

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
 Data File : BM025646.D
 Acq On : 19 Mar 2020 01:58
 Operator : CG/JU
 Sample : L1786-12DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8DL

Manual Integrations
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Quant Time: Mar 19 02:50:05 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	2374	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9723	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	6308	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	14722	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	15651	0.40	ng/ul	0.00
20) Perylene-d12	23.30	264	16103	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	568	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1534	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	1186	0.041	ng/ul#	86
5) 2-Methylnaphthalene	12.02	142	460	0.022	ng/ul	94
7) Acenaphthylene	13.94	152	2506	0.097	ng/ul#	84
8) Acenaphthene	14.28	153	1221	0.054	ng/ul	97
9) Fluorene	15.27	166	3629	0.132	ng/ul	98
12) Phenanthrene	17.00	178	43237	0.927	ng/ul	100
13) Anthracene	17.09	178	24907	0.613	ng/ul	99
15) Fluoranthene	19.02	202	102166	2.020	ng/ul	98
17) Pyrene	19.38	202	78297	1.115	ng/ul	98
18) Benzo(a)anthracene	21.14	228	44730	0.799	ng/ul	99
19) Chrysene	21.19	228	47745	0.760	ng/ul	98
21) Benzo(b)fluoranthene	22.67	252	46164m	0.724	ng/ul	
22) Benzo(k)fluoranthene	22.70	252	21547m	0.323	ng/ul	
23) Benzo(a)pyrene	23.21	252	28243	0.533	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.42	276	18427	0.257	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.43	278	6015	0.100	ng/ul#	87
26) Benzo(a,h,i)perylene	26.07	276	11759	0.189	ng/ul#	96

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

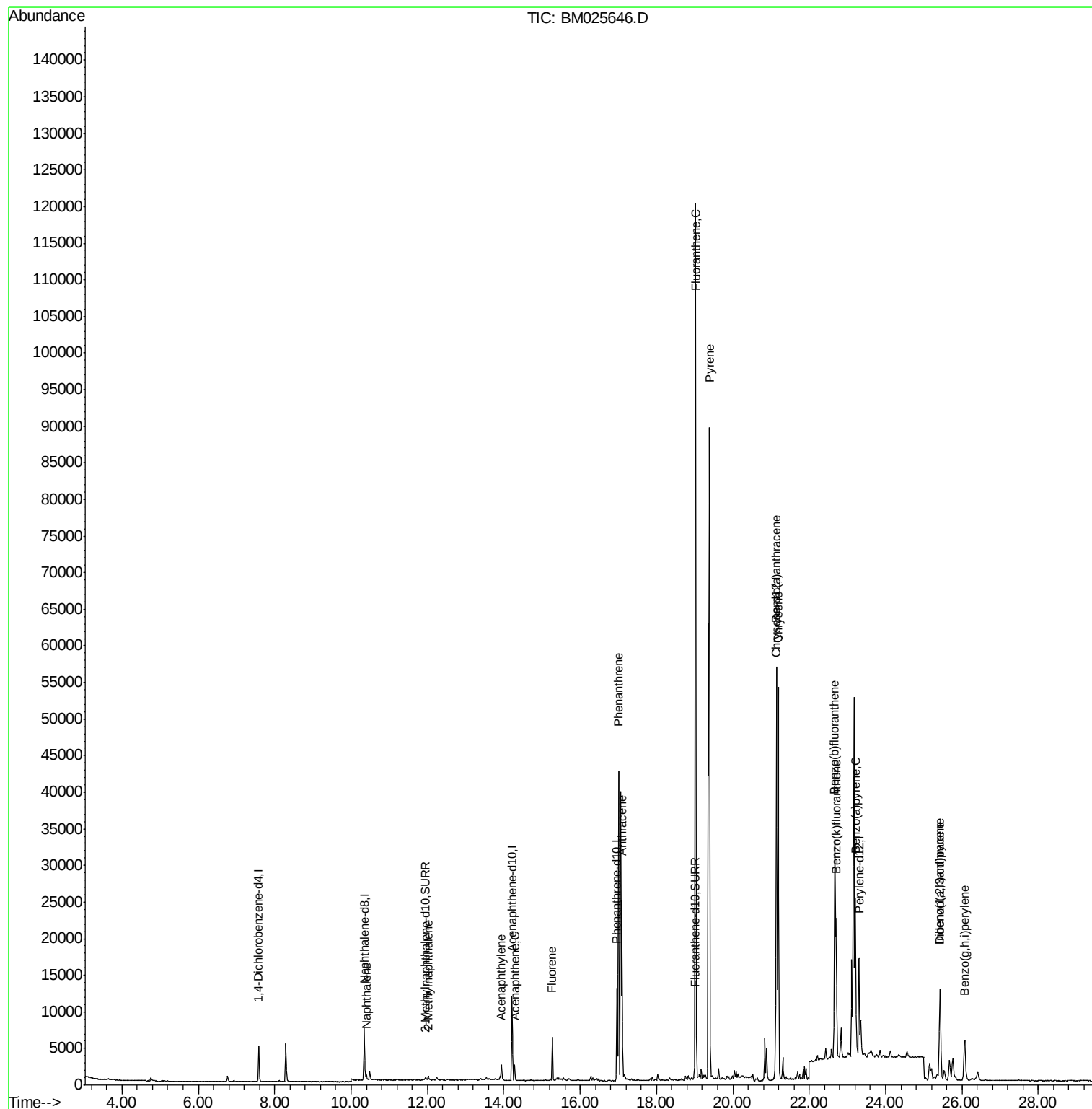
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
Data File : BM025646.D
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Misc :
ALS Vial : 22 Sample Multiplier: 1

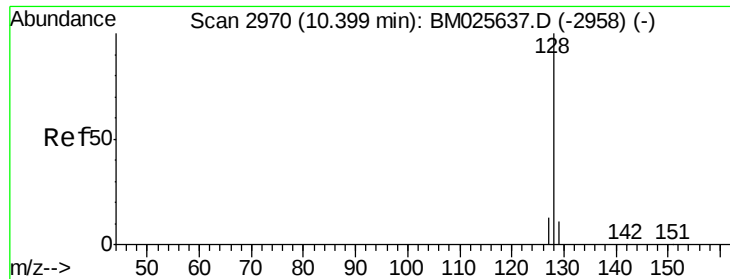
Instrument :
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Quant Time: Mar 19 02:50:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 00:21:10 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.041 ng/ul

RT: 10.40 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BM025646.D

Acq: 19 Mar 2020 01:58

Instrument :

BNA_M

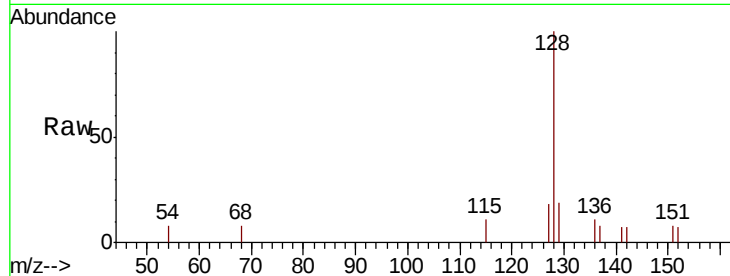
ClientSampleId :

C0AC8DL

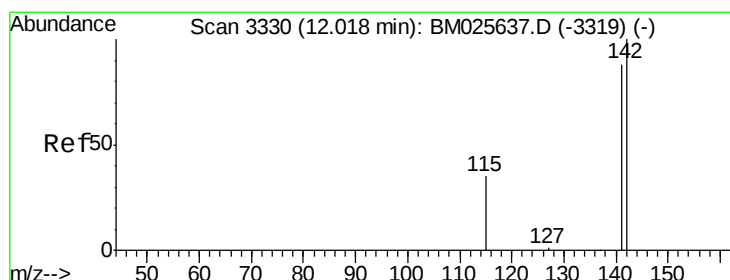
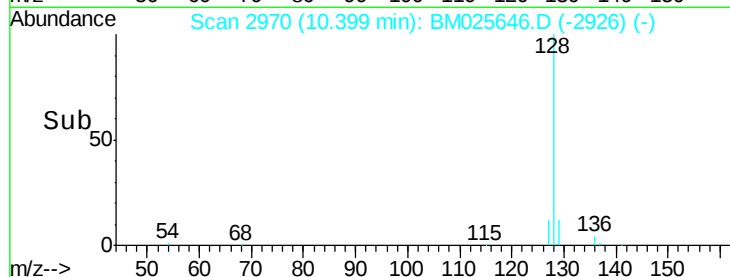
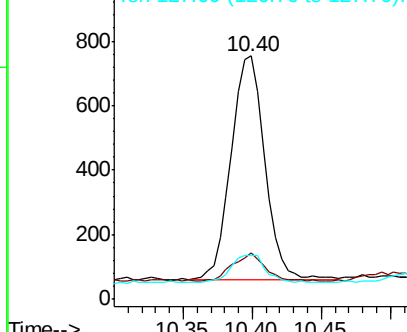
Tot Ion:	128	Resp:	1186
Ion Ratio	Lower	Upper	
128	100		
129	19.0	9.4	14.0#
127	17.9	10.9	16.3#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.022 ng/ul

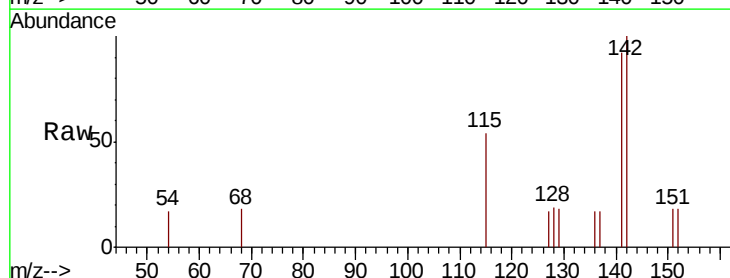
RT: 12.02 min Scan# 3331

Delta R.T. -0.00 min

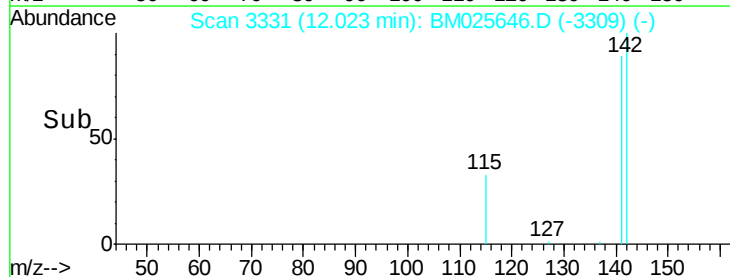
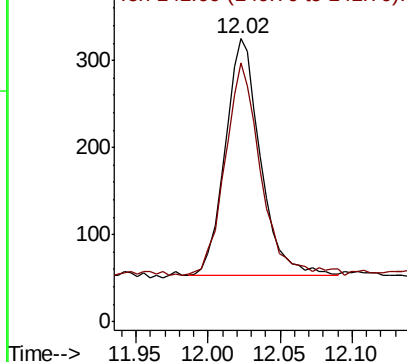
Lab File: BM025646.D

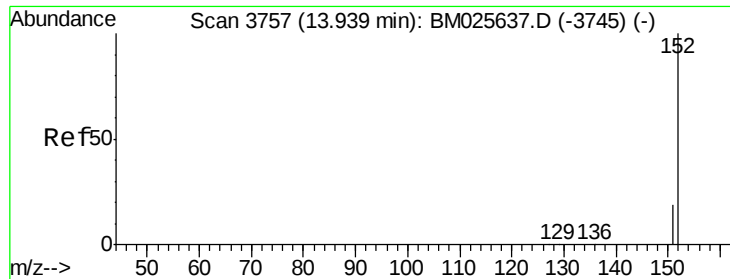
Acq: 19 Mar 2020 01:58

Tgt Ion:	142	Resp:	460
Ion Ratio	Lower	Upper	
142	100		
141	92.6	69.8	104.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.097 ng/ul

RT: 13.94 min Scan# 3757

Delta R.T. -0.00 min

Lab File: BM025646.D

Acq: 19 Mar 2020 01:58

Instrument :

BNA_M

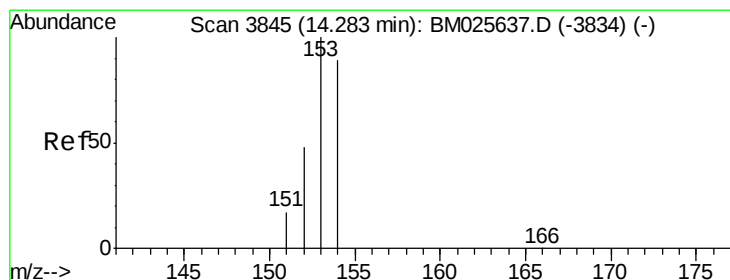
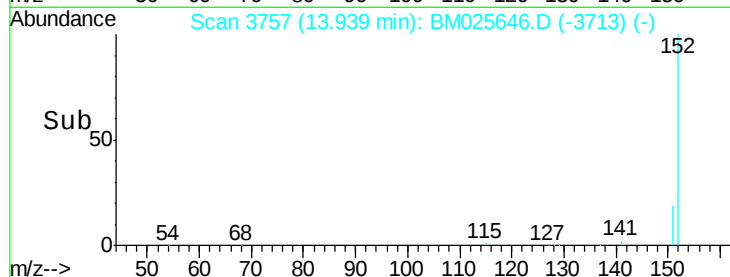
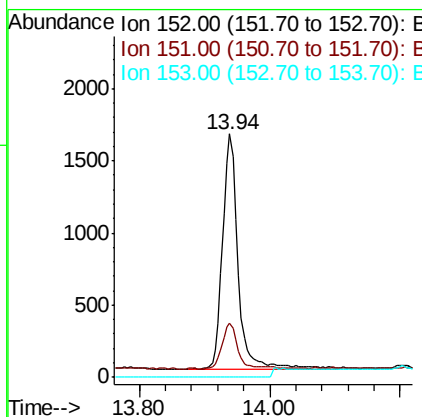
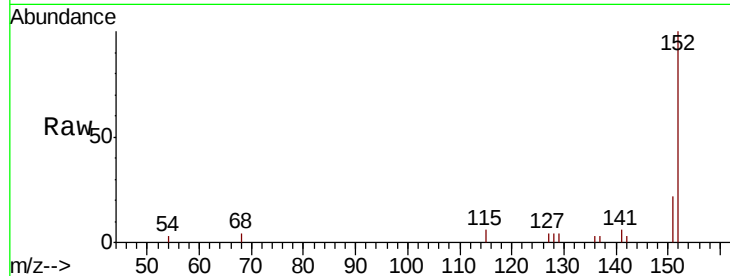
ClientSampleId :

C0AC8DL

Tot Ion:	152	Resp:	2506
Ion Ratio	Lower	Upper	
152	100		
151	22.4	16.2	24.2
153	0.0	10.6	16.0#

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#8

Acenaphthene

Concen: 0.054 ng/ul

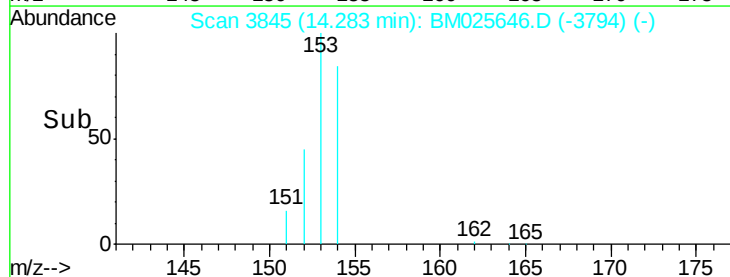
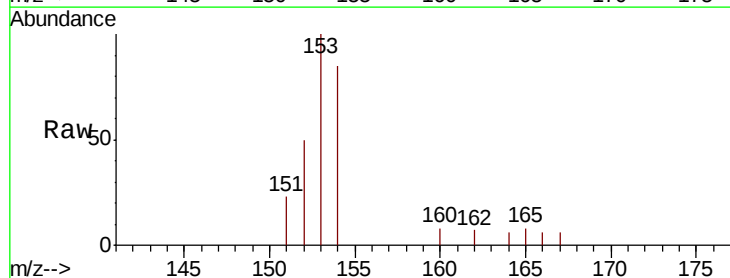
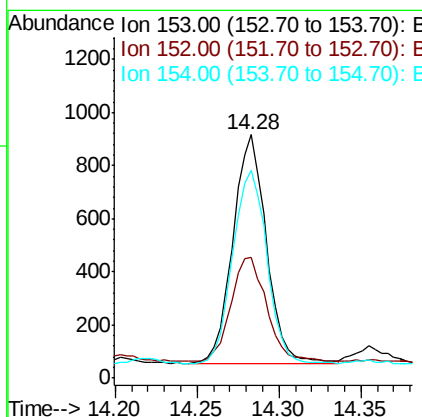
RT: 14.28 min Scan# 3845

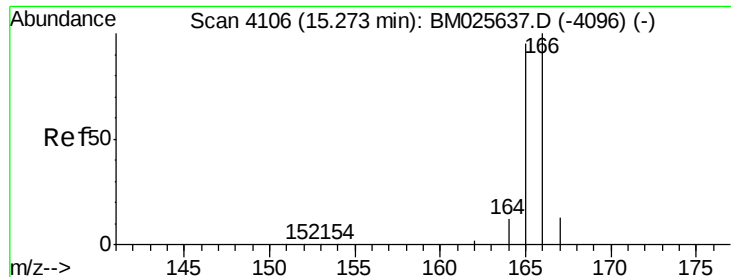
Delta R.T. -0.01 min

Lab File: BM025646.D

Acq: 19 Mar 2020 01:58

Tgt Ion:	153	Resp:	1221
Ion Ratio	Lower	Upper	
153	100		
152	49.6	39.5	59.3
154	85.2	71.7	107.5





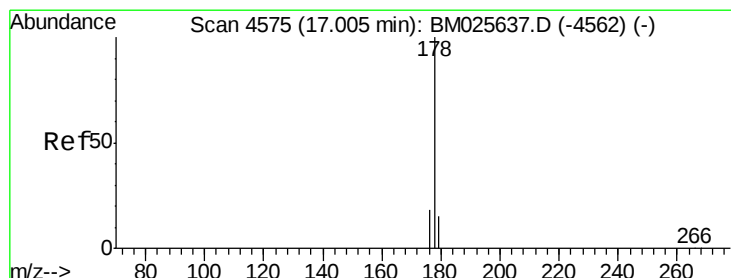
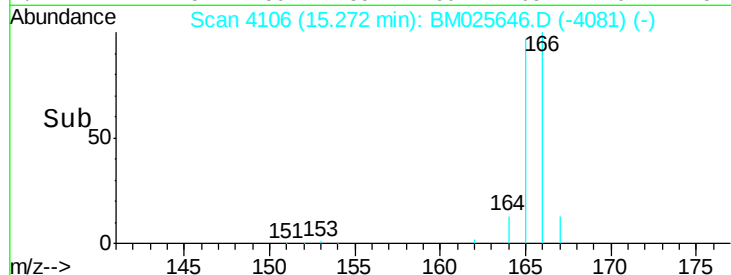
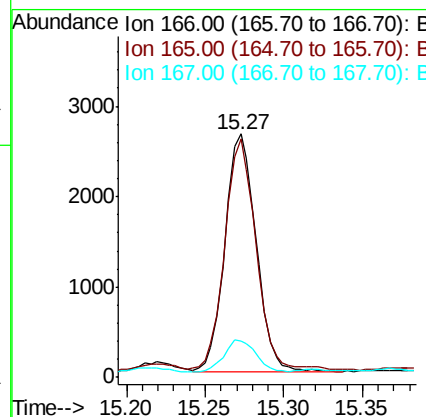
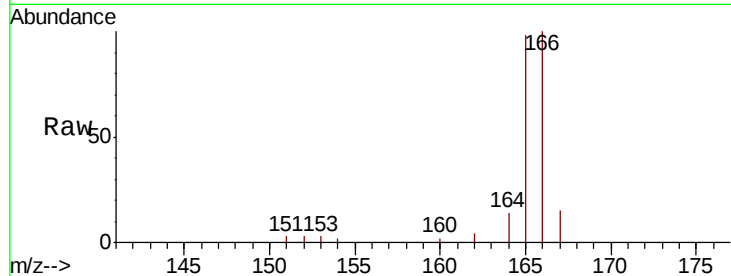
#9
Fluorene
 Concen: 0.132 ng/ul
 RT: 15.27 min Scan# 4106
 Delta R.T. -0.01 min
 Lab File: BM025646.D
 Acq: 19 Mar 2020 01:58

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.1	76.8	115.2
167	15.0	11.2	16.8

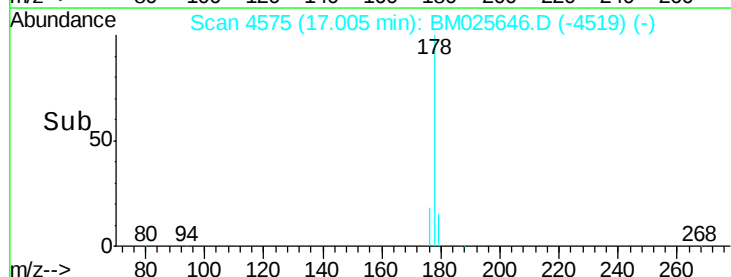
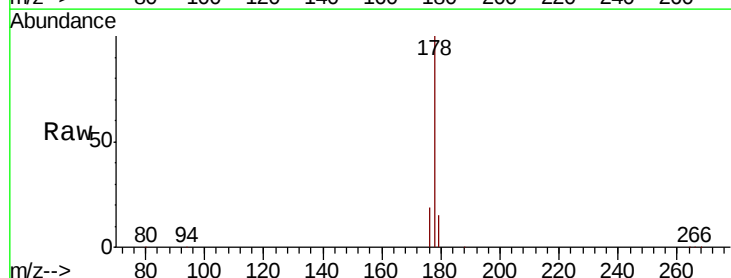
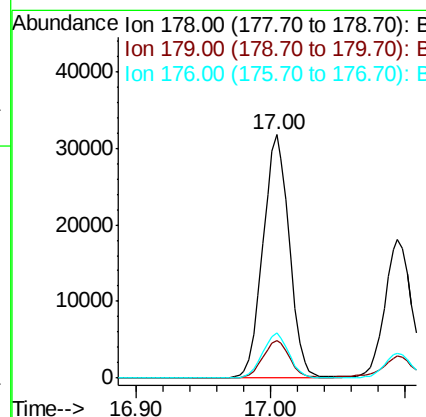
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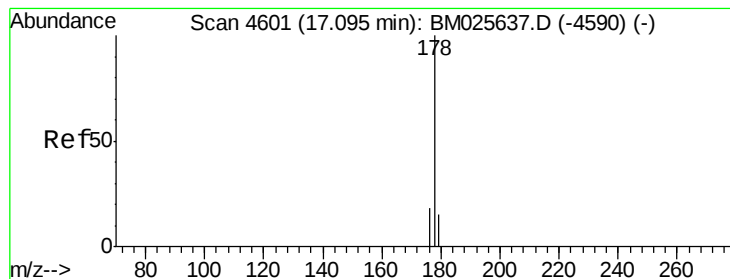
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#12
Phenanthrene
 Concen: 0.927 ng/ul
 RT: 17.00 min Scan# 4575
 Delta R.T. -0.01 min
 Lab File: BM025646.D
 Acq: 19 Mar 2020 01:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	18.6	14.8	22.2





#13

Anthracene

Concen: 0.613 ng/ul

RT: 17.09 min Scan# 4601

Delta R.T. -0.01 min

Lab File: BM025646.D

Acq: 19 Mar 2020 01:58

Instrument :

BNA_M

ClientSampleId :

C0AC8DL

Tot Ion:178 Resp: 24907

Ion Ratio Lower Upper

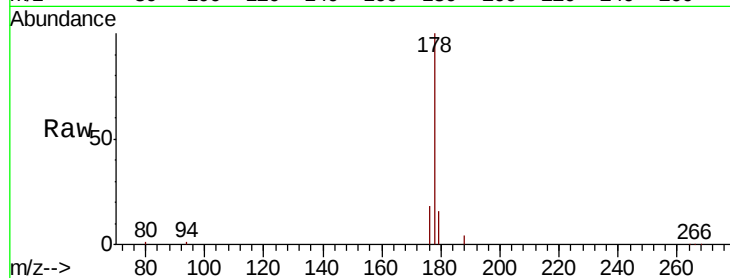
178 100

179 15.8 12.6 18.8

176 17.7 14.5 21.7

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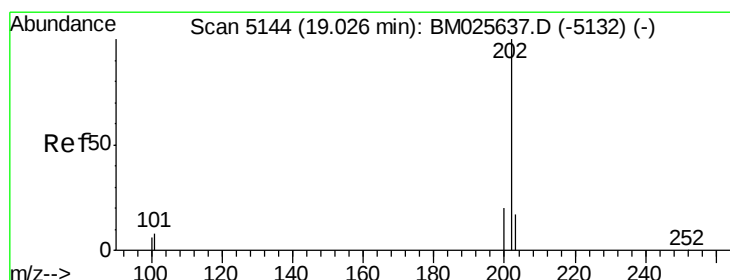
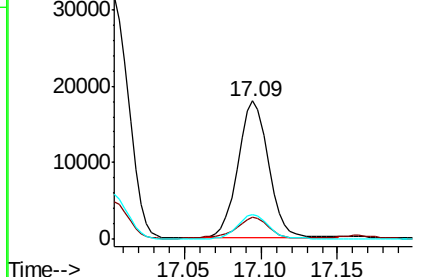
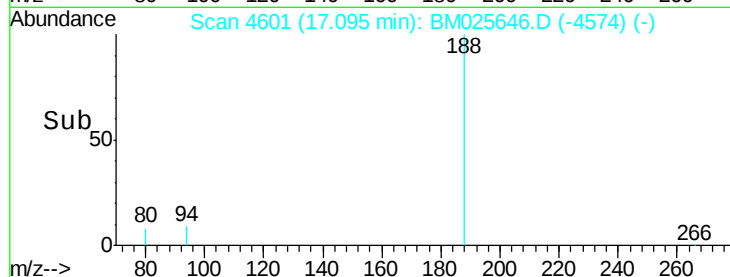


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

Time-->



#15

Fluoranthene

Concen: 2.020 ng/ul

RT: 19.02 min Scan# 5143

Delta R.T. -0.01 min

Lab File: BM025646.D

Acq: 19 Mar 2020 01:58

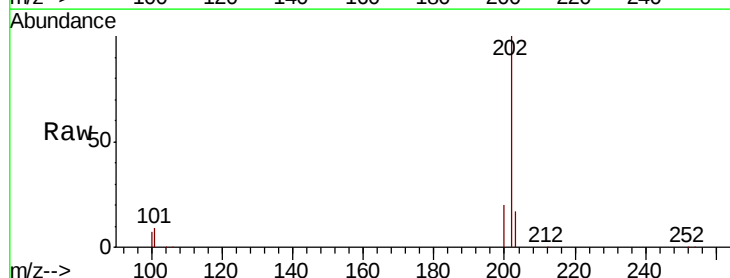
Tgt Ion:202 Resp: 102166

Ion Ratio Lower Upper

202 100

101 8.5 0.0 27.5

100 6.5 0.0 26.0

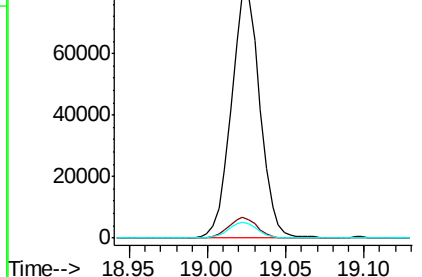
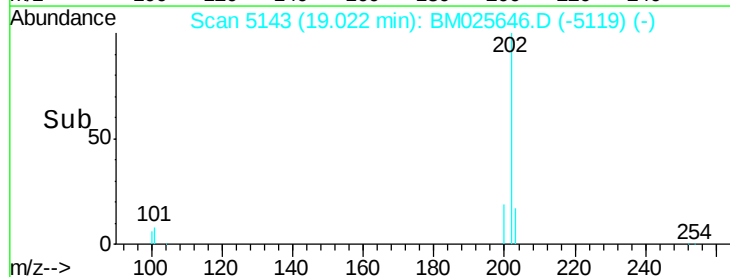


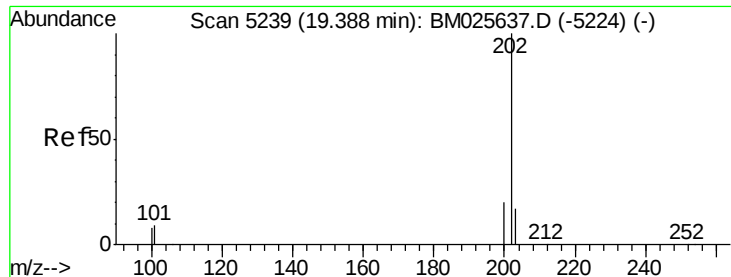
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

Time-->





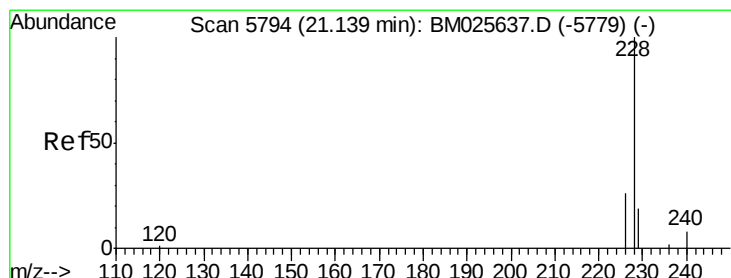
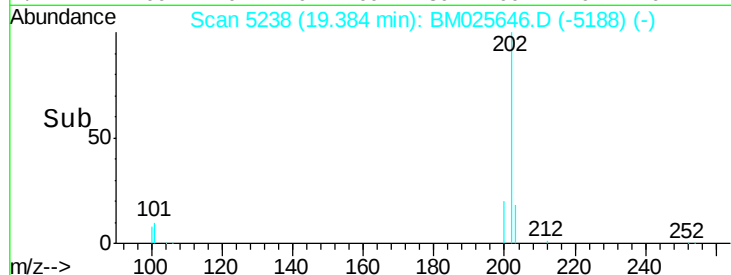
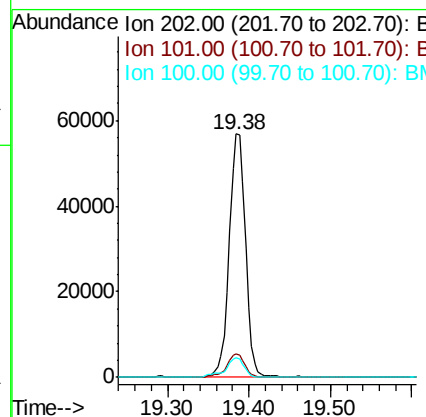
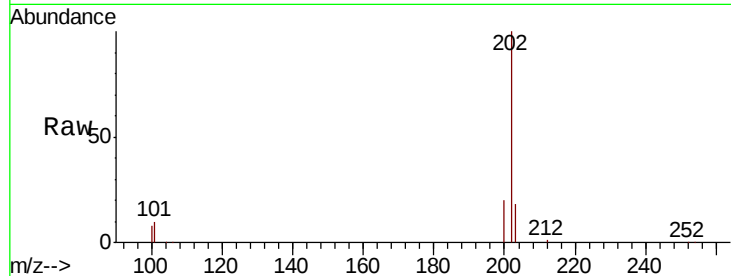
#17
Pvrene
Concen: 1.115 ng/ul
RT: 19.38 min Scan# 5238
Delta R.T. -0.01 min
Lab File: BM025646.D
Acq: 19 Mar 2020 01:58

Instrument :
BNA_M
ClientSampleId :
C0AC8DL

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

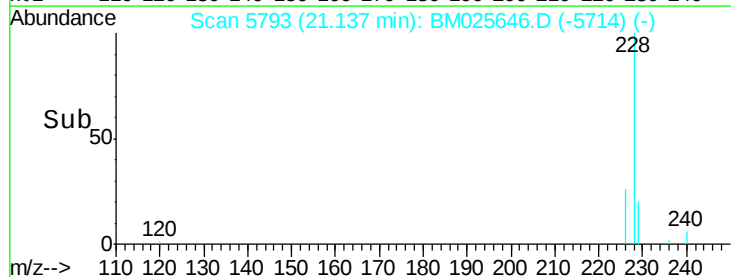
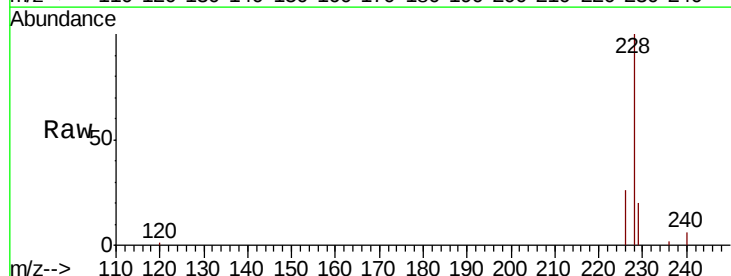
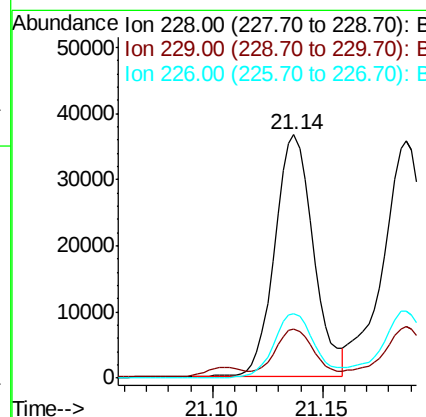
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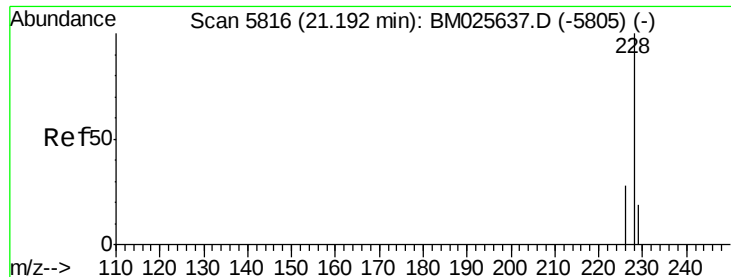
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#18
Benzo(a)anthracene
Concen: 0.799 ng/ul
RT: 21.14 min Scan# 5793
Delta R.T. -0.01 min
Lab File: BM025646.D
Acq: 19 Mar 2020 01:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.3	15.6	23.4
226	26.5	21.1	31.7





#19

Chrysene

Concen: 0.760 ng/ul

RT: 21.19 min Scan# 5814

Delta R.T. -0.01 min

Lab File: BM025646.D

Acq: 19 Mar 2020 01:58

Instrument :

BNA_M

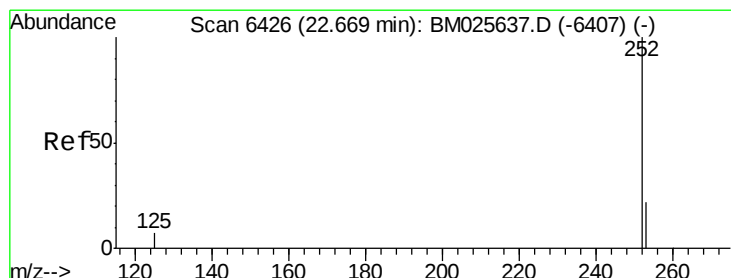
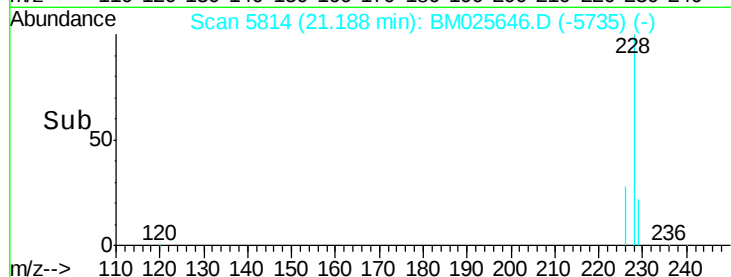
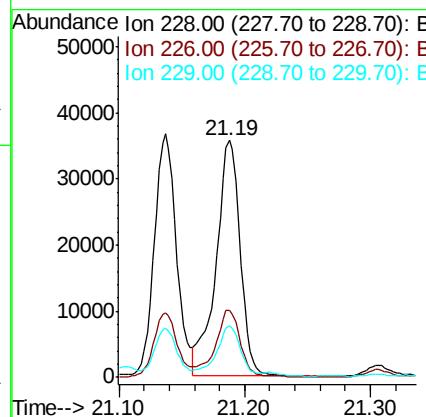
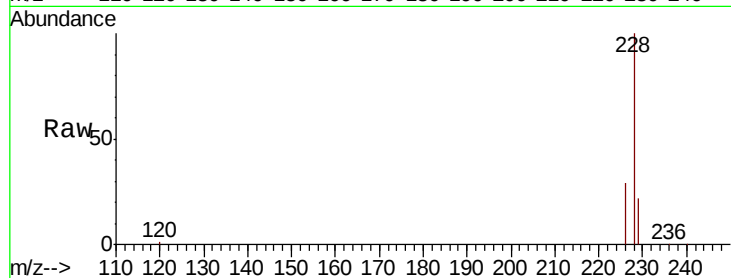
ClientSampleId :

C0AC8DL

Tot Ion:228	Resp:	47745
Ion Ratio	Lower	Upper
228 100		
226 28.5	23.6	35.4
229 22.0	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.724 ng/ul m

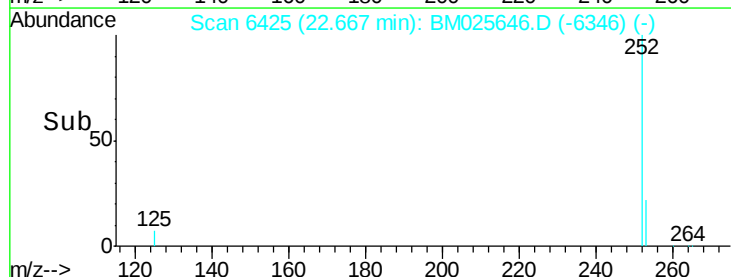
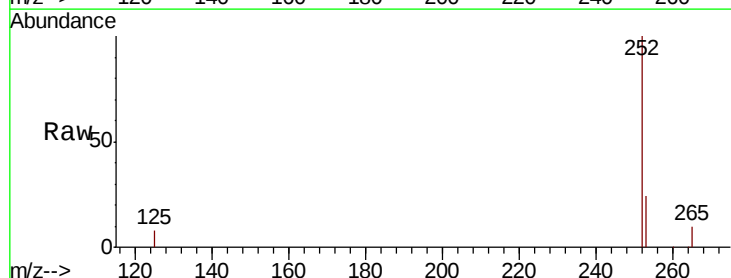
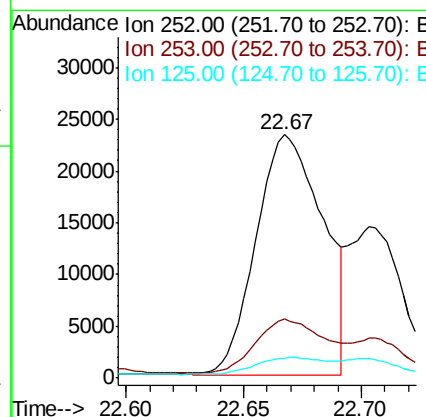
RT: 22.67 min Scan# 6425

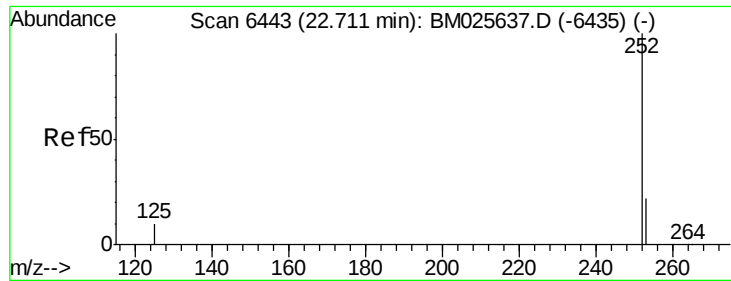
Delta R.T. -0.01 min

Lab File: BM025646.D

Acq: 19 Mar 2020 01:58

Tgt Ion:252	Resp:	46164
Ion Ratio	Lower	Upper
252 100		
253 24.2	0.0	50.2
125 8.2	0.0	17.6





#22

Benzo(k)fluoranthene

Concen: 0.323 ng/ul

RT: 22.70 min Scan# 6440

Delta R.T. -0.01 min

Lab File: BM025646.D

Acq: 19 Mar 2020 01:58

Instrument :

BNA_M

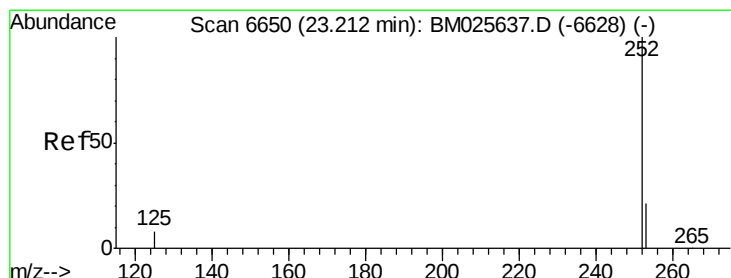
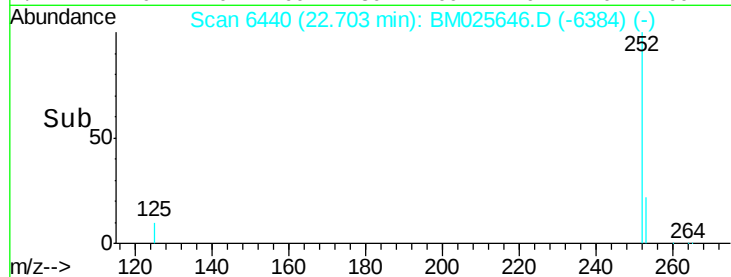
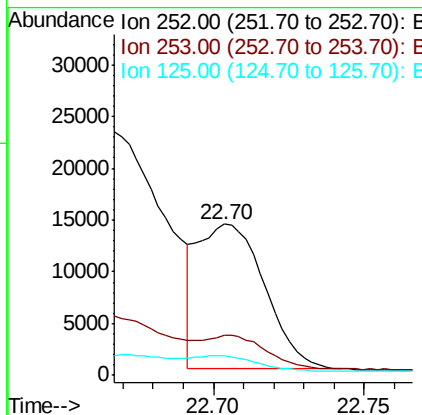
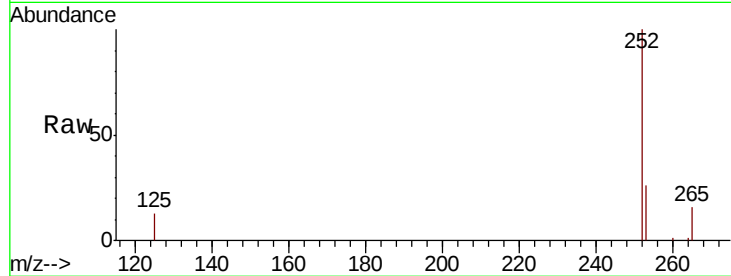
ClientSampleId :

C0AC8DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	19.8	29.8
125	12.7	7.1	10.7

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#23

Benzo(a)pyrene

Concen: 0.533 ng/ul

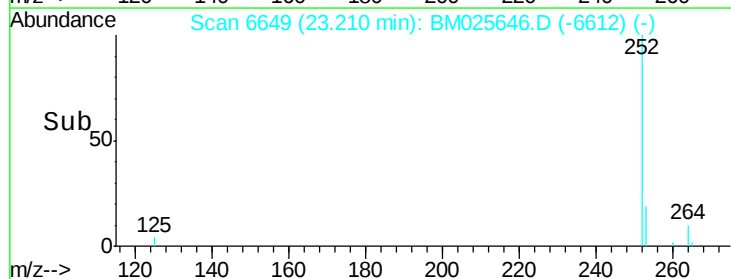
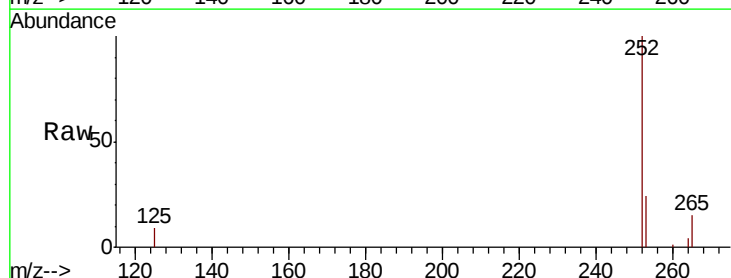
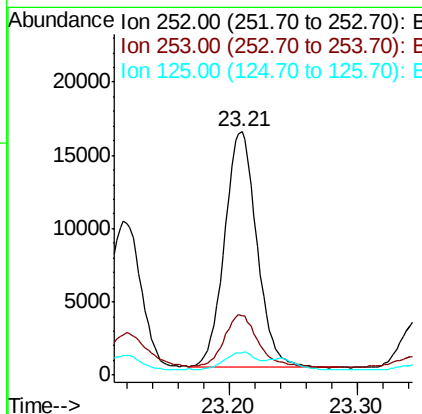
RT: 23.21 min Scan# 6649

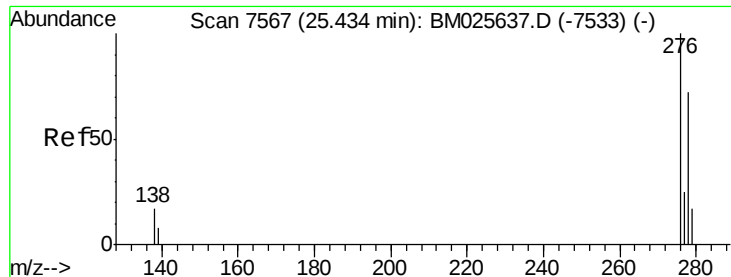
Delta R.T. -0.01 min

Lab File: BM025646.D

Acq: 19 Mar 2020 01:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	21.3	31.9
125	9.2	8.5	12.7





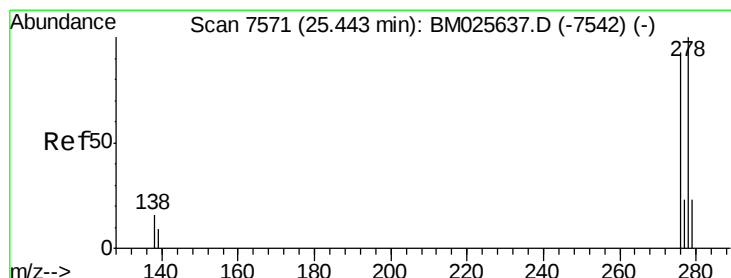
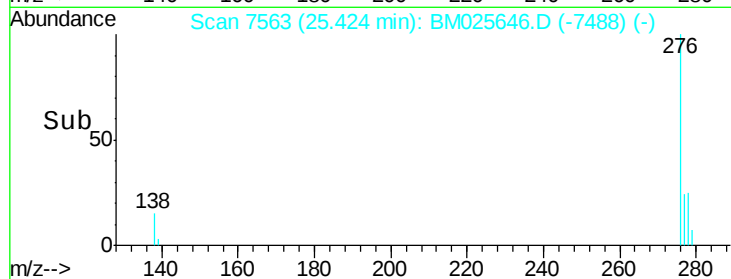
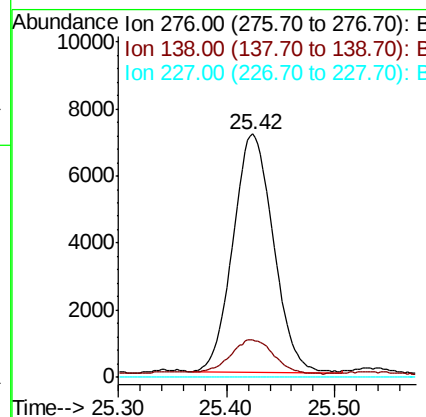
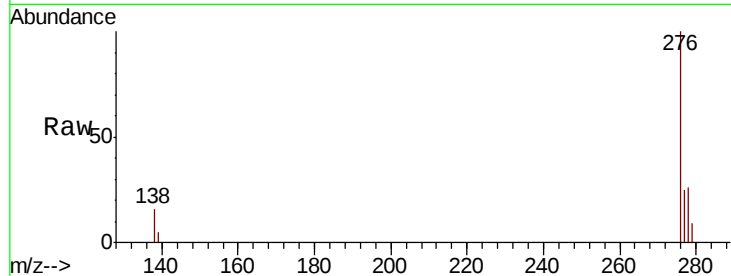
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.257 ng/ul
RT: 25.42 min Scan# 7563
Delta R.T. -0.02 min
Lab File: BM025646.D
Acq: 19 Mar 2020 01:58

Instrument :
BNA_M
ClientSampleID :
C0AC8DL

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

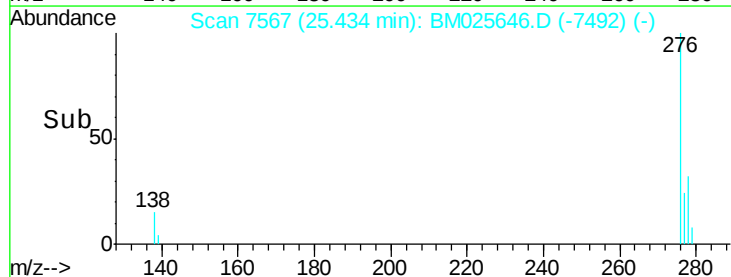
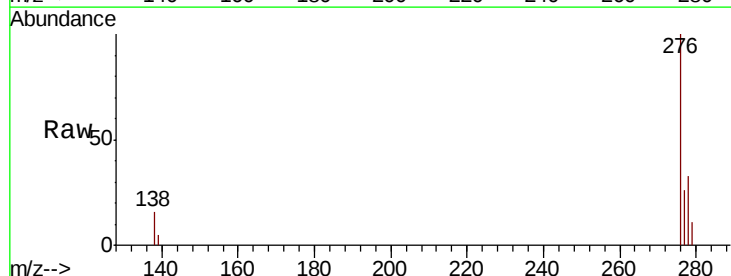
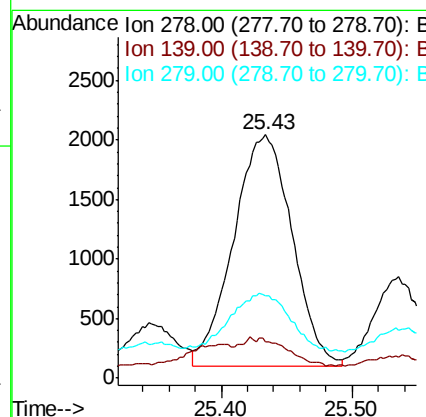
Manual Integrations
APPROVED

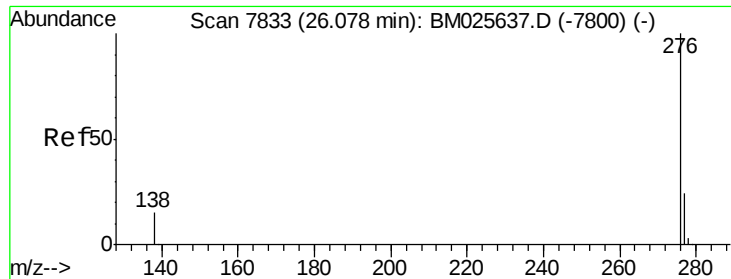
mohammad
3/19/2020 12:44:00 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.100 ng/ul
RT: 25.43 min Scan# 7567
Delta R.T. -0.02 min
Lab File: BM025646.D
Acq: 19 Mar 2020 01:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	9.0	13.6#
279	33.6	21.1	31.7#





#26
 Benzo(a,h,i)perylene
 Concen: 0.189 ng/ul
 RT: 26.07 min Scan# 7831
 Delta R.T. -0.01 min
 Lab File: BM025646.D
 Acq: 19 Mar 2020 01:58

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.5	11.0	16.4#
277	25.9	19.8	29.6

Manual Integrations
 APPROVED

mohammad
 3/19/2020 12:44:00 PM

