

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
 Data File : BM025552.D
 Acq On : 13 Mar 2020 21:49
 Operator : CG/JU
 Sample : L1786-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB9

Manual Integrations
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Quant Time: Mar 16 06:42:28 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 05:37:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2926	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	12919	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9293	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	18995m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	15309	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	16352	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	8167	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	17629	0.34	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	10684	0.279	ng/ul	99
5) 2-Methylnaphthalene	12.09	142	1778	0.065	ng/ul	99
7) Acenaphthylene	14.00	152	4083	0.108	ng/ul#	84
8) Acenaphthene	14.34	153	5670	0.170	ng/ul	100
9) Fluorene	15.34	166	3503	0.086	ng/ul	99
12) Phenanthrene	17.07	178	15205	0.253	ng/ul	99
13) Anthracene	17.16	178	6539	0.125	ng/ul	95
15) Fluoranthene	19.09	202	45540	0.698	ng/ul	98
17) Pyrene	19.45	202	39891	0.581	ng/ul	98
18) Benzo(a)anthracene	21.20	228	25994	0.475	ng/ul	97
19) Chrysene	21.25	228	23721	0.386	ng/ul	99
21) Benzo(b)fluoranthene	22.75	252	36098m	0.557	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	14210m	0.209	ng/ul	
23) Benzo(a)pyrene	23.31	252	25113	0.467	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.57	276	15513	0.213	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.58	278	4723	0.077	ng/ul#	78
26) Benzo(a,h,i)perylene	26.23	276	13867	0.219	ng/ul#	97

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

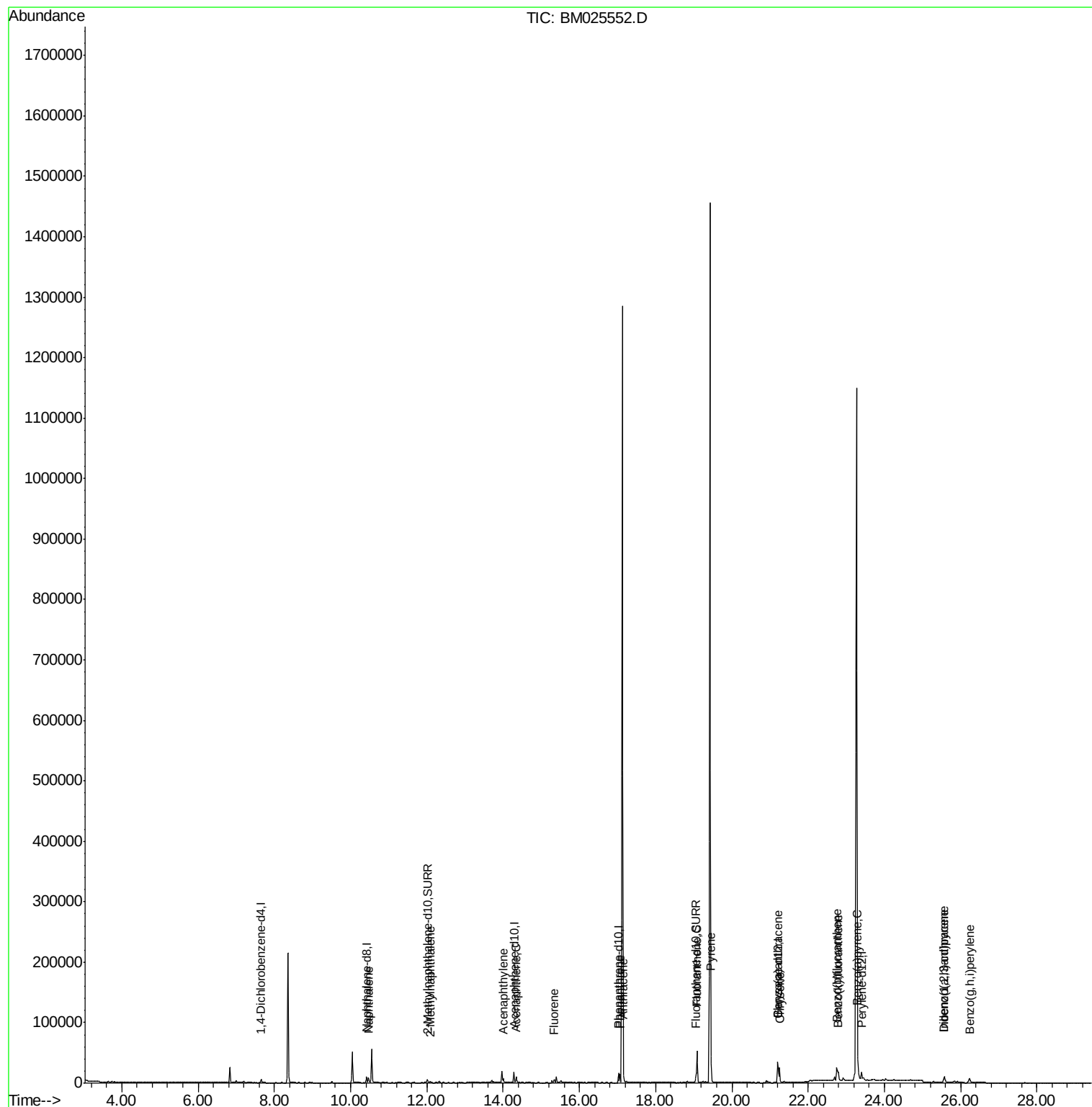
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
Data File : BM025552.D
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ALS Vial : 12 Sample Multiplier: 1

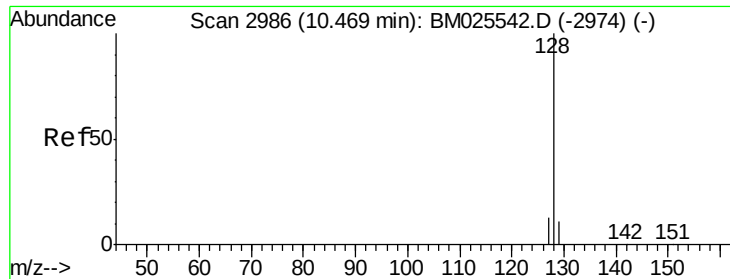
Instrument :
BNA_M
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Quant Time: Mar 16 06:42:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.279 ng/ul

RT: 10.47 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BM025552.D

Acq: 13 Mar 2020 21:49

Instrument :

BNA_M

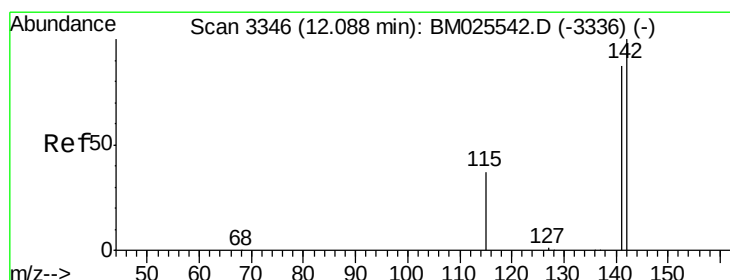
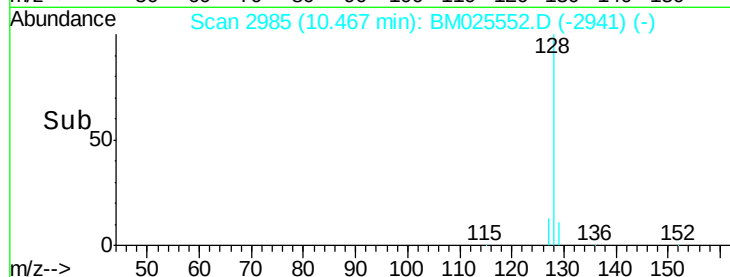
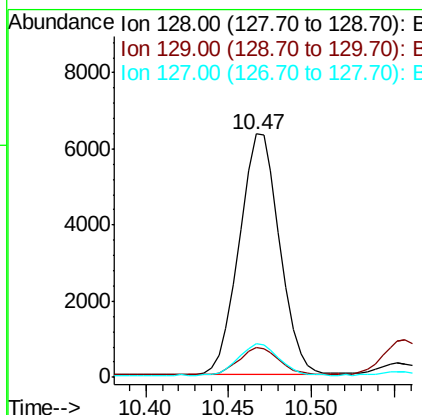
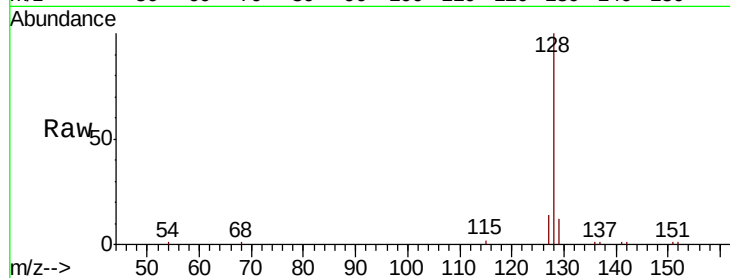
ClientSampleId :

C0AB9

Tot Ion:	128	Resp:	10684
Ion Ratio	Lower	Upper	
128	100		
129	12.4	9.4	14.0
127	13.9	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 0.065 ng/ul

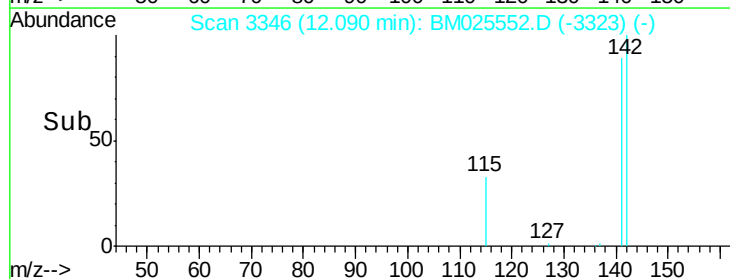
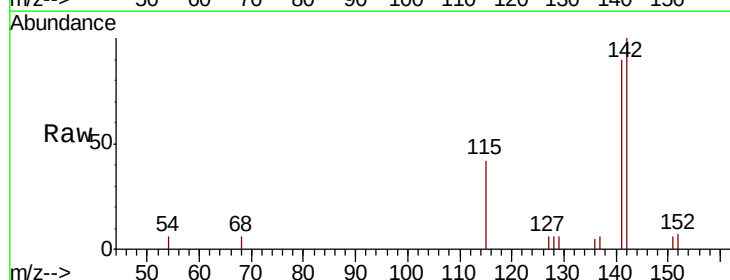
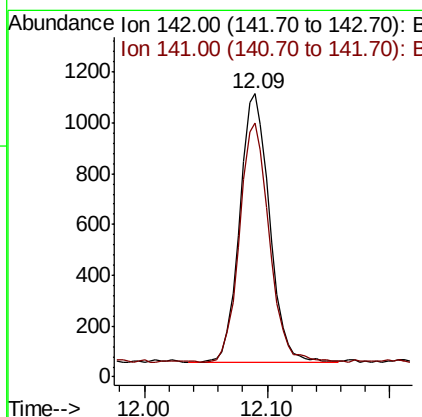
RT: 12.09 min Scan# 3346

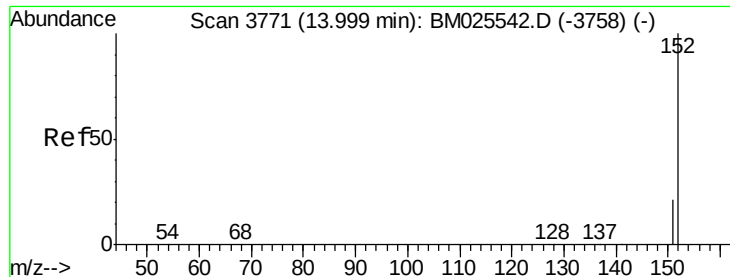
Delta R.T. 0.00 min

Lab File: BM025552.D

Acq: 13 Mar 2020 21:49

Tgt Ion:	142	Resp:	1778
Ion Ratio	Lower	Upper	
142	100		
141	88.4	69.8	104.6





#7

Acenaphthylene

Concen: 0.108 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. 0.00 min

Lab File: BM025552.D

Acq: 13 Mar 2020 21:49

Instrument :

BNA_M

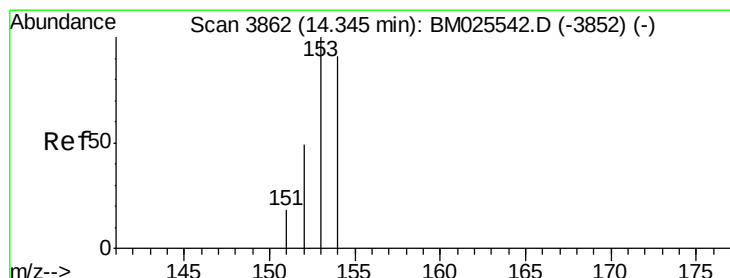
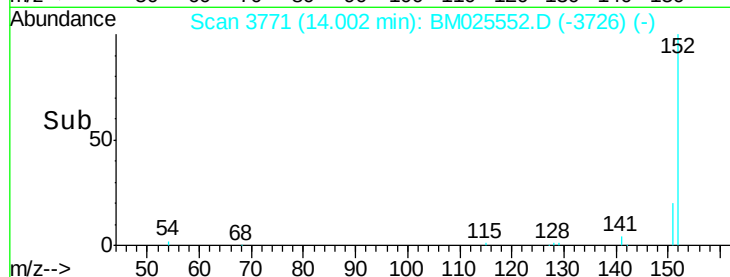
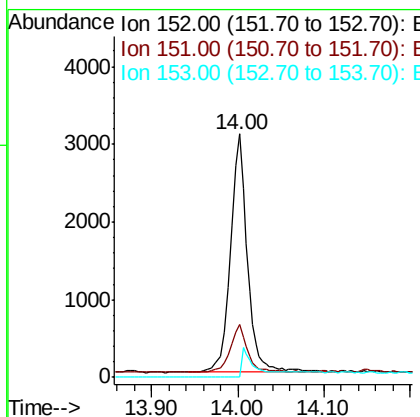
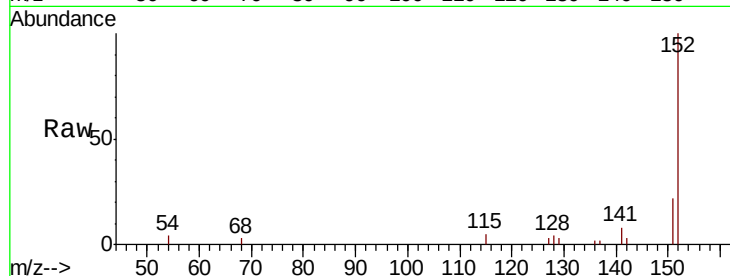
ClientSampleId :

C0AB9

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.2	24.2
153	0.0	10.6	16.0

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#8

Acenaphthene

Concen: 0.170 ng/ul

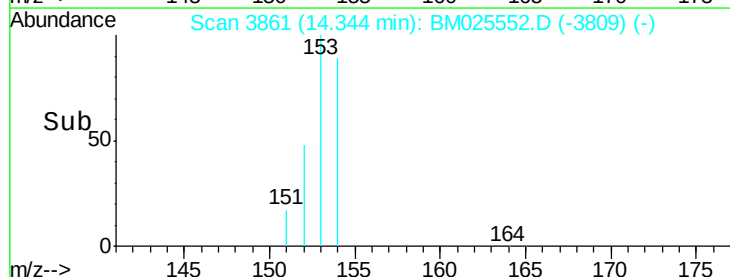
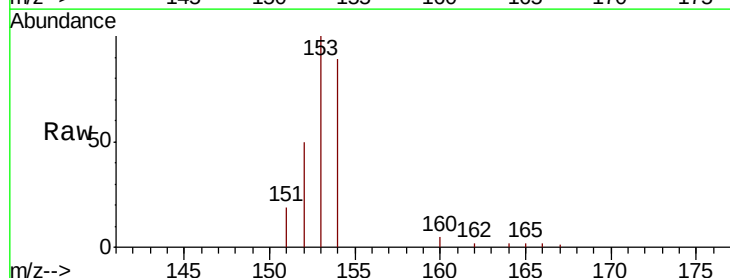
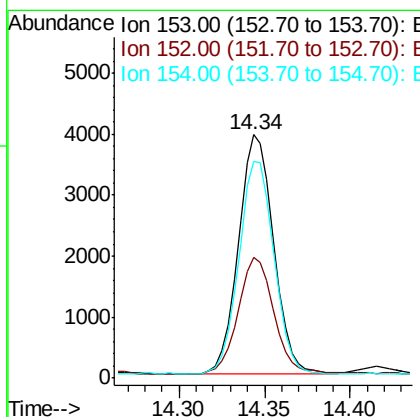
RT: 14.34 min Scan# 3861

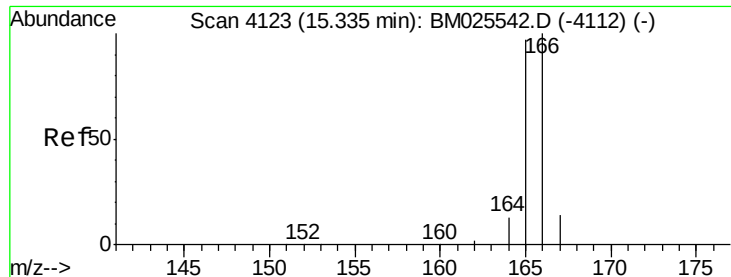
Delta R.T. -0.00 min

Lab File: BM025552.D

Acq: 13 Mar 2020 21:49

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.7	39.5	59.3
154	89.2	71.7	107.5





#9

Fluorene

Concen: 0.086 ng/ul

RT: 15.34 min Scan# 4123

Delta R.T. 0.00 min

Lab File: BM025552.D

Acq: 13 Mar 2020 21:49

Instrument :

BNA_M

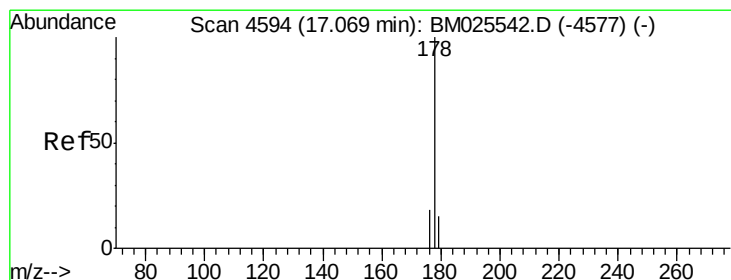
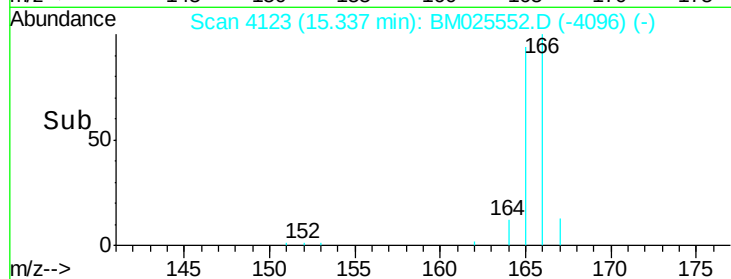
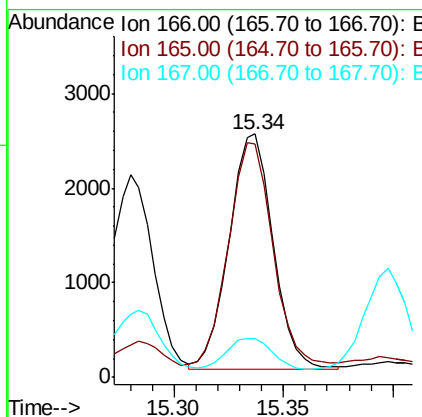
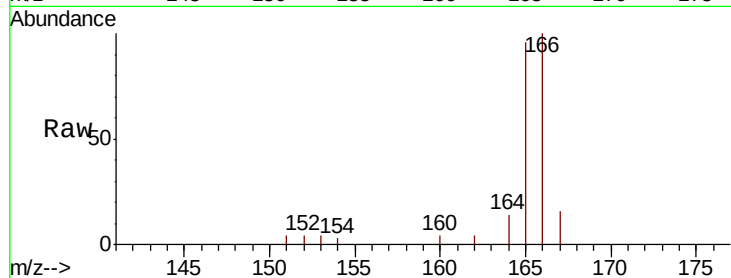
ClientSampleId :

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Tot Ion:	166	Resp:	3503
Ion Ratio	Lower	Upper	
166	100		
165	95.6	76.8	115.2
167	16.2	11.2	16.8

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#12

Phenanthrene

Concen: 0.253 ng/ul

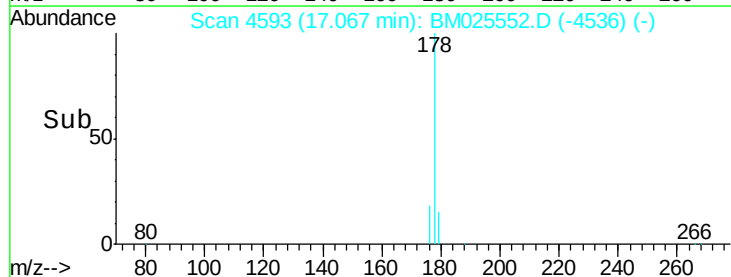
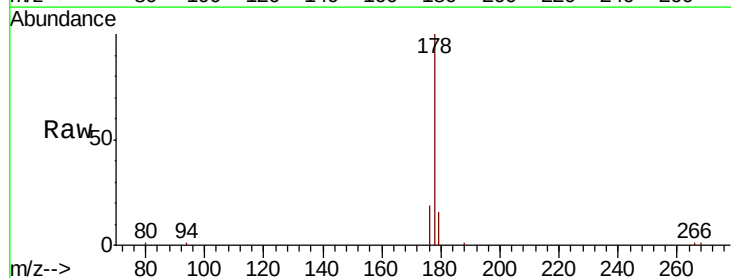
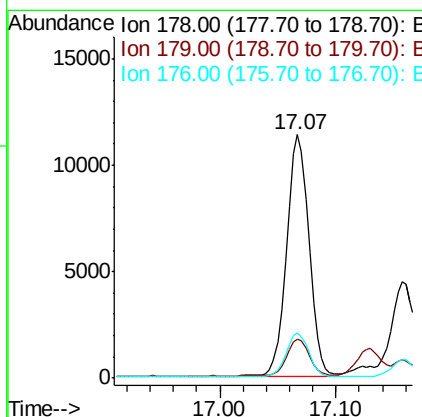
RT: 17.07 min Scan# 4593

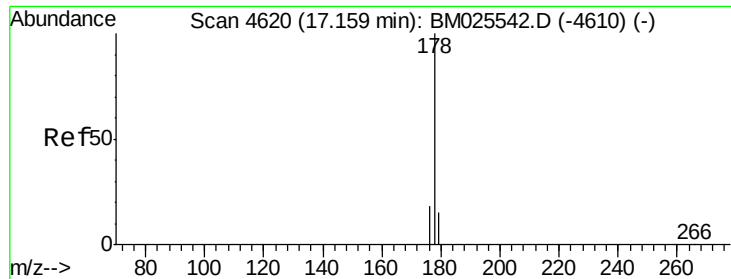
Delta R.T. -0.00 min

Lab File: BM025552.D

Acq: 13 Mar 2020 21:49

Tgt Ion:	178	Resp:	15205
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.4	18.6
176	18.6	14.8	22.2





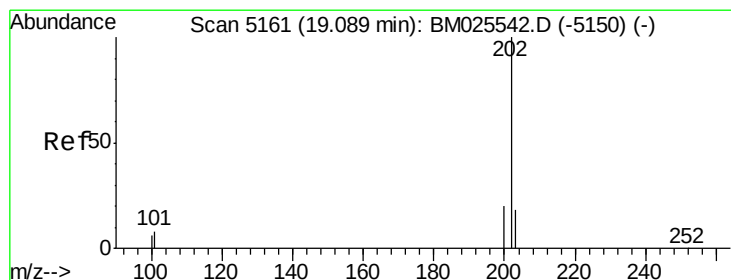
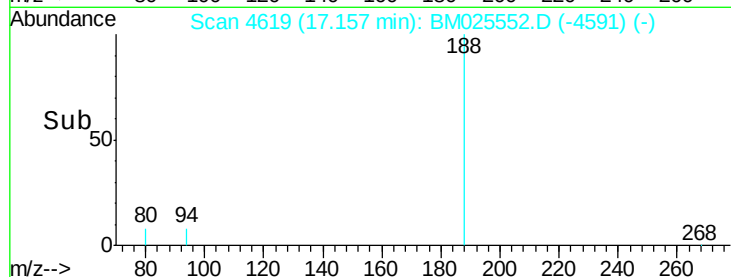
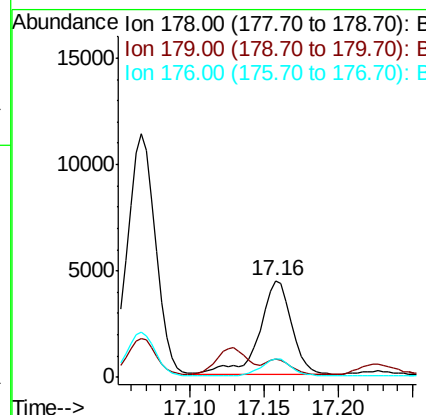
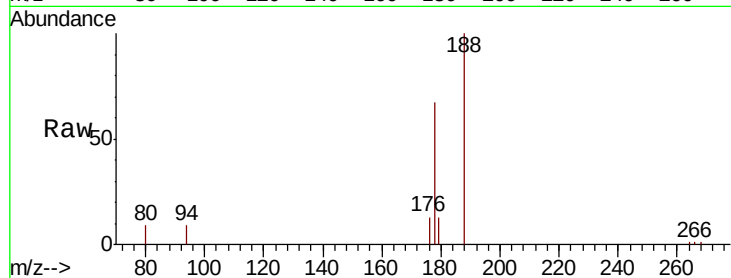
#13
 Anthracene
 Concen: 0.125 ng/ul
 RT: 17.16 min Scan# 4619
 Delta R.T. -0.00 min
 Lab File: BM025552.D
 Acq: 13 Mar 2020 21:49

Instrument :
 BNA_M
 ClientSampled :
 C0AB9

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.8	12.6	18.8
176	19.0	14.5	21.7

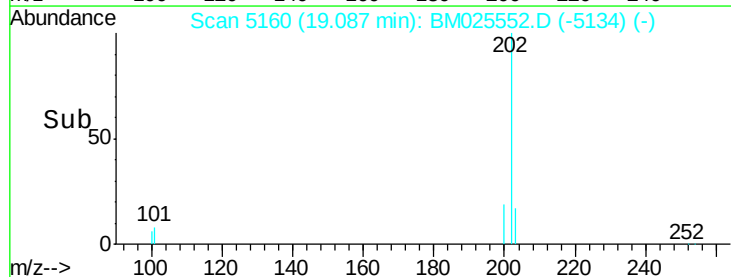
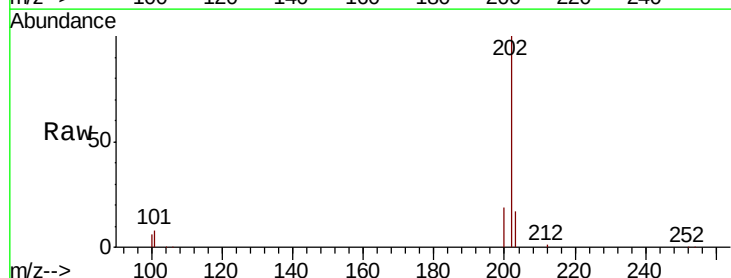
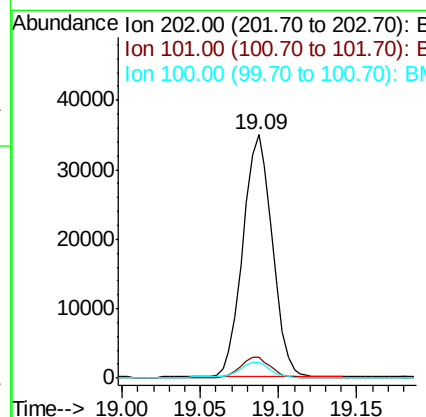
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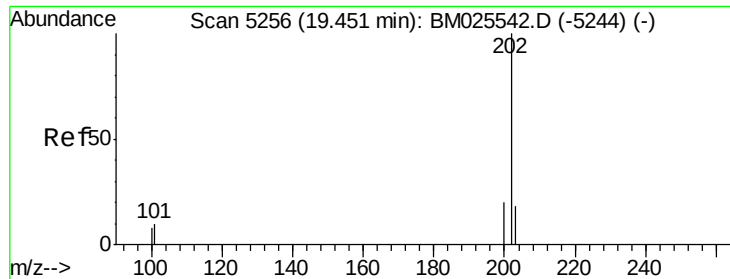
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#15
 Fluoranthene
 Concen: 0.698 ng/ul
 RT: 19.09 min Scan# 5160
 Delta R.T. -0.00 min
 Lab File: BM025552.D
 Acq: 13 Mar 2020 21:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	27.5
100	6.4	0.0	26.0





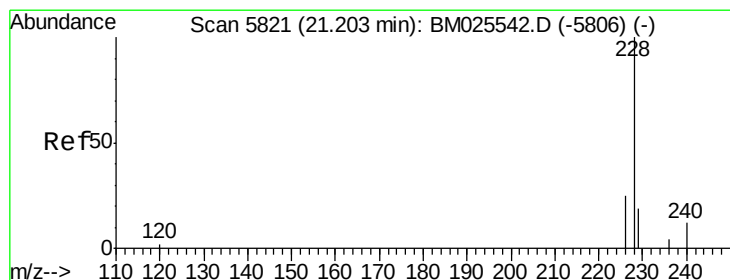
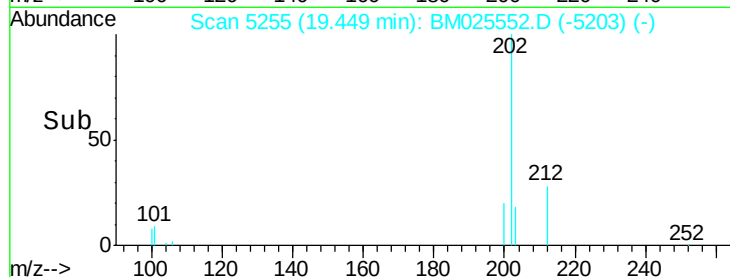
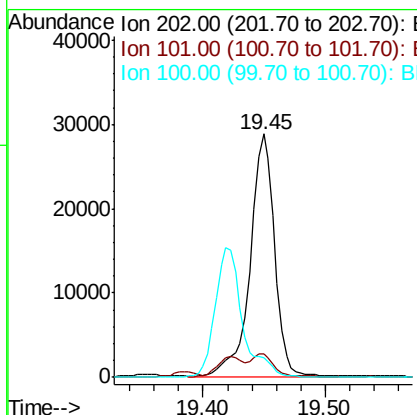
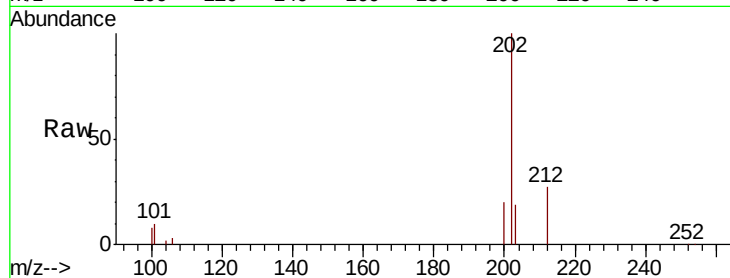
#17
 Pyrene
 Concen: 0.581 ng/ul
 RT: 19.45 min Scan# 5255
 Delta R.T. -0.00 min
 Lab File: BM025552.D
 Acq: 13 Mar 2020 21:49

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion:	202	Resp:	39891
Ion Ratio	Lower	Upper	
202	100		
101	9.7	7.1	10.7
100	8.2	6.0	9.0

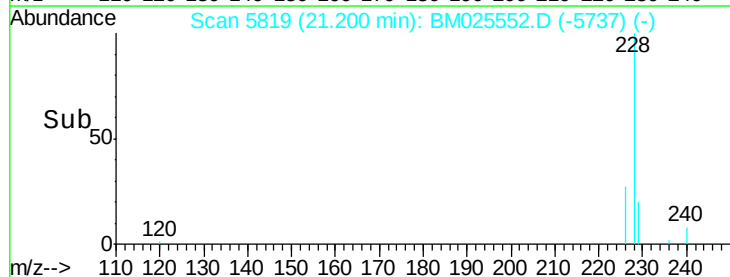
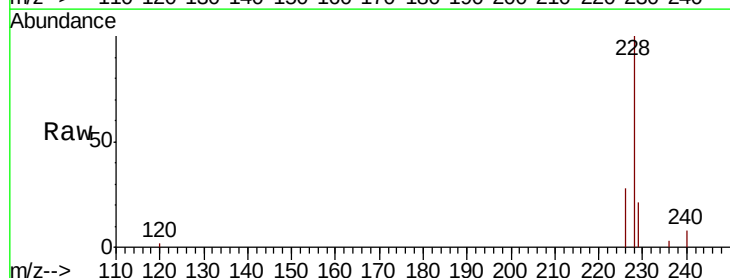
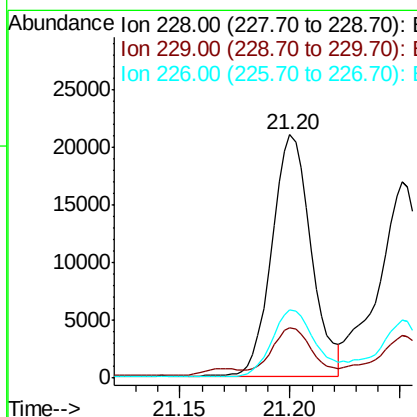
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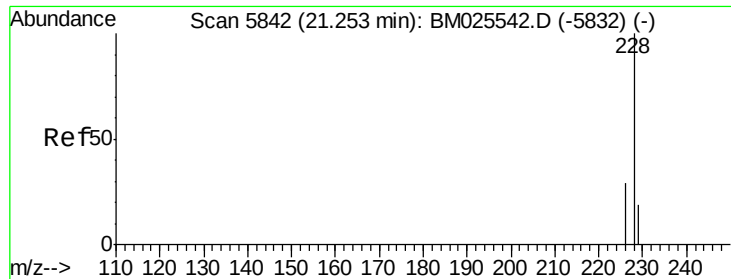
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#18
 Benzo(a)anthracene
 Concen: 0.475 ng/ul
 RT: 21.20 min Scan# 5819
 Delta R.T. -0.00 min
 Lab File: BM025552.D
 Acq: 13 Mar 2020 21:49

Tgt Ion:	228	Resp:	25994
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.6	23.4
226	27.9	21.1	31.7





#19

Chrysene

Concen: 0.386 ng/ul

RT: 21.25 min Scan# 5840

Delta R.T. -0.00 min

Lab File: BM025552.D

Acq: 13 Mar 2020 21:49

Instrument :

BNA_M

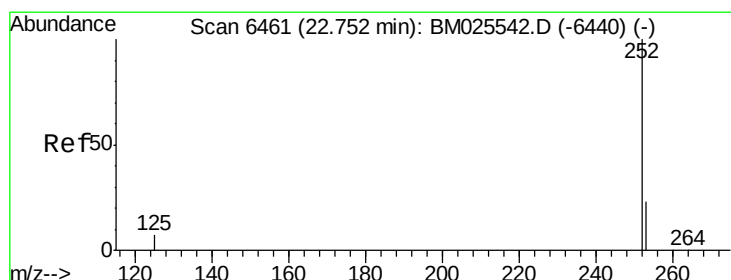
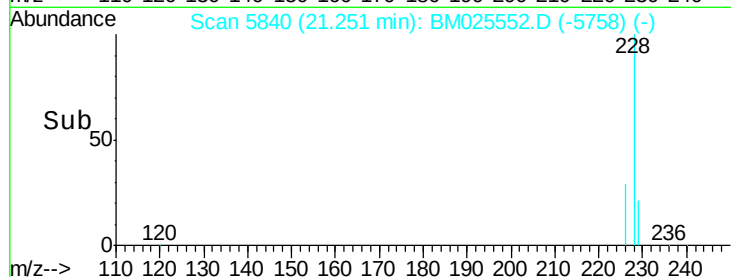
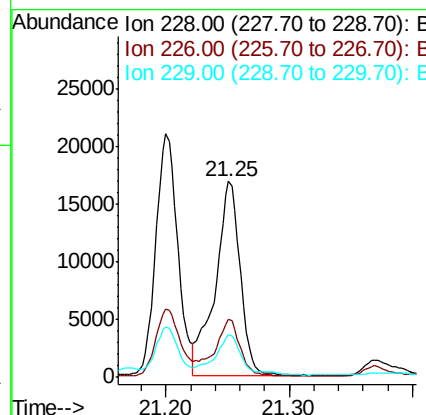
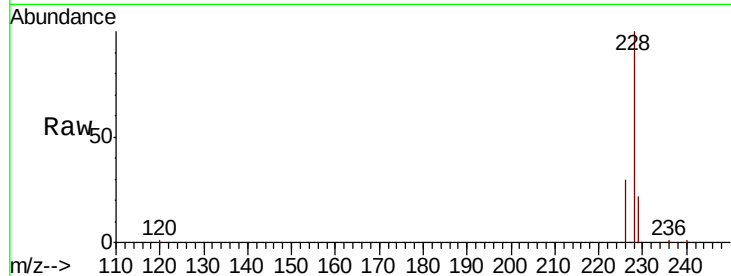
ClientSampled :

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Tot Ion:228	Resp:	23721
Ion Ratio	Lower	Upper
228 100		
226 29.5	23.6	35.4
229 21.8	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.557 ng/ul m

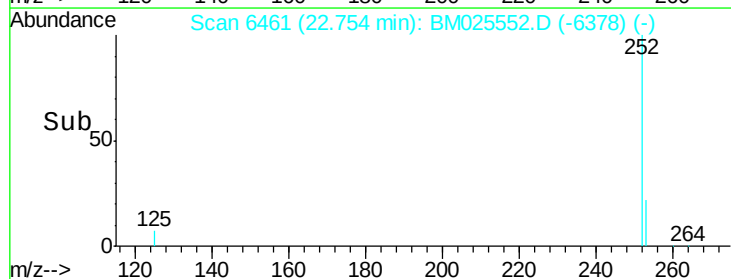
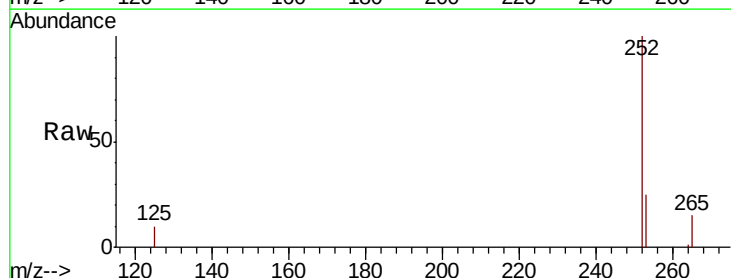
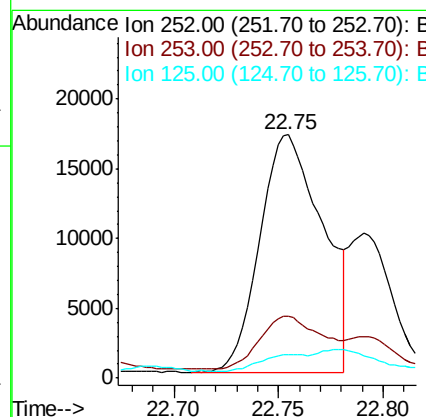
RT: 22.75 min Scan# 6461

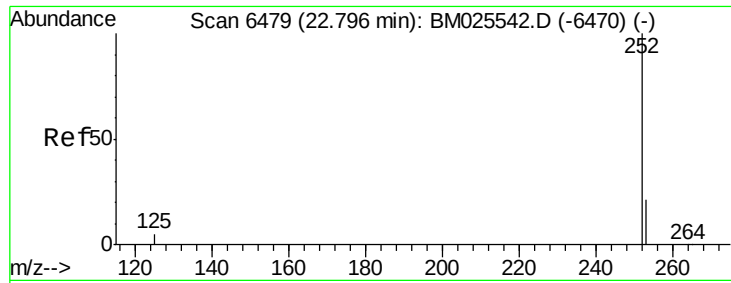
Delta R.T. 0.00 min

Lab File: BM025552.D

Acq: 13 Mar 2020 21:49

Tgt Ion:252	Resp:	36098
Ion Ratio	Lower	Upper
252 100		
253 25.5	0.0	50.2
125 9.6	0.0	17.6





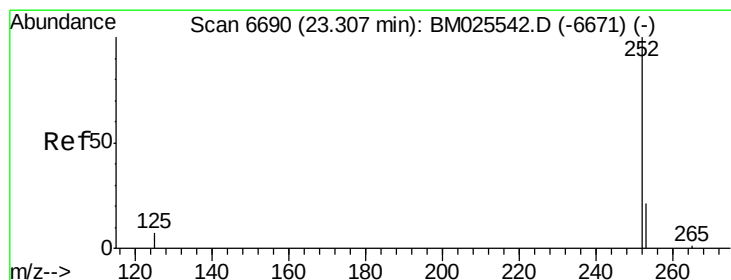
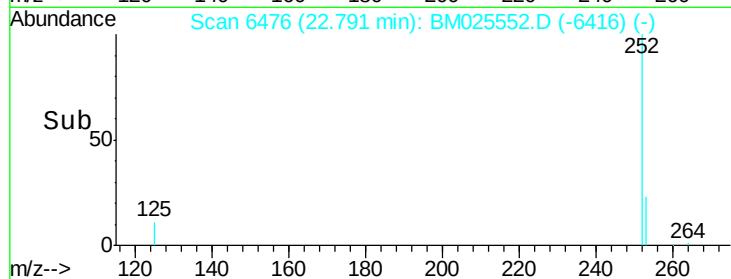
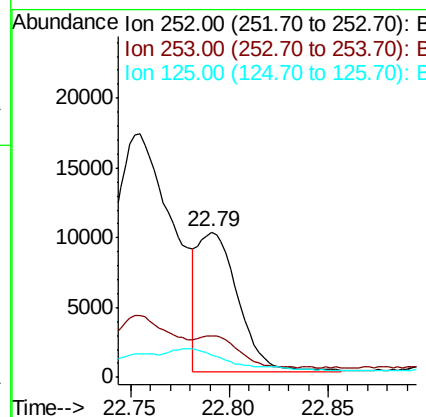
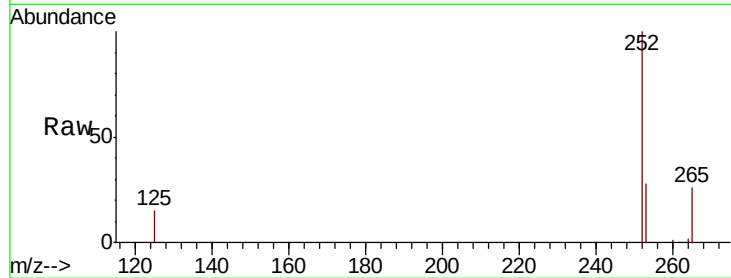
#22
Benzo(k)fluoranthene
Concen: 0.209 ng/ul m
RT: 22.79 min Scan# 6476
Delta R.T. -0.01 min
Lab File: BM025552.D
Acq: 13 Mar 2020 21:49

Instrument :
BNA_M
ClientSampled :
C0AB9

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.5	19.8	29.8
125	15.4	7.1	10.7

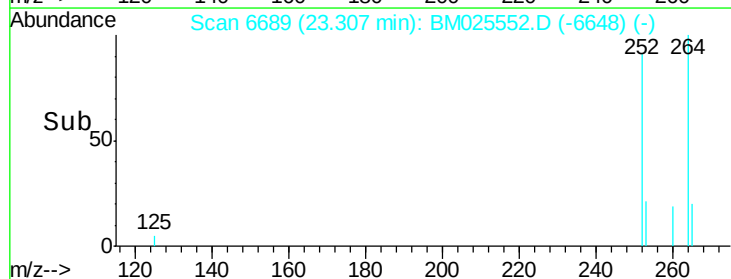
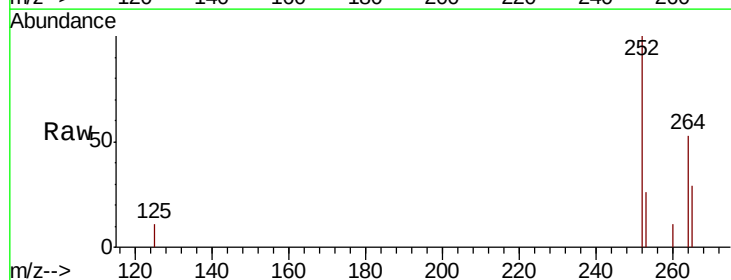
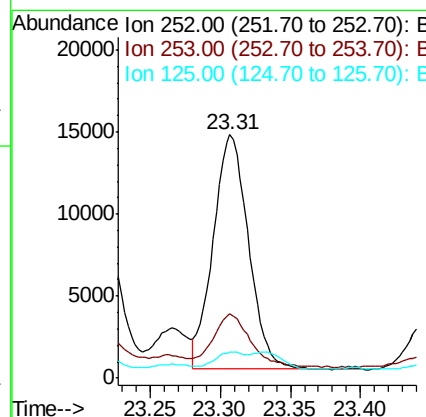
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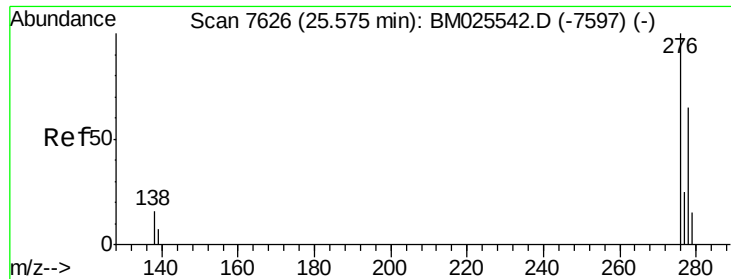
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#23
Benzo(a)pyrene
Concen: 0.467 ng/ul
RT: 23.31 min Scan# 6689
Delta R.T. -0.00 min
Lab File: BM025552.D
Acq: 13 Mar 2020 21:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.3	31.9
125	10.8	8.5	12.7





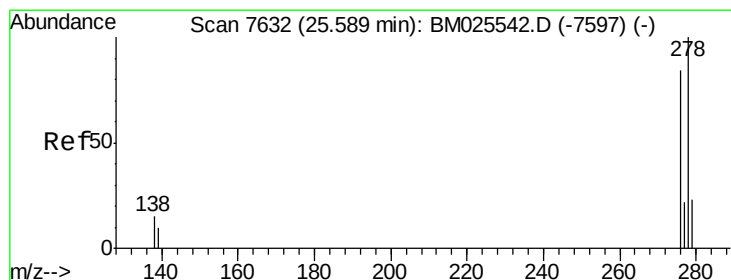
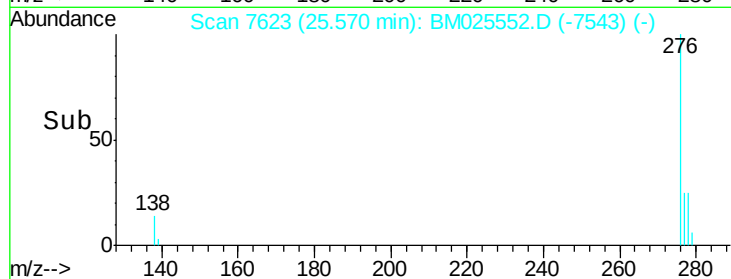
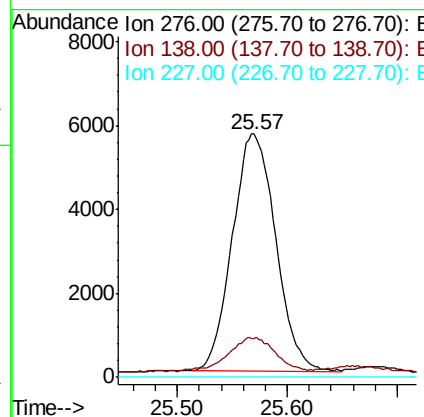
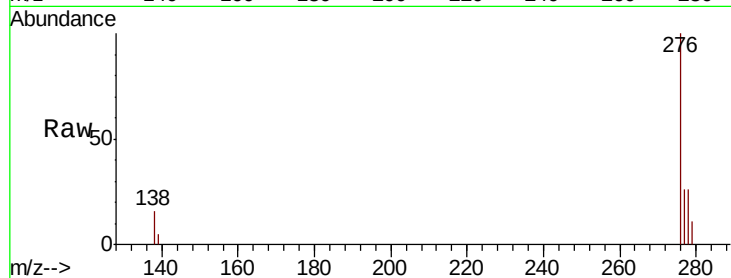
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.213 ng/ul
 RT: 25.57 min Scan# 7623
 Delta R.T. -0.01 min
 Lab File: BM025552.D
 Acq: 13 Mar 2020 21:49

Instrument :
 BNA_M
 ClientSampleId :
 C0AB9

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.0	12.3	18.5
227	0.0	0.0	0.0

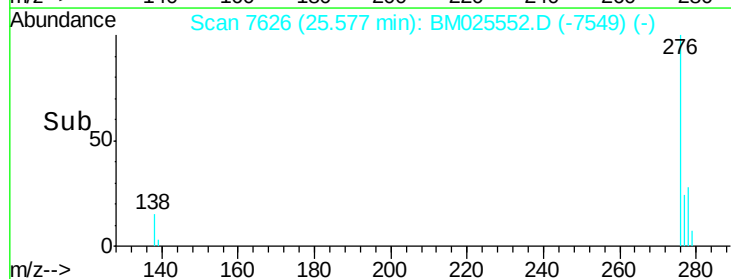
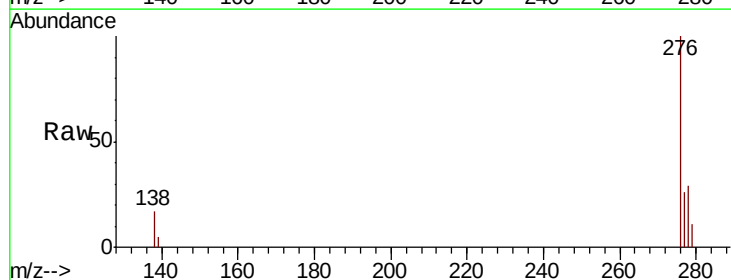
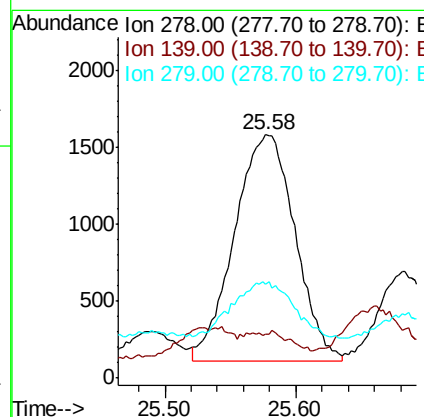
Manual Integrations
 APPROVED

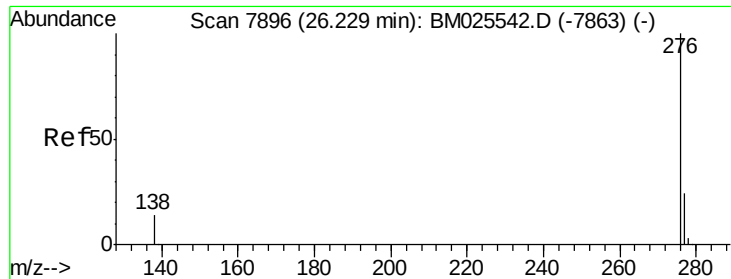
mohammad
 3/16/2020 1:52:29 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.077 ng/ul
 RT: 25.58 min Scan# 7626
 Delta R.T. -0.01 min
 Lab File: BM025552.D
 Acq: 13 Mar 2020 21:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	9.0	13.6#
279	38.5	21.1	31.7#





#26

Benzo(a,h,i)perylene

Concen: 0.219 ng/ul

RT: 26.23 min Scan# 7895

Delta R.T. -0.00 min

Lab File: BM025552.D

Acq: 13 Mar 2020 21:49

Instrument :

BNA_M

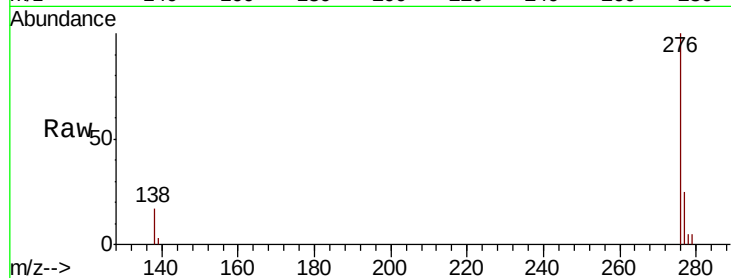
ClientSampleId :

C0AB9

Tot Ion:	276	Resp:	13867
Ion Ratio	Lower	Upper	
276	100		
138	16.9	11.0	16.4#
277	25.0	19.8	29.6

Manual Integrations
APPROVED

mohammad
3/16/2020 1:52:29 PM



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

