

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
 Data File : BM025640.D
 Acq On : 18 Mar 2020 22:22
 Operator : CG/JU
 Sample : L1786-15DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD1DL

Manual Integrations
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mohammad
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Quant Time: Mar 19 00:37:53 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 : Wed Mar 18 05:07:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2581	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	10602	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	6830	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	15911	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	16671	0.40	ng/ul	0.00
20) Perylene-d12	23.30	264	17220	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	1750	0.09	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	4602	0.11	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	1235	0.039	ng/ul#	86
7) Acenaphthylene	13.94	152	1119	0.040	ng/ul#	77
8) Acenaphthene	14.28	153	1285	0.053	ng/ul	99
9) Fluorene	15.27	166	1419	0.048	ng/ul#	97
12) Phenanthrene	17.00	178	20994	0.416	ng/ul	100
13) Anthracene	17.10	178	5429	0.124	ng/ul	96
15) Fluoranthene	19.02	202	53949	0.987	ng/ul	97
17) Pyrene	19.39	202	47949	0.641	ng/ul	98
18) Benzo(a)anthracene	21.14	228	32320	0.542	ng/ul	99
19) Chrysene	21.19	228	31787	0.475	ng/ul	97
21) Benzo(b)fluoranthene	22.67	252	43964m	0.645	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	15627m	0.219	ng/ul	
23) Benzo(a)pyrene	23.21	252	27578	0.487	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.43	276	19432	0.253	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.44	278	6049	0.094	ng/ul#	85
26) Benzo(a,h,i)perylene	26.07	276	13853	0.208	ng/ul	96

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

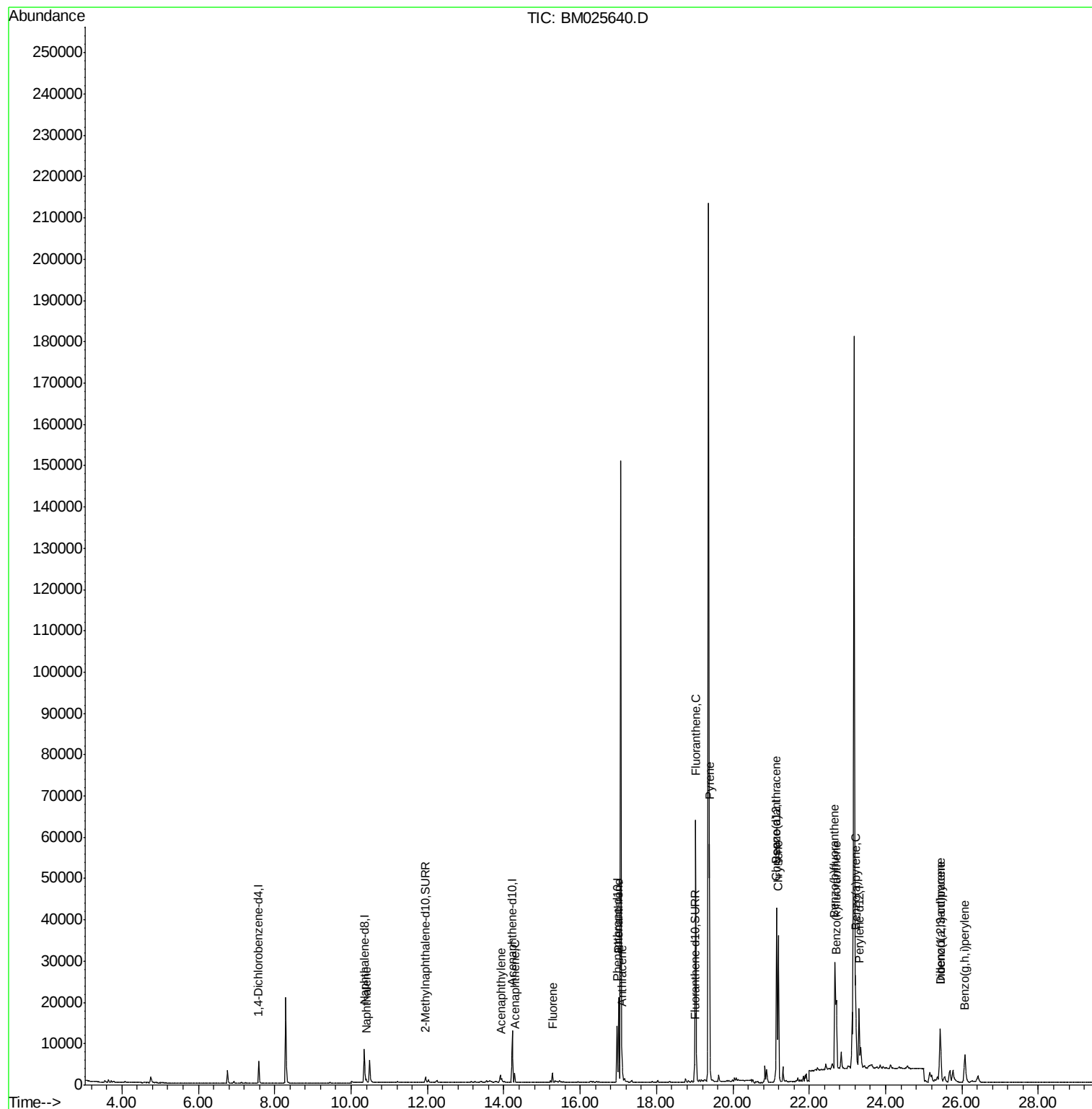
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
Data File : BM025640.D
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ALS Vial : 16 Sample Multiplier: 1

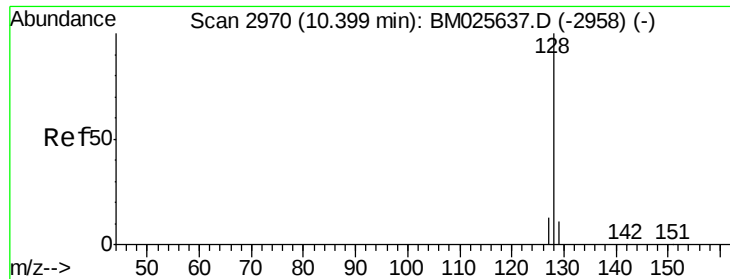
Instrument :
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Quant Time: Mar 19 00:37:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 05:07:34 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.039 ng/ul

RT: 10.40 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BM025640.D

Acq: 18 Mar 2020 22:22

Instrument :

BNA_M

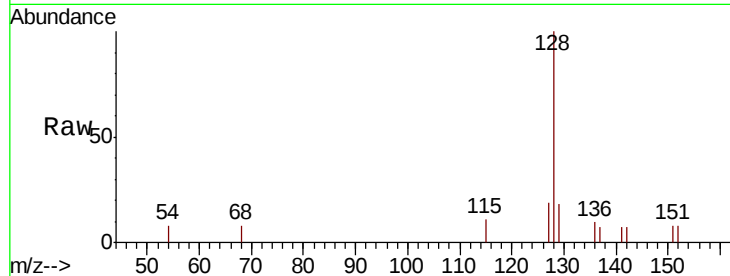
ClientSampleId :

C0AD1DL

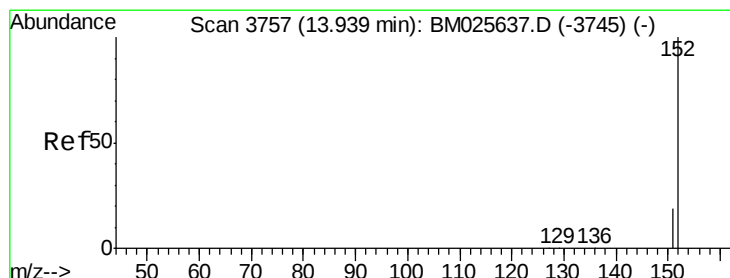
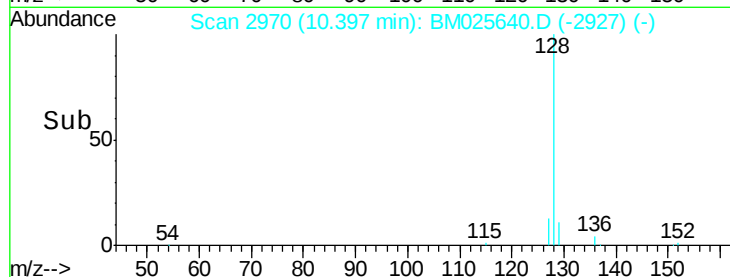
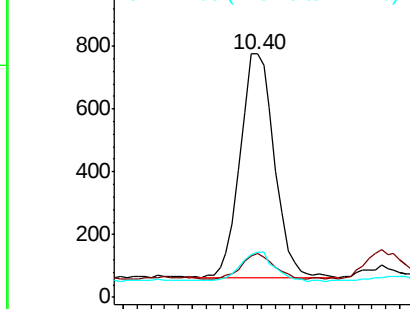
Tot Ion:	128	Resp:	1235
Ion Ratio	Lower	Upper	
128	100		
129	18.2	9.4	14.0#
127	18.6	10.9	16.3#

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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



#7

Acenaphthylene

Concen: 0.040 ng/ul

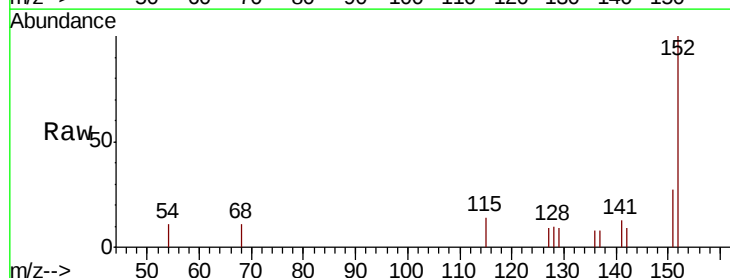
RT: 13.94 min Scan# 3757

Delta R.T. -0.00 min

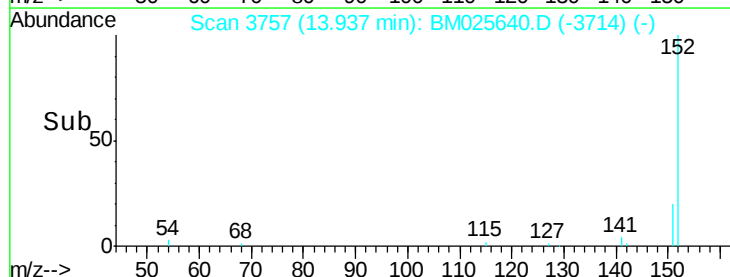
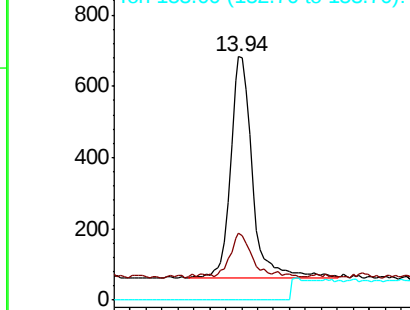
Lab File: BM025640.D

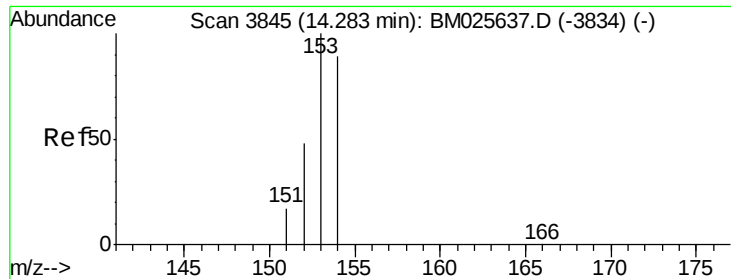
Acq: 18 Mar 2020 22:22

Tgt Ion:	152	Resp:	1119
Ion Ratio	Lower	Upper	
152	100		
151	27.4	16.2	24.2#
153	0.0	10.6	16.0#



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: 0.053 ng/ul

RT: 14.28 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BM025640.D

Acq: 18 Mar 2020 22:22

Instrument :

BNA_M

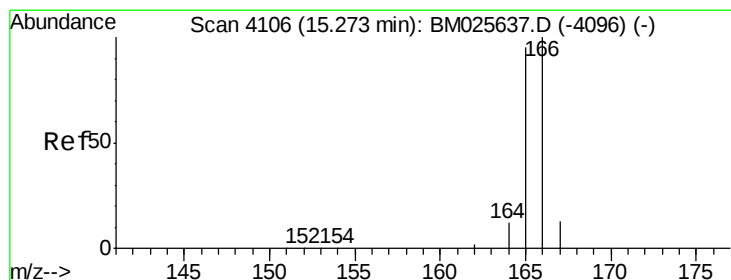
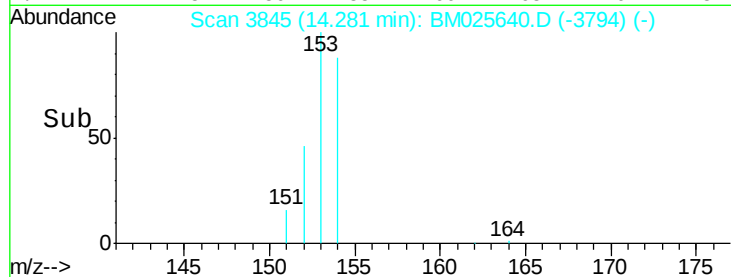
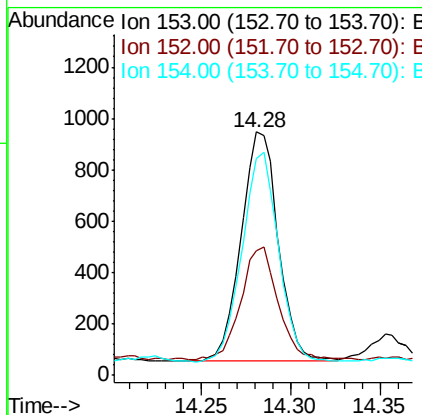
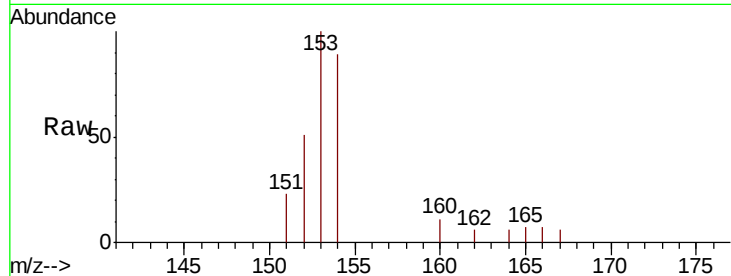
ClientSampleId :

C0AD1DL

Tot Ion:	153	Resp:	1285
Ion	Ratio	Lower	Upper
153	100		
152	50.9	39.5	59.3
154	89.1	71.7	107.5

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#9

Fluorene

Concen: 0.048 ng/ul

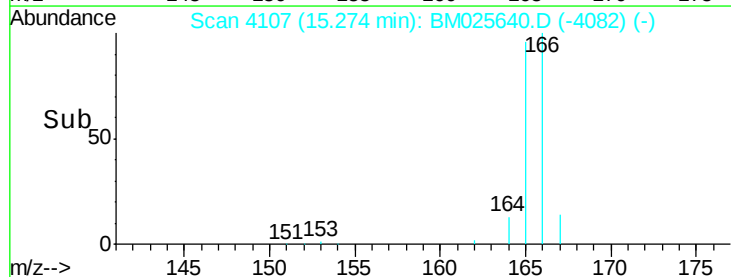
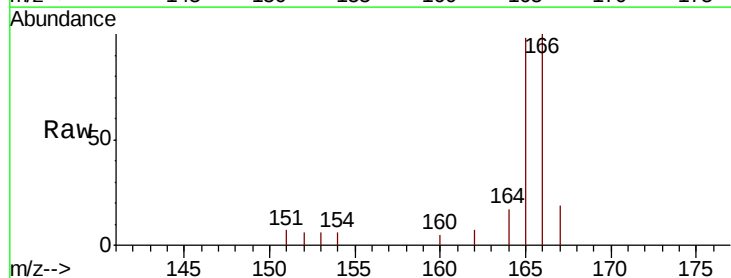
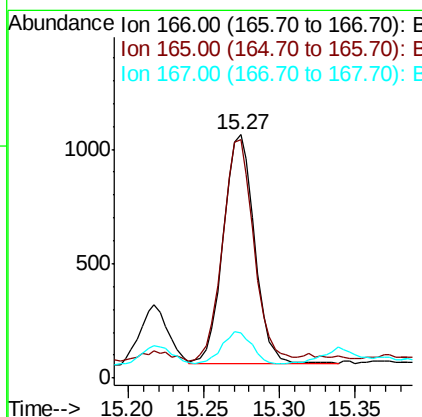
RT: 15.27 min Scan# 4107

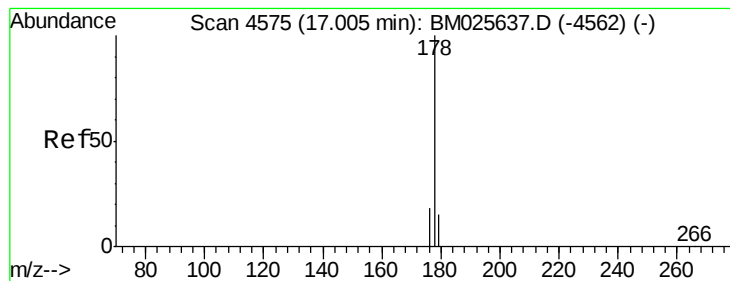
Delta R.T. -0.00 min

Lab File: BM025640.D

Acq: 18 Mar 2020 22:22

Tgt Ion:	166	Resp:	1419
Ion	Ratio	Lower	Upper
166	100		
165	97.9	76.8	115.2
167	18.7	11.2	16.8#





#12

Phenanthrene

Concen: 0.416 ng/ul

RT: 17.00 min Scan# 4575

Delta R.T. -0.01 min

Lab File: BM025640.D

Acq: 18 Mar 2020 22:22

Instrument :

BNA_M

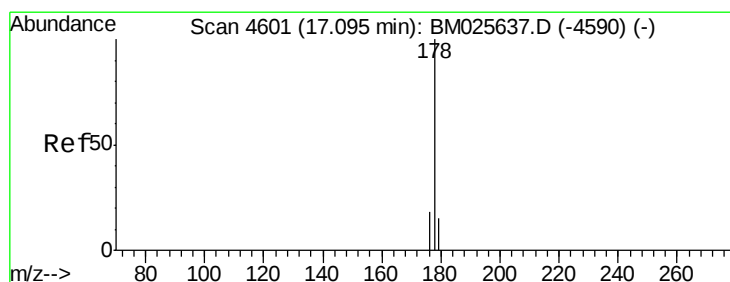
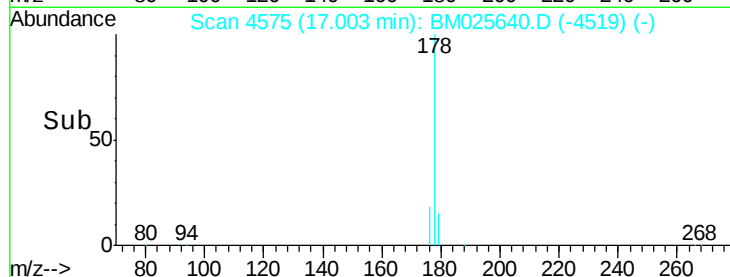
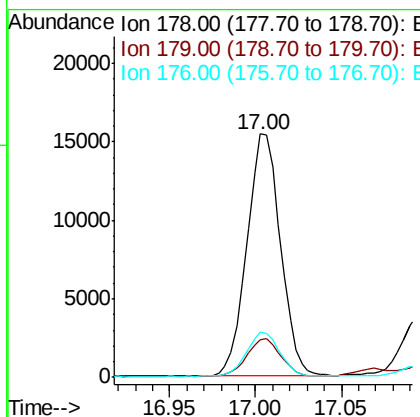
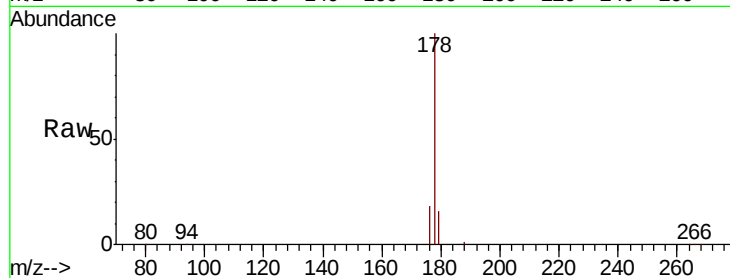
ClientSampleId :

C0AD1DL

Tot Ion:	178	Resp:	20994
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	18.3	14.8	22.2

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#13

Anthracene

Concen: 0.124 ng/ul

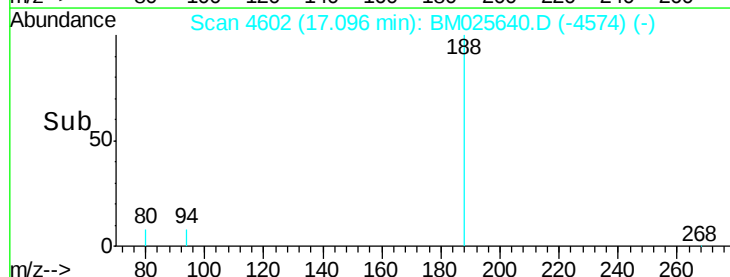
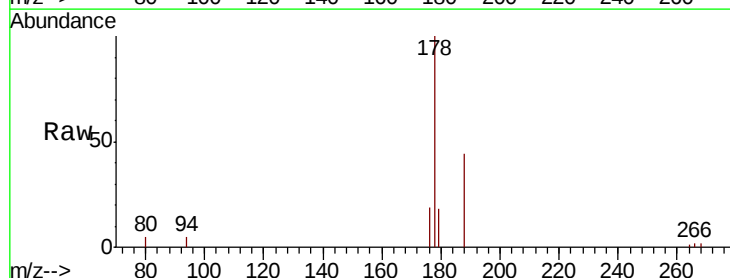
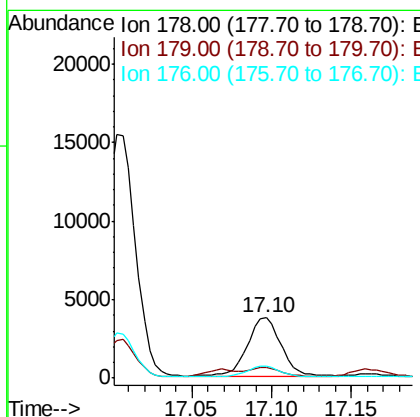
RT: 17.10 min Scan# 4602

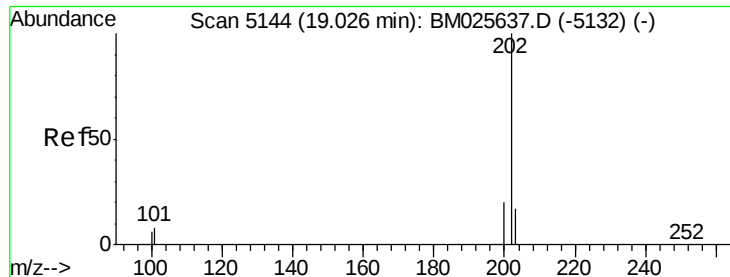
Delta R.T. -0.00 min

Lab File: BM025640.D

Acq: 18 Mar 2020 22:22

Tgt Ion:	178	Resp:	5429
Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.6	18.8
176	19.5	14.5	21.7





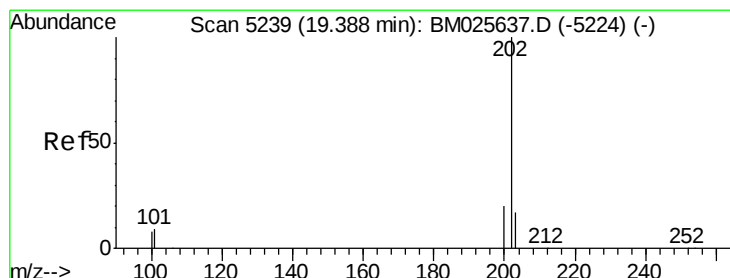
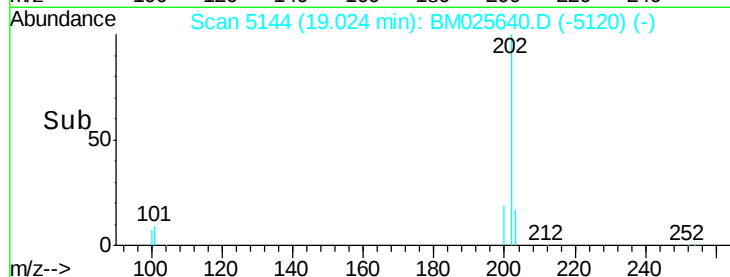
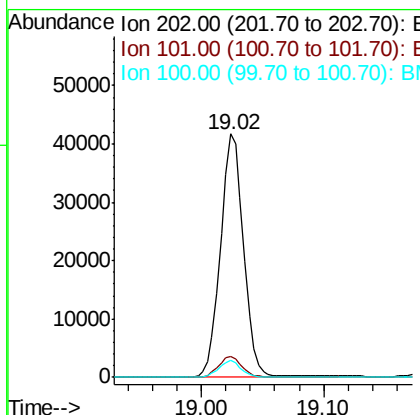
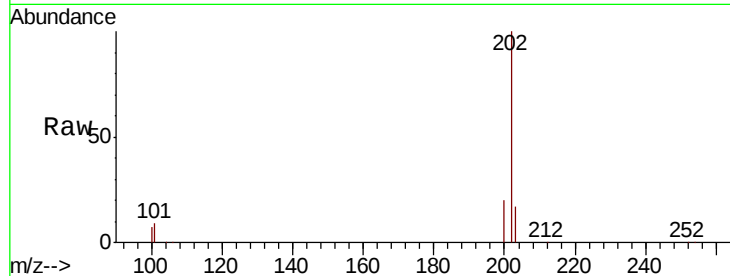
#15
Fluoranthene
Concen: 0.987 ng/ul
RT: 19.02 min Scan# 5144
Delta R.T. -0.01 min
Lab File: BM025640.D
Acq: 18 Mar 2020 22:22

Instrument :
BNA_M
ClientSampleId :
C0AD1DL

Tot Ion:202	Resp:	53949
Ion Ratio	Lower	Upper
202 100		
101 8.7	0.0	27.5
100 6.9	0.0	26.0

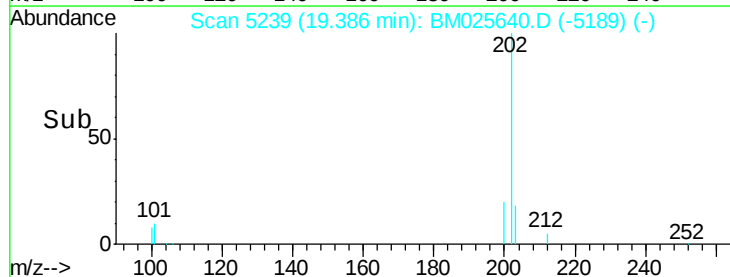
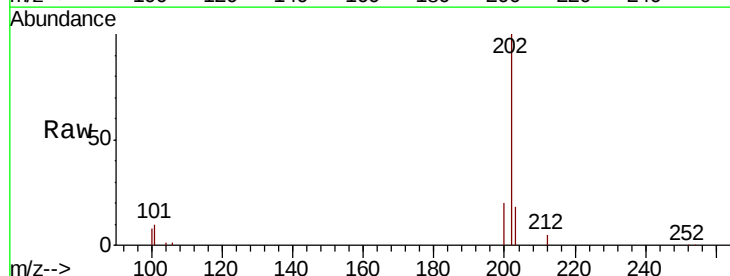
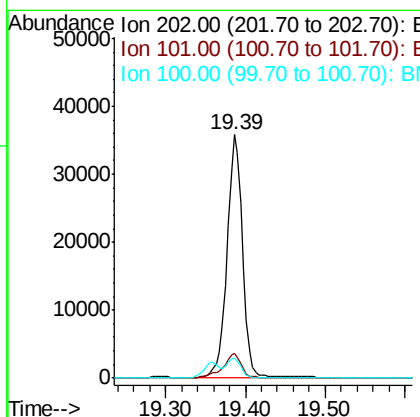
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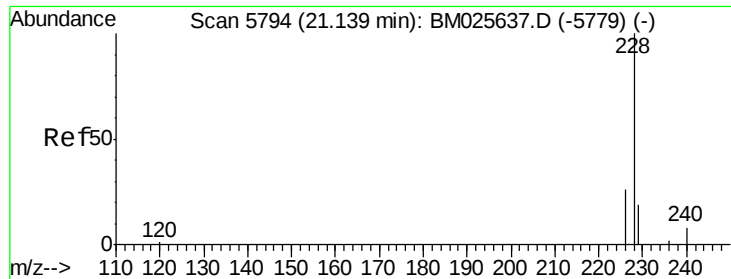
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#17
Pyrene
Concen: 0.641 ng/ul
RT: 19.39 min Scan# 5239
Delta R.T. -0.01 min
Lab File: BM025640.D
Acq: 18 Mar 2020 22:22

Tgt Ion:202	Resp:	47949
Ion Ratio	Lower	Upper
202 100		
101 10.1	7.1	10.7
100 8.0	6.0	9.0





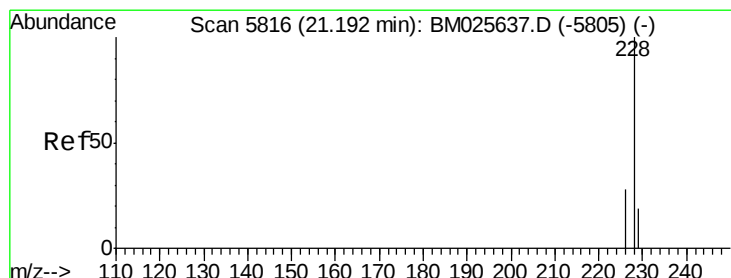
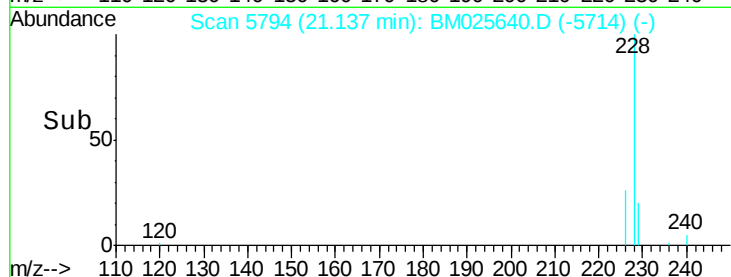
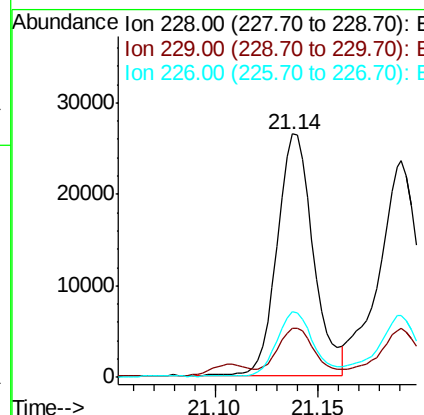
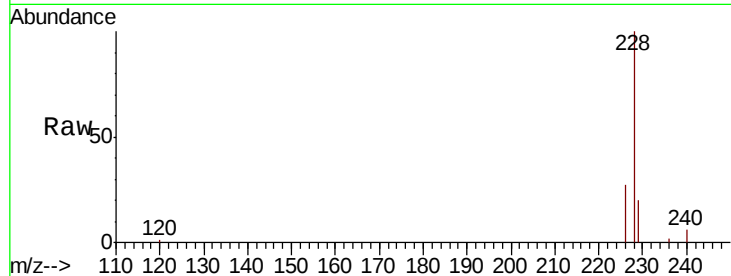
#18
Benzo(a)anthracene
Concen: 0.542 ng/ul
RT: 21.14 min Scan# 5794
Delta R.T. -0.01 min
Lab File: BM025640.D
Acq: 18 Mar 2020 22:22

Instrument :
BNA_M
ClientSampleId :
C0AD1DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.6	23.4
226	26.8	21.1	31.7

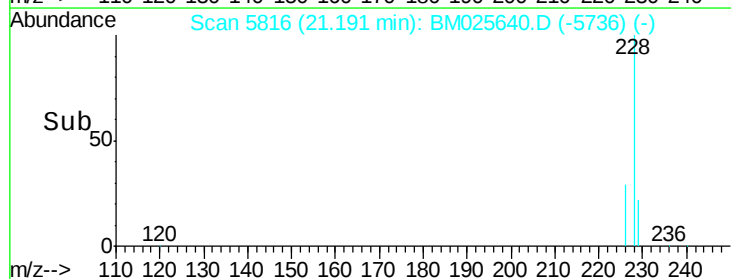
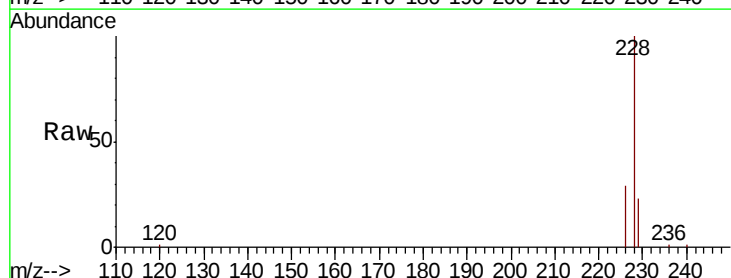
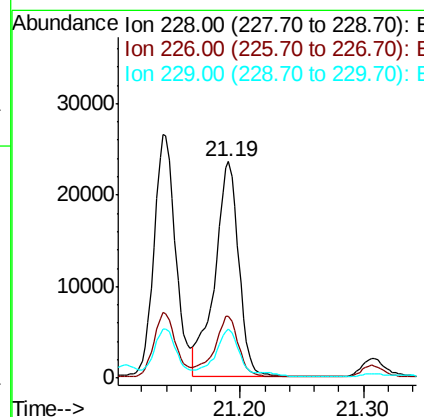
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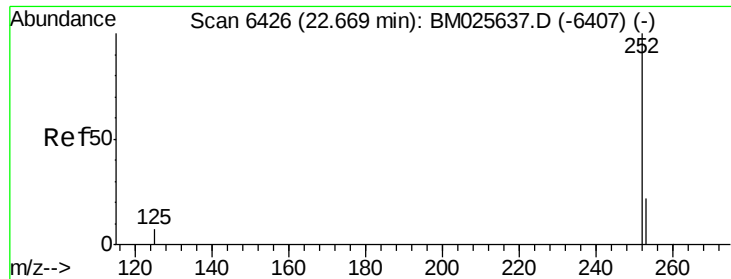
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#19
Chrysene
Concen: 0.475 ng/ul
RT: 21.19 min Scan# 5816
Delta R.T. -0.01 min
Lab File: BM025640.D
Acq: 18 Mar 2020 22:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.6	35.4
229	22.6	16.3	24.5





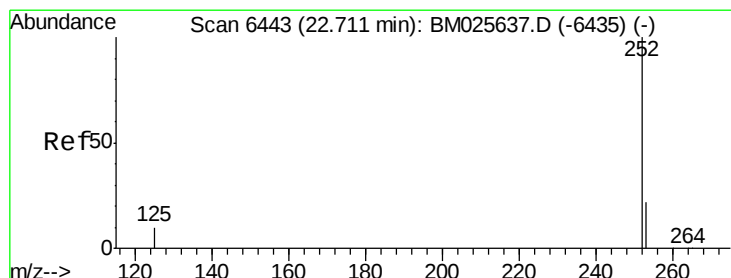
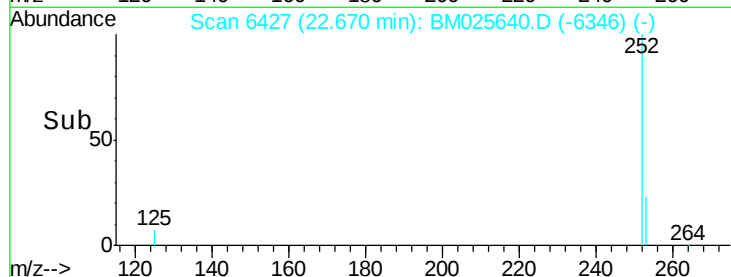
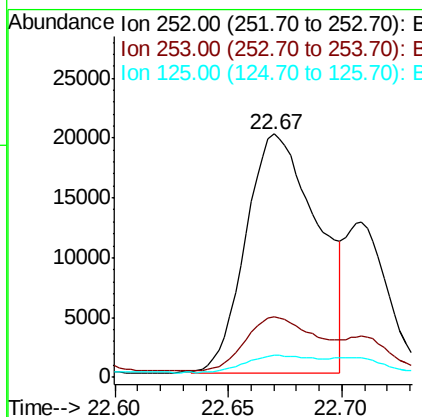
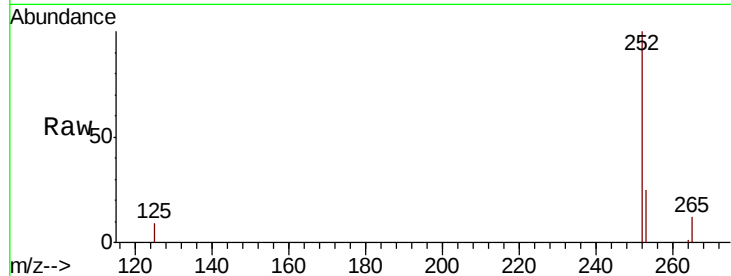
#21
Benzo(b)fluoranthene
Concen: 0.645 ng/ul m
RT: 22.67 min Scan# 6427
Delta R.T. -0.00 min
Lab File: BM025640.D
Acq: 18 Mar 2020 22:22

Instrument :
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C0AD1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	50.2
125	9.0	0.0	17.6

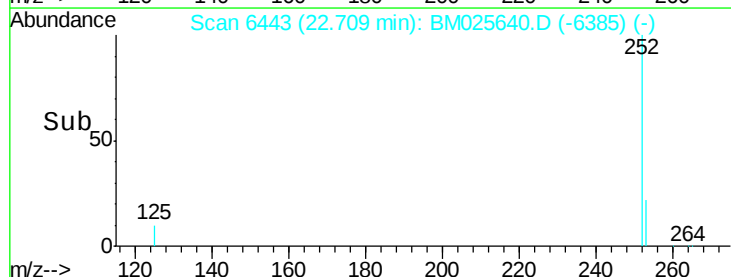
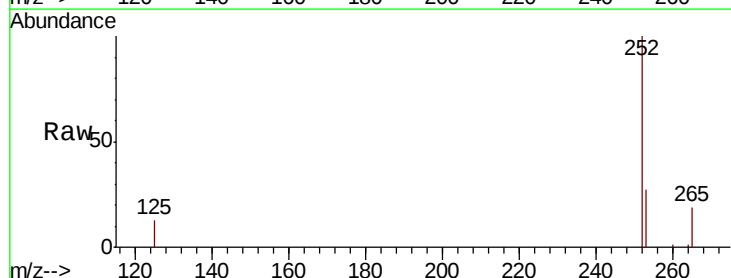
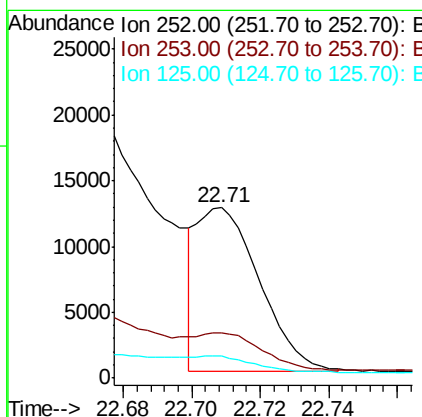
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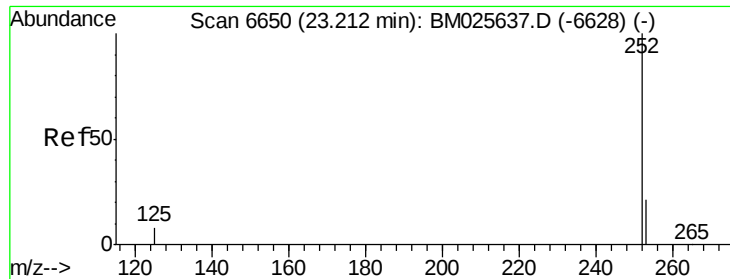
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#22
Benzo(k)fluoranthene
Concen: 0.219 ng/ul m
RT: 22.71 min Scan# 6443
Delta R.T. -0.01 min
Lab File: BM025640.D
Acq: 18 Mar 2020 22:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.8	19.8	29.8
125	12.9	7.1	10.7#





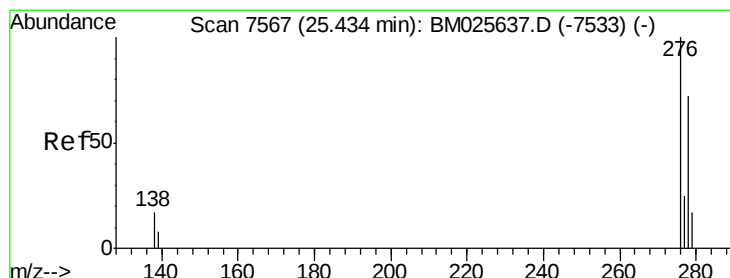
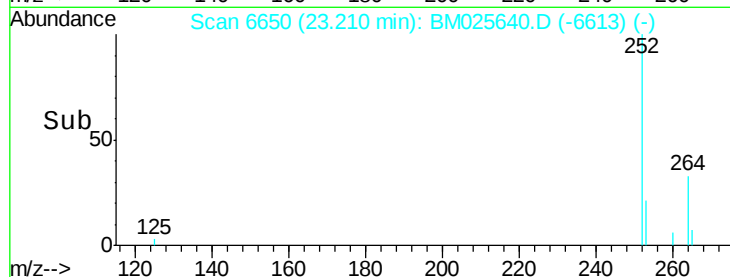
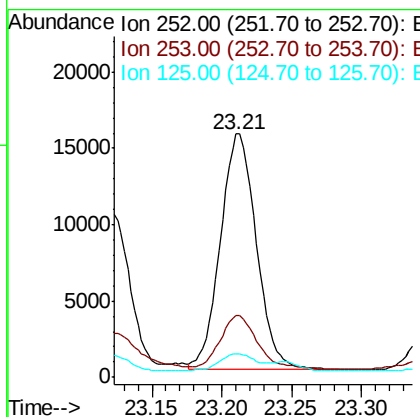
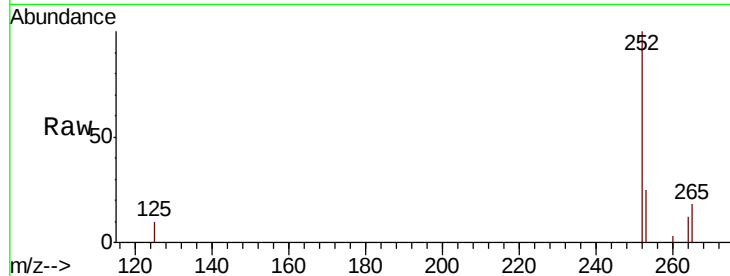
#23
Benzo(a)pyrene
Concen: 0.487 ng/ul
RT: 23.21 min Scan# 6650
Delta R.T. -0.01 min
Lab File: BM025640.D
Acq: 18 Mar 2020 22:22

Instrument :
BNA_M
ClientSampleId :
C0AD1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	21.3	31.9
125	9.8	8.5	12.7

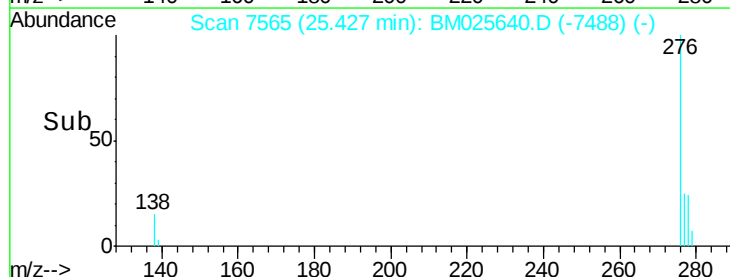
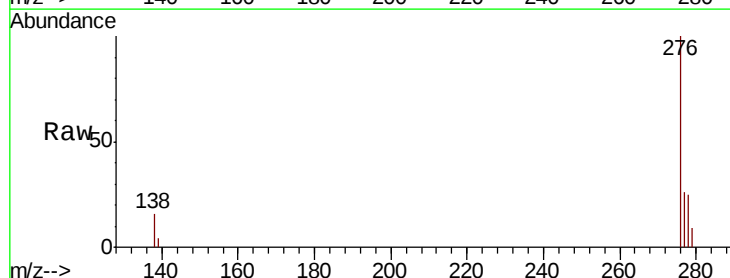
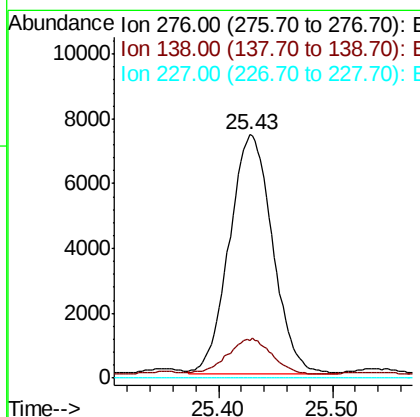
Manual Integrations
APPROVED

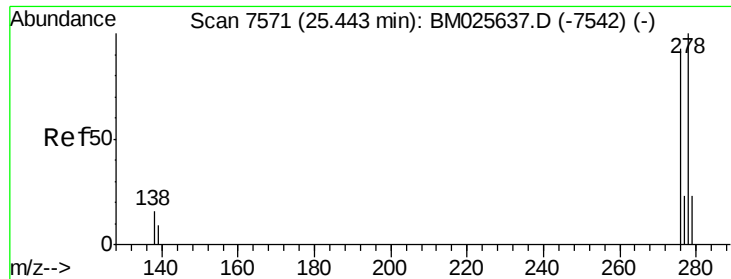
mohammad
3/19/2020 12:43:42 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.253 ng/ul
RT: 25.43 min Scan# 7565
Delta R.T. -0.01 min
Lab File: BM025640.D
Acq: 18 Mar 2020 22:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.2	12.3	18.5
227	0.0	0.0	0.0





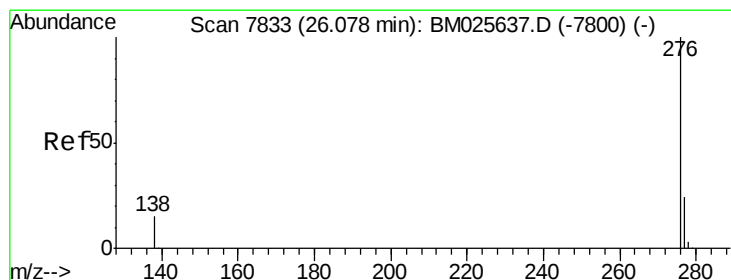
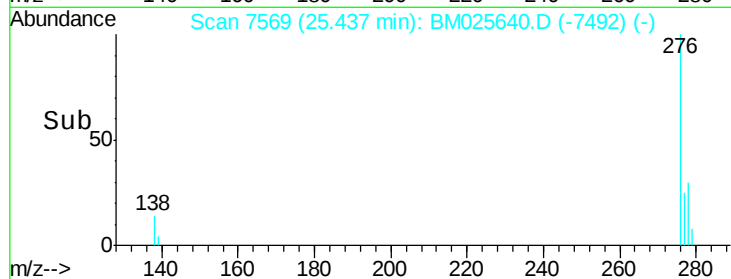
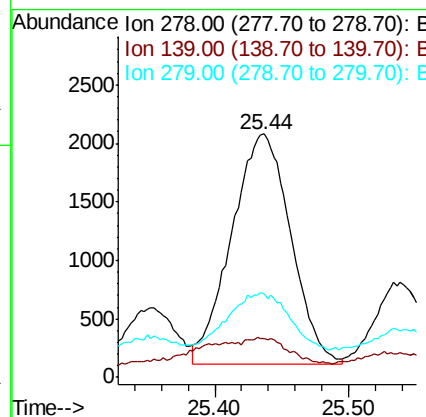
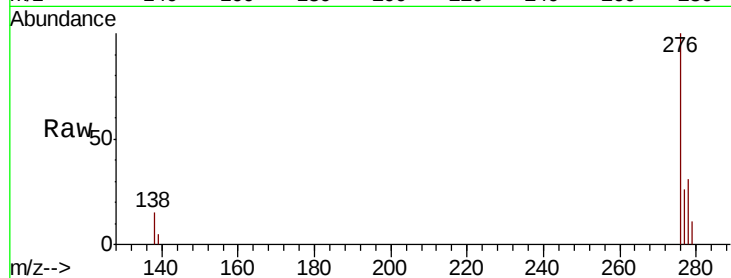
#25
Dibenzo(a,h)anthracene
Concen: 0.094 ng/ul
RT: 25.44 min Scan# 7569
Delta R.T. -0.01 min
Lab File: BM025640.D
Acq: 18 Mar 2020 22:22

Instrument :
BNA_M
ClientSampleId :
C0AD1DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	9.0	13.6#
279	34.5	21.1	31.7#

Manual Integrations
APPROVED

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#26
Benzo(g,h,i)perylene
Concen: 0.208 ng/ul
RT: 26.07 min Scan# 7832
Delta R.T. -0.01 min
Lab File: BM025640.D
Acq: 18 Mar 2020 22:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.3	11.0	16.4
277	25.9	19.8	29.6

