

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
 Data File : BM025557.D
 Acq On : 14 Mar 2020 01:27
 Operator : CG/JU
 Sample : L1786-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC3

Manual Integrations
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mohammad
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Quant Time: Mar 16 07:03:59 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	4180	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	18190	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	11843	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	21838	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	17462	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	19951	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	2957	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	5652	0.09	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	107450	1.995	ng/ul	98
5) 2-Methylnaphthalene	12.09	142	64098	1.665	ng/ul	100
7) Acenaphthylene	14.00	152	99917	2.065	ng/ul#	86
8) Acenaphthene	14.34	153	93015	2.192	ng/ul	99
9) Fluorene	15.33	166	248631	4.808	ng/ul	100
12) Phenanthrene	17.07	178	1164234	16.823	ng/ul	99
13) Anthracene	17.16	178	1102087	18.299	ng/ul	99
15) Fluoranthene	19.09	202	2142079	28.553	ng/ul	98
17) Pyrene	19.45	202	1529097	19.510	ng/ul	98
18) Benzo(a)anthracene	21.20	228	933027	14.945	ng/ul	97
19) Chrysene	21.25	228	778377	11.103	ng/ul	97
21) Benzo(b)fluoranthene	22.75	252	979508m	12.398	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	371950m	4.493	ng/ul	
23) Benzo(a)pyrene	23.30	252	640740	9.767	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.56	276	379913	4.268	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.57	278	121617	1.624	ng/ul	99
26) Benzo(a,h,i)perylene	26.22	276	243967	3.160	ng/ul	98

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

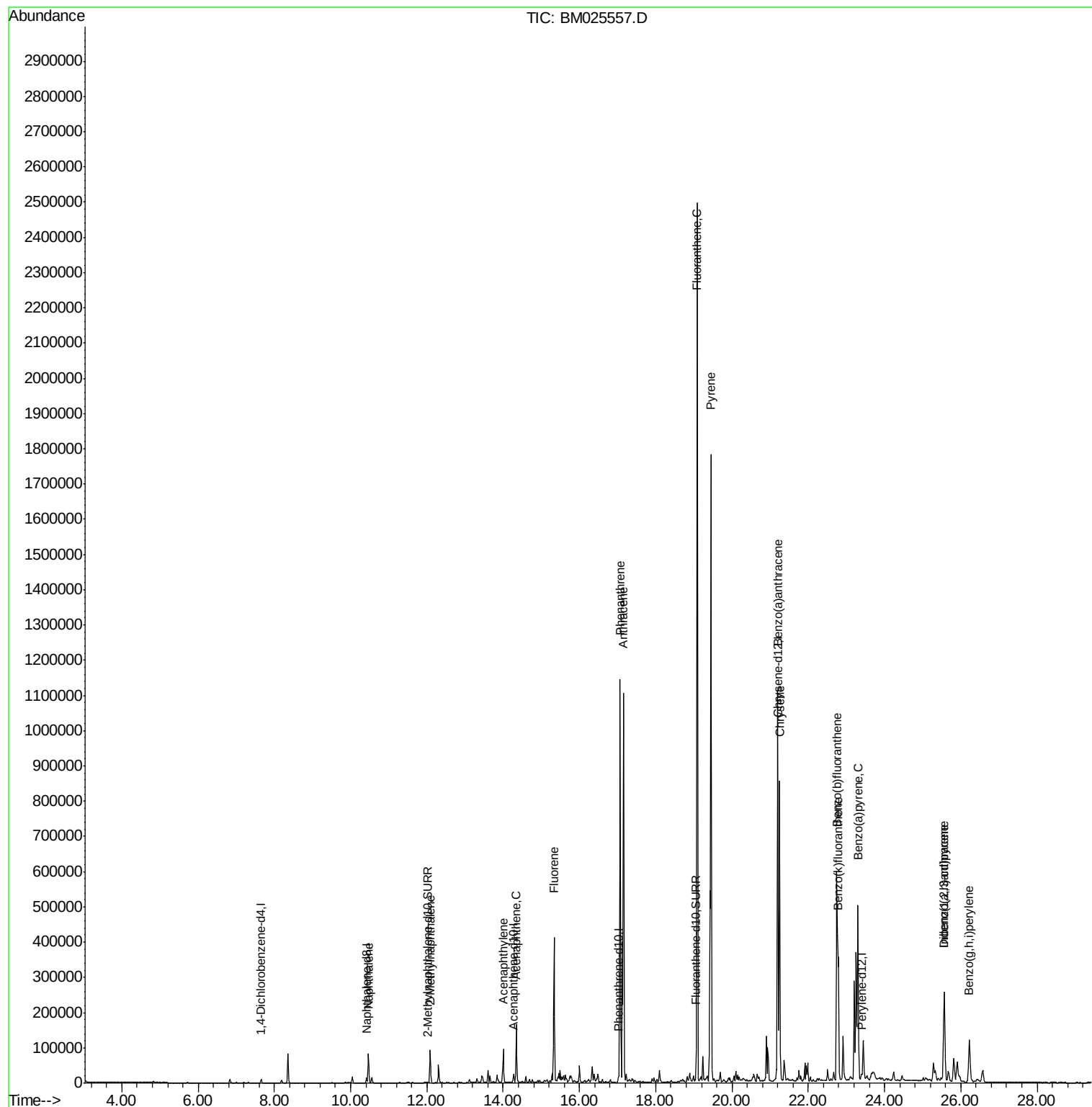
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
Data File : BM025557.D
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Sample : L1786-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

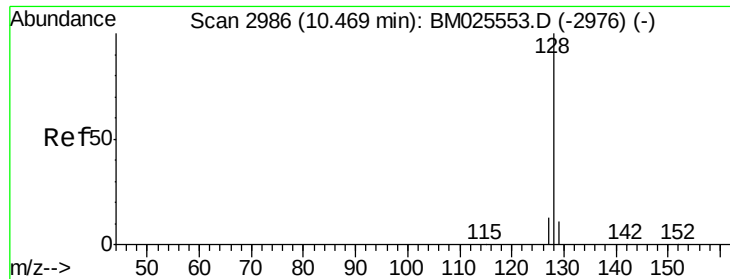
Instrument :
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Quant Time: Mar 16 07:03:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 06:44:28 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.995 ng/ul

RT: 10.47 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BM025557.D

Acq: 14 Mar 2020 01:27

Instrument :

BNA_M

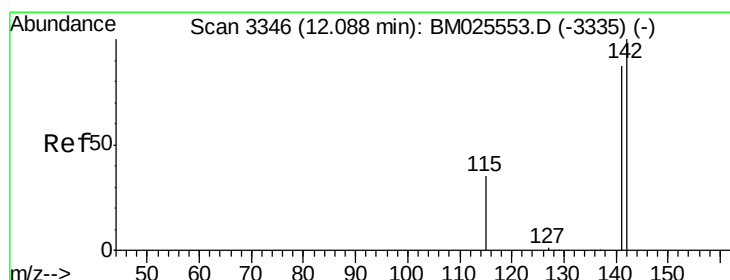
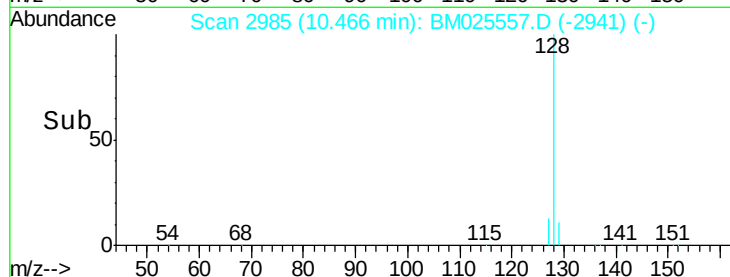
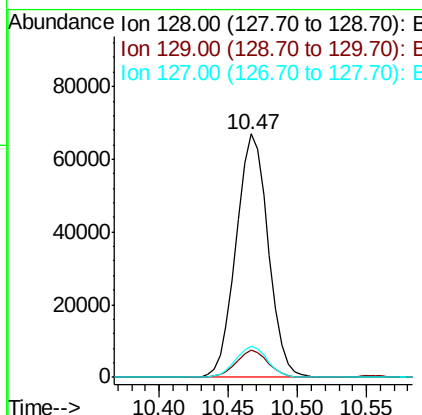
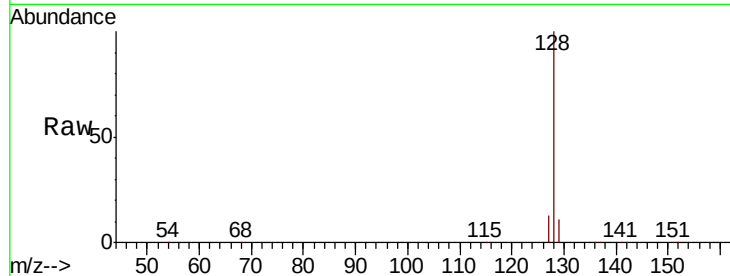
ClientSampleId :

C0AC3

Tot Ion:	128	Resp:	107450
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	12.9	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 1.665 ng/ul

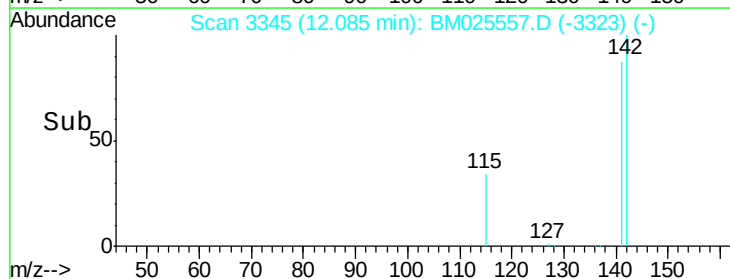
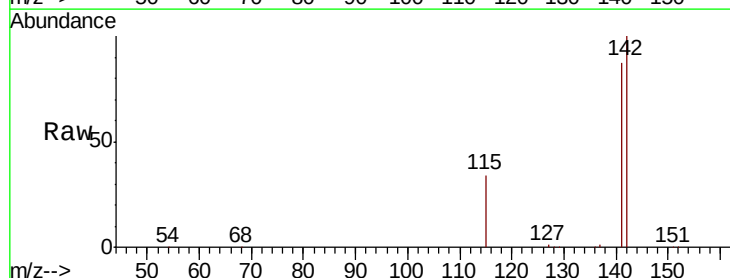
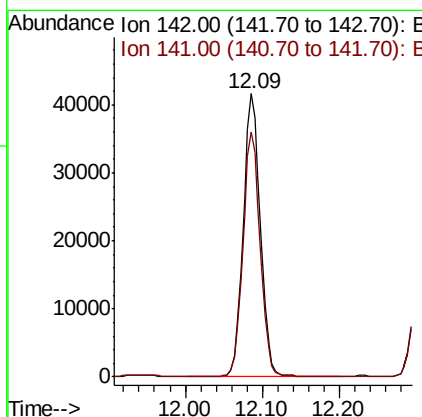
RT: 12.09 min Scan# 3345

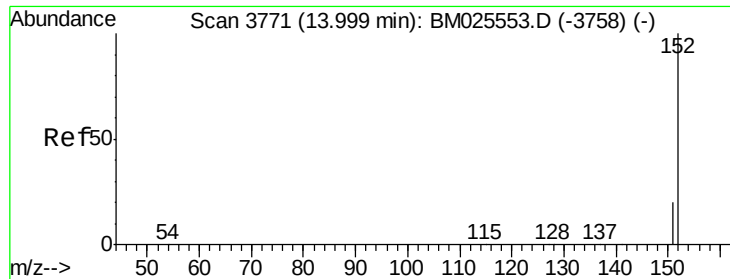
Delta R.T. -0.00 min

Lab File: BM025557.D

Acq: 14 Mar 2020 01:27

Tgt Ion:	142	Resp:	64098
Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.8	104.6





#7

Acenaphthylene

Concen: 2.065 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. 0.00 min

Lab File: BM025557.D

Acq: 14 Mar 2020 01:27

Instrument :

BNA_M

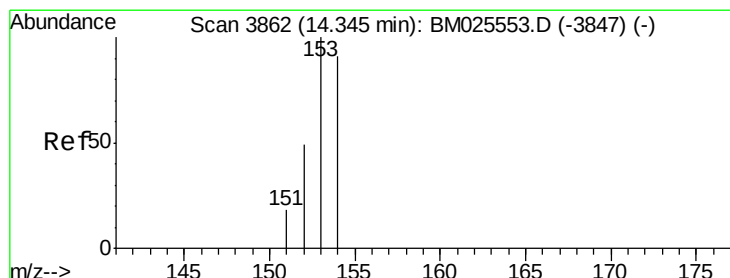
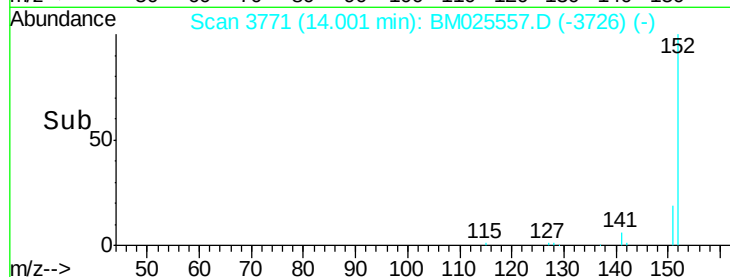
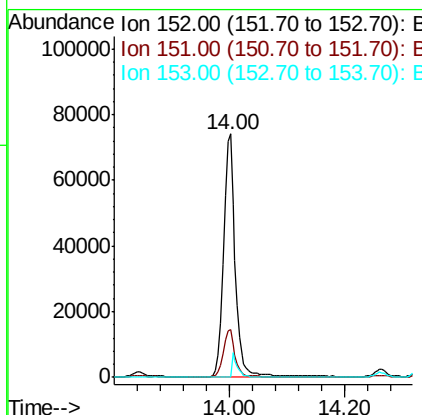
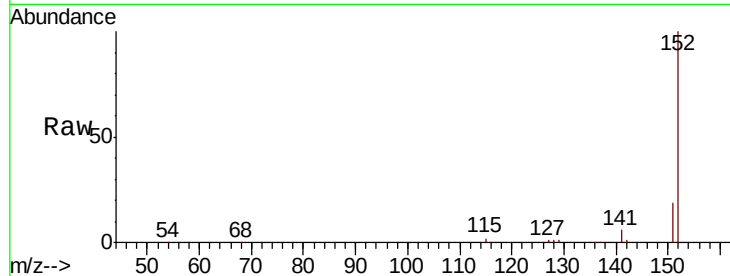
ClientSampleId :

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Tot Ion:	152	Resp:	99917
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.2	24.2
153	0.0	10.6	16.0#

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#8

Acenaphthene

Concen: 2.192 ng/ul

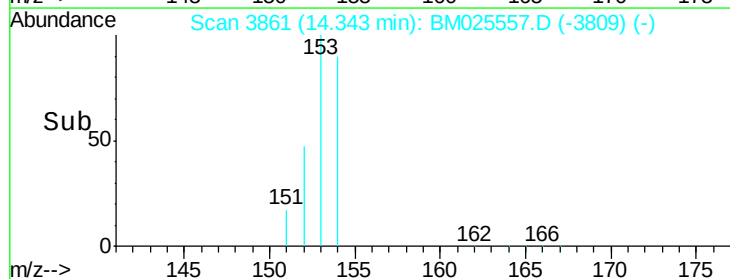
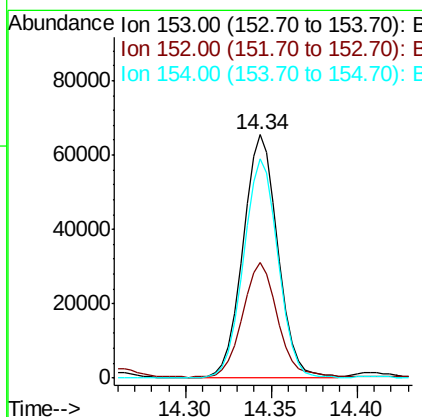
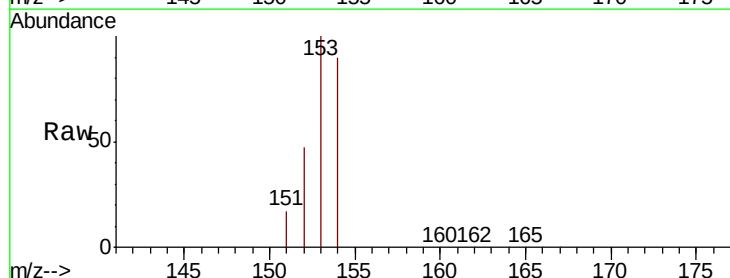
RT: 14.34 min Scan# 3861

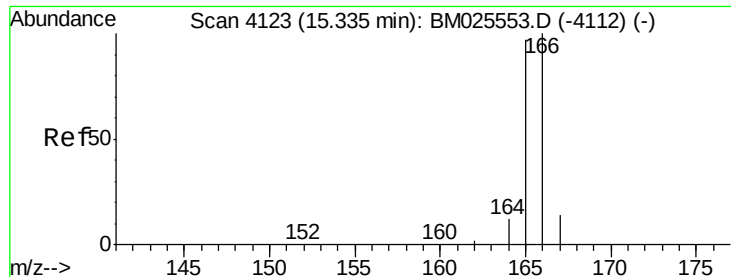
Delta R.T. -0.00 min

Lab File: BM025557.D

Acq: 14 Mar 2020 01:27

Tgt Ion:	153	Resp:	93015
Ion Ratio	Lower	Upper	
153	100		
152	47.3	39.5	59.3
154	90.1	71.7	107.5





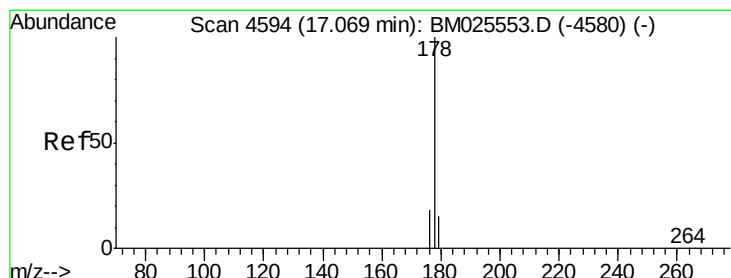
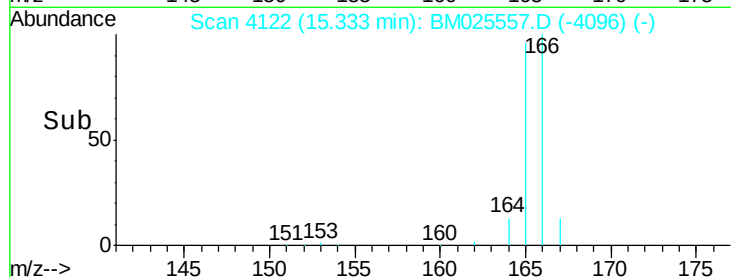
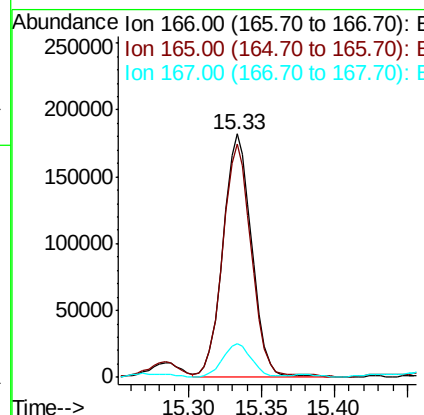
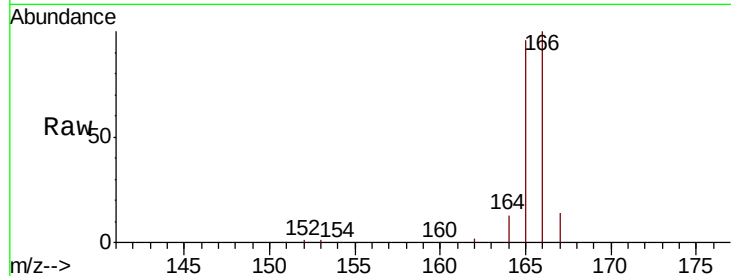
#9
Fluorene
 Concen: 4.808 ng/ul
 RT: 15.33 min Scan# 4122
 Delta R.T. -0.00 min
 Lab File: BM025557.D
 Acq: 14 Mar 2020 01:27

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion:	166	Resp:	248631
Ion Ratio	Lower	Upper	
166	100		
165	95.8	76.8	115.2
167	13.9	11.2	16.8

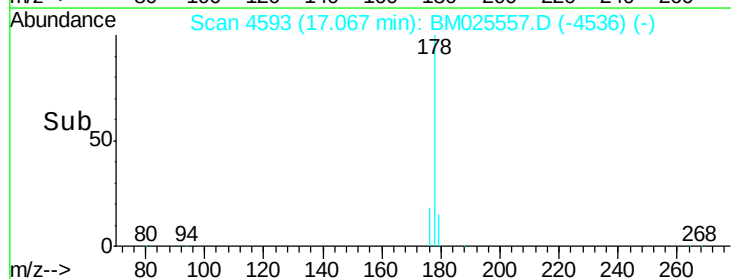
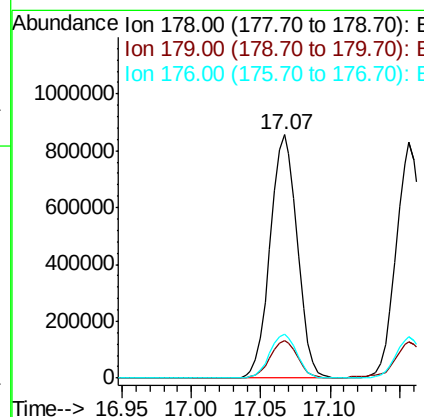
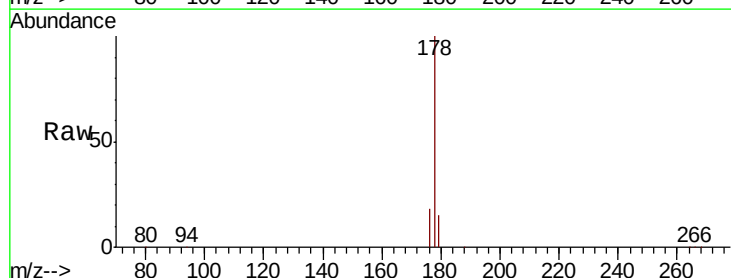
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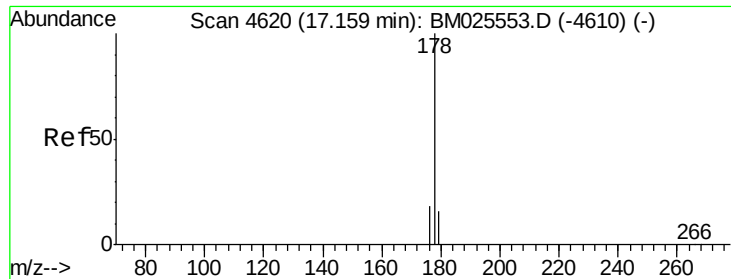
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#12
Phenanthrene
 Concen: 16.823 ng/ul
 RT: 17.07 min Scan# 4593
 Delta R.T. -0.00 min
 Lab File: BM025557.D
 Acq: 14 Mar 2020 01:27

Tgt Ion:	178	Resp:	1164234
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.4	18.6
176	18.1	14.8	22.2





#13

Anthracene

Concen: 18.299 ng/ul

RT: 17.16 min Scan# 4619

Delta R.T. -0.00 min

Lab File: BM025557.D

Acq: 14 Mar 2020 01:27

Instrument :

BNA_M

ClientSampleId :

C0AC3

Tot Ion:178 Resp: 1102087

Ion Ratio Lower Upper

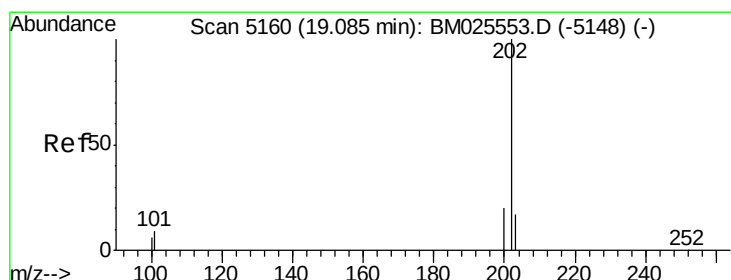
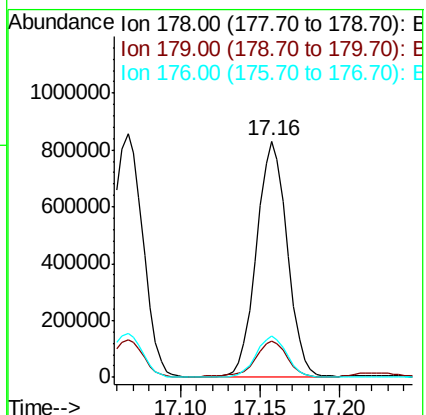
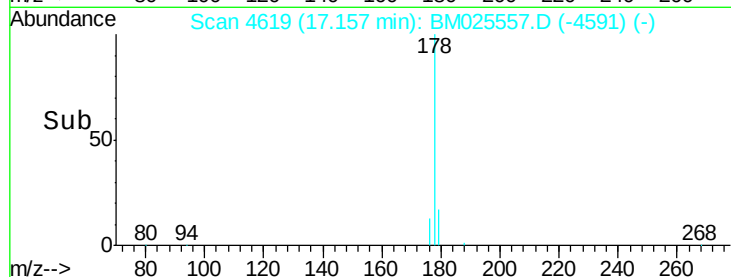
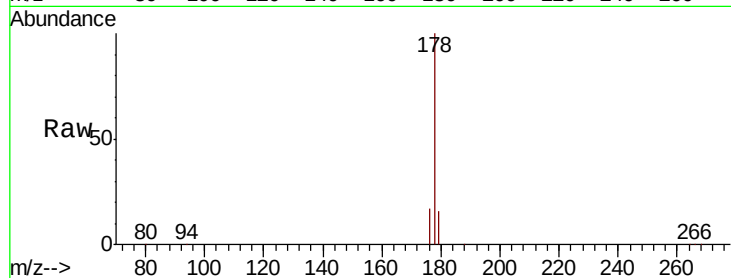
178 100

179 15.6 12.6 18.8

176 17.4 14.5 21.7

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#15

Fluoranthene

Concen: 28.553 ng/ul

RT: 19.09 min Scan# 5160

Delta R.T. 0.00 min

Lab File: BM025557.D

Acq: 14 Mar 2020 01:27

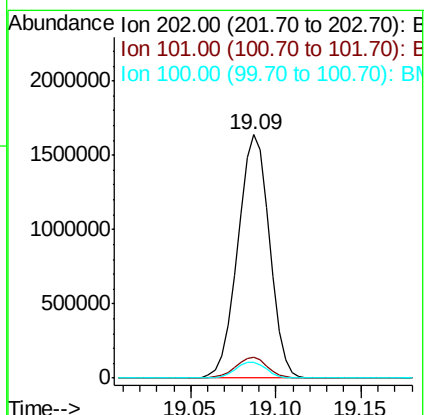
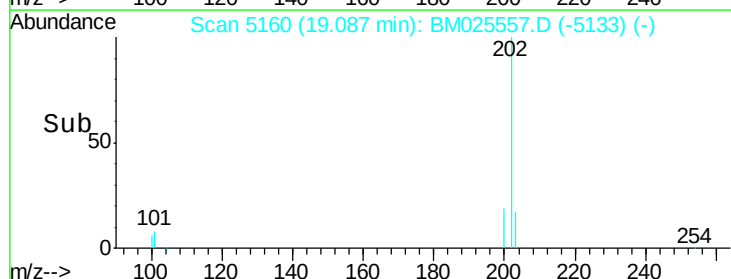
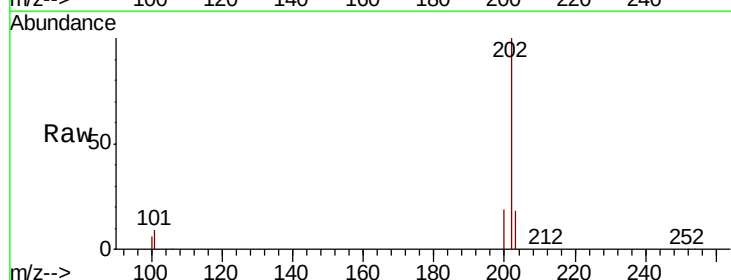
Tgt Ion:202 Resp: 2142079

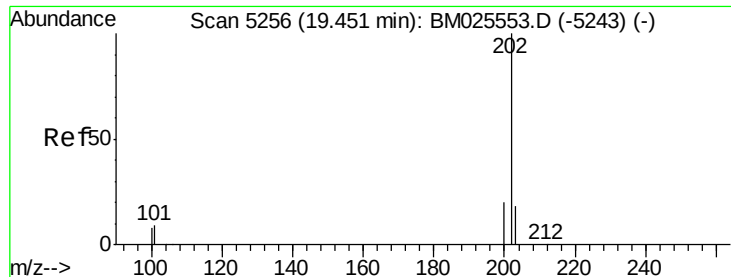
Ion Ratio Lower Upper

202 100

101 8.6 0.0 27.5

100 6.5 0.0 26.0





#17

Pvrene

Concen: 19.510 ng/ul

RT: 19.45 min Scan# 5255

Delta R.T. -0.00 min

Lab File: BM025557.D

Acq: 14 Mar 2020 01:27

Instrument :

BNA_M

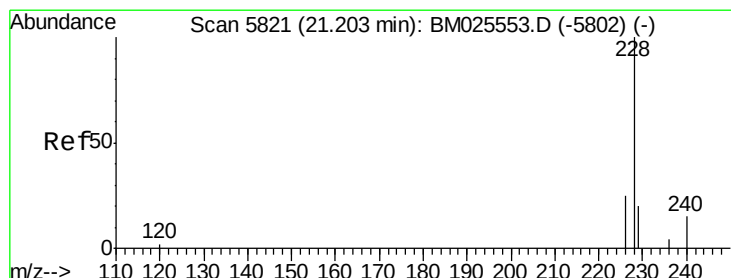
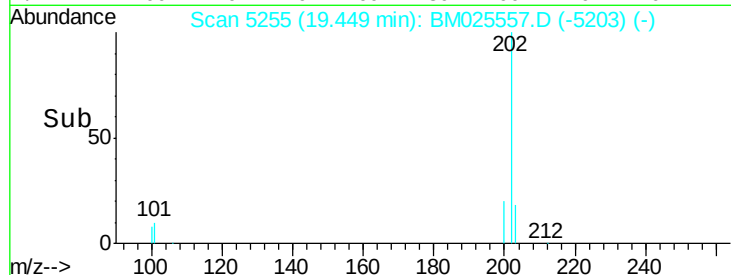
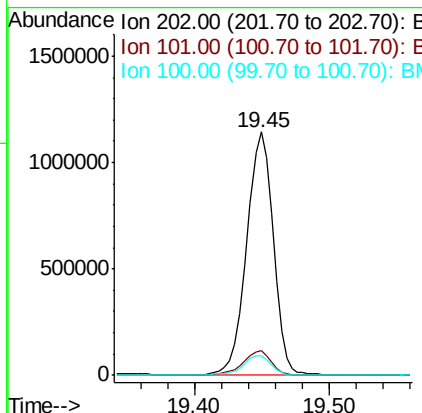
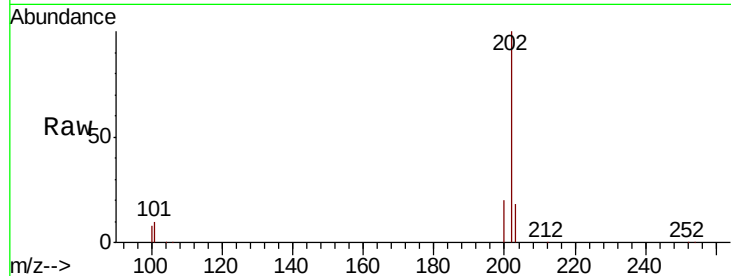
ClientSampleId :

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Tot Ion:	202	Resp:	1529097
Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.1	10.7
100	8.1	6.0	9.0

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#18

Benzo(a)anthracene

Concen: 14.945 ng/ul

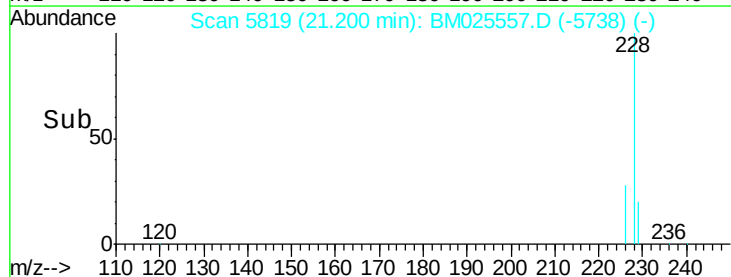
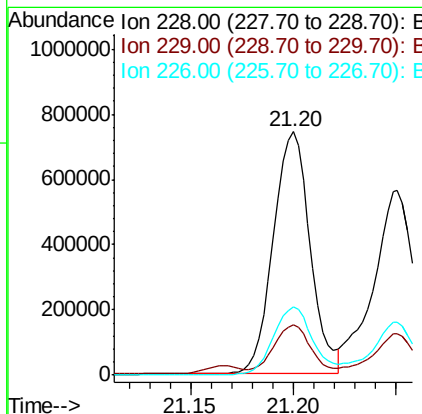
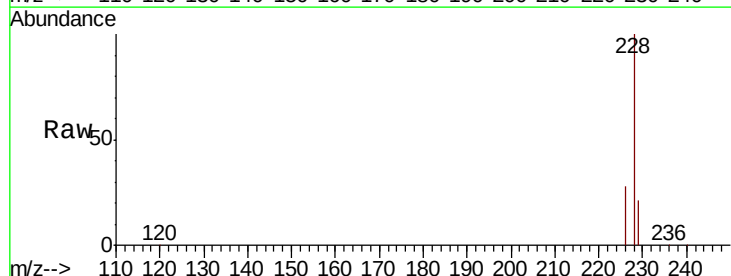
RT: 21.20 min Scan# 5819

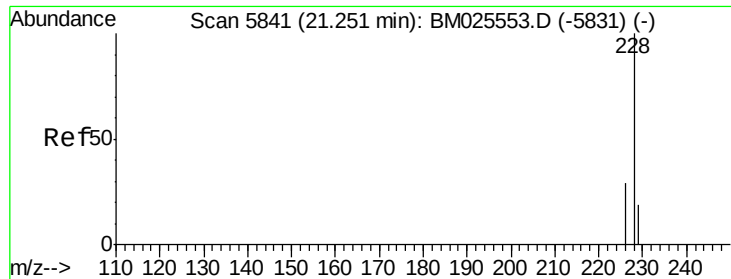
Delta R.T. -0.00 min

Lab File: BM025557.D

Acq: 14 Mar 2020 01:27

Tgt Ion:	228	Resp:	933027
Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.6	23.4
226	28.1	21.1	31.7





#19

Chrysene

Concen: 11.103 ng/ul

RT: 21.25 min Scan# 5840

Delta R.T. -0.00 min

Lab File: BM025557.D

Acq: 14 Mar 2020 01:27

Instrument :

BNA_M

ClientSampleId :

C0AC3

Tot Ion:228 Resp: 778377

Ion Ratio Lower Upper

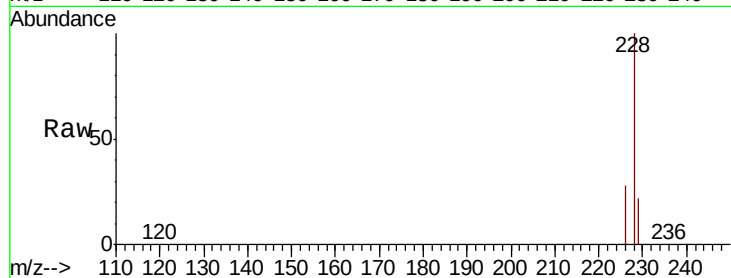
228 100

226 28.5 23.6 35.4

229 22.2 16.3 24.5

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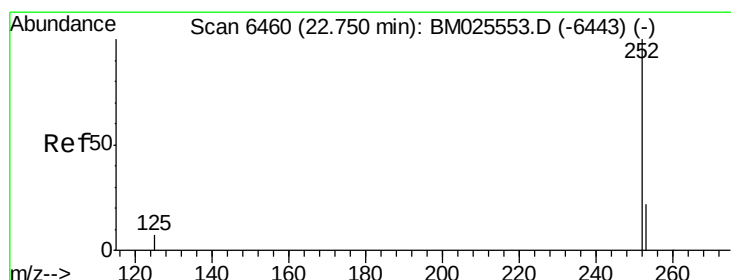
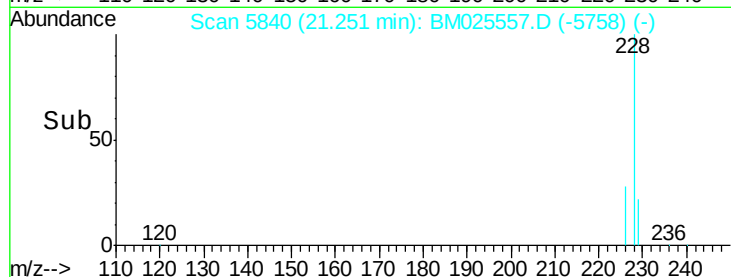
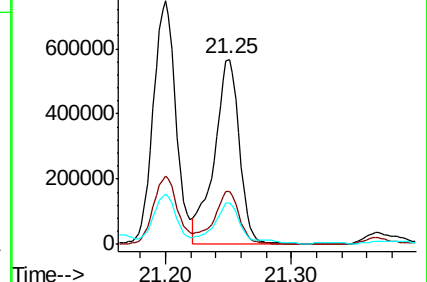
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 12.398 ng/ul m

RT: 22.75 min Scan# 6460

Delta R.T. 0.00 min

Lab File: BM025557.D

Acq: 14 Mar 2020 01:27

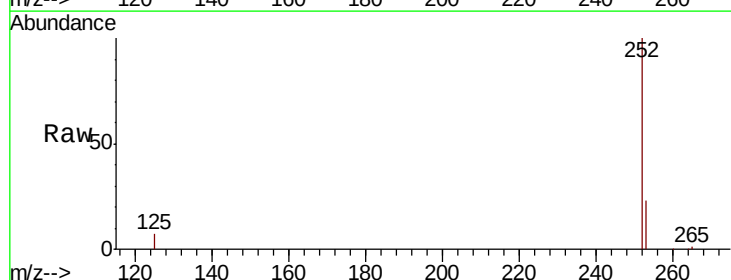
Tgt Ion:252 Resp: 979508

Ion Ratio Lower Upper

252 100

253 22.7 0.0 50.2

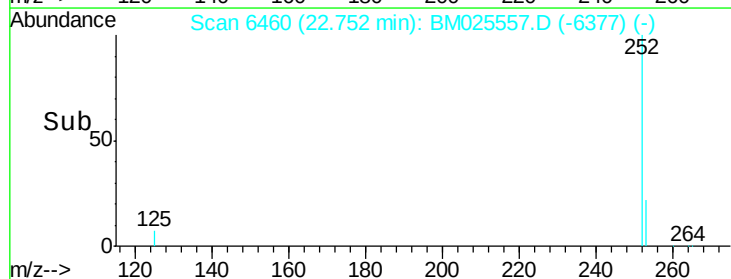
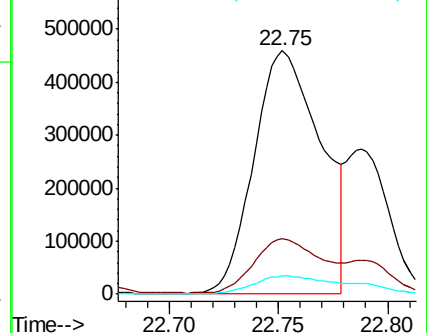
125 7.4 0.0 17.6

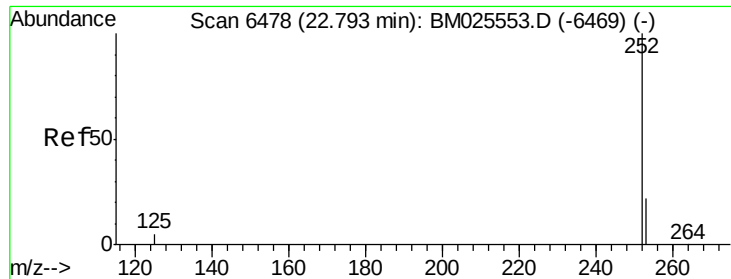


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 4.493 ng/ul m

RT: 22.79 min Scan# 6475

Delta R.T. -0.01 min

Lab File: BM025557.D

Acq: 14 Mar 2020 01:27

Instrument :

BNA_M

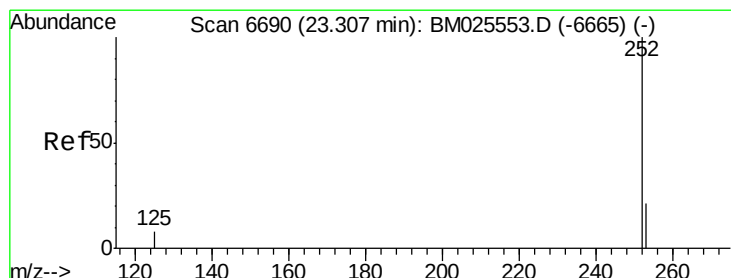
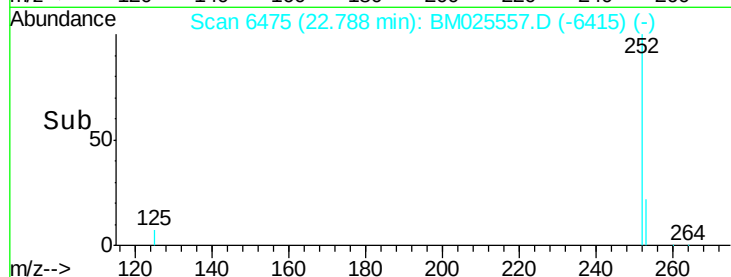
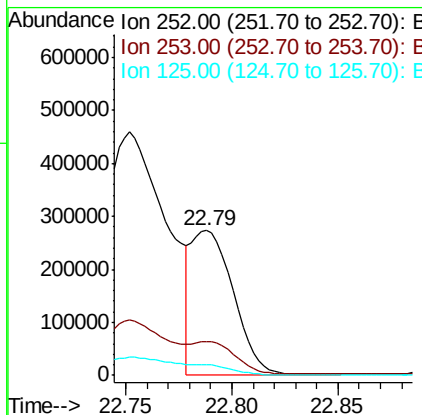
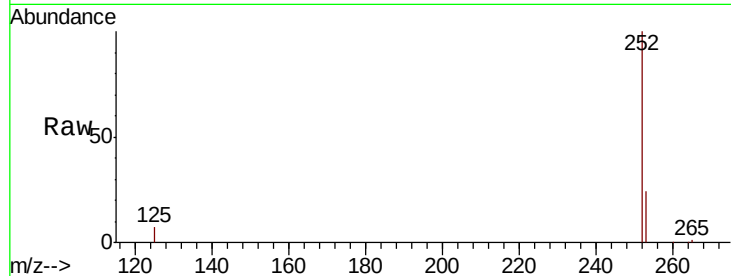
ClientSampleId :

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Tot Ion:	252	Resp:	371950
Ion Ratio	Lower	Upper	
252	100		
253	23.7	19.8	29.8
125	7.4	7.1	10.7

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#23

Benzo(a)pyrene

Concen: 9.767 ng/ul

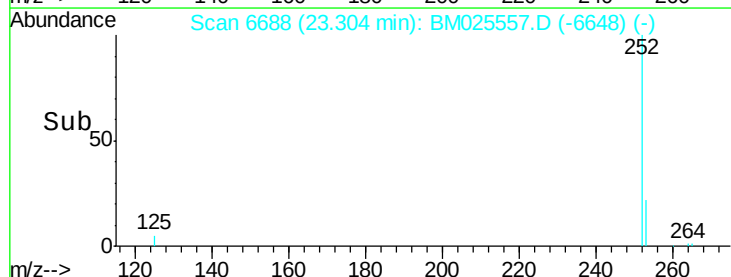
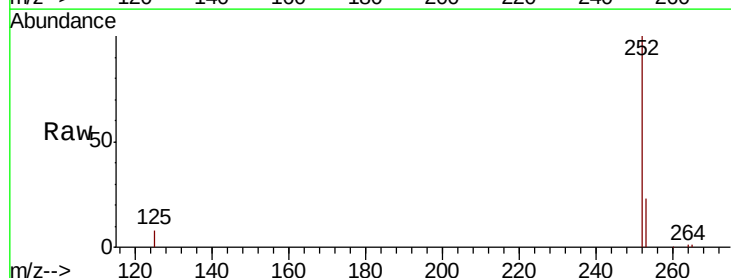
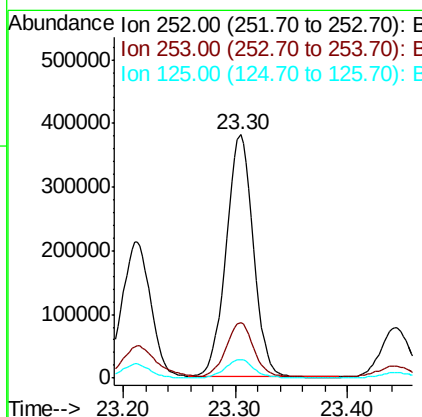
RT: 23.30 min Scan# 6688

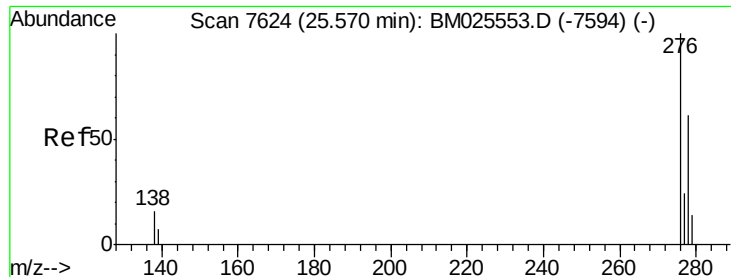
Delta R.T. -0.00 min

Lab File: BM025557.D

Acq: 14 Mar 2020 01:27

Tgt Ion:	252	Resp:	640740
Ion Ratio	Lower	Upper	
252	100		
253	22.7	21.3	31.9
125	7.7	8.5	12.7#





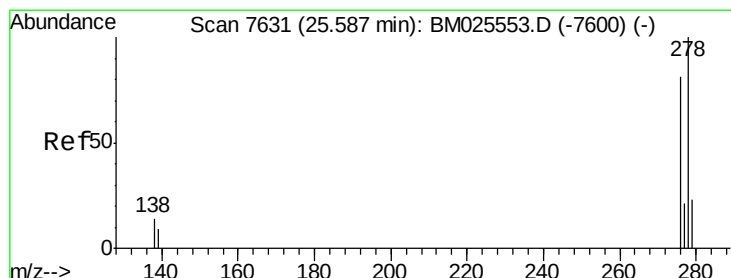
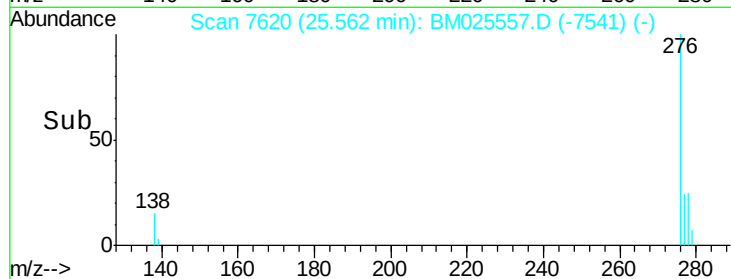
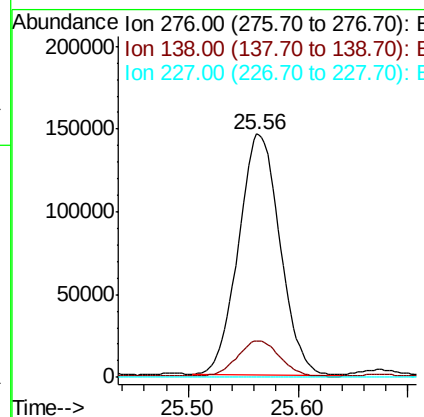
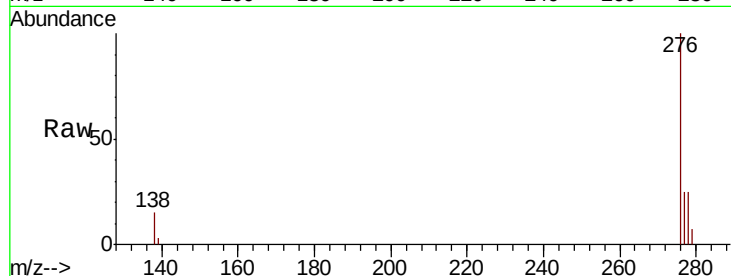
#24
Indeno(1,2,3-cd)pyrene
Concen: 4.268 ng/ul
RT: 25.56 min Scan# 7620
Delta R.T. -0.01 min
Lab File: BM025557.D
Acq: 14 Mar 2020 01:27

Instrument :
BNA_M
ClientSampleId :
C0AC3

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.3	12.3	18.5
227	0.0	0.0	0.0

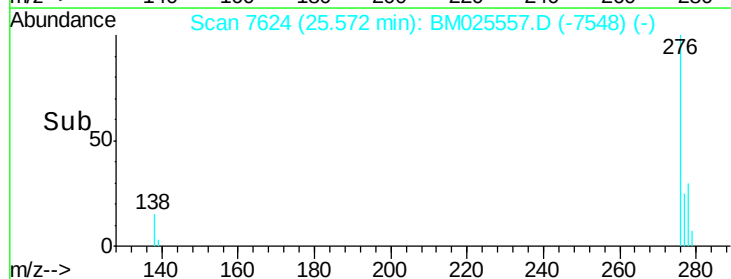
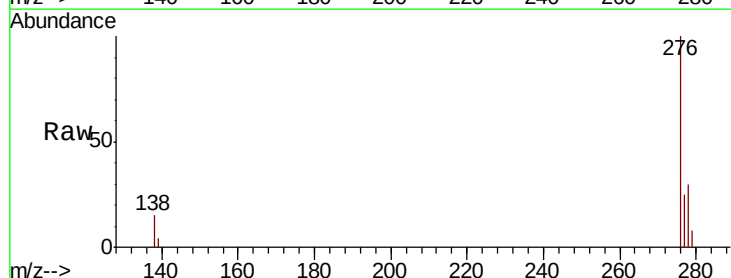
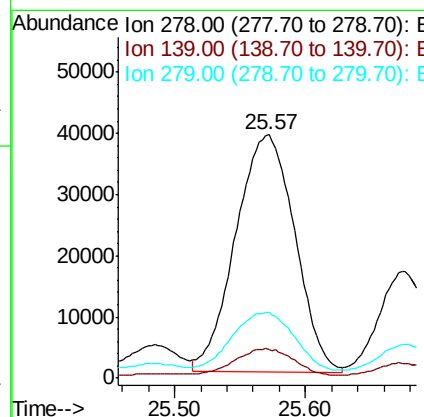
Manual Integrations
APPROVED

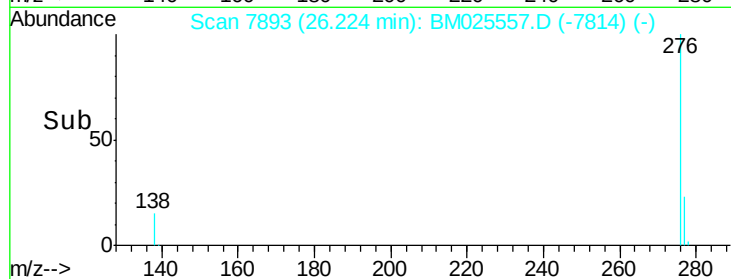
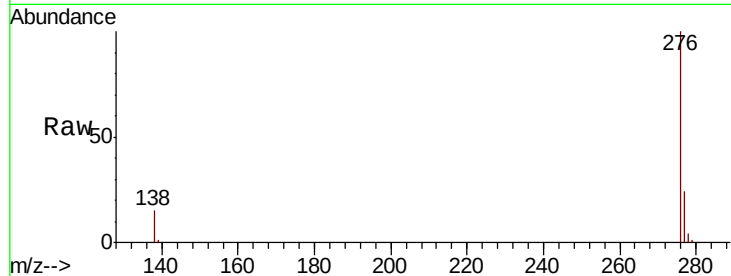
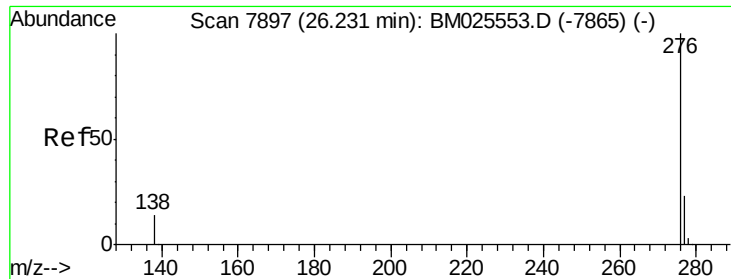
mohammad
3/16/2020 1:52:42 PM



#25
Dibenzo(a,h)anthracene
Concen: 1.624 ng/ul
RT: 25.57 min Scan# 7624
Delta R.T. -0.01 min
Lab File: BM025557.D
Acq: 14 Mar 2020 01:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.9	9.0	13.6
279	26.8	21.1	31.7





#26

Benzo(a,h,i)perylene

Concen: 3.160 ng/ul

RT: 26.22 min Scan# 7893

Delta R.T. -0.01 min

Lab File: BM025557.D

Acq: 14 Mar 2020 01:27

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	11.0	16.4
277	24.2	19.8	29.6

Instrument :

BNA_M

ClientSampleId :

C0AC3

Manual Integrations
APPROVED

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3/16/2020 1:52:42 PM

