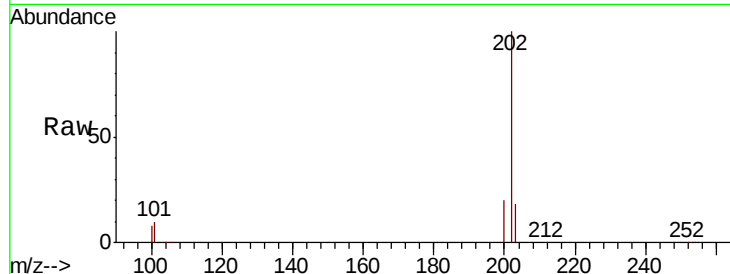
#17
Pvrene
Concen: 31.154 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025556.D
Acq: 14 Mar 2020 00:51

Instrument :
BNA_M
ClientSampleId :
C0AC9

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.1	10.7
100	7.9	6.0	9.0

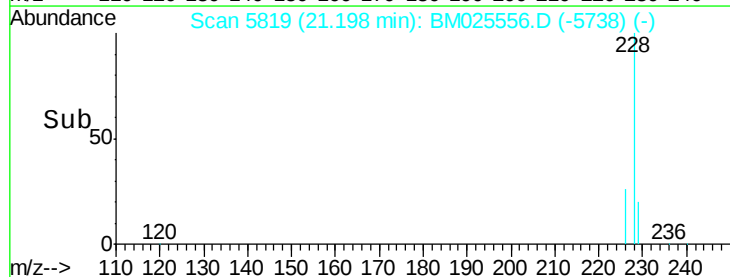
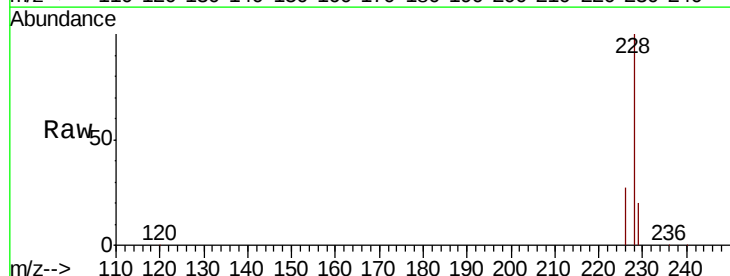
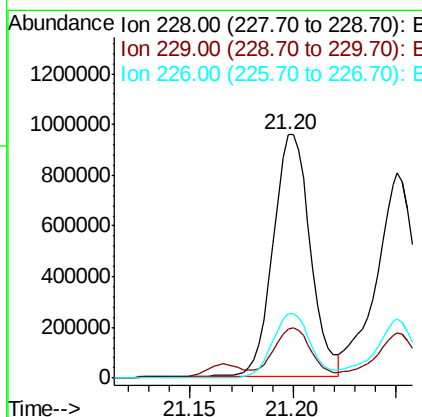
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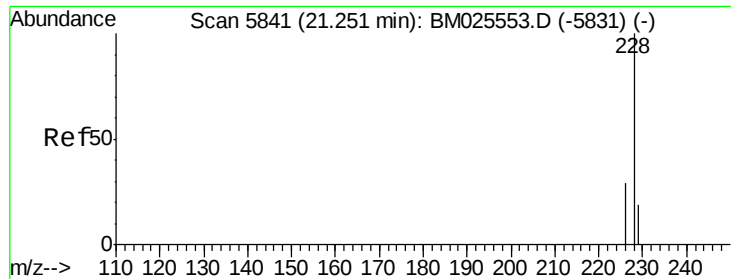
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#18
Benzo(a)anthracene
Concen: 20.552 ng/ul
RT: 21.20 min Scan# 5819
Delta R.T. -0.00 min
Lab File: BM025556.D
Acq: 14 Mar 2020 00:51

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.6	23.4
226	26.6	21.1	31.7





#19

Chrysene

Concen: 16.239 ng/ul

RT: 21.25 min Scan# 5841

Delta R.T. -0.00 min

Lab File: BM025556.D

Acq: 14 Mar 2020 00:51

Instrument :

BNA_M

ClientSampleId :

C0AC9

Tot Ion:228 Resp: 1074626

Ion Ratio Lower Upper

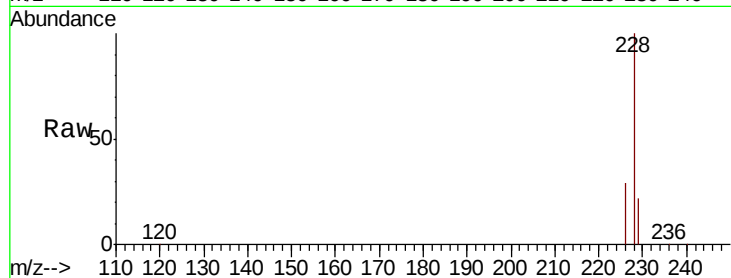
228 100

226 28.7 23.6 35.4

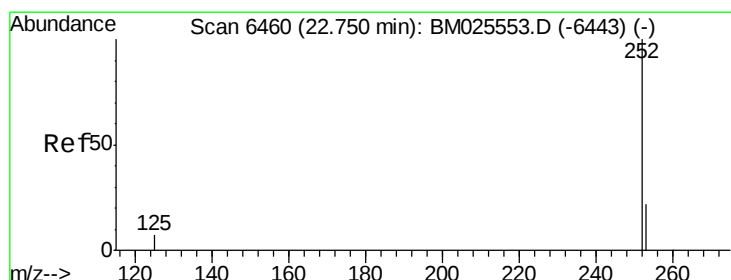
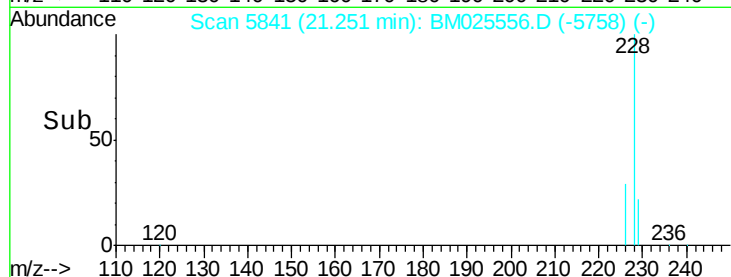
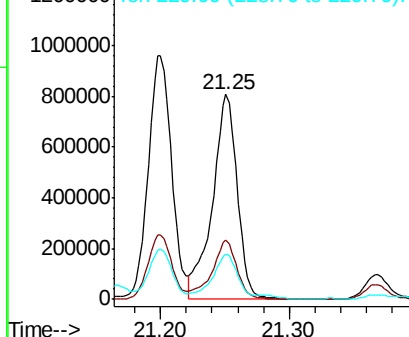
229 22.3 16.3 24.5

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



#21

Benzo(b)fluoranthene

Concen: 18.763 ng/ul m

RT: 22.75 min Scan# 6462

Delta R.T. 0.00 min

Lab File: BM025556.D

Acq: 14 Mar 2020 00:51

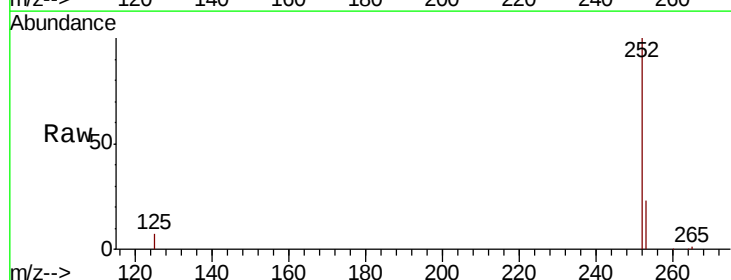
Tgt Ion:252 Resp: 1243528

Ion Ratio Lower Upper

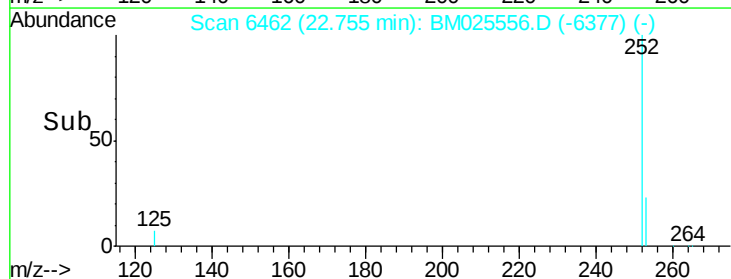
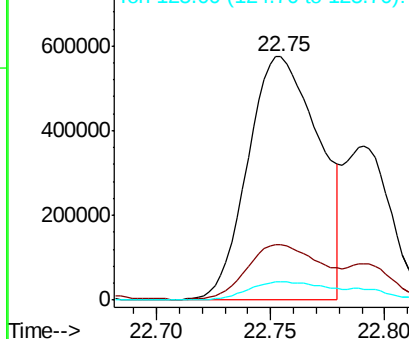
252 100

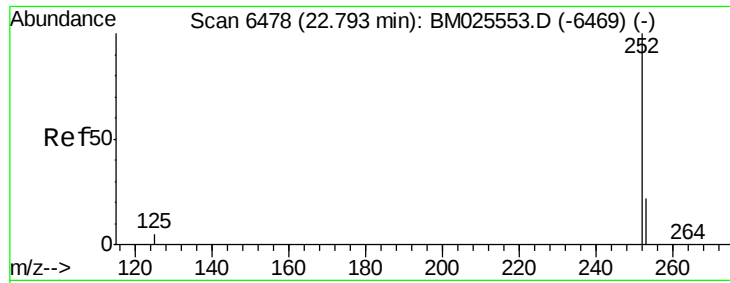
253 23.0 0.0 50.2

125 7.5 0.0 17.6



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





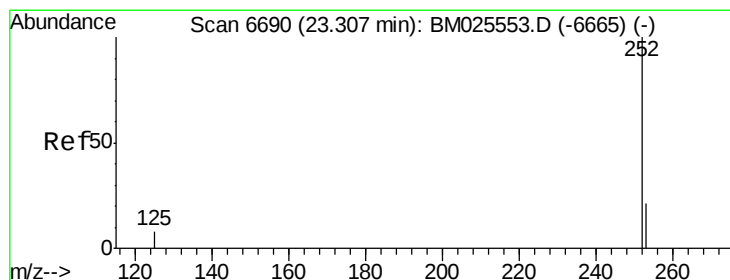
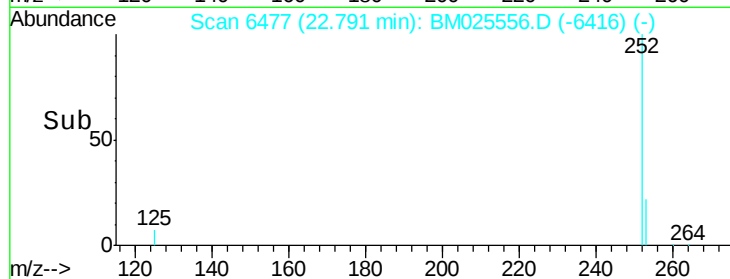
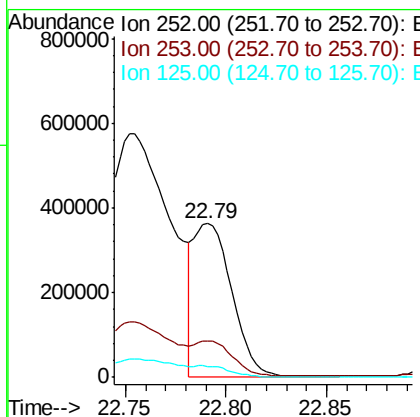
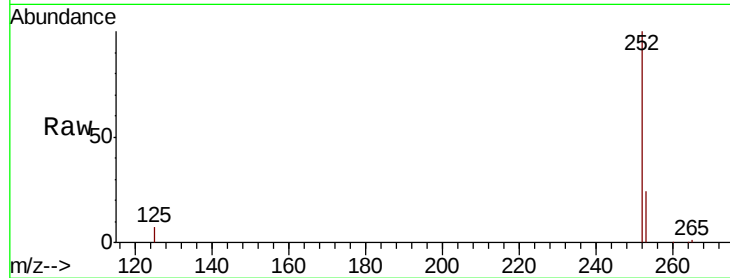
#22
Benzo(k)fluoranthene
Concen: 6.974 ng/ul m
RT: 22.79 min Scan# 6477
Delta R.T. -0.00 min
Lab File: BM025556.D
Acq: 14 Mar 2020 00:51

Instrument :
BNA_M
ClientSampleId :
C0AC9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.8	29.8
125	7.3	7.1	10.7

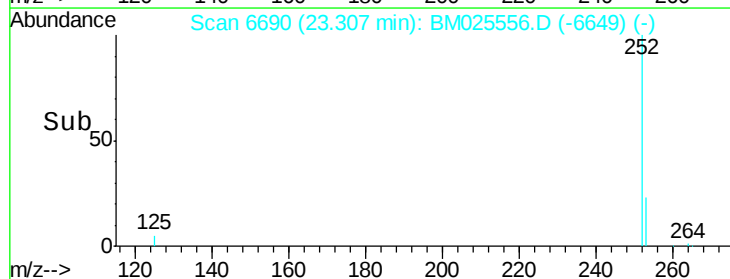
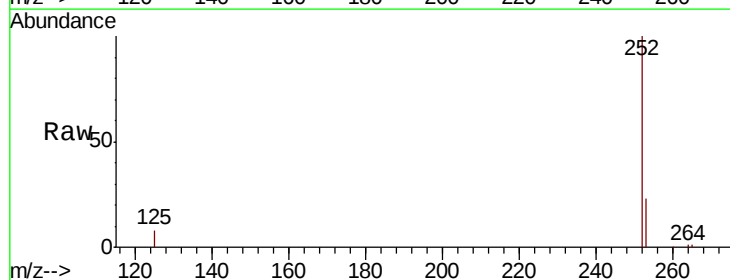
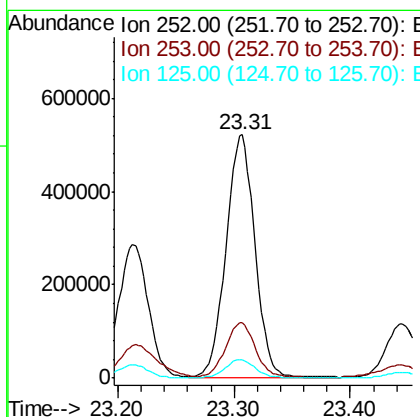
Manual Integrations
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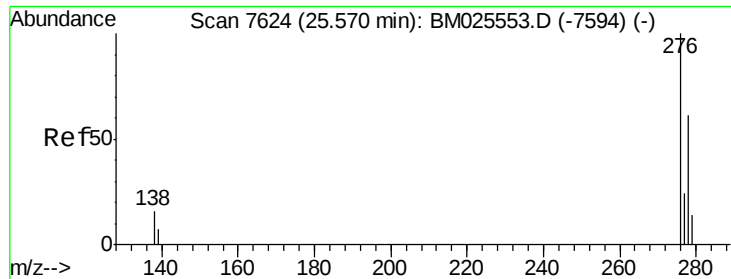
mohammad
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#23
Benzo(a)pyrene
Concen: 16.187 ng/ul
RT: 23.31 min Scan# 6690
Delta R.T. -0.00 min
Lab File: BM025556.D
Acq: 14 Mar 2020 00:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	21.3	31.9
125	7.7	8.5	12.7#





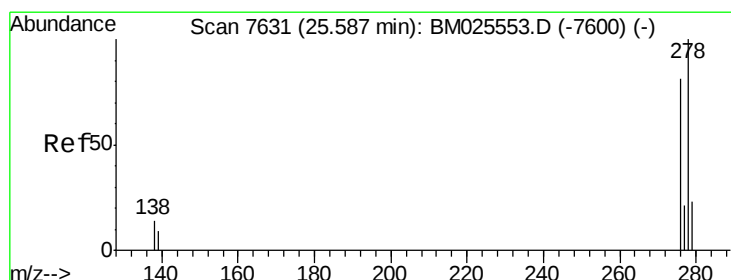
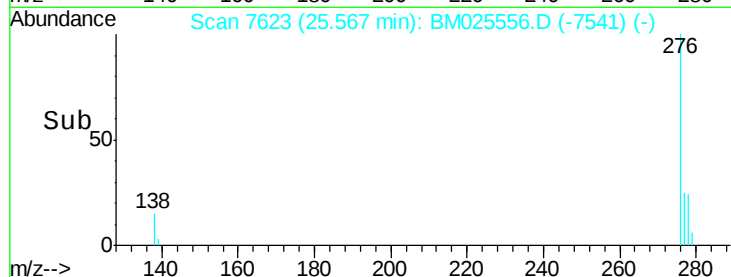
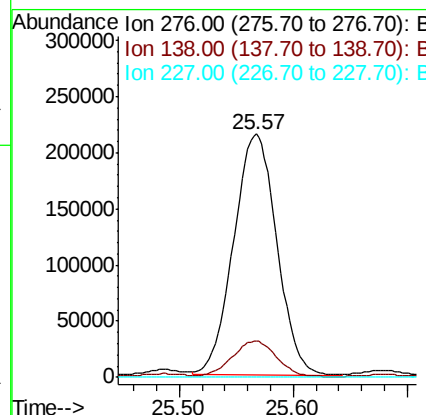
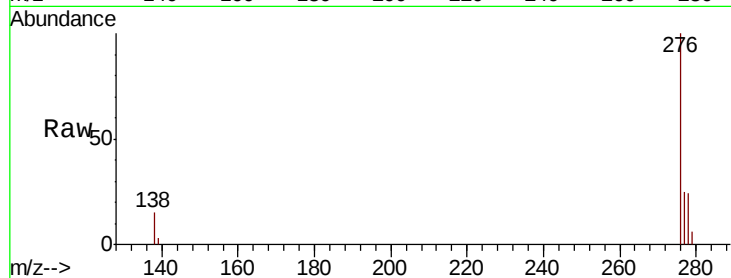
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 7.578 ng/uL
 RT: 25.57 min Scan# 7623
 Delta R.T. -0.00 min
 Lab File: BM025556.D
 Acq: 14 Mar 2020 00:51

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.9	12.3	18.5
227	0.0	0.0	0.0

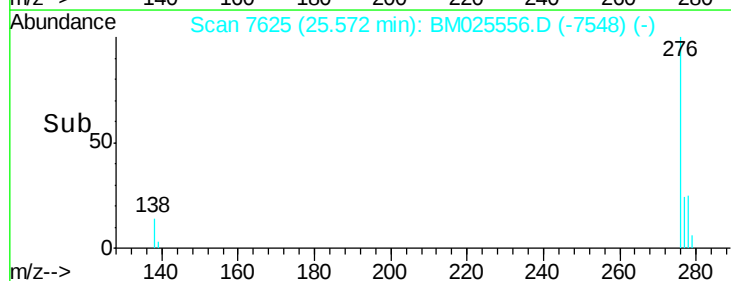
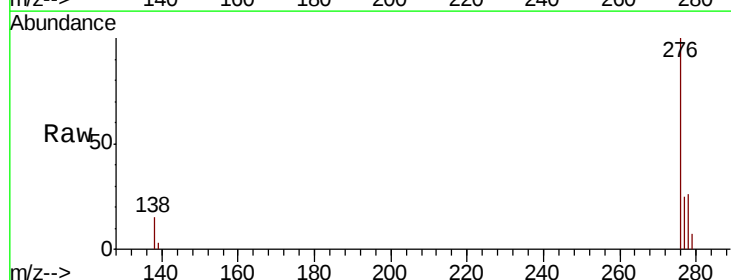
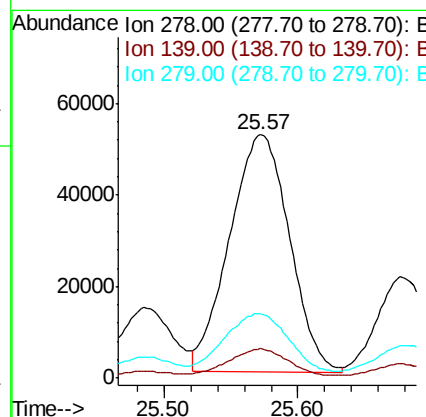
Manual Integrations
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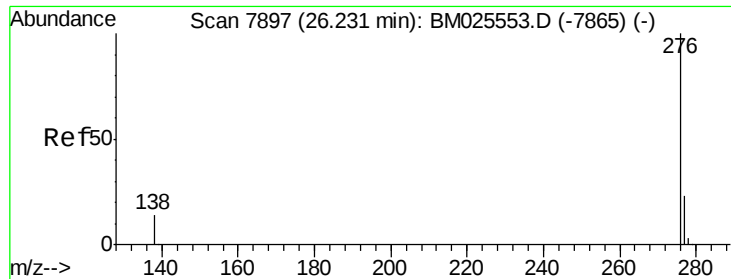
mohammad
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#25
 Dibenzo(a,h)anthracene
 Concen: 2.567 ng/uL
 RT: 25.57 min Scan# 7625
 Delta R.T. -0.01 min
 Lab File: BM025556.D
 Acq: 14 Mar 2020 00:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.1	9.0	13.6
279	26.4	21.1	31.7





#26
Benzo(a,h,i)perylene
Concen: 6.395 ng/ul
RT: 26.23 min Scan# 7896
Delta R.T. -0.00 min
Lab File: BM025556.D
Acq: 14 Mar 2020 00:51

Instrument :
BNA_M
ClientSampleId :
C0AC9

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.9	11.0	16.4
277	24.1	19.8	29.6

Manual Integrations
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