

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
 Data File : BM025645.D
 Acq On : 19 Mar 2020 01:22
 Operator : CG/JU
 Sample : L1786-11DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7DL

Manual Integrations
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mohammad
 3/19/2020 12:43:57 PM

Quant Time: Mar 19 02:45:38 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 : Thu Mar 19 00:21:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2695	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	10812	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	6799	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	15773	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	16700	0.40	ng/ul	0.00
20) Perylene-d12	23.30	264	17403	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	587	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1481	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	5721	0.179	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	1425	0.062	ng/ul	99
7) Acenaphthylene	13.94	152	2399	0.086	ng/ul#	84
8) Acenaphthene	14.28	153	5286	0.217	ng/ul	100
9) Fluorene	15.27	166	7989	0.269	ng/ul	100
12) Phenanthrene	17.00	178	91449	1.830	ng/ul	99
13) Anthracene	17.09	178	23505	0.540	ng/ul	100
15) Fluoranthene	19.02	202	138896	2.563	ng/ul	97
17) Pyrene	19.39	202	108637	1.449	ng/ul	99
18) Benzo(a)anthracene	21.14	228	70553	1.182	ng/ul	99
19) Chrysene	21.19	228	66242	0.988	ng/ul	97
21) Benzo(b)fluoranthene	22.67	252	79454m	1.153	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	34577m	0.479	ng/ul	
23) Benzo(a)pyrene	23.21	252	52015	0.909	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.42	276	34617	0.446	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.43	278	11248	0.172	ng/ul	93
26) Benzo(a,h,i)perylene	26.07	276	22503	0.334	ng/ul	97

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

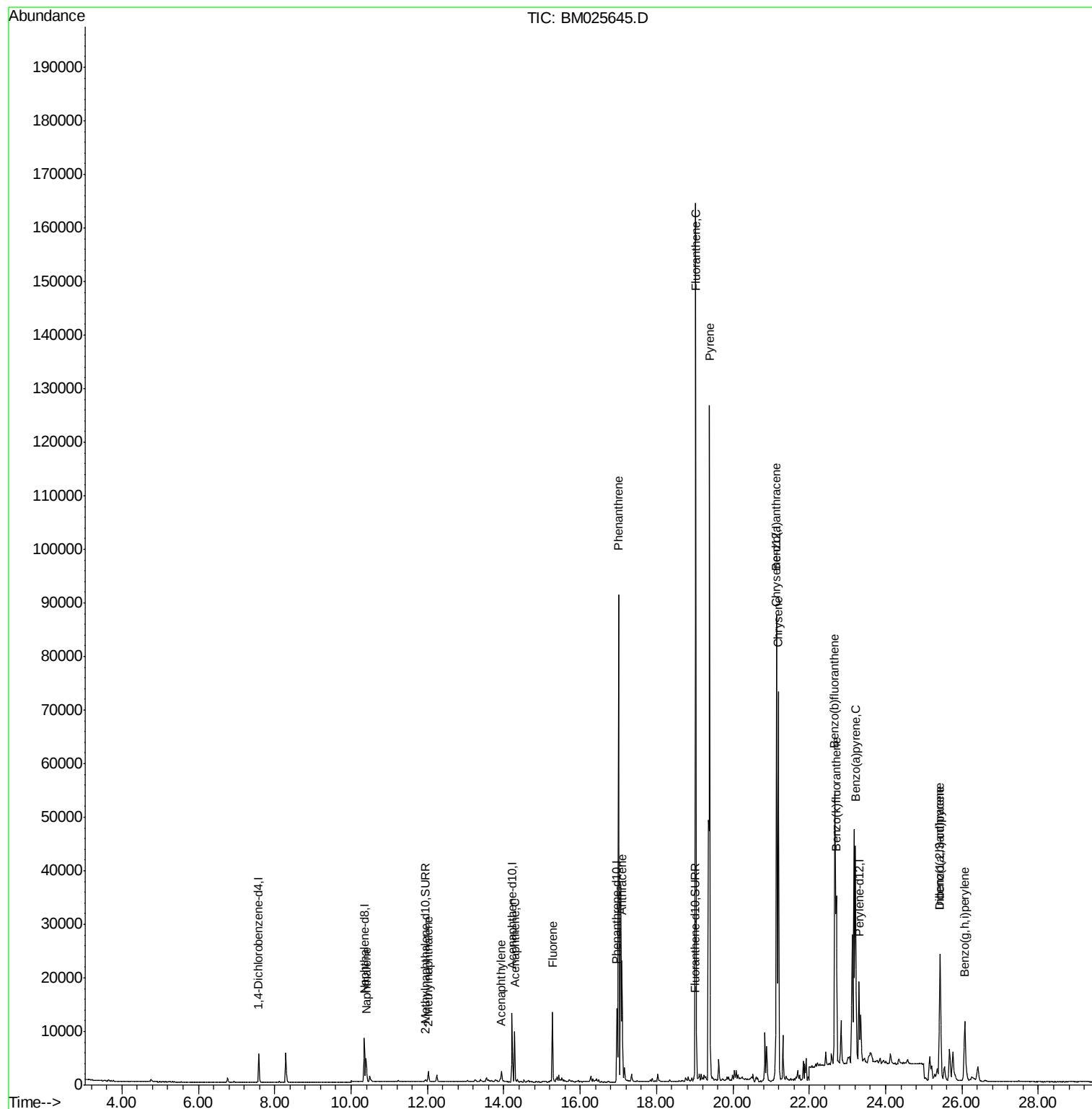
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
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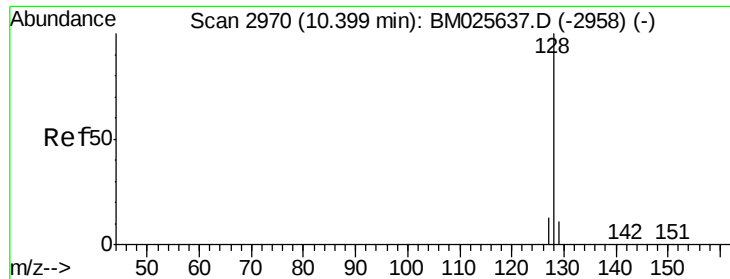
Instrument :
BNA_M
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Quant Time: Mar 19 02:45:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 00:21:10 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.179 ng/ul

RT: 10.40 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BM025645.D

Acq: 19 Mar 2020 01:22

Instrument :

BNA_M

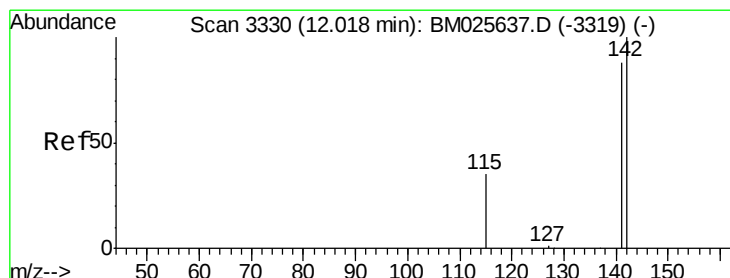
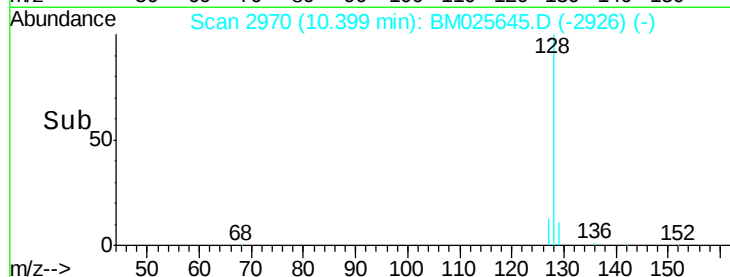
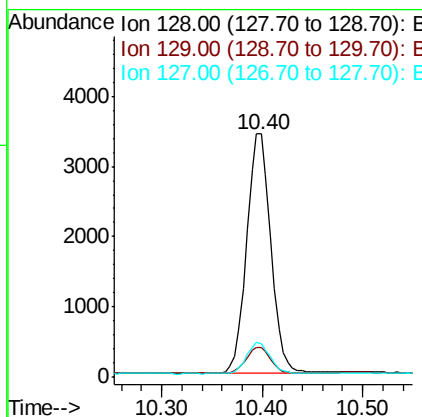
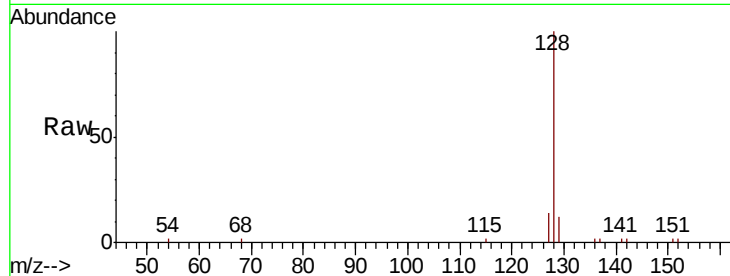
ClientSampleId :

C0AC7DL

Tot Ion:	128	Resp:	5721
Ion Ratio	Lower	Upper	
128	100		
129	12.3	9.4	14.0
127	13.9	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 0.062 ng/ul

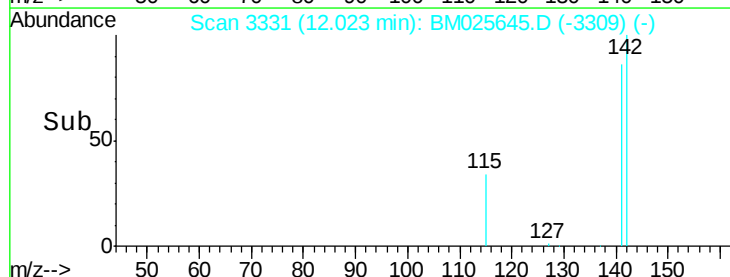
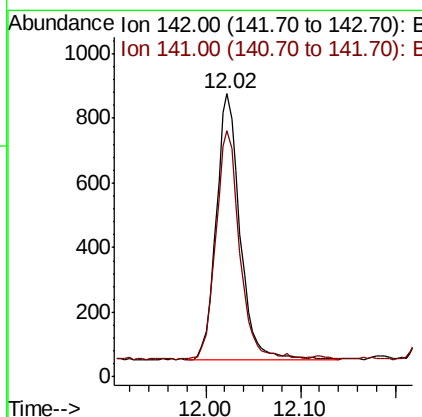
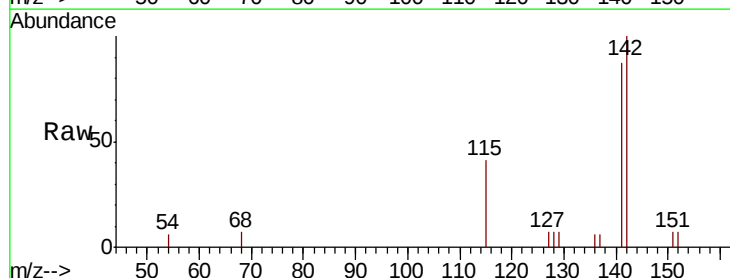
RT: 12.02 min Scan# 3331

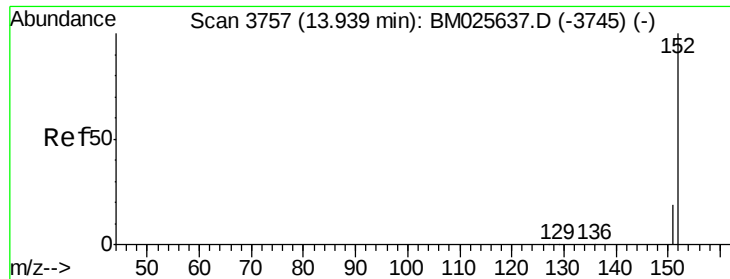
Delta R.T. -0.00 min

Lab File: BM025645.D

Acq: 19 Mar 2020 01:22

Tgt Ion:	142	Resp:	1425
Ion Ratio	Lower	Upper	
142	100		
141	86.2	69.8	104.6





#7

Acenaphthylene

Concen: 0.086 ng/ul

RT: 13.94 min Scan# 3757

Delta R.T. -0.00 min

Lab File: BM025645.D

Acq: 19 Mar 2020 01:22

Instrument :

BNA_M

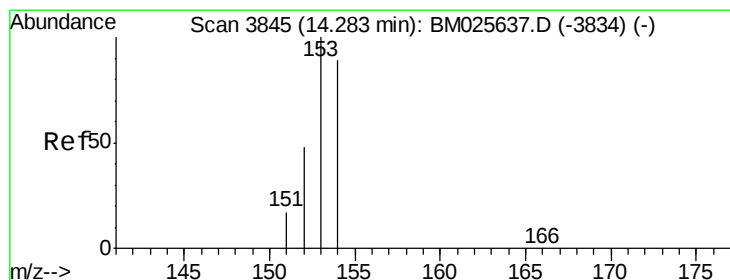
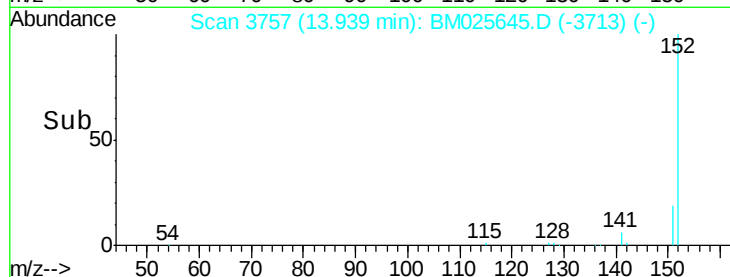
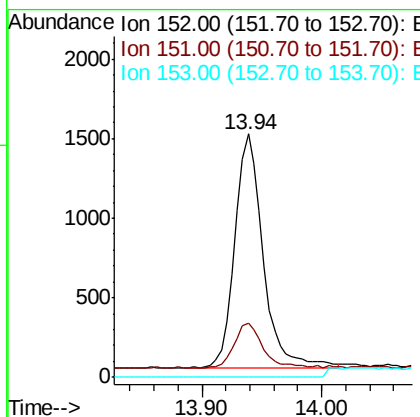
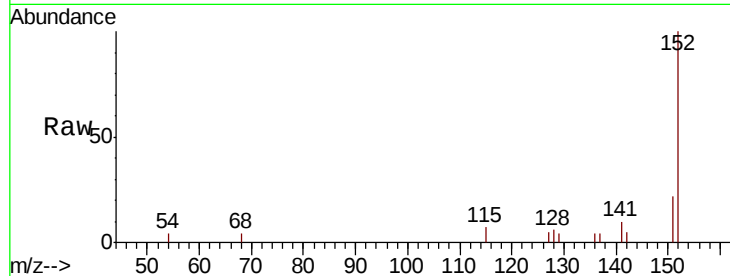
ClientSampleId :

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Tot Ion:	152	Resp:	2399
Ion Ratio	Lower	Upper	
152	100		
151	22.1	16.2	24.2
153	0.0	10.6	16.0

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#8

Acenaphthene

Concen: 0.217 ng/ul

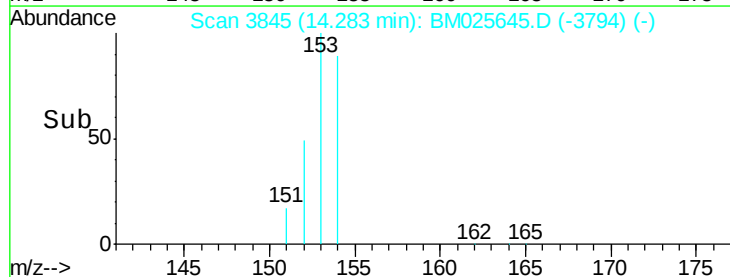
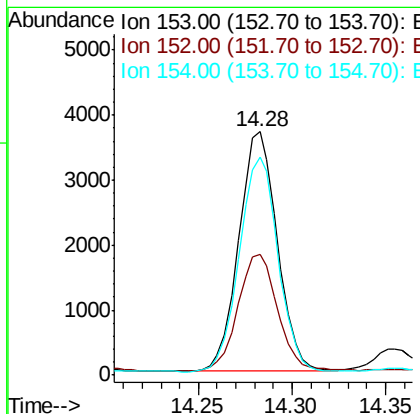
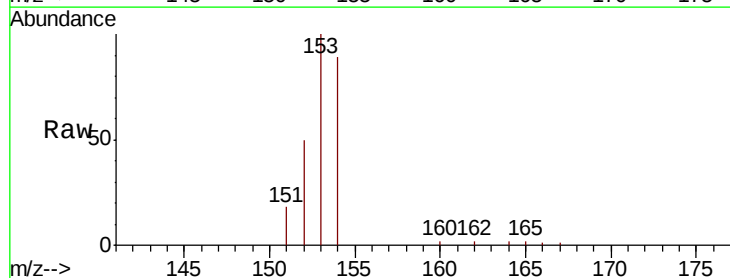
RT: 14.28 min Scan# 3845

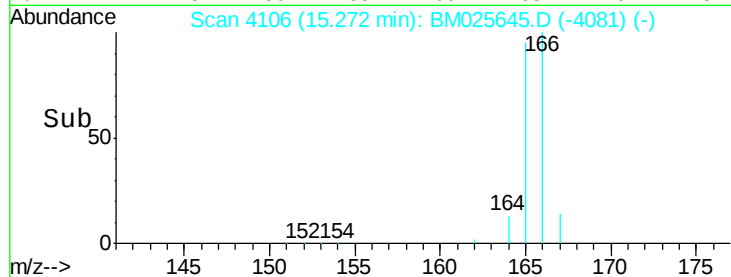
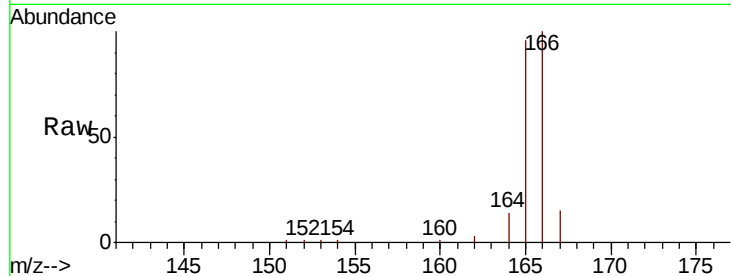
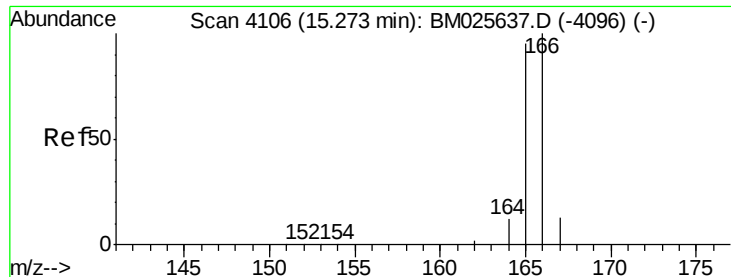
Delta R.T. -0.01 min

Lab File: BM025645.D

Acq: 19 Mar 2020 01:22

Tgt Ion:	153	Resp:	5286
Ion Ratio	Lower	Upper	
153	100		
152	49.8	39.5	59.3
154	89.3	71.7	107.5





#9

Fluorene

Concen: 0.269 ng/ul

RT: 15.27 min Scan# 4106

Delta R.T. -0.01 min

Lab File: BM025645.D

Acq: 19 Mar 2020 01:22

Tot Ion:	166	Resp:	7989
Ion	Ratio	Lower	Upper
166	100		
165	95.8	76.8	115.2
167	14.9	11.2	16.8

Instrument :

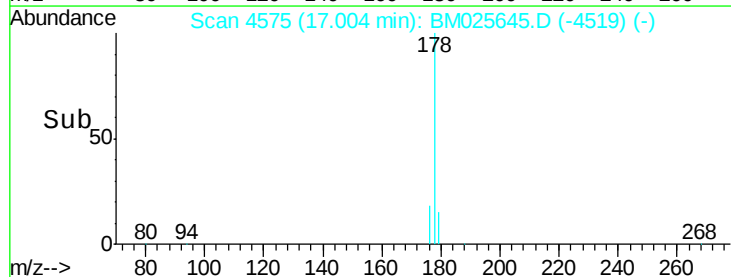
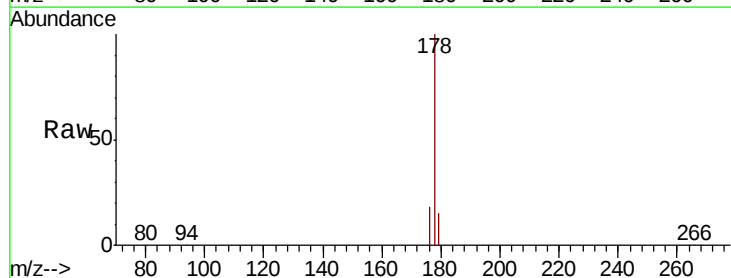
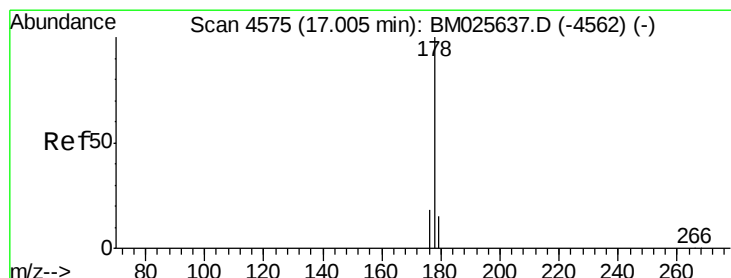
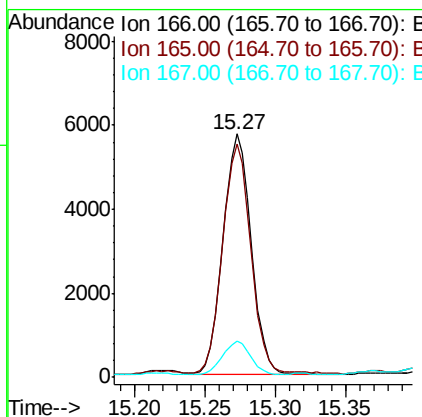
BNA_M

ClientSampleId :

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#12

Phenanthrene

Concen: 1.830 ng/ul

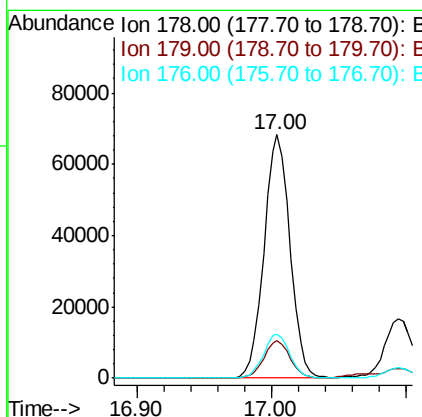
RT: 17.00 min Scan# 4575

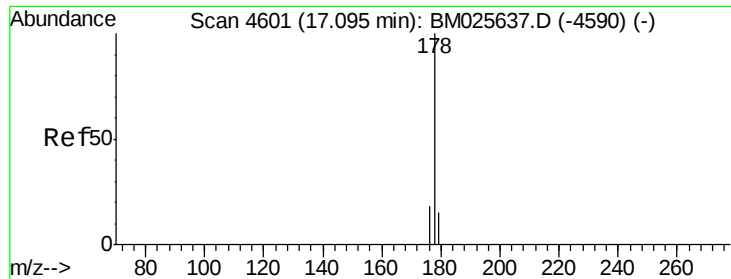
Delta R.T. -0.01 min

Lab File: BM025645.D

Acq: 19 Mar 2020 01:22

Tgt Ion:	178	Resp:	91449
Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	18.2	14.8	22.2





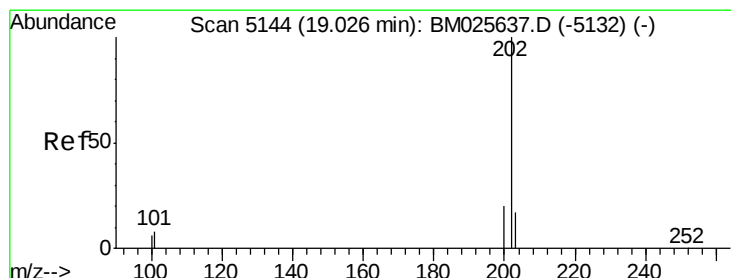
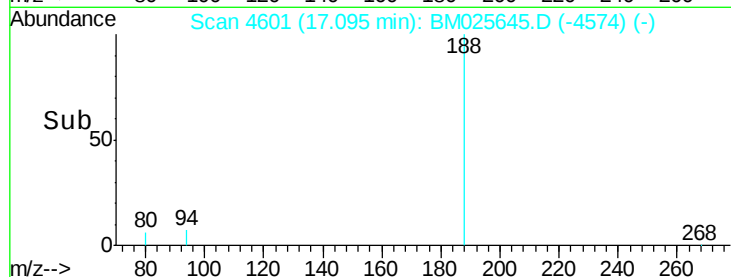
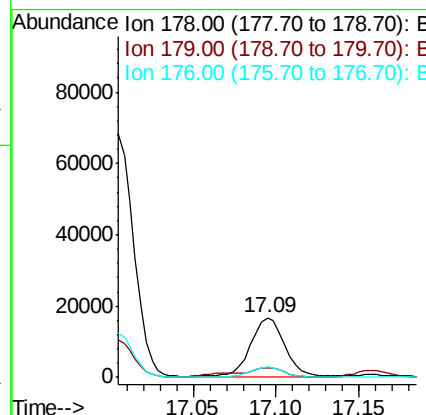
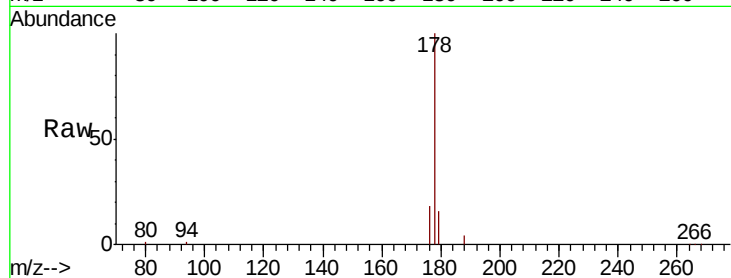
#13
 Anthracene
 Concen: 0.540 ng/ul
 RT: 17.09 min Scan# 4601
 Delta R.T. -0.01 min
 Lab File: BM025645.D
 Acq: 19 Mar 2020 01:22

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	18.0	14.5	21.7

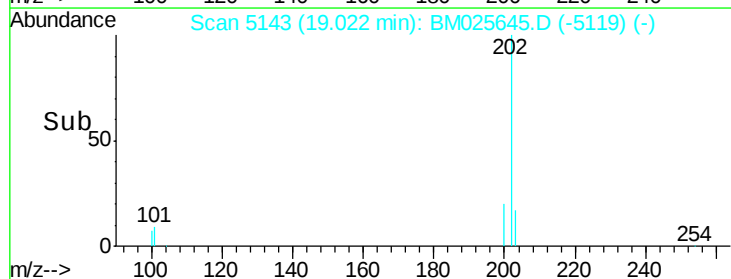
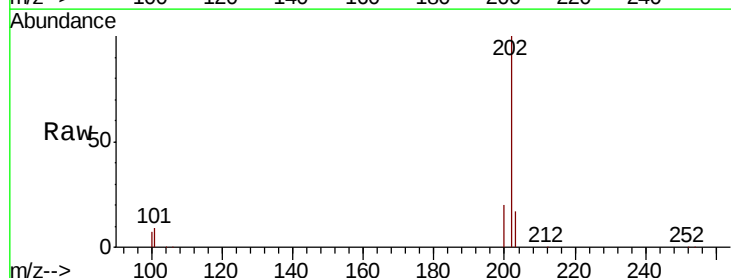
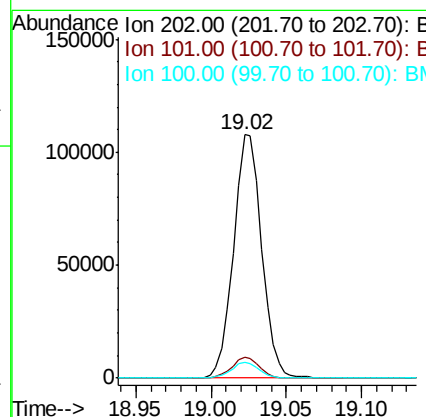
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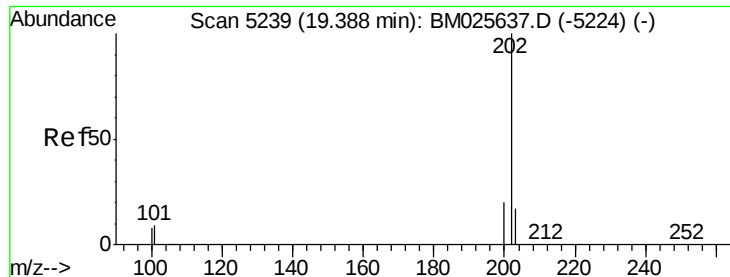
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#15
 Fluoranthene
 Concen: 2.563 ng/ul
 RT: 19.02 min Scan# 5143
 Delta R.T. -0.01 min
 Lab File: BM025645.D
 Acq: 19 Mar 2020 01:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	27.5
100	6.7	0.0	26.0





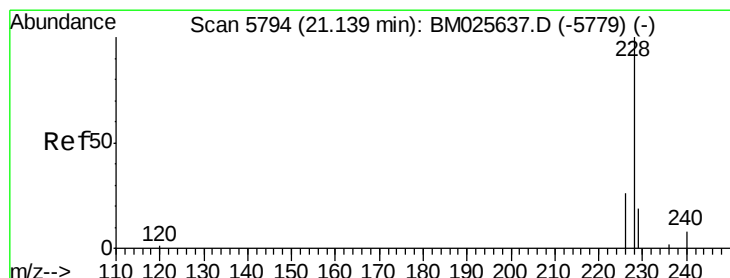
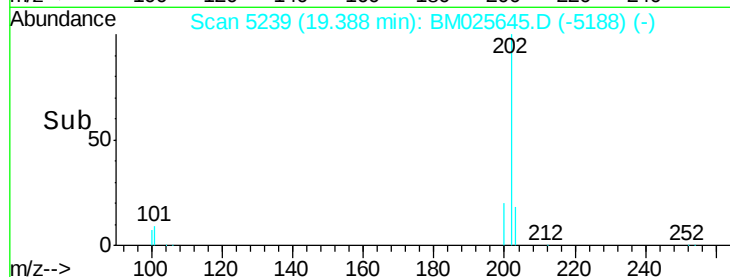
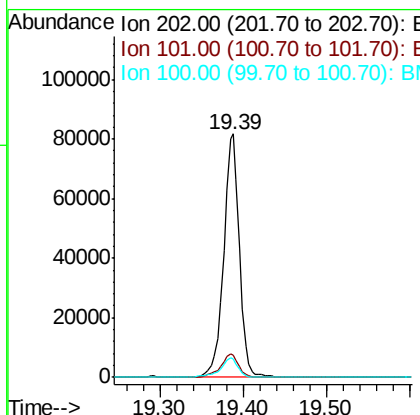
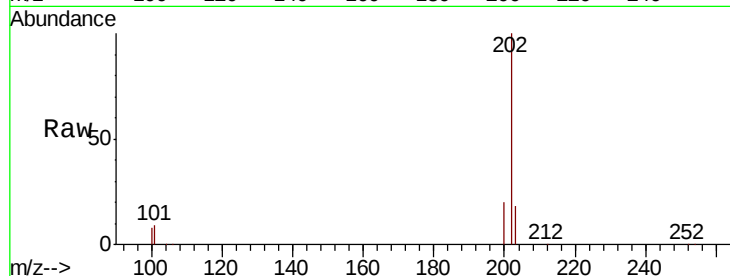
#17
Pvrene
Concen: 1.449 ng/ul
RT: 19.39 min Scan# 5239
Delta R.T. -0.01 min
Lab File: BM025645.D
Acq: 19 Mar 2020 01:22

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.3	7.1	10.7
100	7.5	6.0	9.0

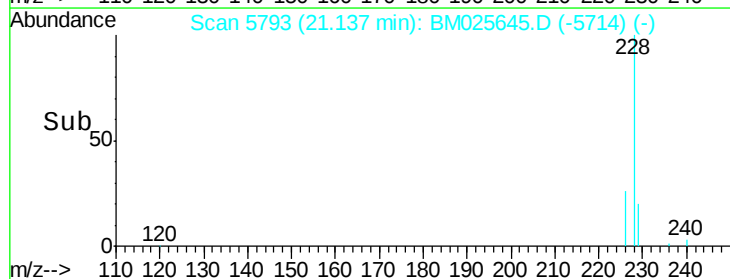
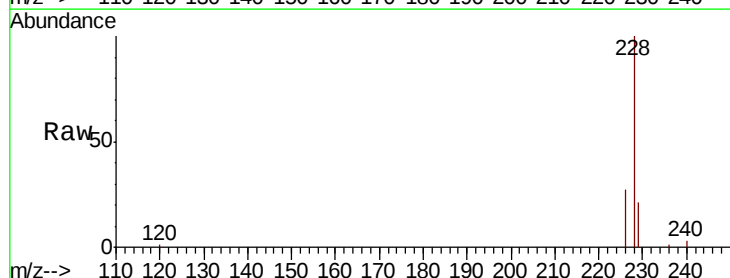
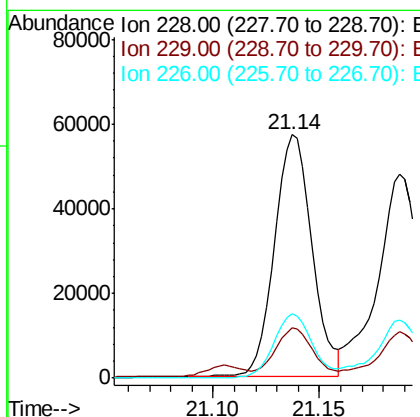
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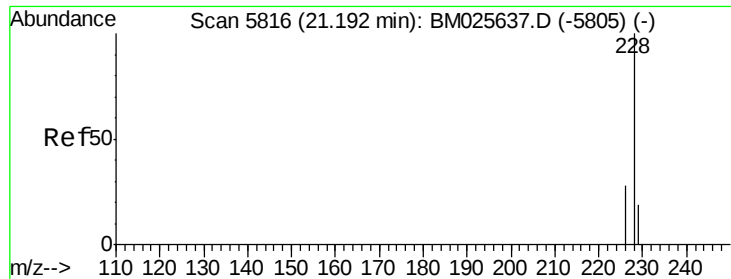
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#18
Benzo(a)anthracene
Concen: 1.182 ng/ul
RT: 21.14 min Scan# 5793
Delta R.T. -0.01 min
Lab File: BM025645.D
Acq: 19 Mar 2020 01:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.6	15.6	23.4
226	26.6	21.1	31.7





#19

Chrysene

Concen: 0.988 ng/ul

RT: 21.19 min Scan# 5814

Delta R.T. -0.01 min

Lab File: BM025645.D

Acq: 19 Mar 2020 01:22

Instrument :

BNA_M

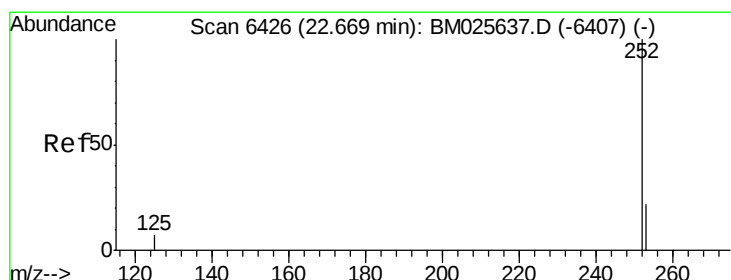
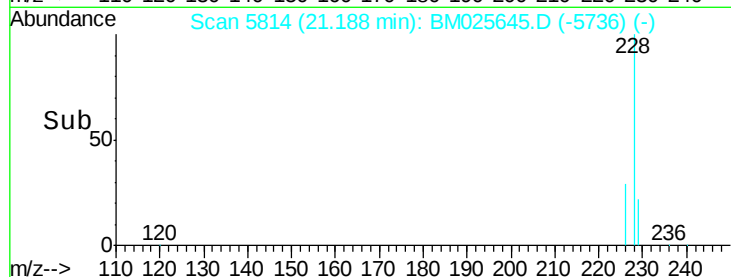
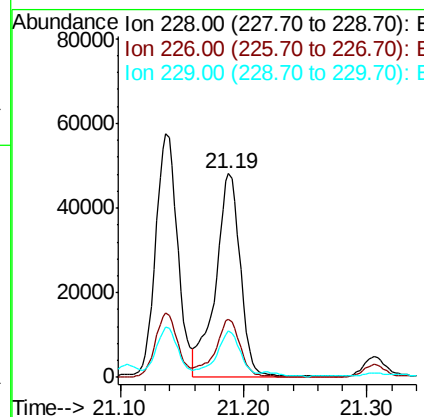
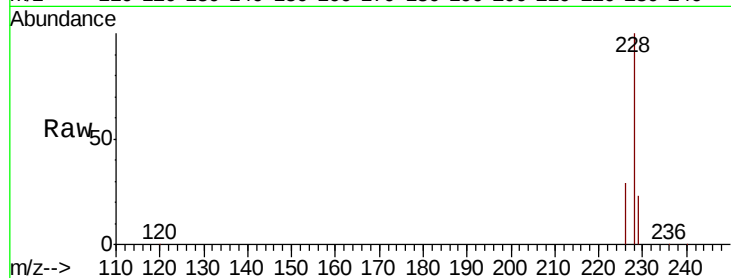
ClientSampleId :

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Tot Ion:	228	Resp:	66242
Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.6	35.4
229	22.8	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 1.153 ng/ul m

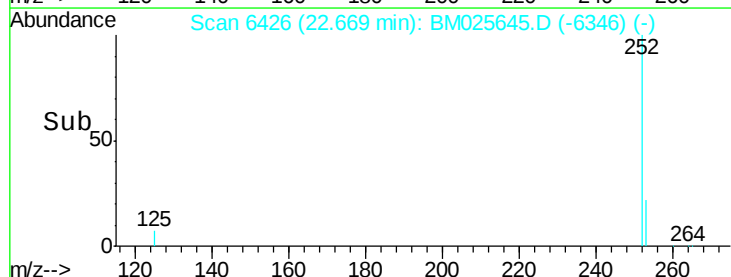
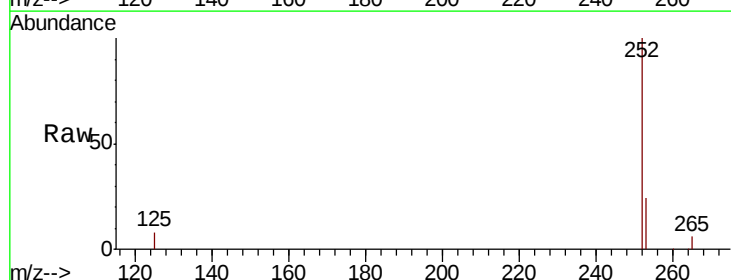
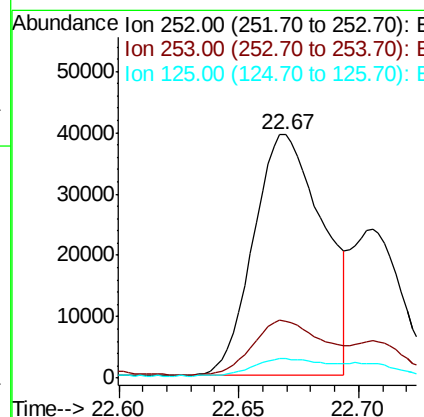
RT: 22.67 min Scan# 6426

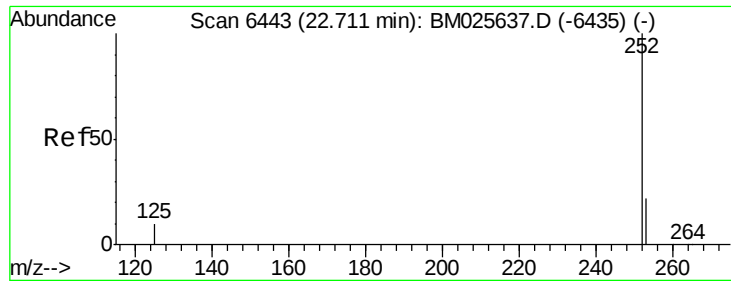
Delta R.T. -0.01 min

Lab File: BM025645.D

Acq: 19 Mar 2020 01:22

Tgt Ion:	252	Resp:	79454
Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	50.2
125	7.9	0.0	17.6





#22

Benzo(k)fluoranthene

Concen: 0.479 ng/ul

RT: 22.71 min Scan# 6441

Delta R.T. -0.01 min

Lab File: BM025645.D

Acq: 19 Mar 2020 01:22

Instrument :

BNA_M

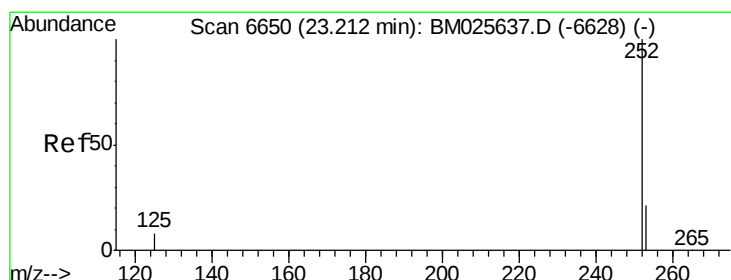
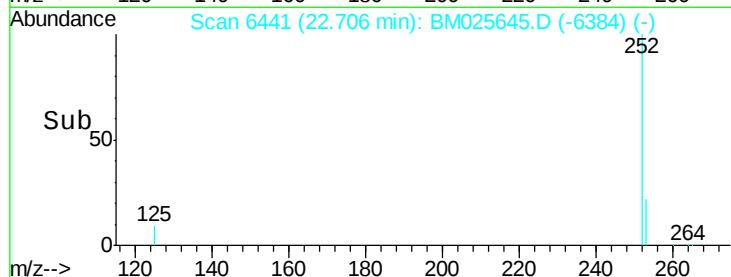
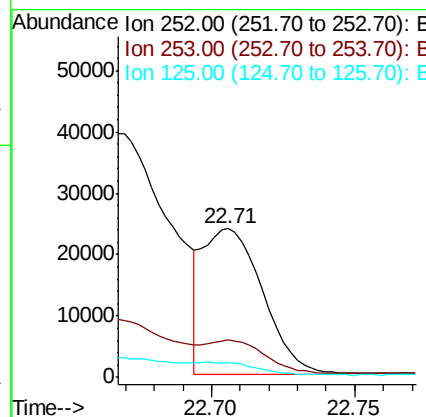
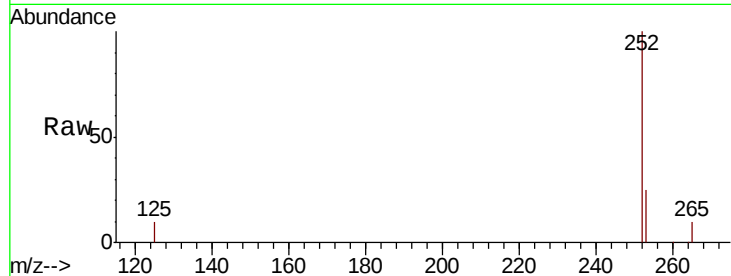
ClientSampleId :

C0AC7DL

Tot Ion:	252	Resp:	34577
Ion Ratio	Lower	Upper	
252	100		
253	25.3	19.8	29.8
125	9.9	7.1	10.7

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#23

Benzo(a)pyrene

Concen: 0.909 ng/ul

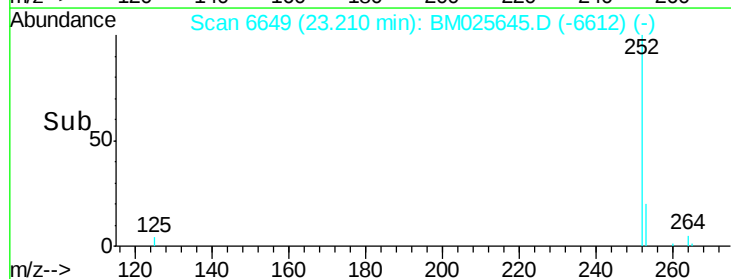
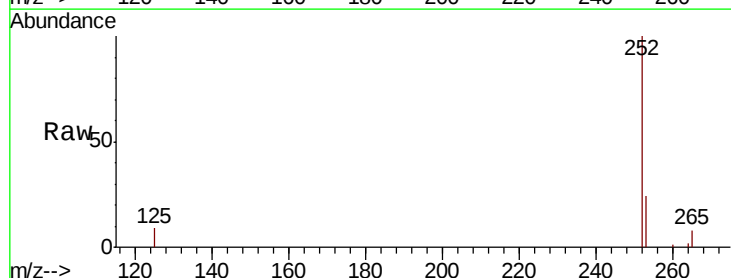
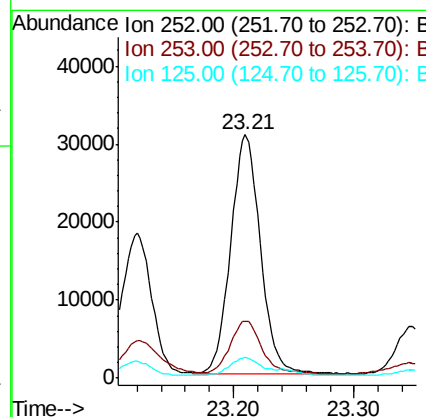
RT: 23.21 min Scan# 6649

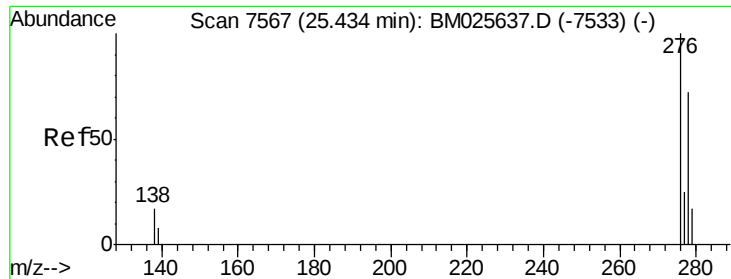
Delta R.T. -0.01 min

Lab File: BM025645.D

Acq: 19 Mar 2020 01:22

Tgt Ion:	252	Resp:	52015
Ion Ratio	Lower	Upper	
252	100		
253	23.6	21.3	31.9
125	8.6	8.5	12.7





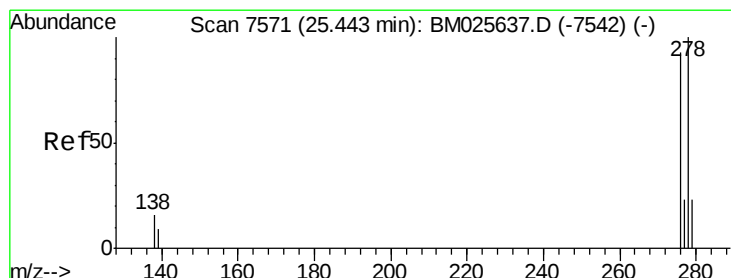
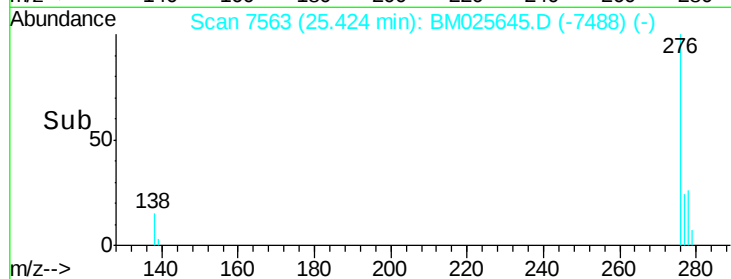
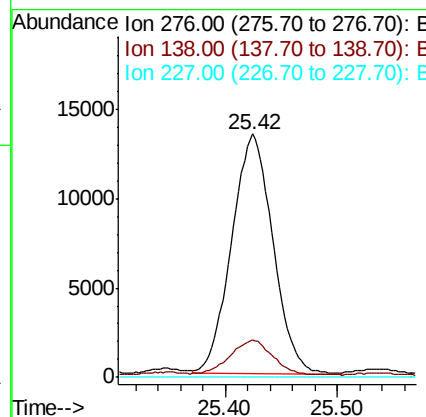
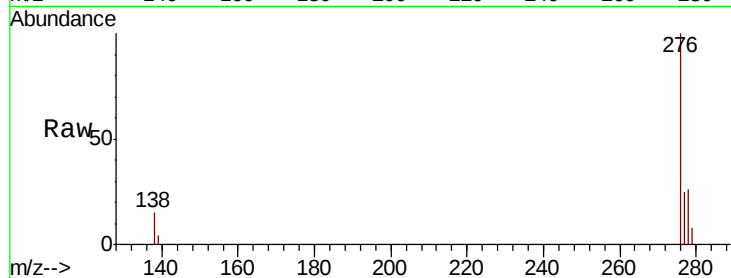
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.446 ng/ul
 RT: 25.42 min Scan# 7563
 Delta R.T. -0.02 min
 Lab File: BM025645.D
 Acq: 19 Mar 2020 01:22

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.8	12.3	18.5
227	0.0	0.0	0.0

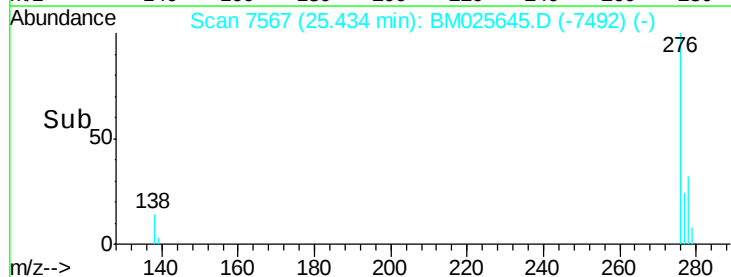
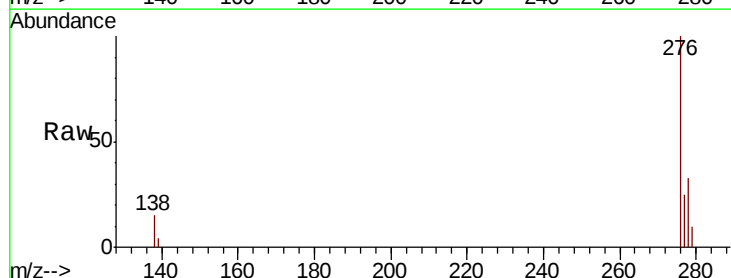
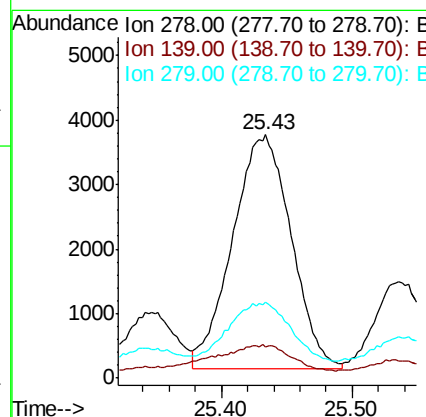
Manual Integrations
 APPROVED

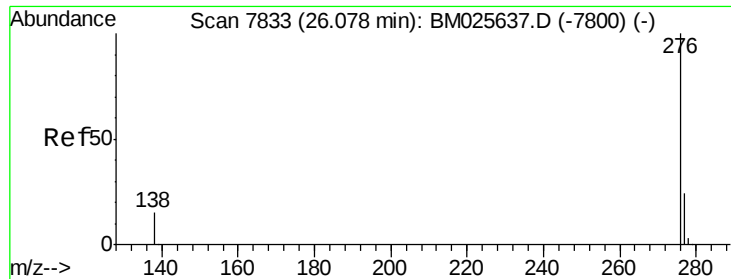
mohammad
 3/19/2020 12:43:57 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.172 ng/ul
 RT: 25.43 min Scan# 7567
 Delta R.T. -0.02 min
 Lab File: BM025645.D
 Acq: 19 Mar 2020 01:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.6	9.0	13.6
279	31.1	21.1	31.7





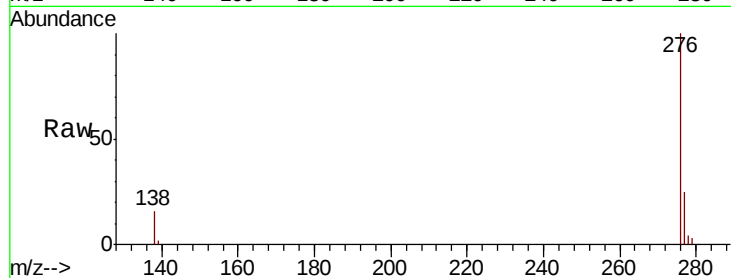
#26
 Benzo(a,h,i)perylene
 Concen: 0.334 ng/ul
 RT: 26.07 min Scan# 7830
 Delta R.T. -0.01 min
 Lab File: BM025645.D
 Acq: 19 Mar 2020 01:22

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.9	11.0	16.4
277	25.2	19.8	29.6

Manual Integrations
 APPROVED

mohammad
 3/19/2020 12:43:57 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

