

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
 Data File : BM025643.D
 Acq On : 19 Mar 2020 00:10
 Operator : CG/JU
 Sample : L1786-09DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC5DL

Manual Integrations
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Quant Time: Mar 19 02:36:27 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	3079	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	12681	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	8355	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	18930	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	19608	0.40	ng/ul	0.00
20) Perylene-d12	23.30	264	21022	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	655	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1855	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	126785	3.377	ng/ul	98
5) 2-Methylnaphthalene	12.02	142	56052	2.089	ng/ul	100
7) Acenaphthylene	13.94	152	15938	0.467	ng/ul#	86
8) Acenaphthene	14.28	153	57256	1.912	ng/ul	98
9) Fluorene	15.27	166	104448	2.863	ng/ul	99
12) Phenanthrene	17.00	178	439002	7.318	ng/ul	99
13) Anthracene	17.09	178	286783	5.493	ng/ul	99
15) Fluoranthene	19.02	202	434402	6.680	ng/ul	97
17) Pyrene	19.39	202	291376	3.311	ng/ul	99
18) Benzo(a)anthracene	21.14	228	144433	2.060	ng/ul	99
19) Chrysene	21.19	228	128472	1.632	ng/ul	98
21) Benzo(b)fluoranthene	22.67	252	125036m	1.502	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	54837m	0.629	ng/ul	
23) Benzo(a)pyrene	23.21	252	80713	1.168	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.43	276	46207	0.493	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.44	278	15257	0.193	ng/ul	96
26) Benzo(a,h,i)perylene	26.07	276	27858	0.342	ng/ul	98

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

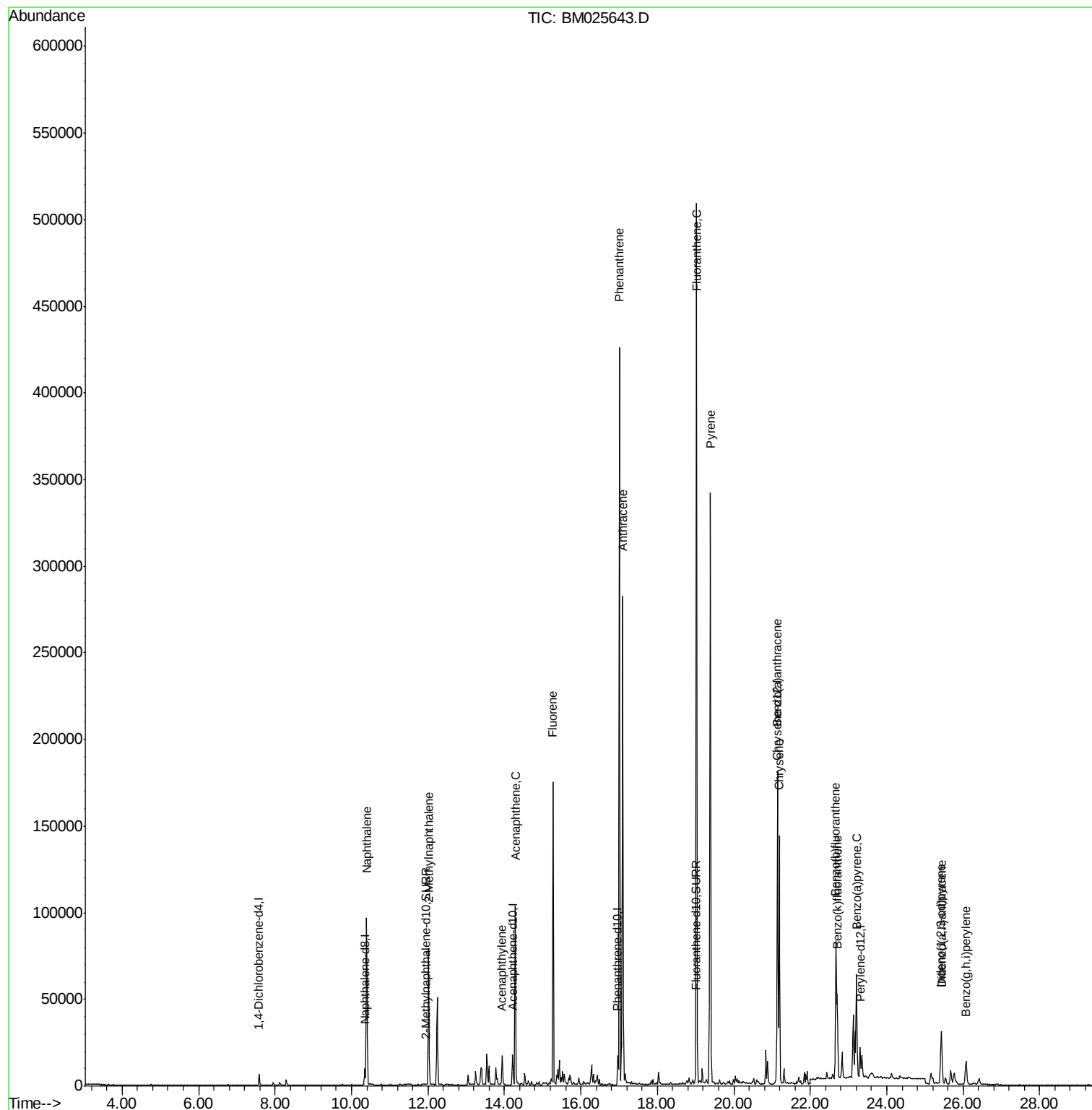
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

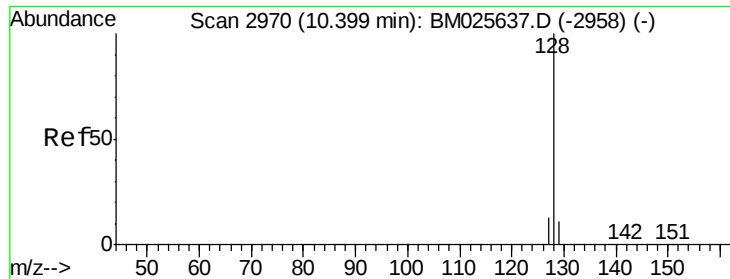
Instrument :
BNA_M
ClientSampleId :
C0AC5DL

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Quant Time: Mar 19 02:36:27 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: 3.377 ng/ul

RT: 10.39 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BM025643.D

Acq: 19 Mar 2020 00:10

Instrument :

BNA_M

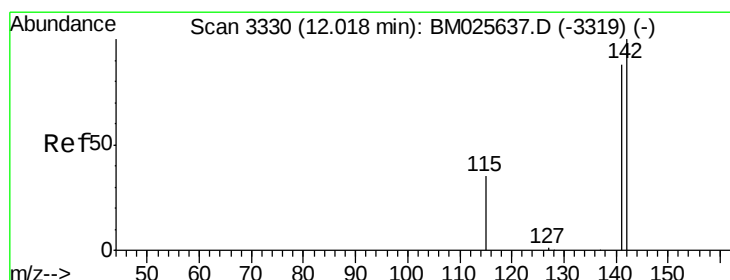
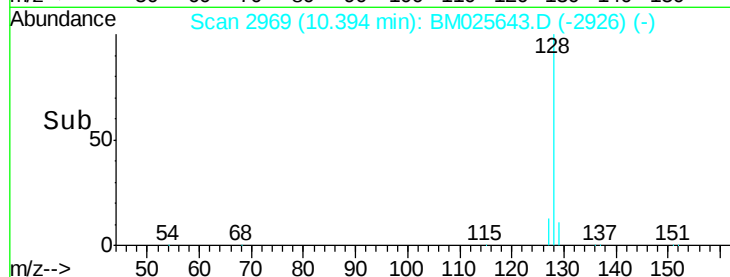
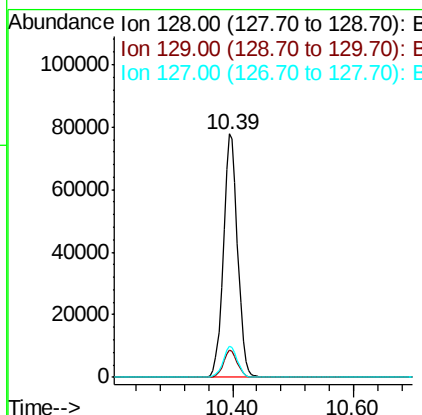
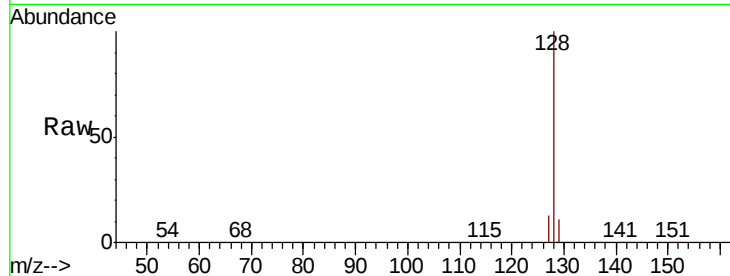
ClientSampleId :

C0AC5DL

Tot Ion:	128	Resp:	126785
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.4	14.0
127	12.8	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 2.089 ng/ul

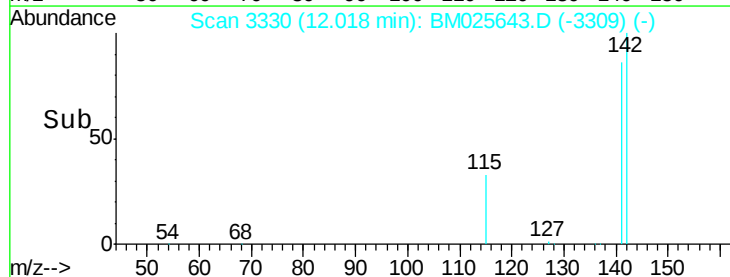
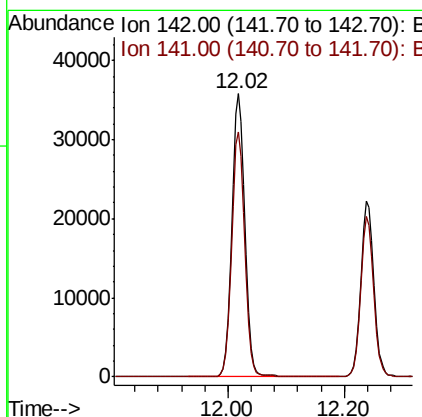
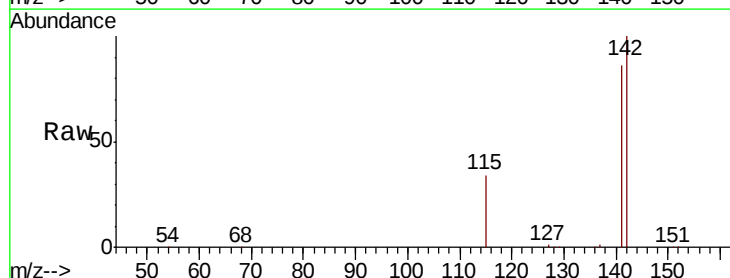
RT: 12.02 min Scan# 3330

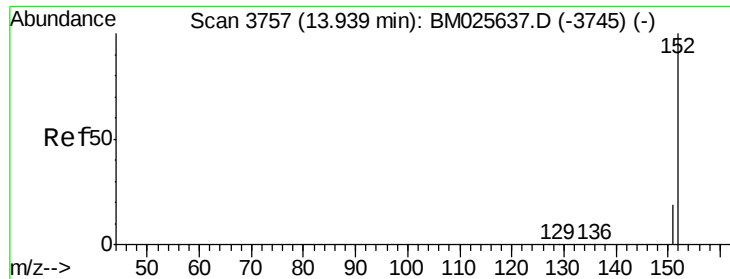
Delta R.T. -0.01 min

Lab File: BM025643.D

Acq: 19 Mar 2020 00:10

Tgt Ion:	142	Resp:	56052
Ion Ratio	Lower	Upper	
142	100		
141	87.0	69.8	104.6





#7

Acenaphthylene

Concen: 0.467 ng/ul

RT: 13.94 min Scan# 3757

Delta R.T. -0.00 min

Lab File: BM025643.D

Acq: 19 Mar 2020 00:10

Instrument :

BNA_M

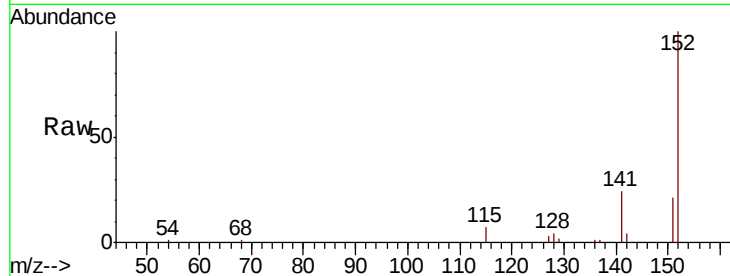
ClientSampleId :

C0AC5DL

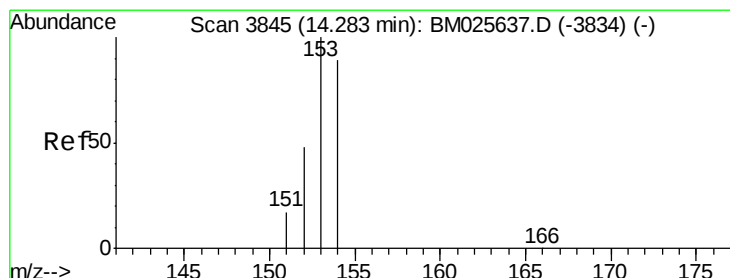
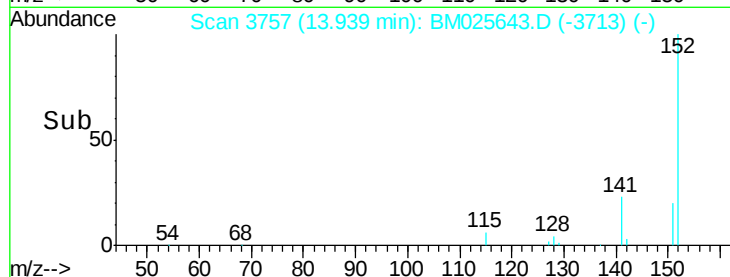
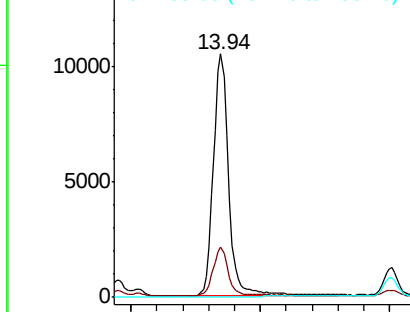
Tot Ion:	152	Resp:	15938
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.2
153	0.0	10.6	16.0#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 1.912 ng/ul

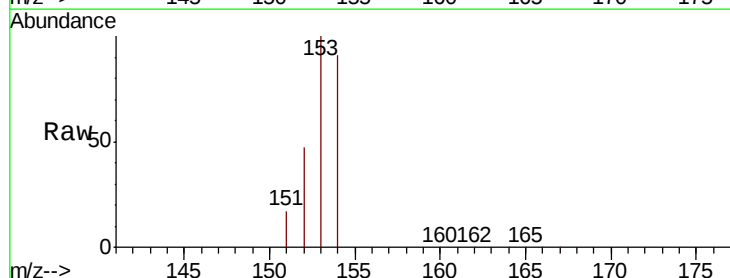
RT: 14.28 min Scan# 3845

Delta R.T. -0.01 min

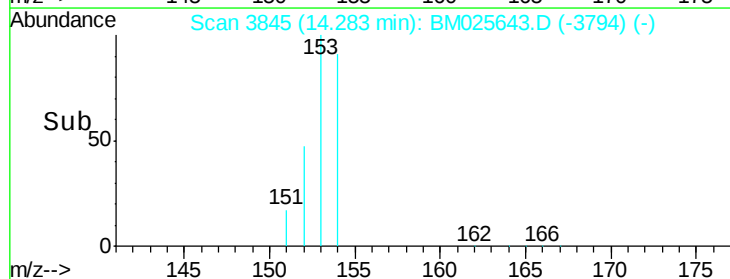
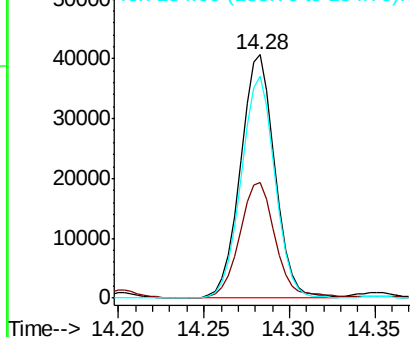
Lab File: BM025643.D

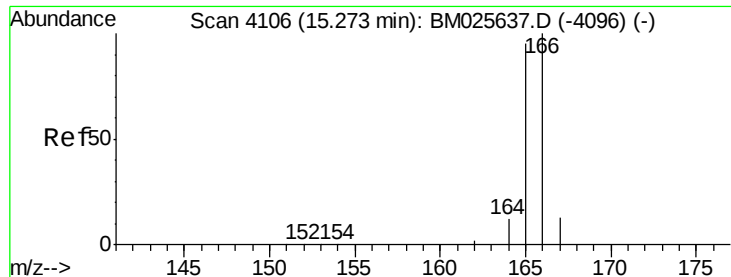
Acq: 19 Mar 2020 00:10

Tgt Ion:	153	Resp:	57256
Ion Ratio	Lower	Upper	
153	100		
152	47.2	39.5	59.3
154	91.0	71.7	107.5



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 2.863 ng/ul

RT: 15.27 min Scan# 4106

Delta R.T. -0.01 min

Lab File: BM025643.D

Acq: 19 Mar 2020 00:10

Instrument :

BNA_M

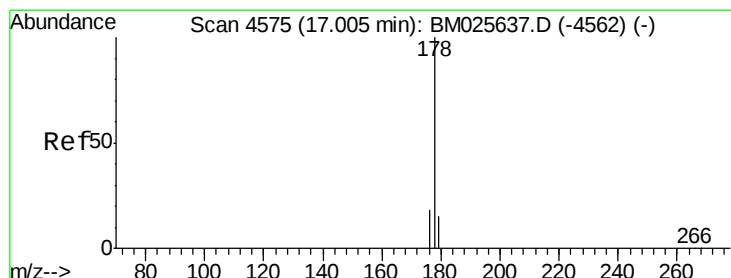
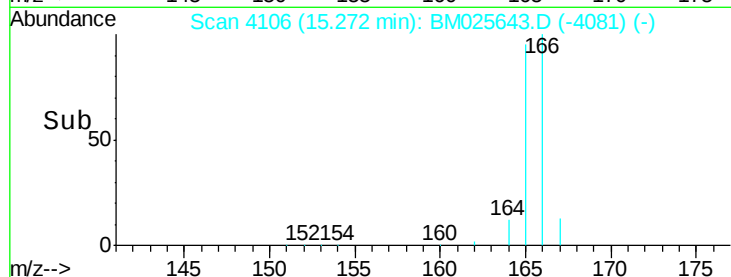
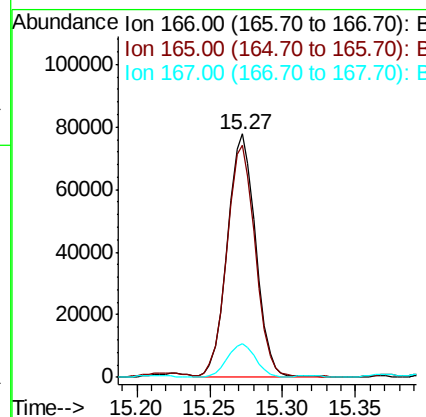
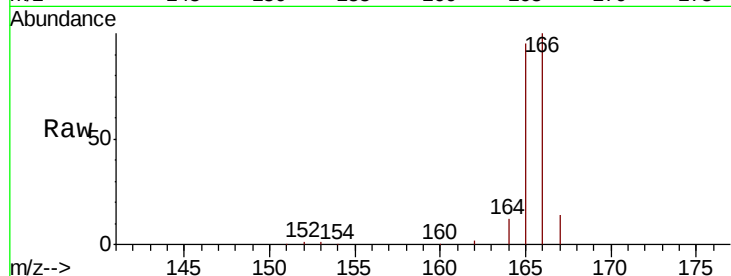
ClientSampleId :

C0AC5DL

Tot Ion:	166	Resp:	104448
Ion Ratio	Lower	Upper	
166	100		
165	95.3	76.8	115.2
167	13.8	11.2	16.8

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#12

Phenanthrene

Concen: 7.318 ng/ul

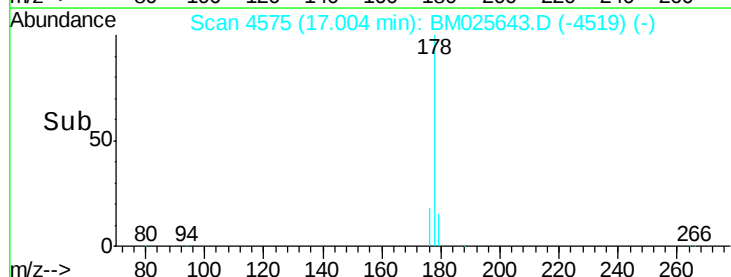
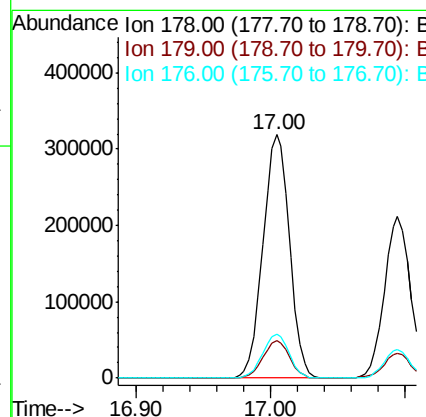
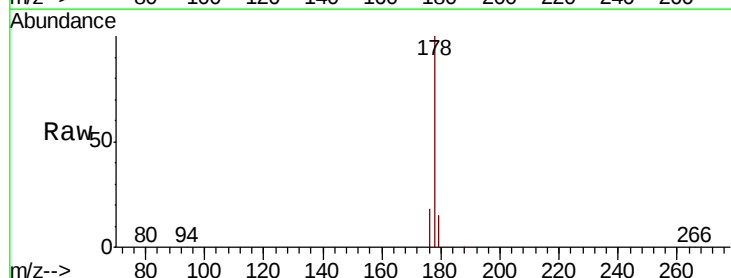
RT: 17.00 min Scan# 4575

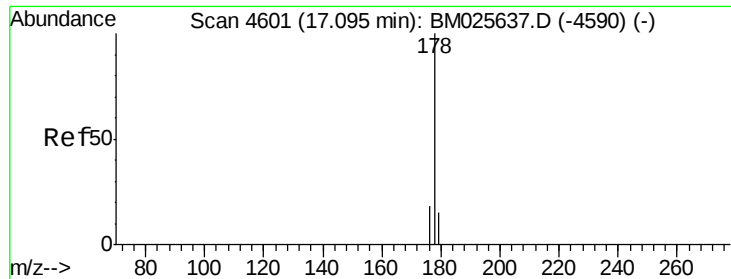
Delta R.T. -0.01 min

Lab File: BM025643.D

Acq: 19 Mar 2020 00:10

Tgt Ion:	178	Resp:	439002
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.4	18.6
176	18.2	14.8	22.2





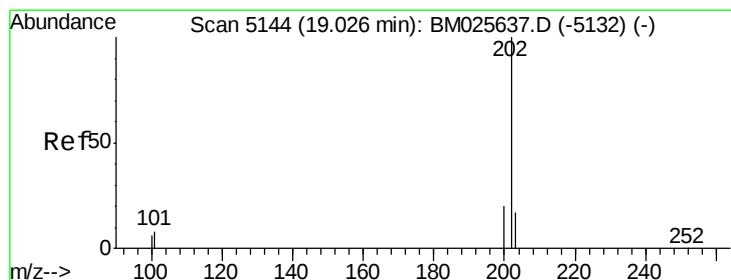
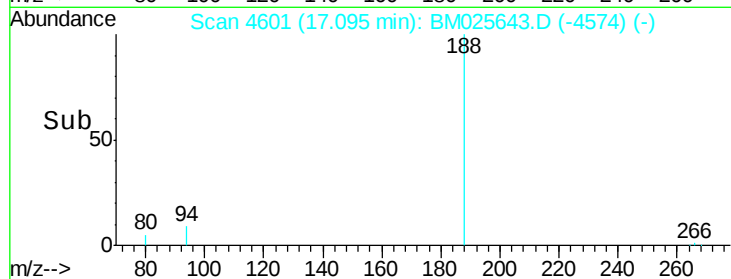
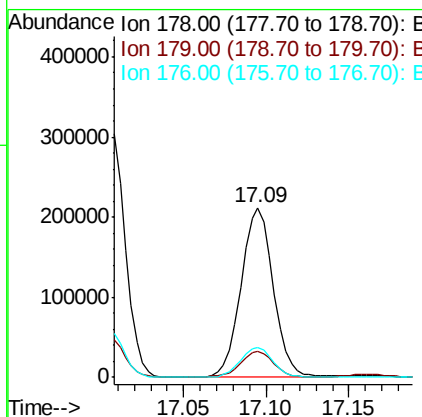
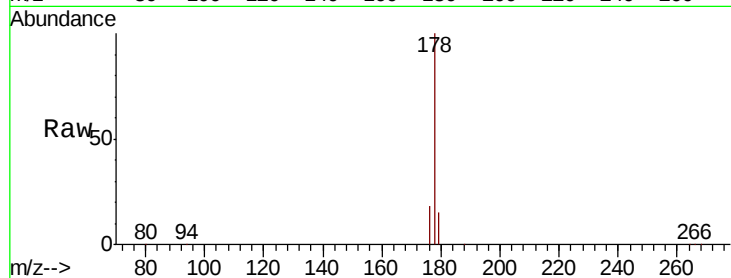
#13
 Anthracene
 Concen: 5.493 ng/ul
 RT: 17.09 min Scan# 4601
 Delta R.T. -0.01 min
 Lab File: BM025643.D
 Acq: 19 Mar 2020 00:10

Instrument :
 BNA_M
 ClientSampleId :
 C0AC5DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	17.6	14.5	21.7

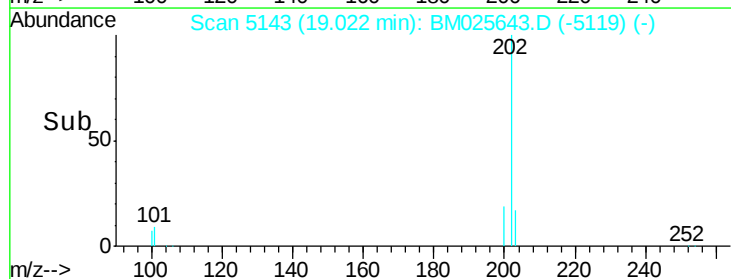
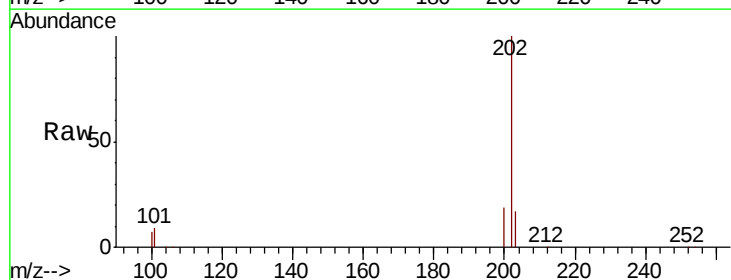
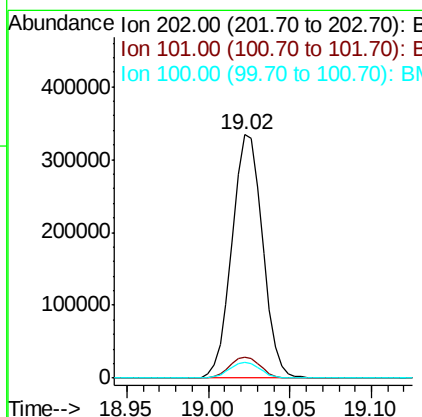
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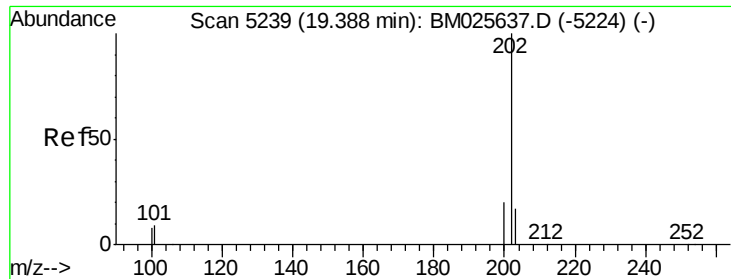
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#15
 Fluoranthene
 Concen: 6.680 ng/ul
 RT: 19.02 min Scan# 5143
 Delta R.T. -0.01 min
 Lab File: BM025643.D
 Acq: 19 Mar 2020 00:10

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





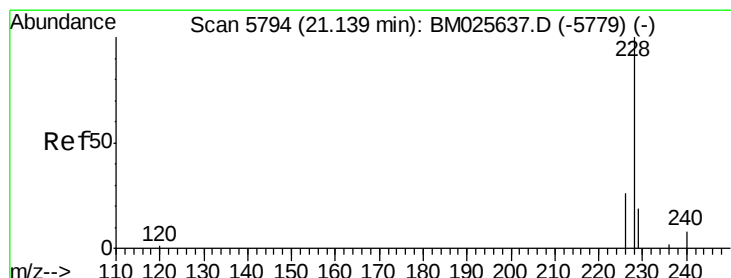
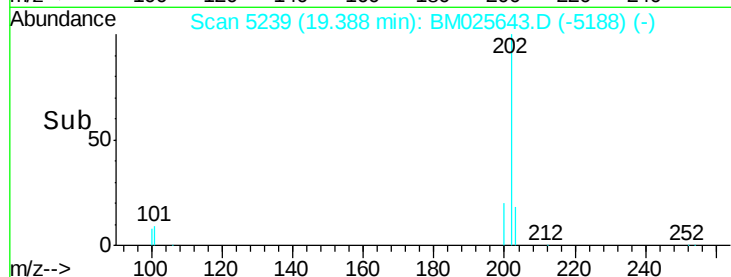
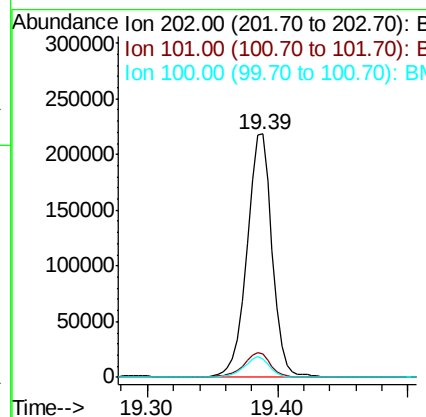
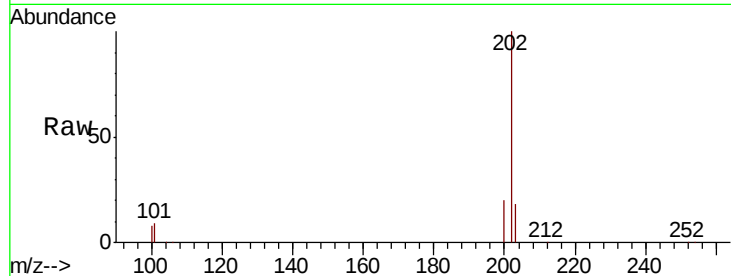
#17
Pvrene
Concen: 3.311 ng/ul
RT: 19.39 min Scan# 5239
Delta R.T. -0.01 min
Lab File: BM025643.D
Acq: 19 Mar 2020 00:10

Instrument :
BNA_M
ClientSampled :
C0AC5DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.1	10.7
100	7.7	6.0	9.0

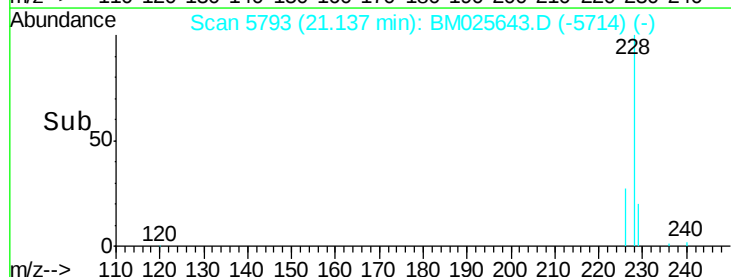
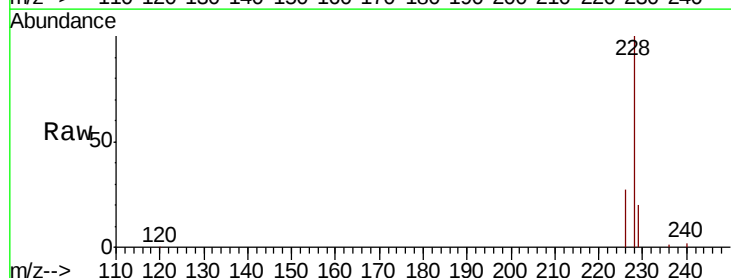
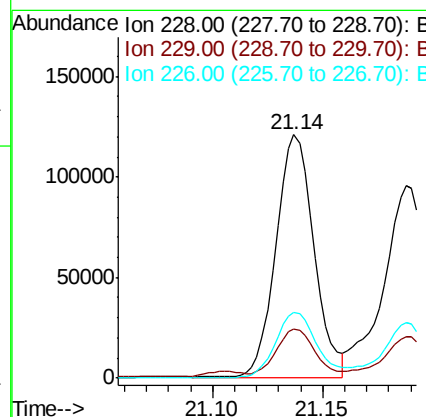
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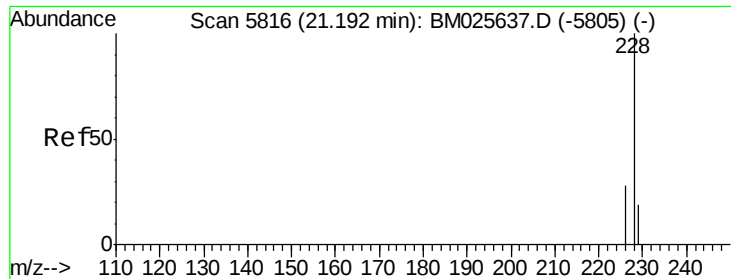
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#18
Benzo(a)anthracene
Concen: 2.060 ng/ul
RT: 21.14 min Scan# 5793
Delta R.T. -0.01 min
Lab File: BM025643.D
Acq: 19 Mar 2020 00:10

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.6	23.4
226	27.2	21.1	31.7





#19

Chrysene

Concen: 1.632 ng/ul

RT: 21.19 min Scan# 5814

Delta R.T. -0.01 min

Lab File: BM025643.D

Acq: 19 Mar 2020 00:10

Instrument :

BNA_M

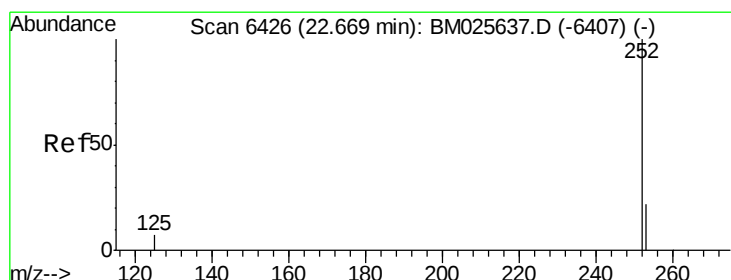
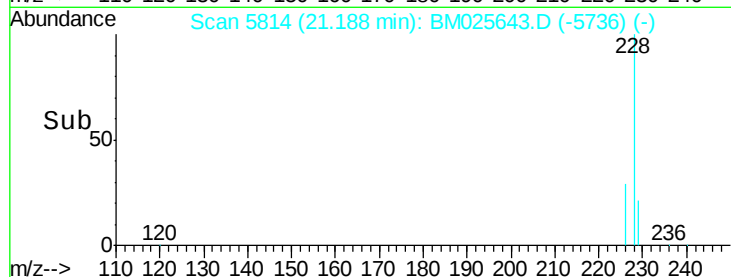
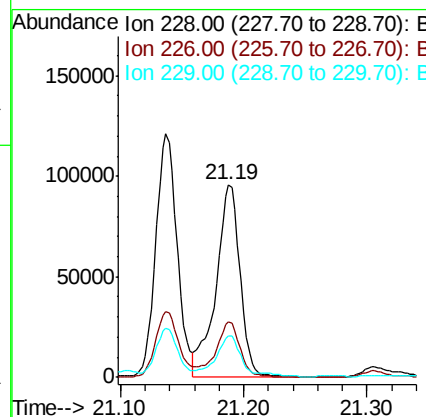
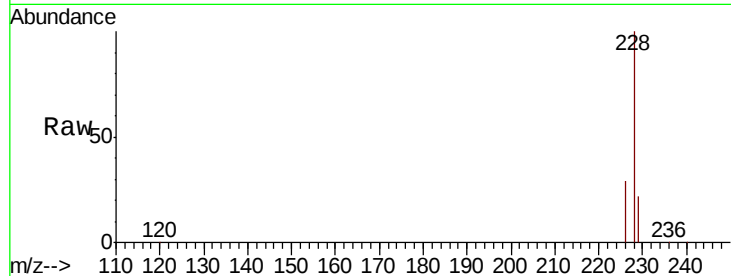
ClientSampleId :

C0AC5DL

Tot Ion:	228	Resp:	128472
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.6	35.4
229	21.5	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 1.502 ng/ul m

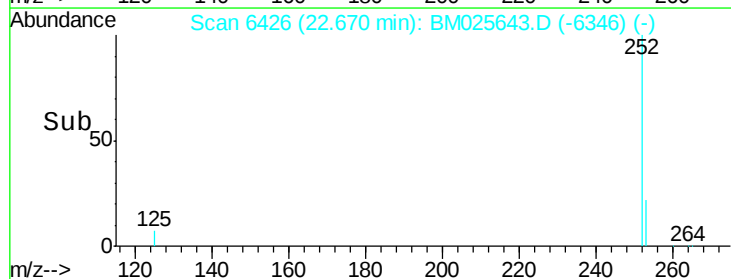
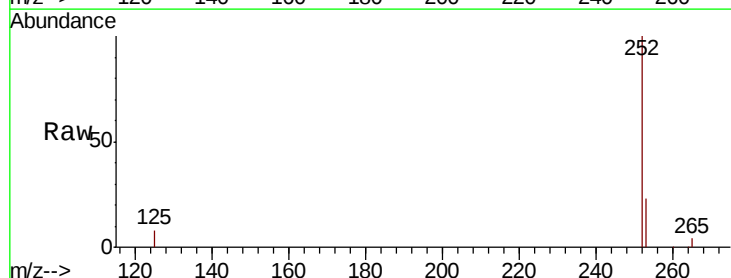
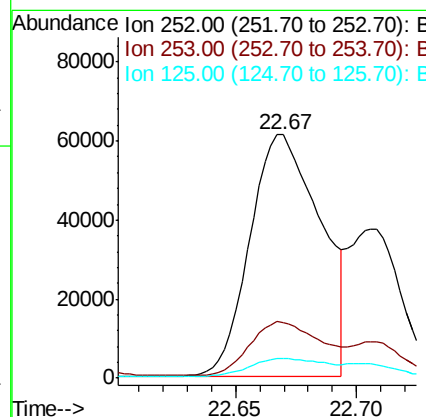
RT: 22.67 min Scan# 6426

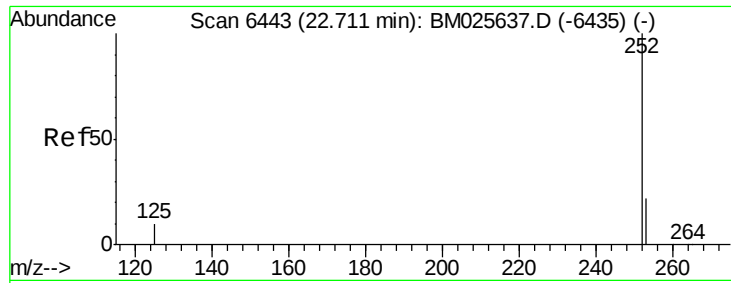
Delta R.T. -0.01 min

Lab File: BM025643.D

Acq: 19 Mar 2020 00:10

Tgt Ion:	252	Resp:	125036
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	50.2
125	8.1	0.0	17.6





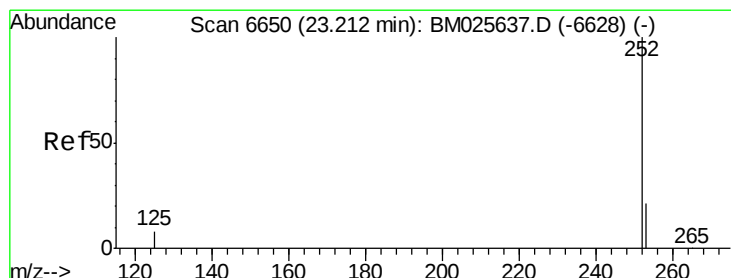
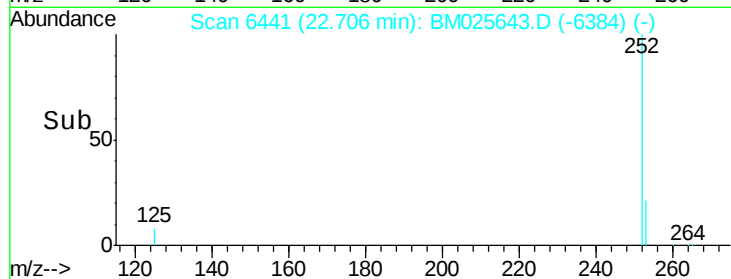
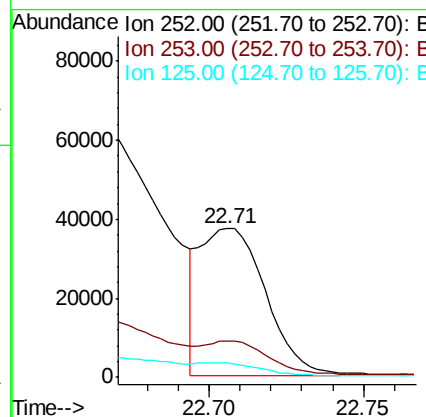
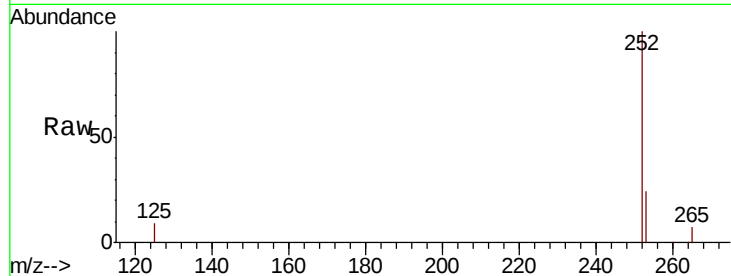
#22
Benzo(k)fluoranthene
Concen: 0.629 ng/ul m
RT: 22.71 min Scan# 6441
Delta R.T. -0.01 min
Lab File: BM025643.D
Acq: 19 Mar 2020 00:10

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.8	29.8
125	9.4	7.1	10.7

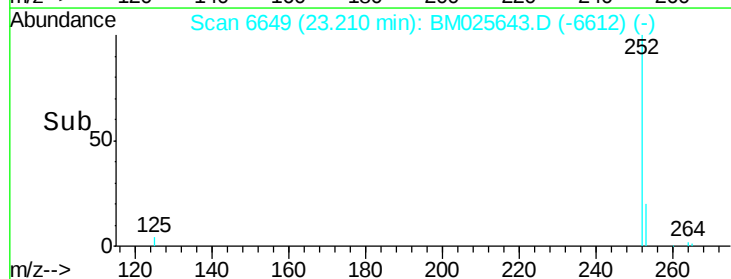
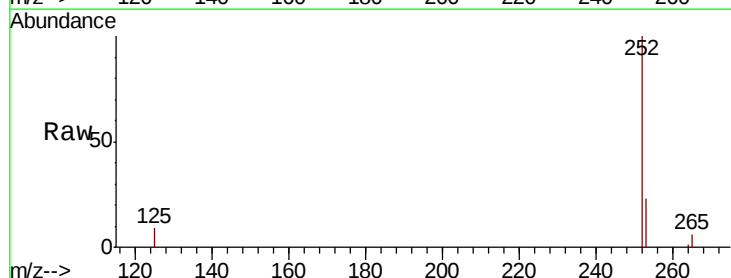
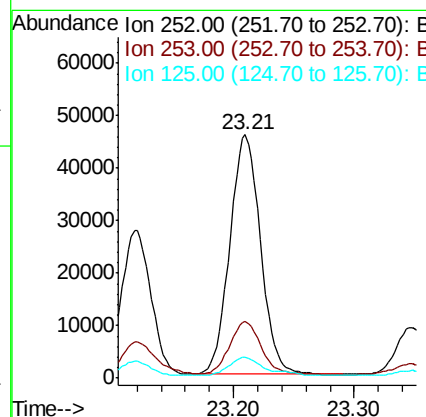
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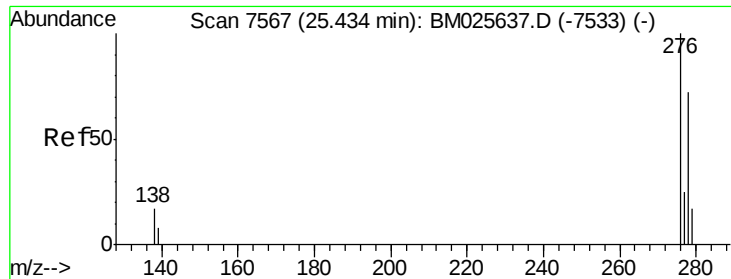
mohammad
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#23
Benzo(a)pyrene
Concen: 1.168 ng/ul
RT: 23.21 min Scan# 6649
Delta R.T. -0.01 min
Lab File: BM025643.D
Acq: 19 Mar 2020 00:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	21.3	31.9
125	8.6	8.5	12.7





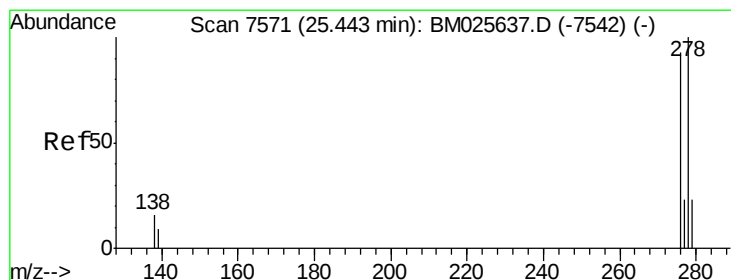
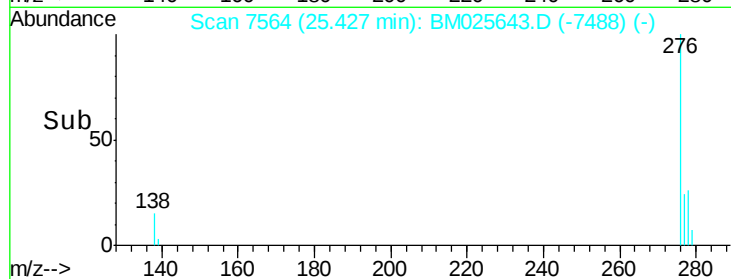
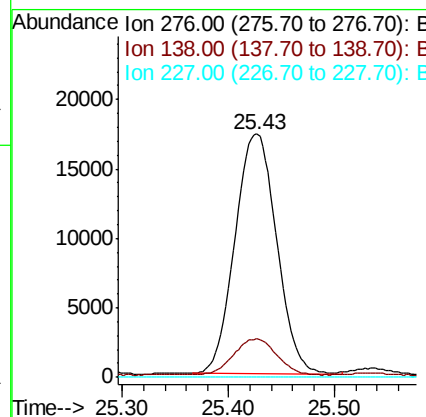
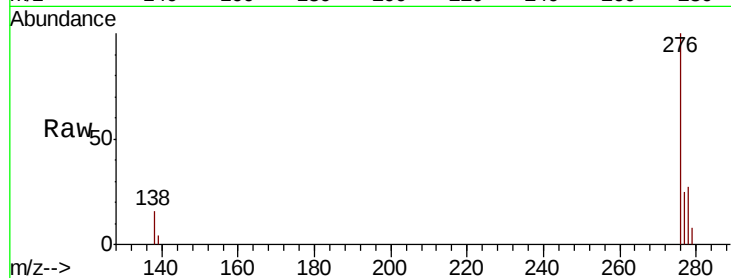
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.493 ng/ul
RT: 25.43 min Scan# 7564
Delta R.T. -0.01 min
Lab File: BM025643.D
Acq: 19 Mar 2020 00:10

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.6	12.3	18.5
227	0.0	0.0	0.0

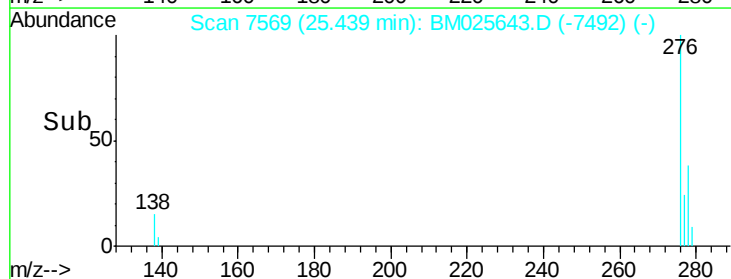
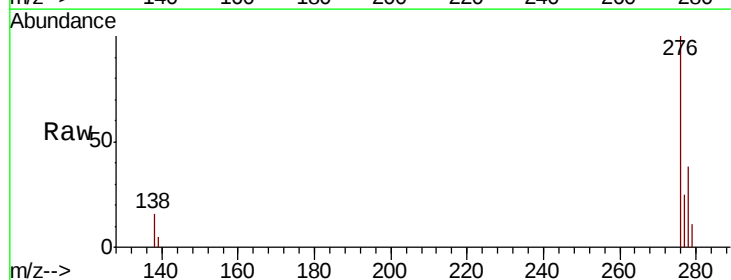
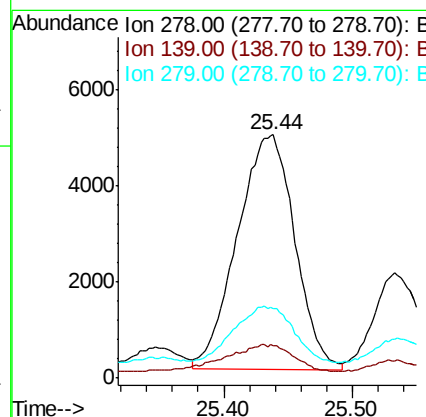
Manual Integrations
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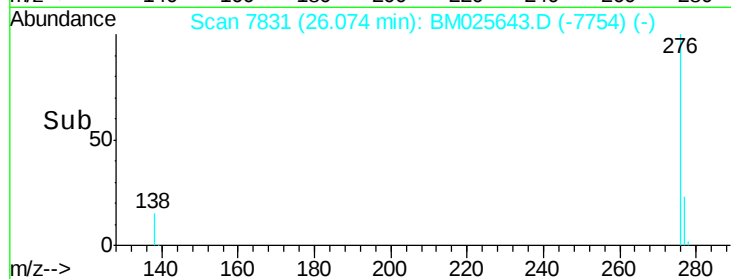
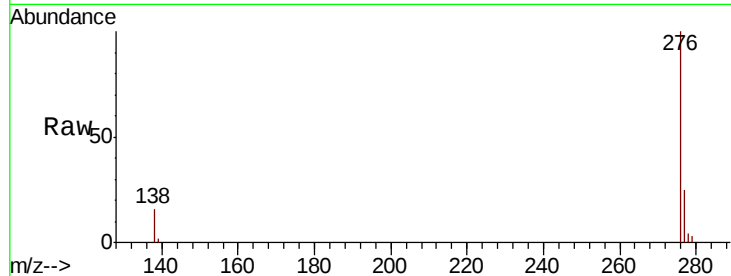
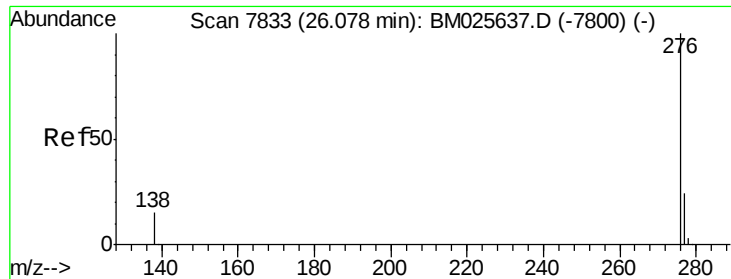
mohammad
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#25
Dibenzo(a,h)anthracene
Concen: 0.193 ng/ul
RT: 25.44 min Scan# 7569
Delta R.T. -0.01 min
Lab File: BM025643.D
Acq: 19 Mar 2020 00:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.1	9.0	13.6
279	28.5	21.1	31.7





#26

Benzo(a,h,i)perylene

Concen: 0.342 ng/ul

RT: 26.07 min Scan# 7831

Delta R.T. -0.01 min

Lab File: BM025643.D

Acq: 19 Mar 2020 00:10

Tot Ion:	276	Resp:	27858
Ion Ratio	Lower	Upper	
276	100		
138	16.2	11.0	16.4
277	24.7	19.8	29.6

Instrument :

BNA_M

ClientSampleId :

C0AC5DL

Manual Integrations
APPROVED

mohammad
3/19/2020 12:43:51 PM

