

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
 Data File : BM022038.D
 Acq On : 12 Aug 2019 18:56
 Operator : HP/JU
 Sample : K4116-16DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLE8DL

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:47:36 AM

Quant Time: Aug 13 07:57:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 05:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	639	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	2584	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.27	164	1336	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	2872	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	2849	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	3213	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	235	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	567	0.06	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	155	0.021	ng/ul#	18
7) Acenaphthylene	14.00	152	153	0.025	ng/ul#	48
8) Acenaphthene	14.33	153	239	0.047	ng/ul	93
9) Fluorene	15.33	166	161	0.028	ng/ul#	88
12) Phenanthrene	17.07	178	4404	0.527	ng/ul	99
13) Anthracene	17.16	178	1188	0.167	ng/ul#	87
15) Fluoranthene	19.09	202	8294	0.741	ng/ul	99
17) Pyrene	19.45	202	9137	0.780	ng/ul	98
18) Benzo(a)anthracene	21.21	228	5027	0.493	ng/ul	96
19) Chrysene	21.27	228	4954	0.378	ng/ul	95
21) Benzo(b)fluoranthene	22.77	252	6684m	0.617	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	3025m	0.247	ng/ul	
23) Benzo(a)pyrene	23.34	252	6458	0.586	ng/ul	90
24) Indeno(1,2,3-cd)pyrene	25.65	276	4560	0.347	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.65	278	844	0.079	ng/ul#	40
26) Benzo(a,h,i)perylene	26.33	276	4957	0.419	ng/ul	96

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

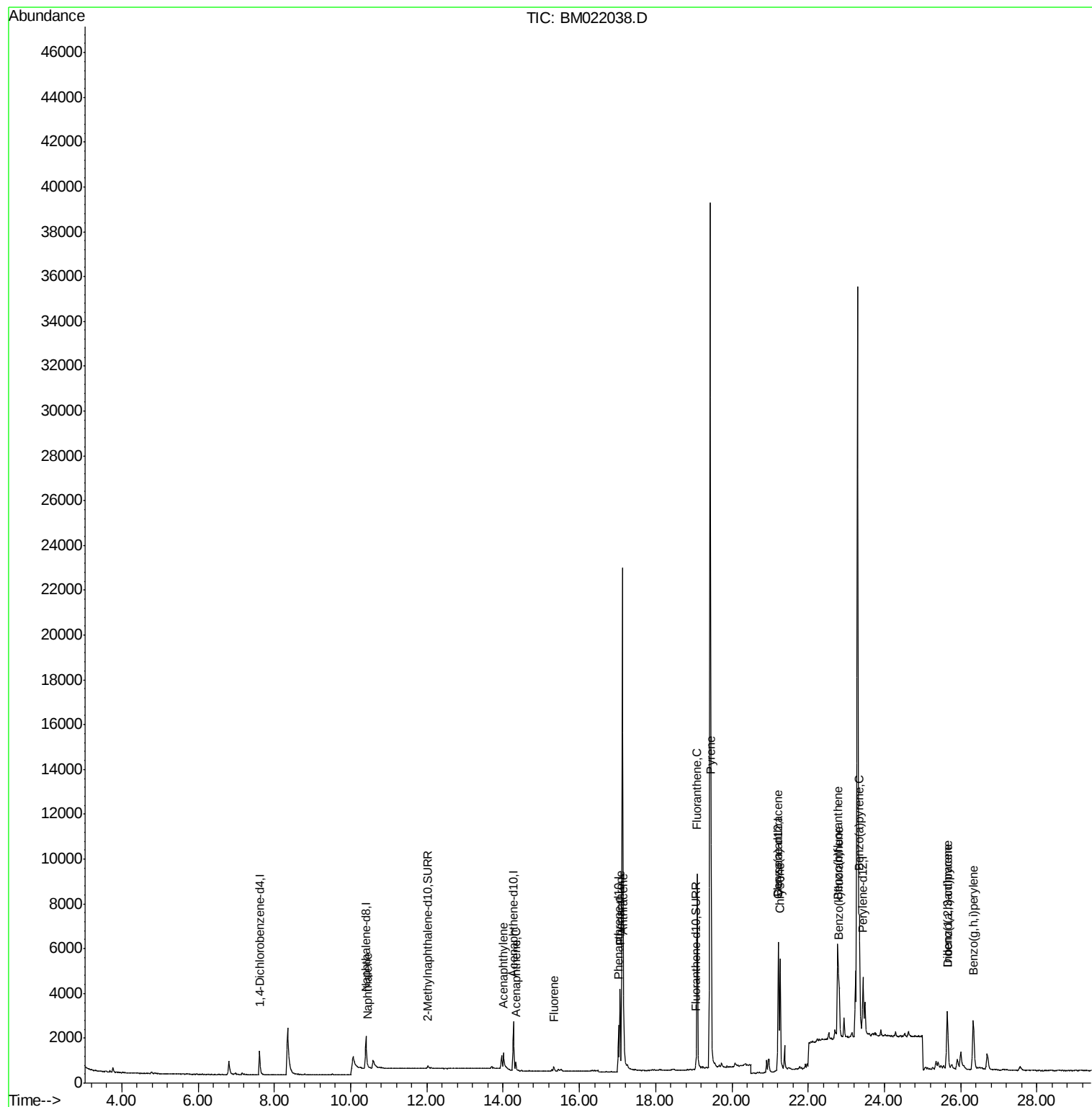
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
Data File : BM022038.D
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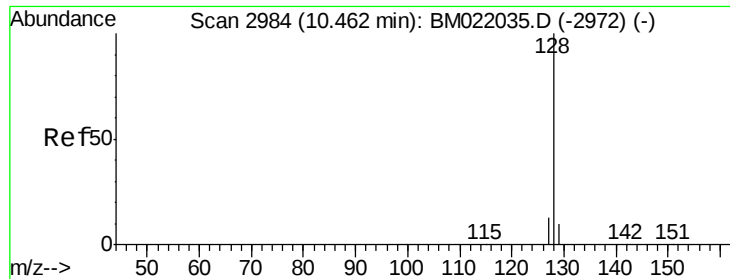
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Tue Aug 13 05:22:05 2019
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#3

Naphthalene

Concen: 0.021 ng/ul

RT: 10.45 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BM022038.D

Acq: 12 Aug 2019 18:56

Instrument :

BNA_M

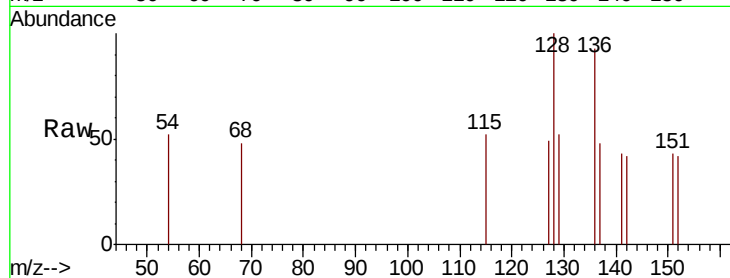
ClientSampleID :

JLLE8DL

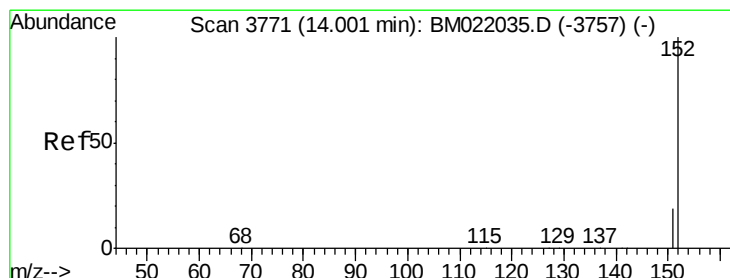
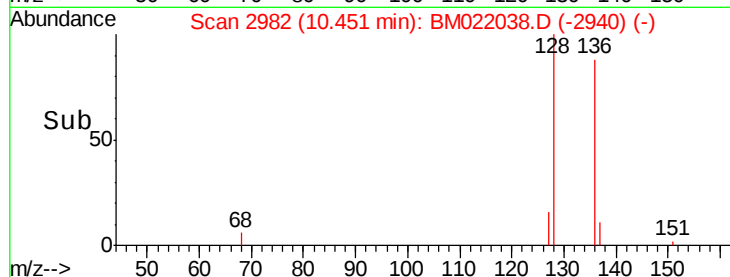
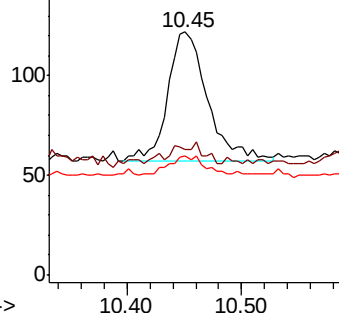
Tot Ion:	128	Resp:	155
Ion	Ratio	Lower	Upper
128	100		
129	51.6	12.3	18.5#
127	49.2	13.0	19.6#

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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: 0.025 ng/ul

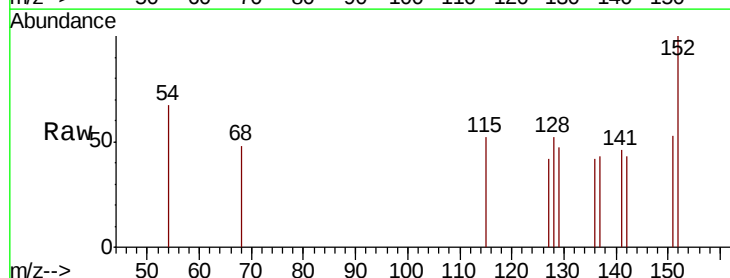
RT: 14.00 min Scan# 3770

Delta R.T. -0.01 min

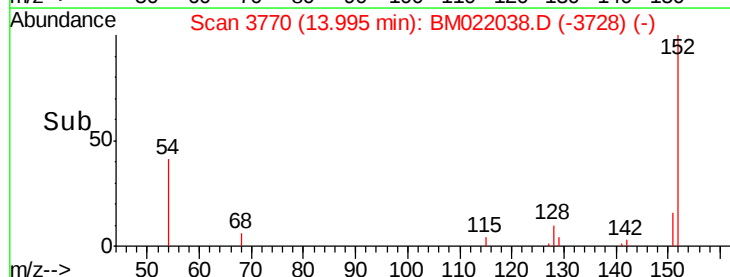
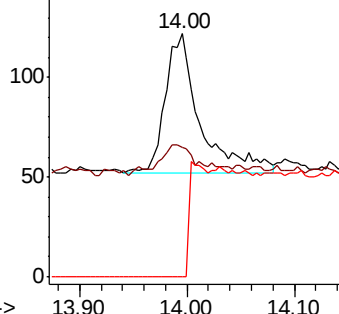
Lab File: BM022038.D

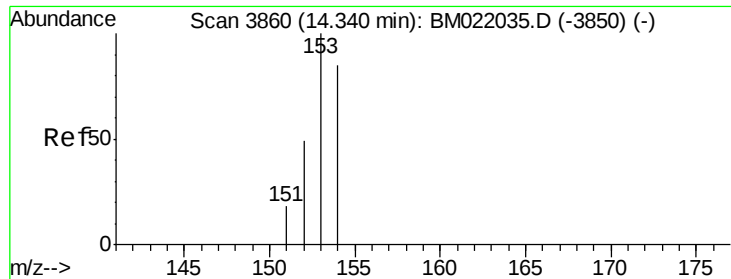
Acq: 12 Aug 2019 18:56

Tgt Ion:	152	Resp:	153
Ion	Ratio	Lower	Upper
152	100		
151	53.3	18.3	27.5#
153	0.0	12.8	19.2#



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: 0.047 ng/ul

RT: 14.33 min Scan# 3858

Delta R.T. -0.01 min

Lab File: BM022038.D

Acq: 12 Aug 2019 18:56

Instrument :

BNA_M

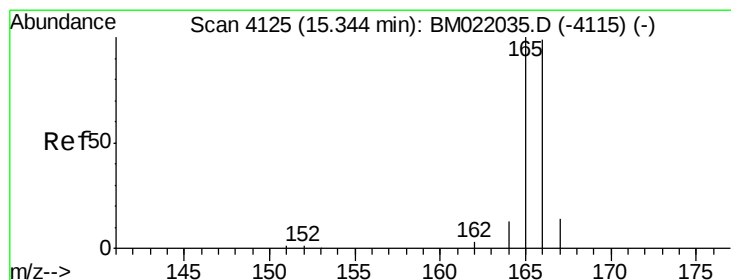
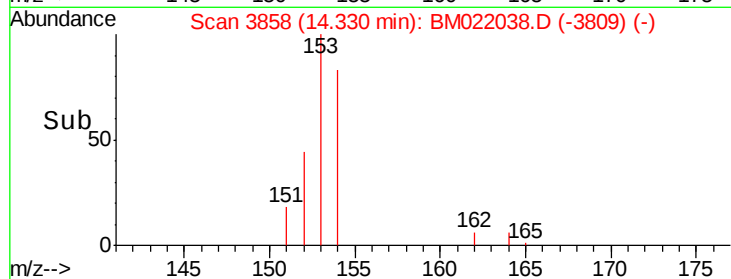
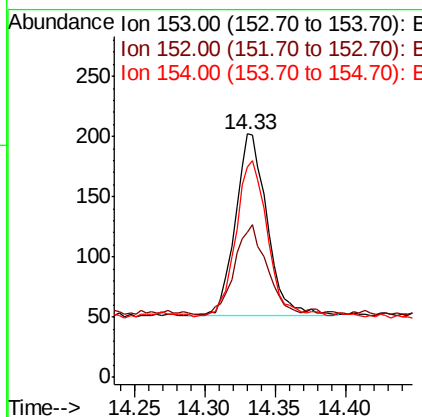
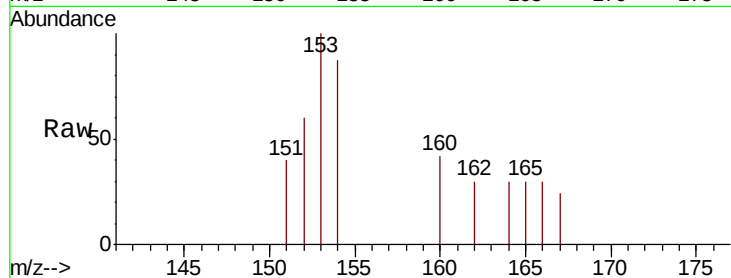
ClientSampled :

JLLE8DL

Tot Ion:	153	Resp:	239
Ion	Ratio	Lower	Upper
153	100		
152	59.9	41.3	61.9
154	86.6	72.3	108.5

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#9

Fluorene

Concen: 0.028 ng/ul

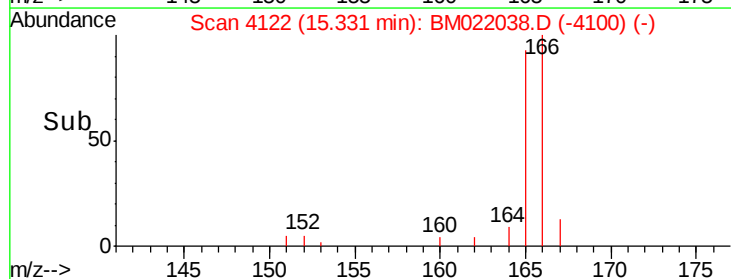
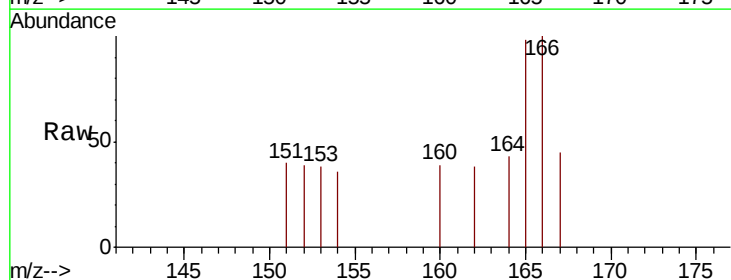
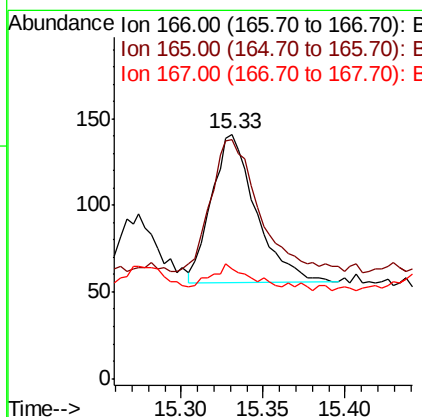
RT: 15.33 min Scan# 4122

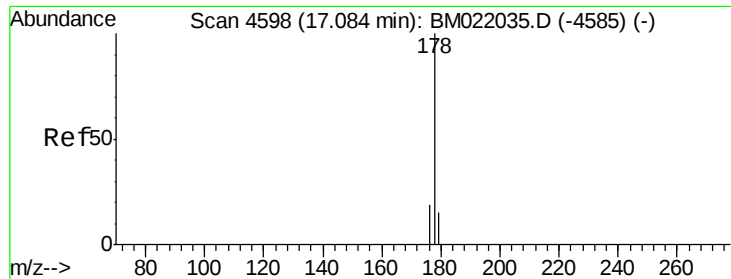
Delta R.T. -0.01 min

Lab File: BM022038.D

Acq: 12 Aug 2019 18:56

Tgt Ion:	166	Resp:	161
Ion	Ratio	Lower	Upper
166	100		
165	97.9	81.4	122.0
167	44.7	13.7	20.5





#12

Phenanthrene

Concen: 0.527 ng/ul

RT: 17.07 min Scan# 4593

Delta R.T. -0.02 min

Lab File: BM022038.D

Acq: 12 Aug 2019 18:56

Instrument :

BNA_M

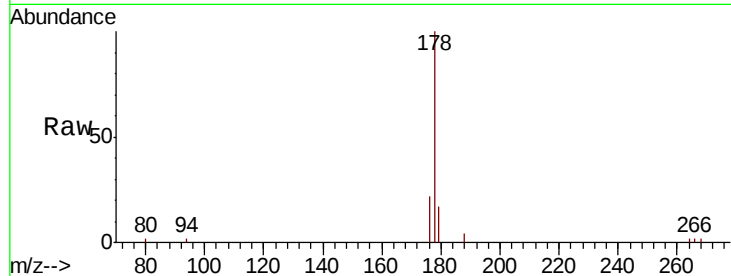
ClientSampleId :

JLLE8DL

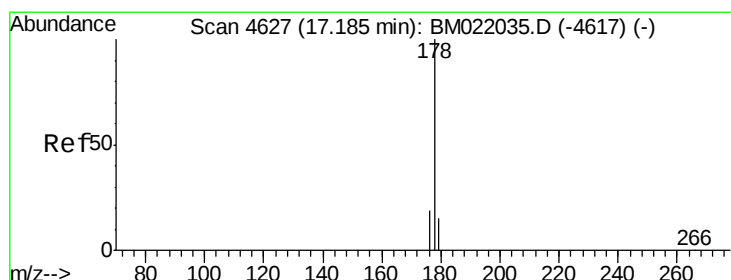
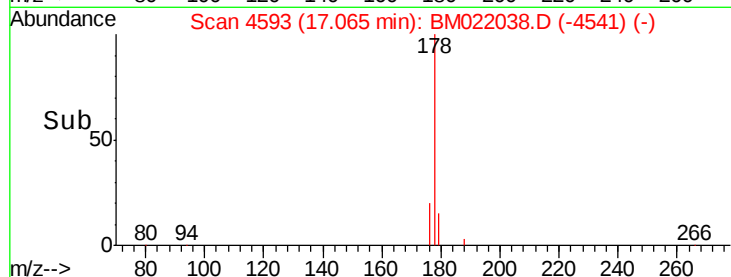
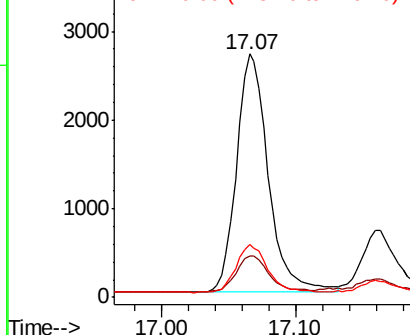
Tot Ion:	178	Resp:	4404
Ion	Ratio	Lower	Upper
178	100		
179	17.0	14.2	21.2
176	21.5	16.8	25.2

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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



#13

Anthracene

Concen: 0.167 ng/ul

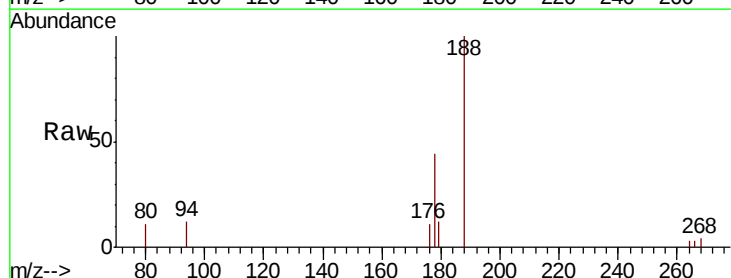
RT: 17.16 min Scan# 4620

Delta R.T. -0.02 min

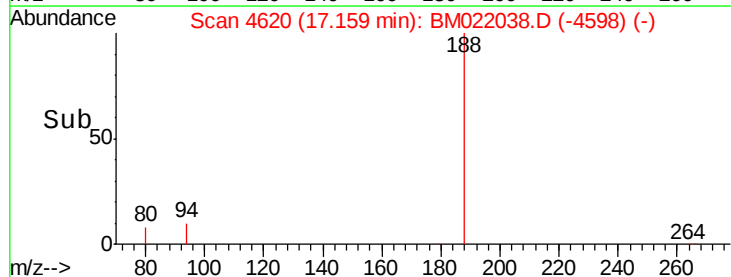
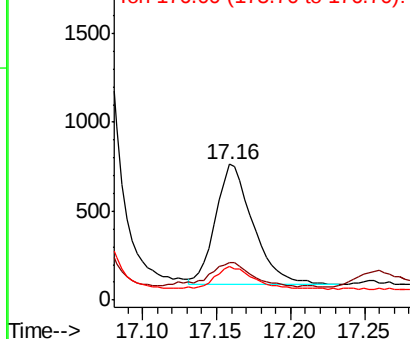
Lab File: BM022038.D

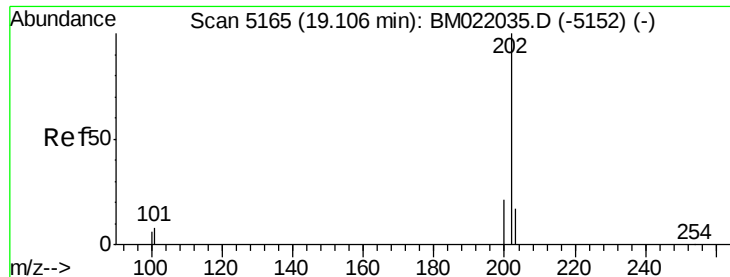
Acq: 12 Aug 2019 18:56

Tgt Ion:	178	Resp:	1188
Ion	Ratio	Lower	Upper
178	100		
179	27.5	15.5	23.3#
176	25.0	16.6	25.0#



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





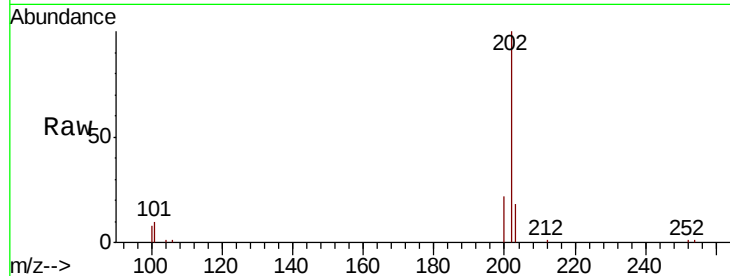
#15
Fluoranthene
 Concen: 0.741 ng/ul
 RT: 19.09 min Scan# 5161
 Delta R.T. -0.02 min
 Lab File: BM022038.D
 Acq: 12 Aug 2019 18:56

Instrument :
 BNA_M
 ClientSampleId :
 JLLE8DL

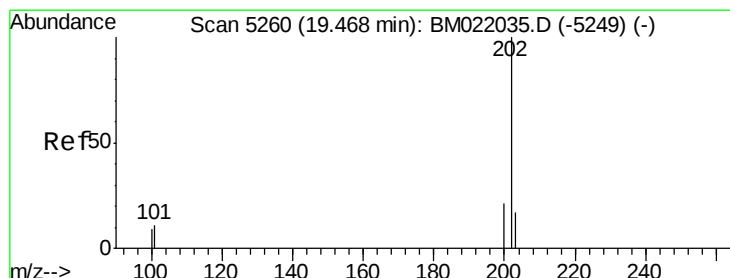
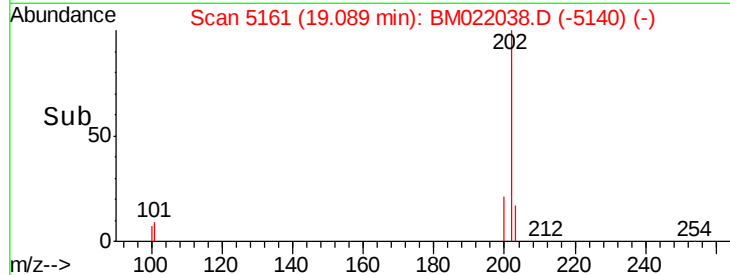
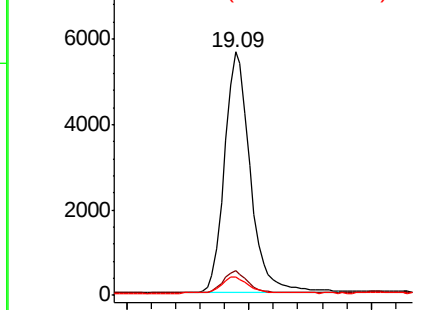
Tot Ion:	202	Resp:	8294
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	30.2
100	7.7	0.0	28.1

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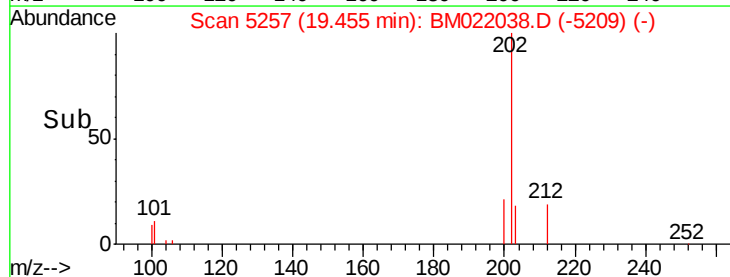
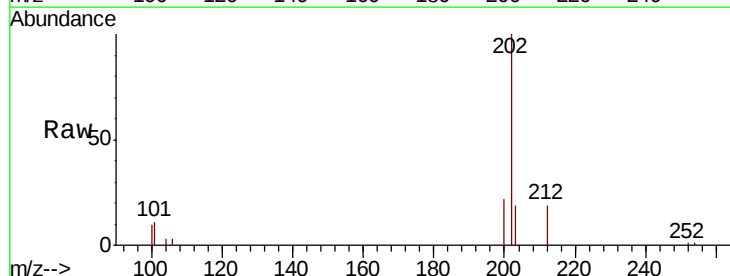
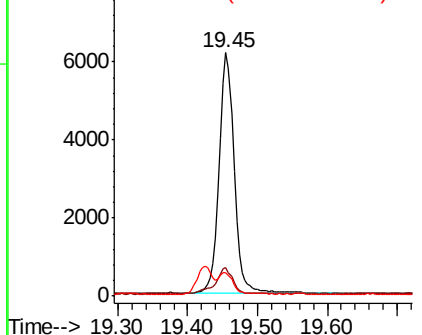
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

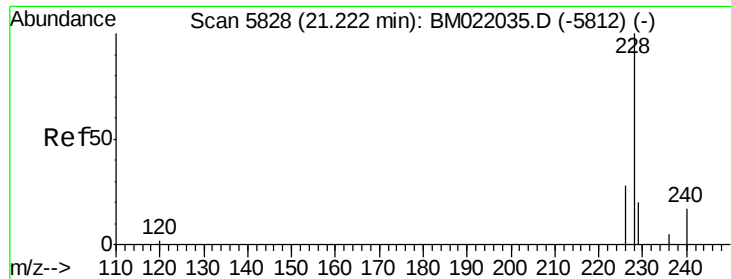


#17
Pyrene
 Concen: 0.780 ng/ul
 RT: 19.45 min Scan# 5257
 Delta R.T. -0.02 min
 Lab File: BM022038.D
 Acq: 12 Aug 2019 18:56

Tgt Ion:	202	Resp:	9137
Ion Ratio	Lower	Upper	
202	100		
101	11.5	8.3	12.5
100	9.7	7.2	10.8

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





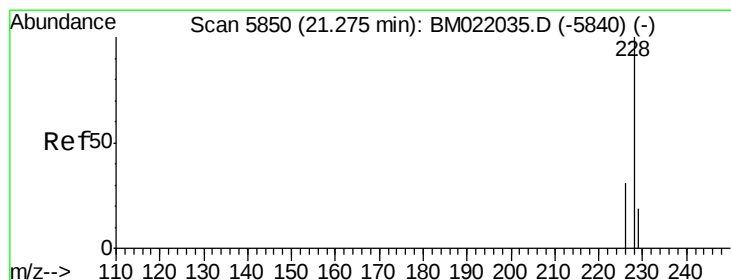
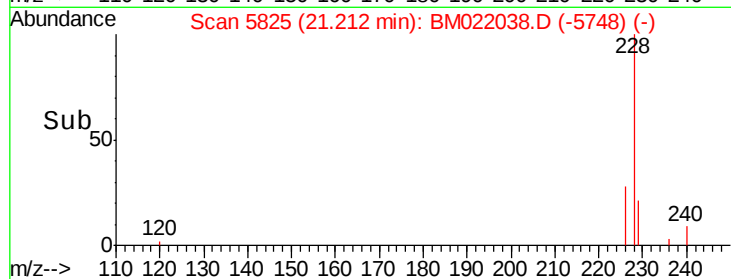
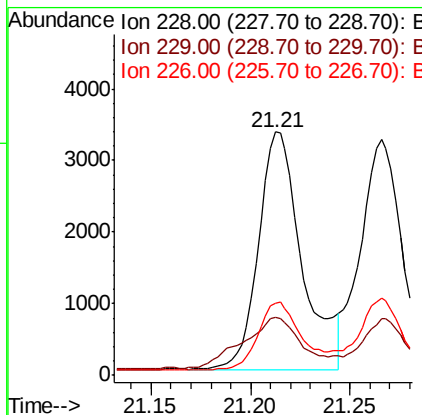
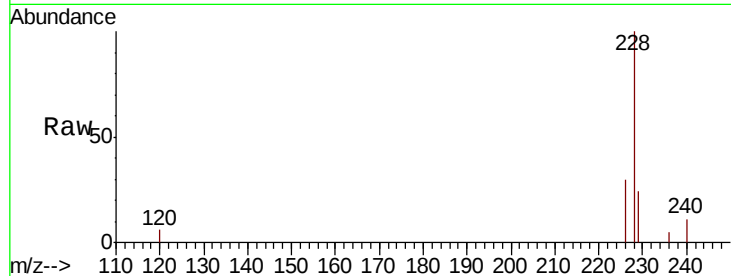
#18
Benzo(a)anthracene
Concen: 0.493 ng/ul
RT: 21.21 min Scan# 5825
Delta R.T. -0.01 min
Lab File: BM022038.D
Acq: 12 Aug 2019 18:56

Instrument :
BNA_M
ClientSampleId :
JLLE8DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.6	17.2	25.8
226	29.8	22.6	34.0

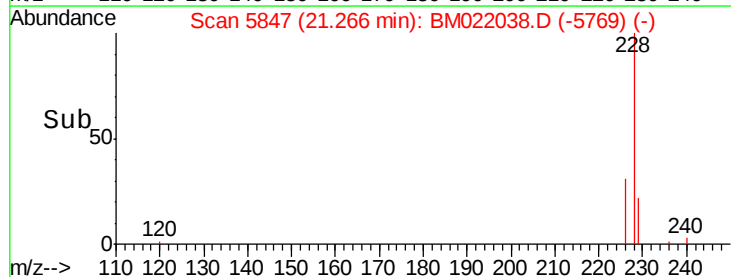
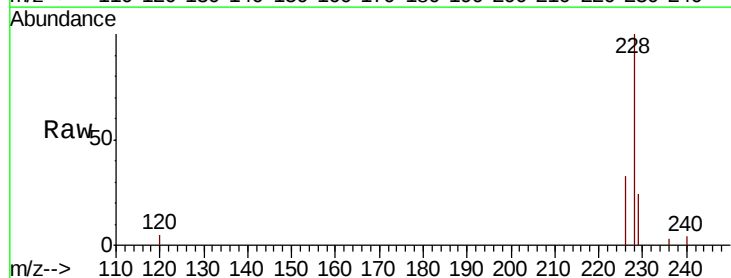
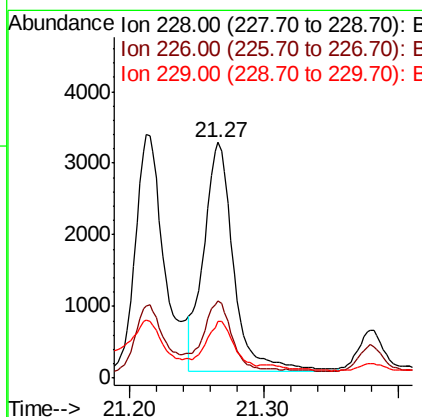
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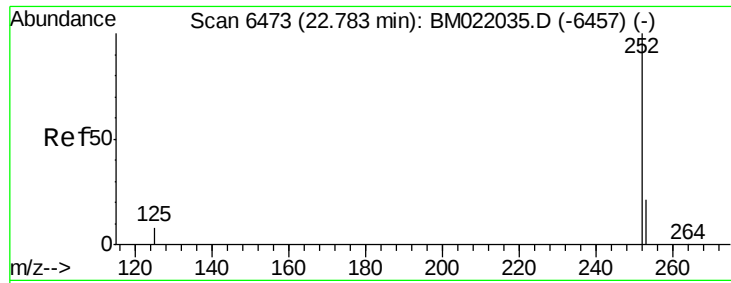
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#19
Chrysene
Concen: 0.378 ng/ul
RT: 21.27 min Scan# 5847
Delta R.T. -0.01 min
Lab File: BM022038.D
Acq: 12 Aug 2019 18:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.9	37.3
229	23.9	16.6	25.0





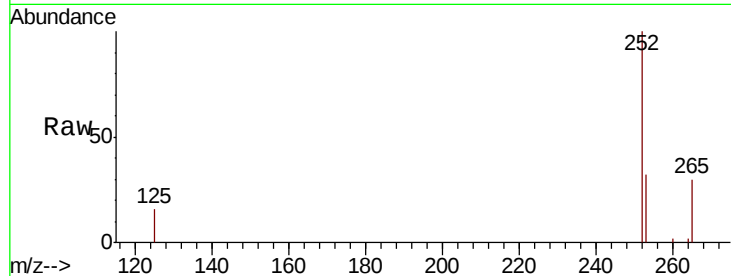
#21
Benzo(b)fluoranthene
Concen: 0.617 ng/ul m
RT: 22.77 min Scan# 6470
Delta R.T. -0.02 min
Lab File: BM022038.D
Acq: 12 Aug 2019 18:56

Instrument :
BNA_M
ClientSampleId :
JLLE8DL

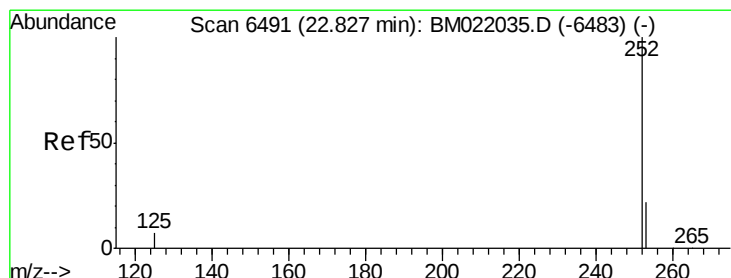
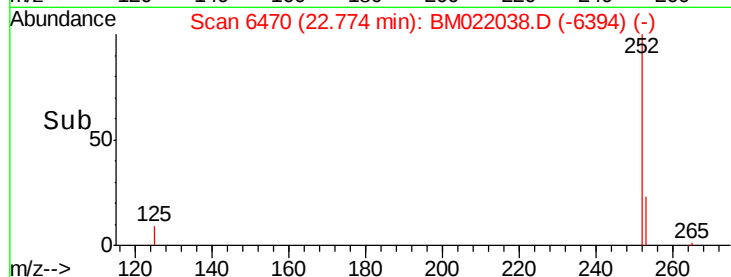
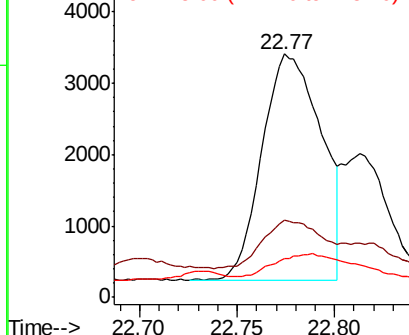
Tot Ion	Ratio	Lower	Upper
252	100		
253	31.9	0.0	67.4
125	15.8	0.0	31.0

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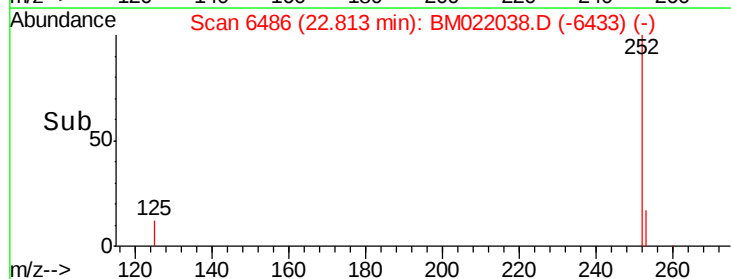
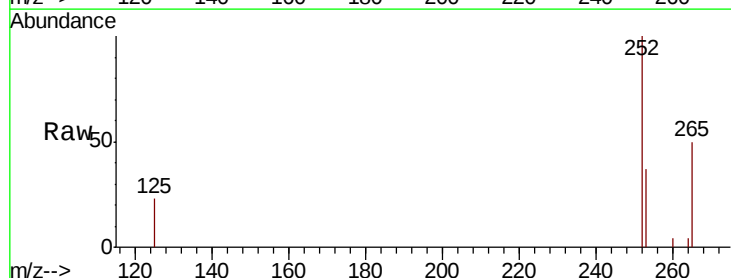
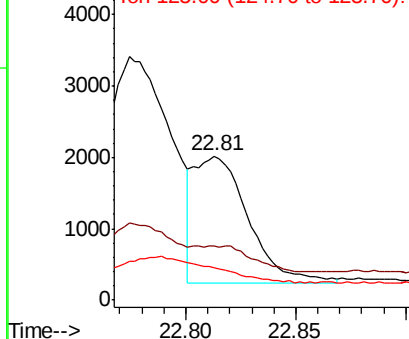
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

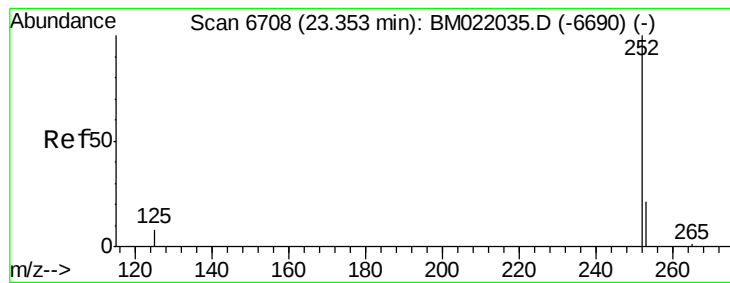


#22
Benzo(k)fluoranthene
Concen: 0.247 ng/ul m
RT: 22.81 min Scan# 6486
Delta R.T. -0.02 min
Lab File: BM022038.D
Acq: 12 Aug 2019 18:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.5	27.0	40.4
125	22.6	12.2	18.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.586 ng/ul

RT: 23.34 min Scan# 6703

Delta R.T. -0.02 min

Lab File: BM022038.D

Acq: 12 Aug 2019 18:56

Instrument :

BNA_M

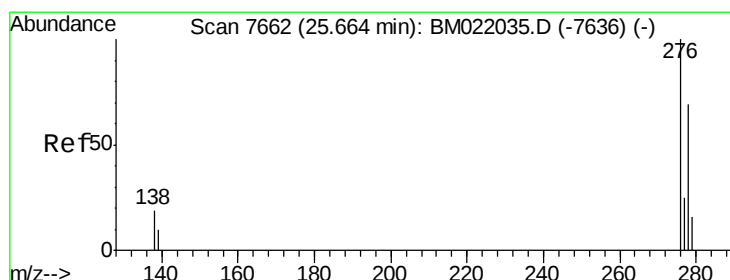
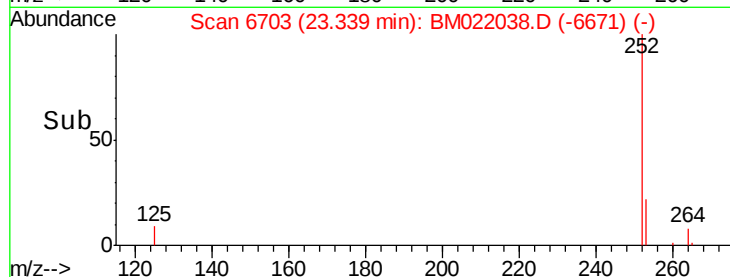
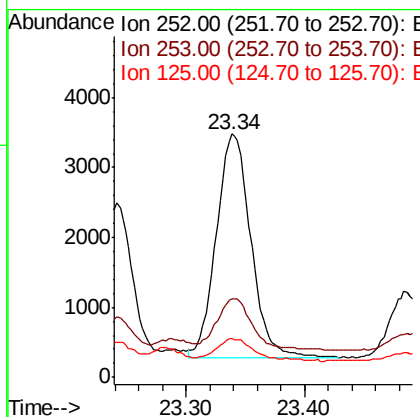
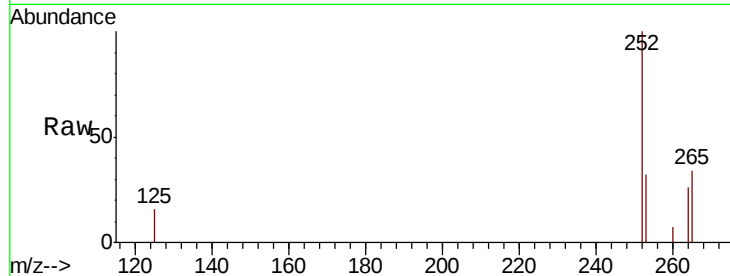
ClientSampleId :

JLLE8DL

Tot Ion:	252	Resp:	6458
Ion	Ratio	Lower	Upper
252	100		
253	32.3	31.7	47.5
125	16.1	14.6	21.8

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.347 ng/ul

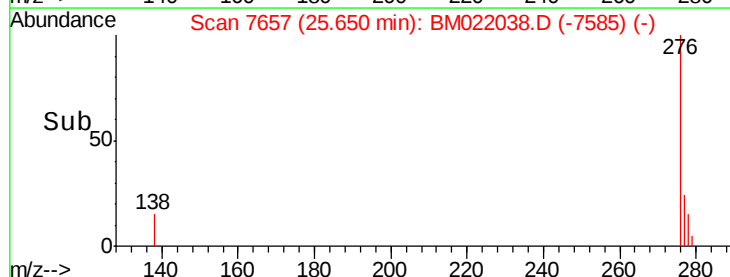
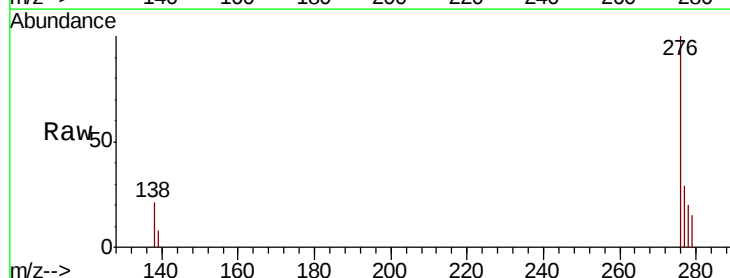
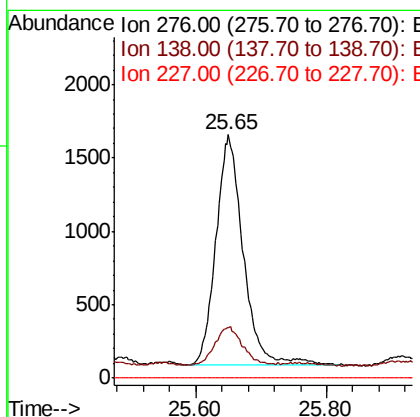
RT: 25.65 min Scan# 7657

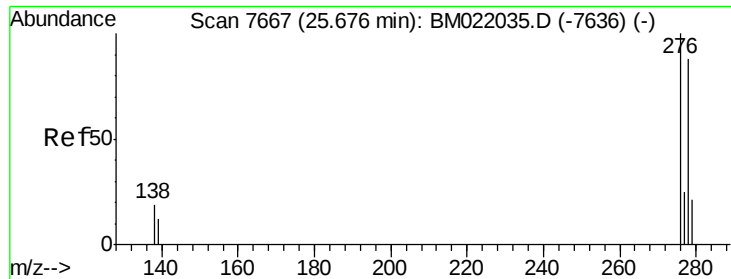
Delta R.T. -0.03 min

Lab File: BM022038.D

Acq: 12 Aug 2019 18:56

Tgt Ion:	276	Resp:	4560
Ion	Ratio	Lower	Upper
276	100		
138	17.1	15.1	22.7
227	0.0	0.0	0.0





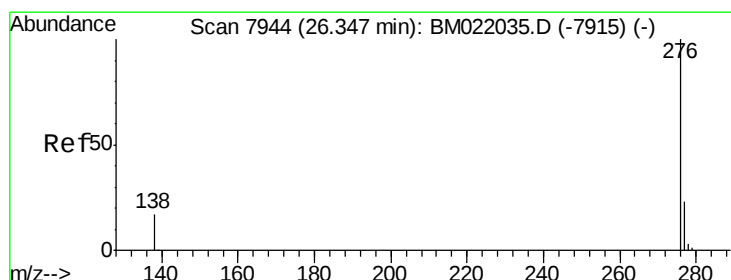
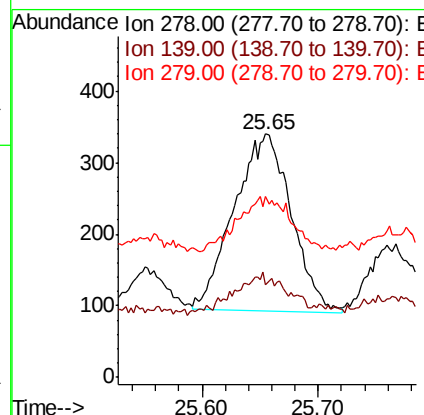
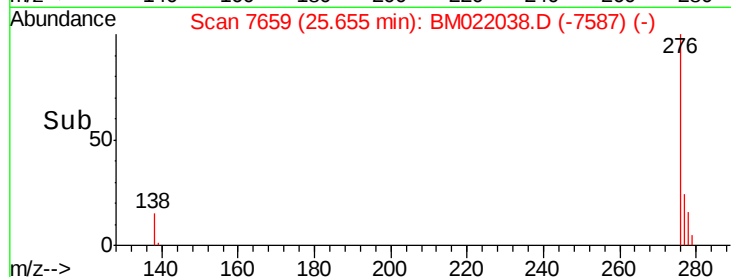
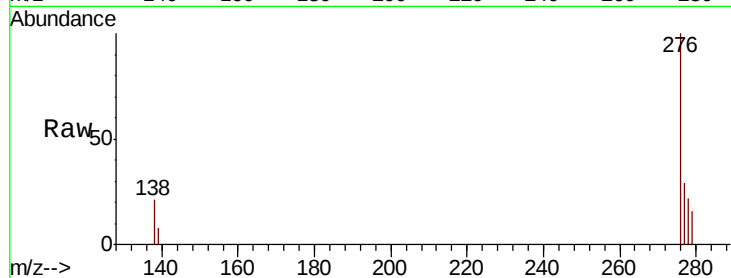
#25
Dibenzo(a,h)anthracene
Concen: 0.079 ng/u1
RT: 25.65 min Scan# 7659
Delta R.T. -0.03 min
Lab File: BM022038.D
Acq: 12 Aug 2019 18:56

Instrument :
BNA_M
ClientSampled :
JLLE8DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	38.2	14.2	21.2#
279	74.1	28.3	42.5#

Manual Integrations
APPROVED

mohammad
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#26
Benzo(g,h,i)perylene
Concen: 0.419 ng/u1
RT: 26.33 min Scan# 7936
Delta R.T. -0.03 min
Lab File: BM022038.D
Acq: 12 Aug 2019 18:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	15.5	23.3
277	27.8	21.4	32.2

