

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
 Data File : BM022036.D
 Acq On : 12 Aug 2019 17:43
 Operator : HP/JU
 Sample : K4029-21DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW0DL

Manual Integrations
 APPROVED

Sohil
 8/13/2019 9:56:25 AM

Quant Time: Aug 12 18:42:20 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 : Mon Aug 12 18:02:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	579	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	2268	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	1227	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	2615	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	2644	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	2935	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	103	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	272	0.03	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	137	0.021	ng/ul#	2
7) Acenaphthylene	13.99	152	531	0.093	ng/ul#	73
8) Acenaphthene	14.33	153	222	0.047	ng/ul	90
9) Fluorene	15.33	166	238	0.046	ng/ul#	90
12) Phenanthrene	17.07	178	4263	0.560	ng/ul	99
13) Anthracene	17.17	178	1053	0.162	ng/ul#	87
15) Fluoranthene	19.09	202	9041	0.887	ng/ul	99
17) Pyrene	19.46	202	9732	0.896	ng/ul	99
18) Benzo(a)anthracene	21.21	228	5725	0.605	ng/ul	96
19) Chrysene	21.27	228	5281	0.434	ng/ul	96
21) Benzo(b)fluoranthene	22.78	252	6489m	0.656	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	2714m	0.242	ng/ul	
23) Benzo(a)pyrene	23.34	252	4835	0.480	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.66	276	3088	0.257	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.66	278	844	0.087	ng/ul#	48
26) Benzo(a,h,i)perylene	26.34	276	2641	0.244	ng/ul#	90

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

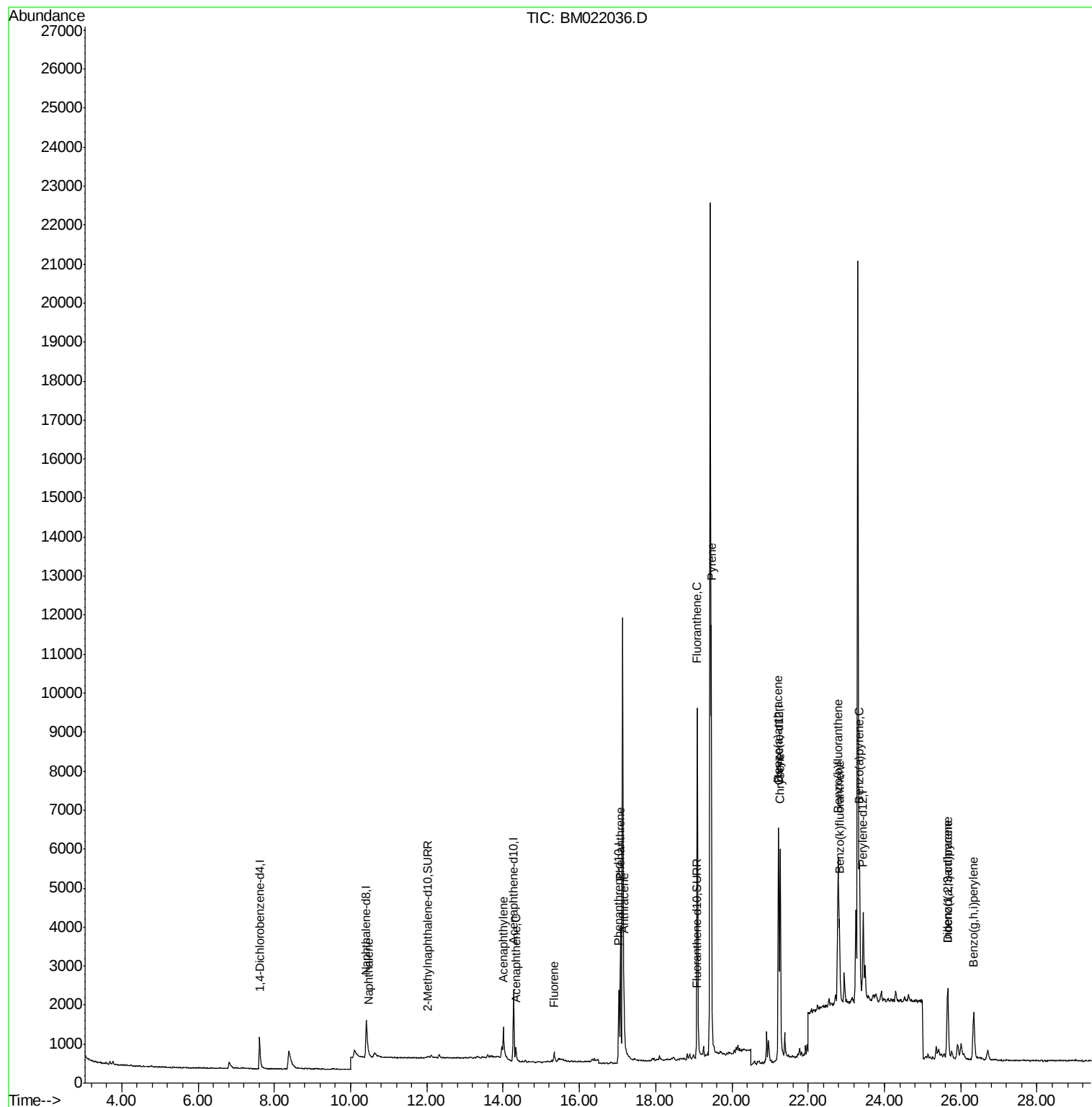
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
Data File : BM022036.D
Acq On : 12 Aug 2019 17:43
Operator : HP/JU
Sample : K4029-21DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

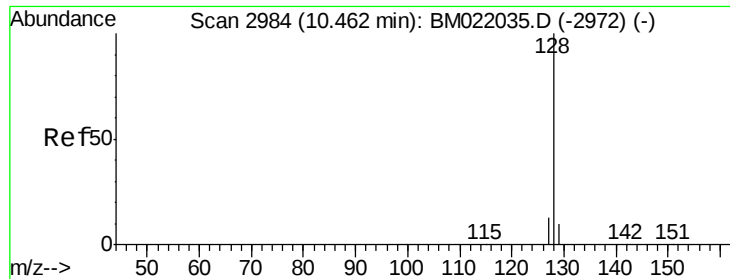
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Aug 12 18:42:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 12 18:02:08 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.021 ng/ul

RT: 10.47 min Scan# 2986

Delta R.T. 0.00 min

Lab File: BM022036.D

Acq: 12 Aug 2019 17:43

Instrument :

BNA_M

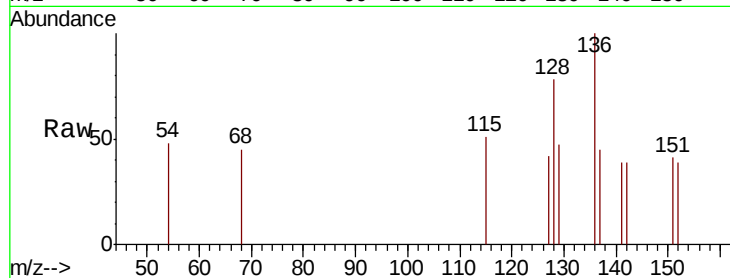
ClientSampled :

BENW0DL

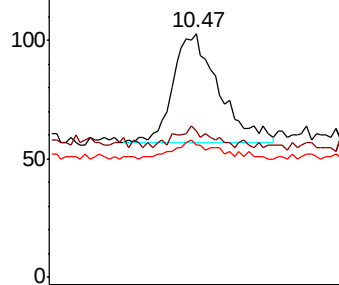
Tot Ion:128	Resp:	137
Ion Ratio	Lower	Upper
128	100	
129	60.2	12.3 18.5#
127	54.4	13.0 19.6#

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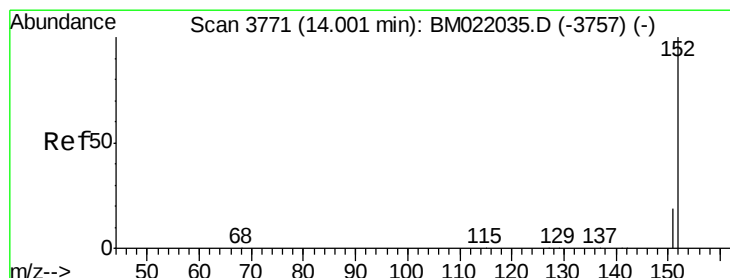
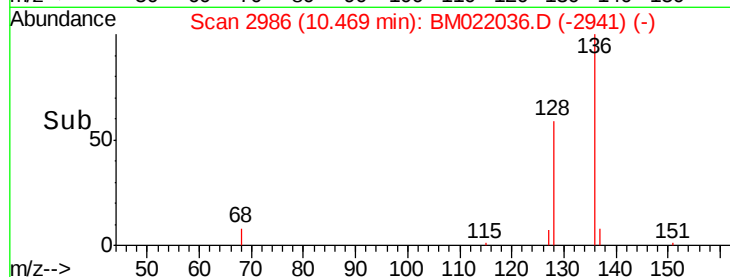
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#7

Acenaphthylene

Concen: 0.093 ng/ul

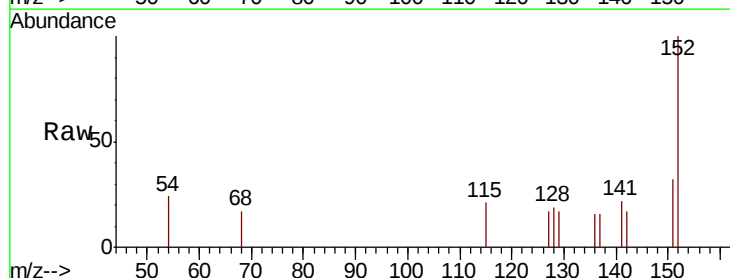
RT: 13.99 min Scan# 3770

Delta R.T. -0.01 min

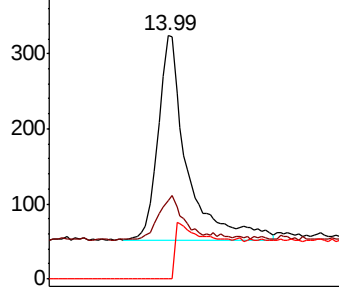
Lab File: BM022036.D

Acq: 12 Aug 2019 17:43

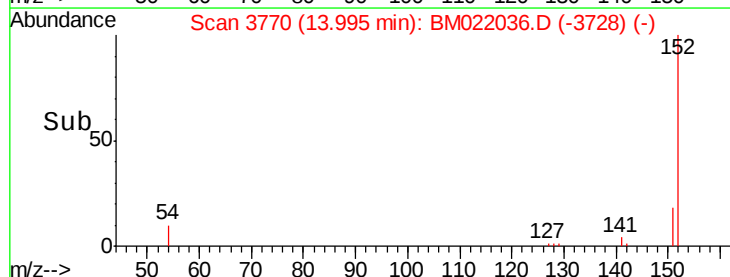
Tgt Ion:152	Resp:	531
Ion Ratio	Lower	Upper
152	100	
151	32.1	18.3 27.5#
153	0.0	12.8 19.2#

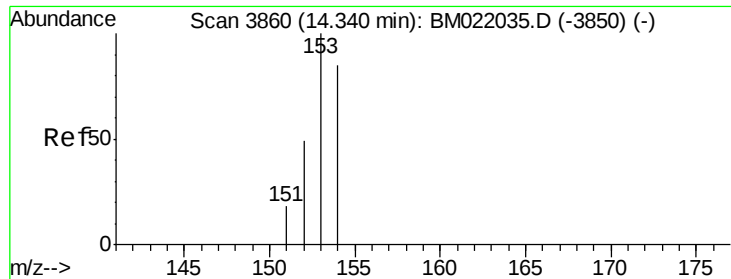


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->





#8

Acenaphthene

Concen: 0.047 ng/ul

RT: 14.33 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BM022036.D

Acq: 12 Aug 2019 17:43

Instrument :

BNA_M

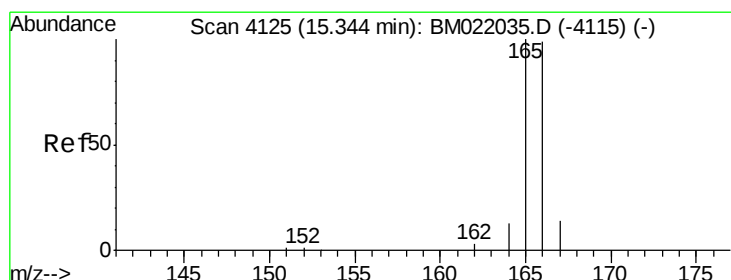
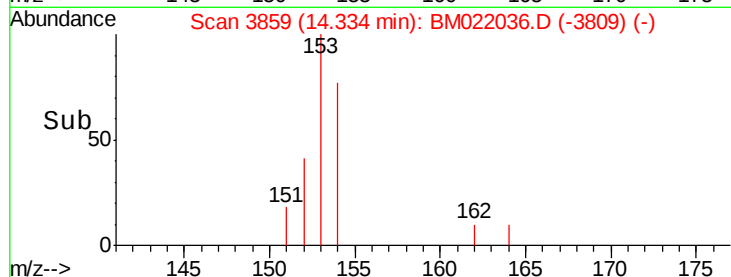
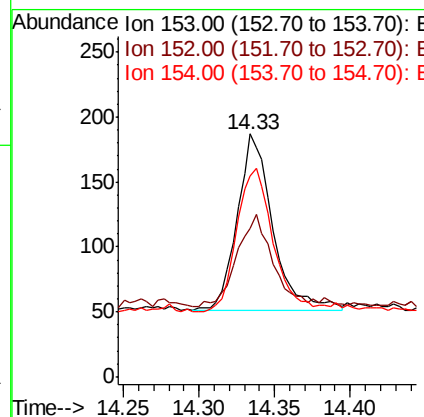
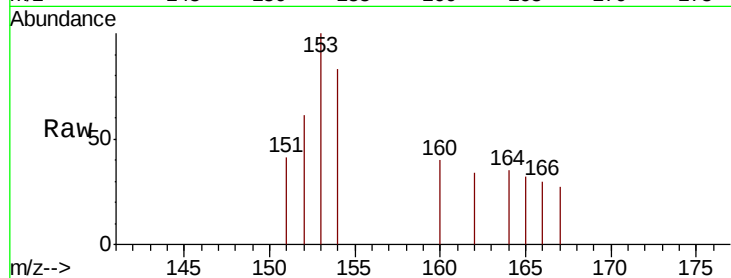
ClientSampled :

BENW0DL

Tot Ion:	153	Resp:	222
Ion Ratio	Lower	Upper	
153	100		
152	61.0	41.3	61.9
154	82.9	72.3	108.5

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#9

Fluorene

Concen: 0.046 ng/ul

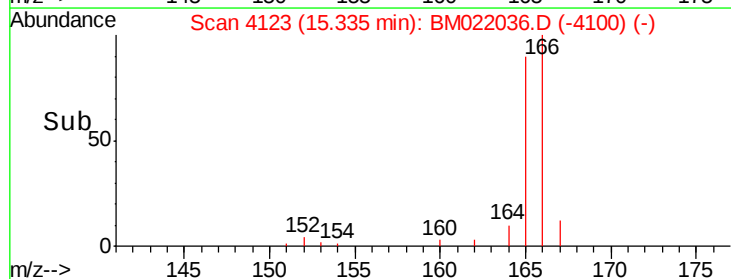
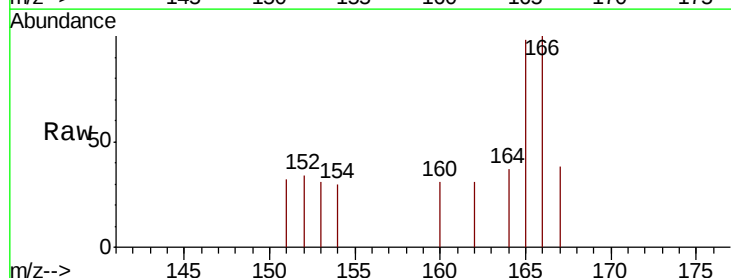
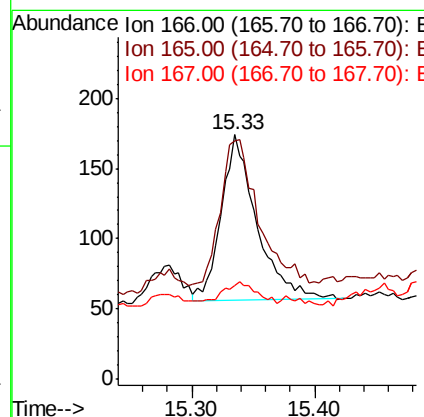
RT: 15.33 min Scan# 4123

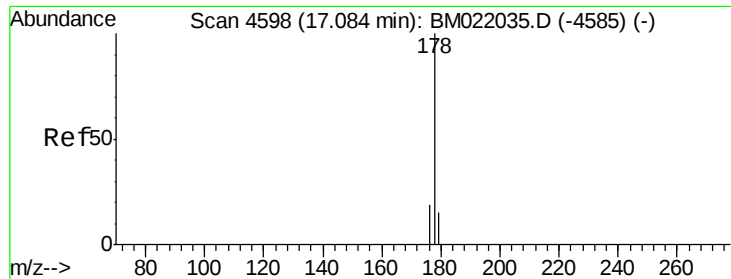
Delta R.T. -0.01 min

Lab File: BM022036.D

Acq: 12 Aug 2019 17:43

Tgt Ion:	166	Resp:	238
Ion Ratio	Lower	Upper	
166	100		
165	97.7	81.4	122.0
167	37.9	13.7	20.5





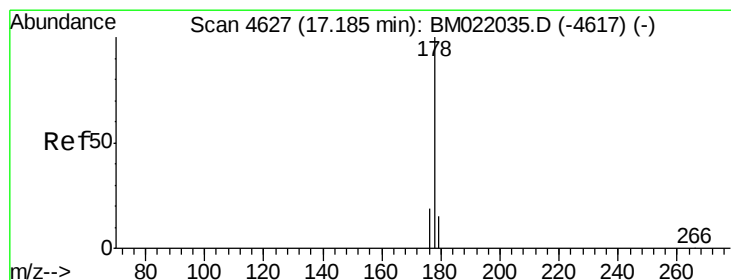
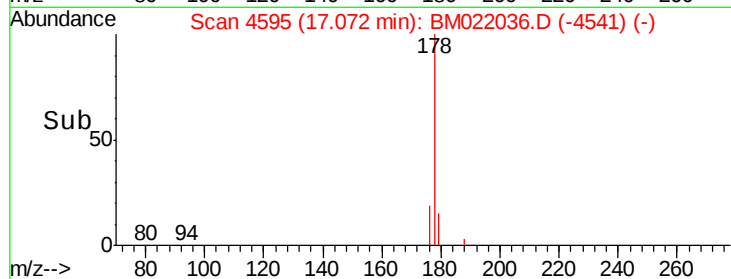
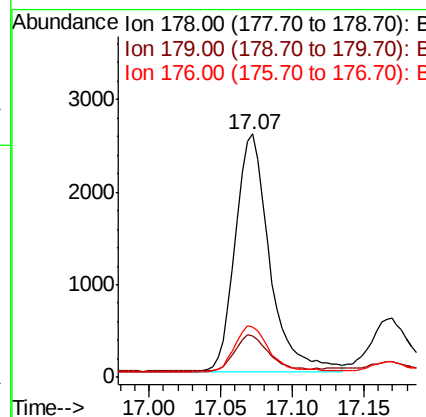
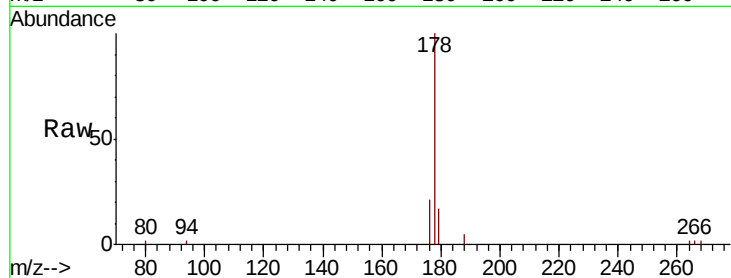
#12
Phenanthrene
Concen: 0.560 ng/ul
RT: 17.07 min Scan# 4595
Delta R.T. -0.01 min
Lab File: BM022036.D
Acq: 12 Aug 2019 17:43

Instrument :
BNA_M
ClientSampleId :
BENW0DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.1	14.2	21.2
176	20.8	16.8	25.2

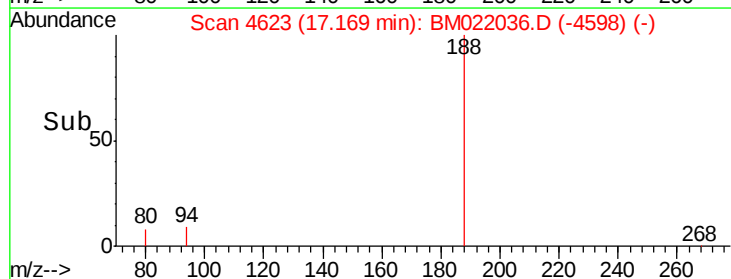
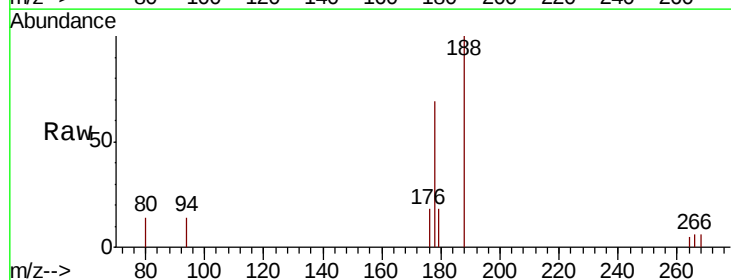
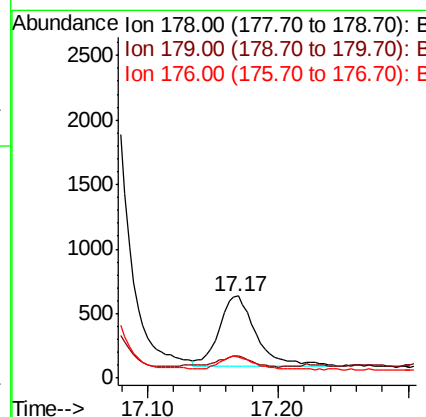
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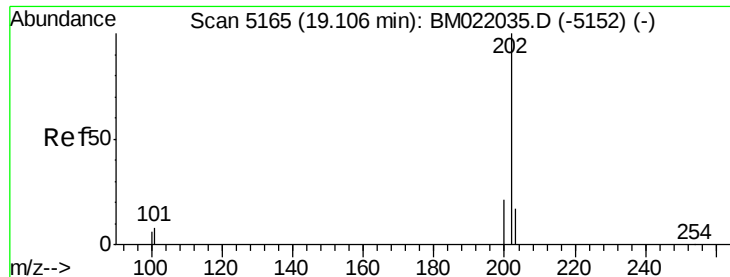
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#13
Anthracene
Concen: 0.162 ng/ul
RT: 17.17 min Scan# 4623
Delta R.T. -0.01 min
Lab File: BM022036.D
Acq: 12 Aug 2019 17:43

Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.3	15.5	23.3#
176	25.8	16.6	25.0#





#15

Fluoranthene

Concen: 0.887 ng/ul

RT: 19.09 min Scan# 5161

Delta R.T. -0.02 min

Lab File: BM022036.D

Acq: 12 Aug 2019 17:43

Instrument :

BNA_M

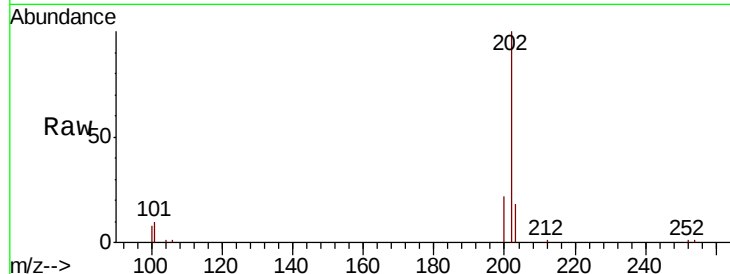
ClientSampleId :

BENW0DL

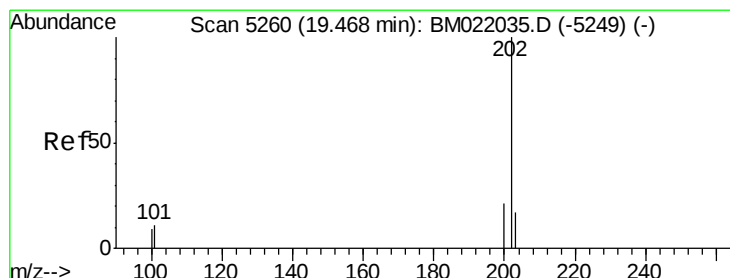
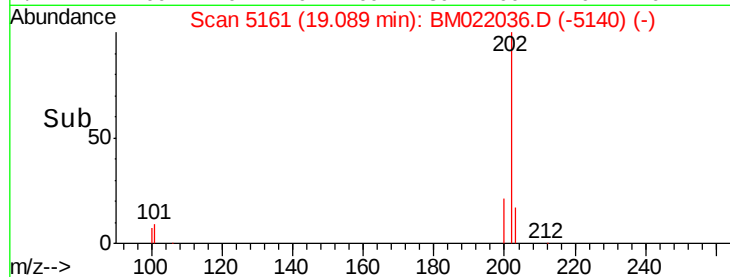
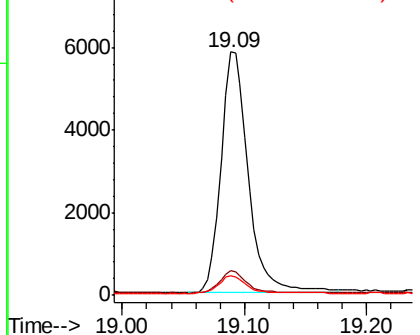
Tot Ion:	202	Resp:	9041
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	30.2
100	7.8	0.0	28.1

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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: 0.896 ng/ul

RT: 19.46 min Scan# 5258

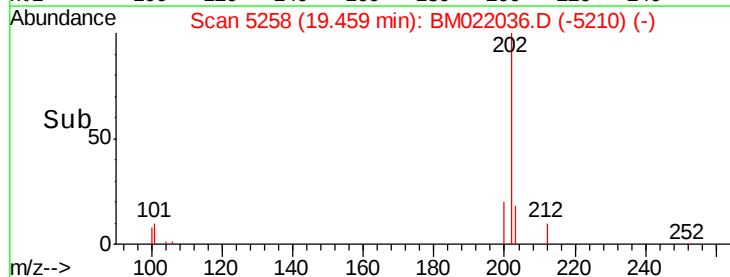
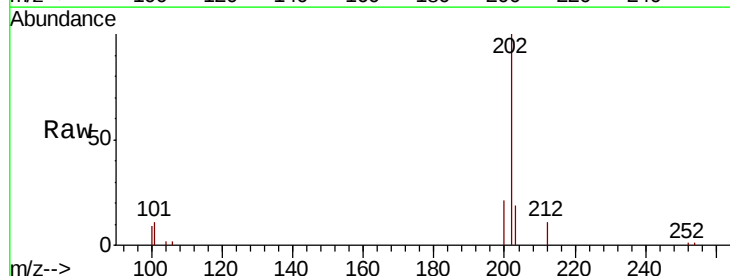
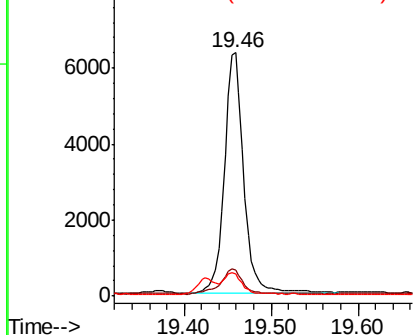
Delta R.T. -0.02 min

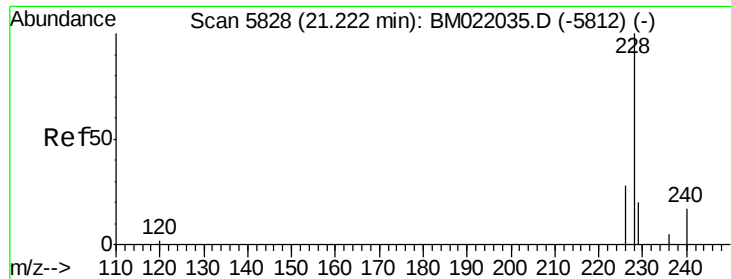
Lab File: BM022036.D

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Tgt Ion:	202	Resp:	9732
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.3	12.5
100	9.2	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





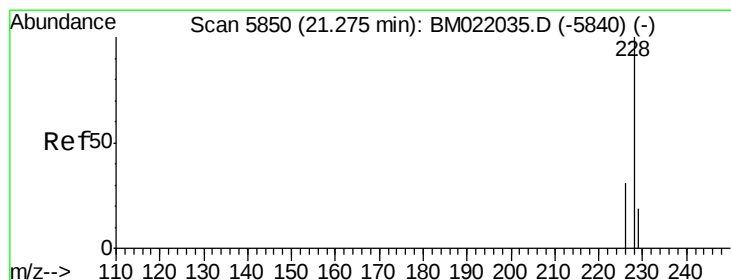
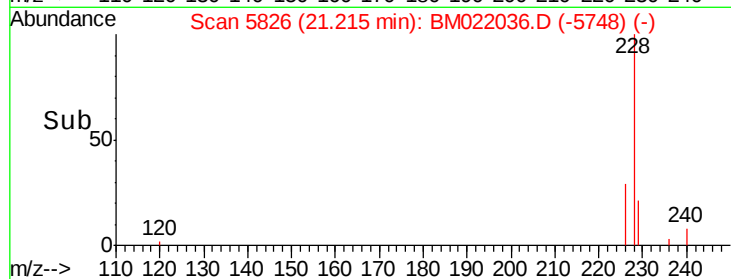
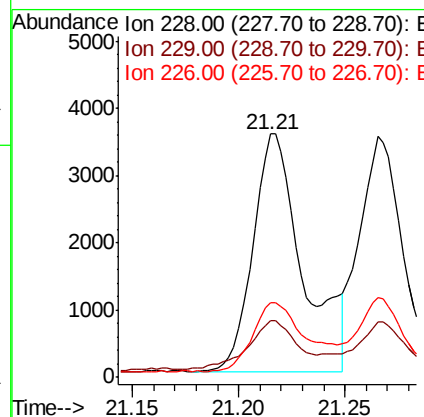
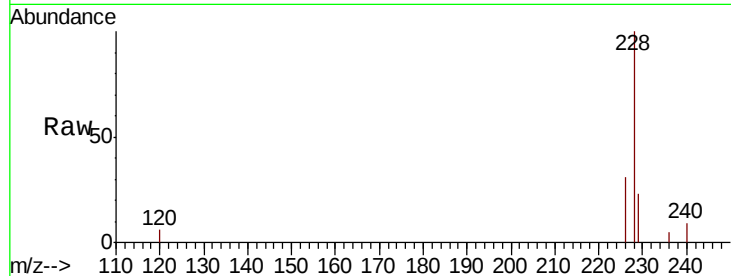
#18
Benzo(a)anthracene
Concen: 0.605 ng/ul
RT: 21.21 min Scan# 5826
Delta R.T. -0.01 min
Lab File: BM022036.D
Acq: 12 Aug 2019 17:43

Instrument :
BNA_M
ClientSampleID :
BENW0DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.4	17.2	25.8
226	30.7	22.6	34.0

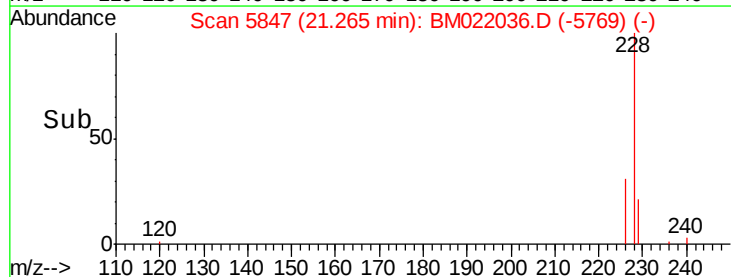
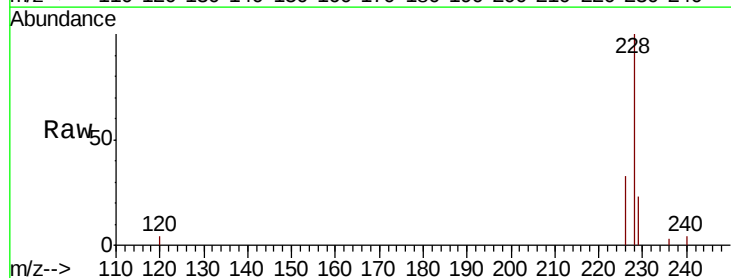
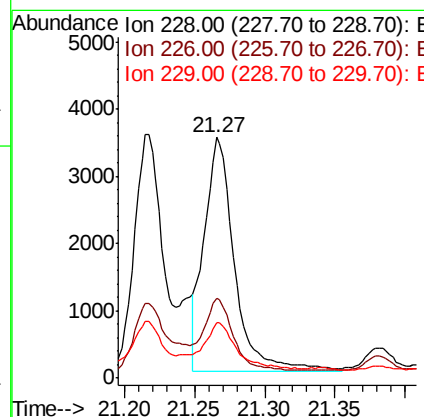
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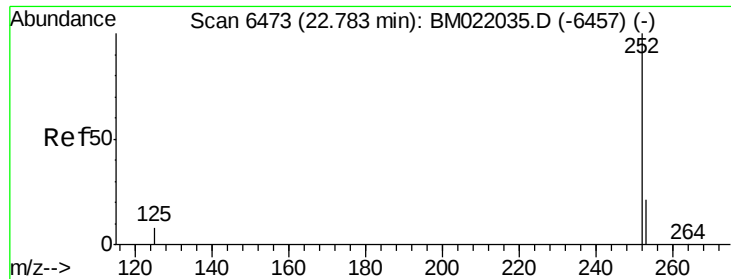
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#19
Chrysene
Concen: 0.434 ng/ul
RT: 21.27 min Scan# 5847
Delta R.T. -0.01 min
Lab File: BM022036.D
Acq: 12 Aug 2019 17:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.9	37.3
229	23.1	16.6	25.0





#21

Benzo(b)fluoranthene

Concen: 0.656 ng/ul m

RT: 22.78 min Scan# 6473

Delta R.T. -0.01 min

Lab File: BM022036.D

Acq: 12 Aug 2019 17:43

Instrument :

BNA_M

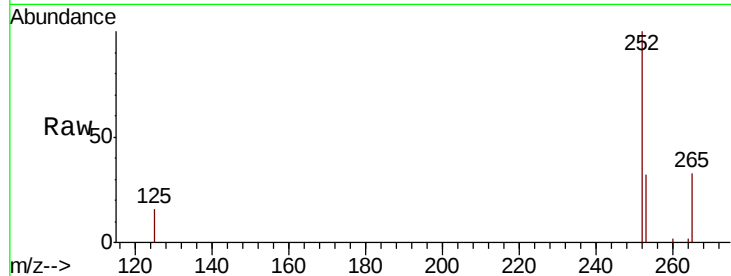
ClientSampleId :

BENW0DL

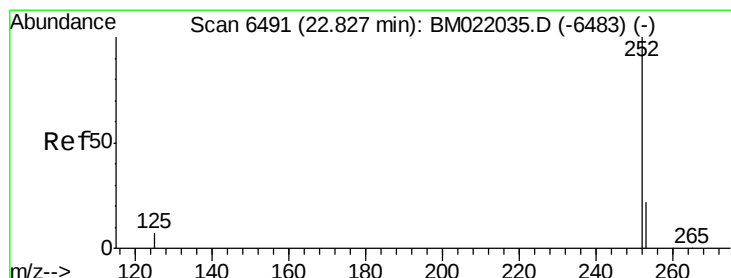
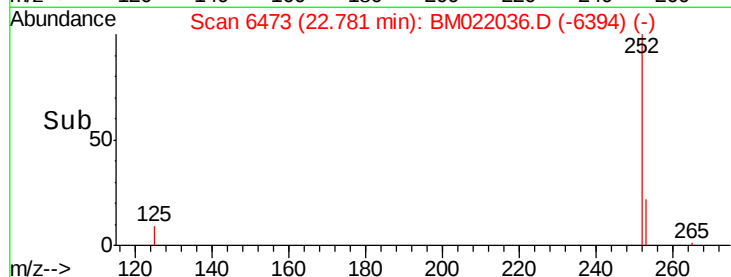
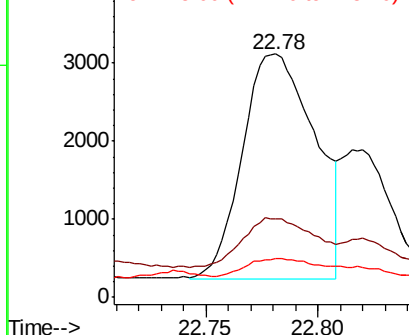
Tot Ion:	252	Resp:	6489
Ion Ratio	Lower	Upper	
252	100		
253	32.2	0.0	67.4
125	15.9	0.0	31.0

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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: 0.242 ng/ul m

RT: 22.82 min Scan# 6489

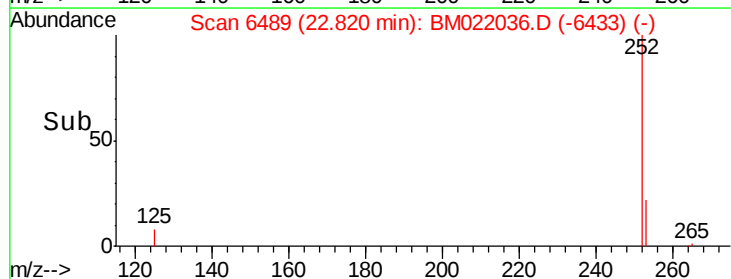
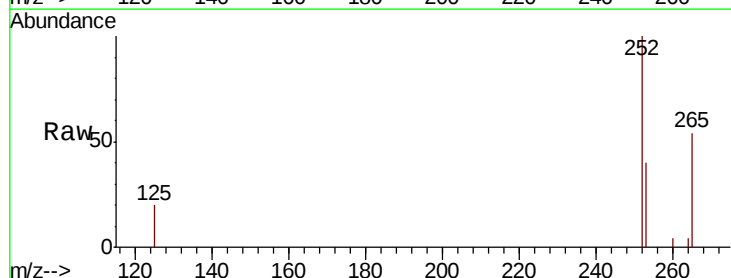
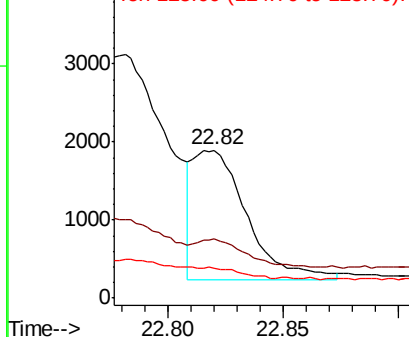
Delta R.T. -0.01 min

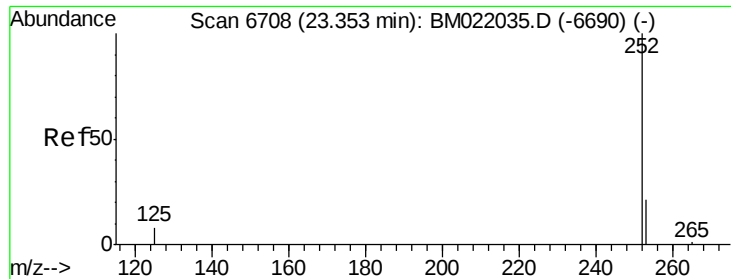
Lab File: BM022036.D

Acq: 12 Aug 2019 17:43

Tgt Ion:	252	Resp:	2714
Ion Ratio	Lower	Upper	
252	100		
253	40.0	27.0	40.4
125	20.1	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





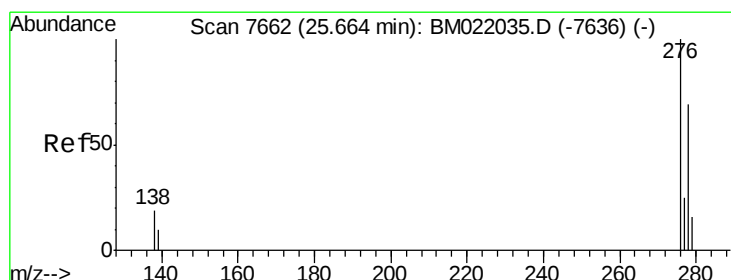
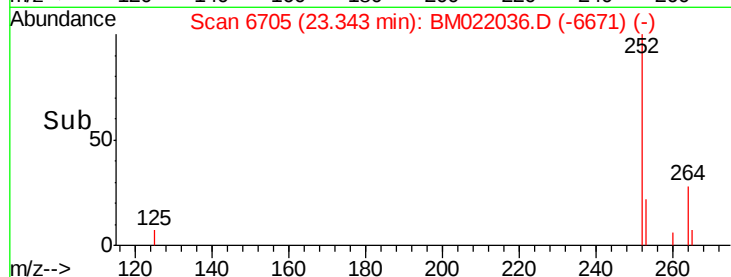
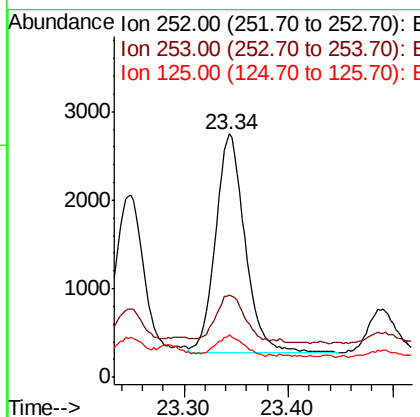
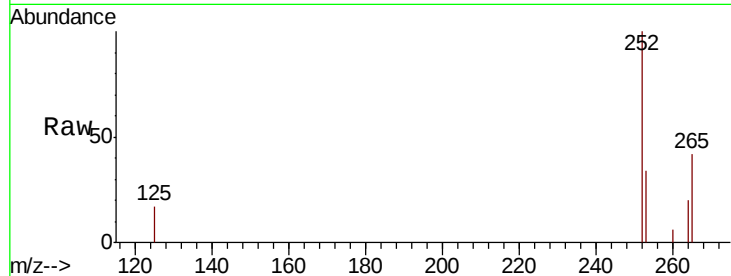
#23
Benzo(a)pyrene
Concen: 0.480 ng/u1
RT: 23.34 min Scan# 6705
Delta R.T. -0.02 min
Lab File: BM022036.D
Acq: 12 Aug 2019 17:43

Instrument :
BNA_M
ClientSampleId :
BENW0DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.6	31.7	47.5
125	17.3	14.6	21.8

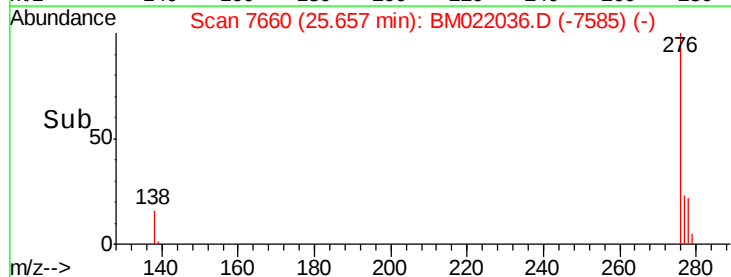
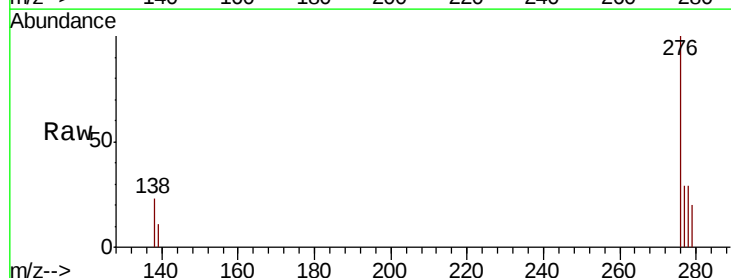
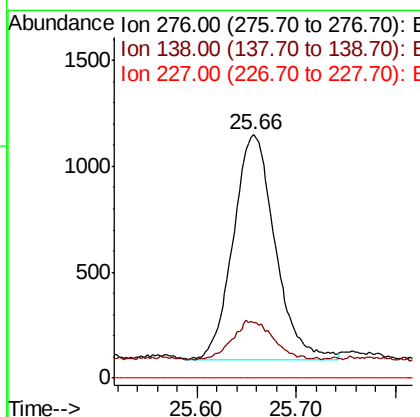
Manual Integrations
APPROVED

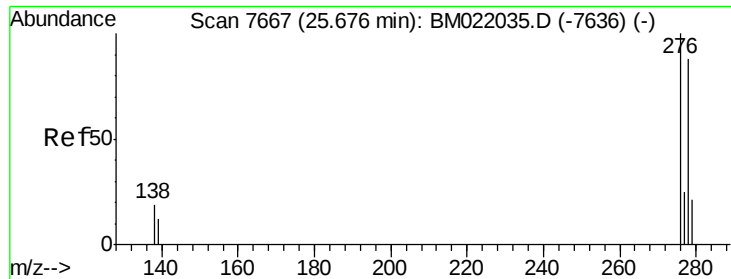
Sohil
8/13/2019 9:56:25 AM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.257 ng/u1
RT: 25.66 min Scan# 7660
Delta R.T. -0.02 min
Lab File: BM022036.D
Acq: 12 Aug 2019 17:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.9	15.1	22.7
227	0.0	0.0	0.0





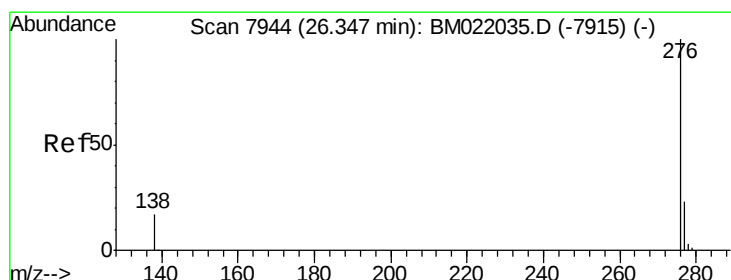
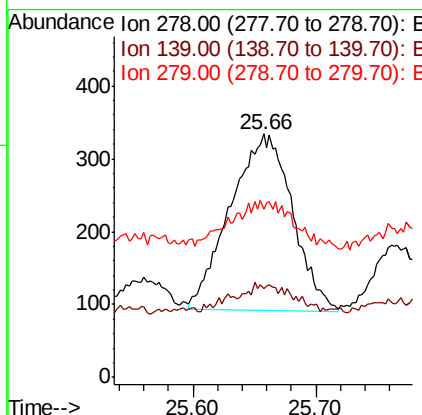
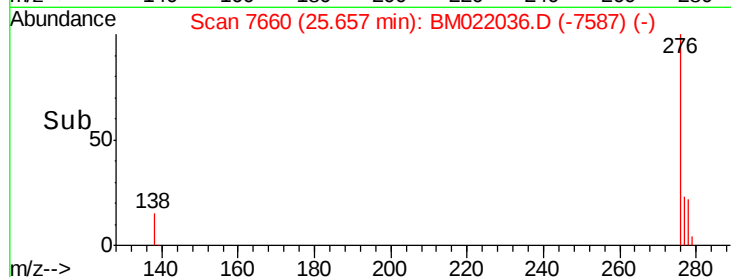
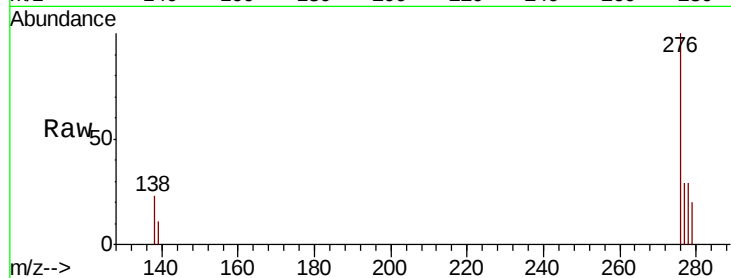
#25
Dibenzo(a,h)anthracene
Concen: 0.087 ng/ul
RT: 25.66 min Scan# 7660
Delta R.T. -0.02 min
Lab File: BM022036.D
Acq: 12 Aug 2019 17:43

Instrument :
BNA_M
ClientSampled :
BENW0DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	36.2	14.2	21.2#
279	68.9	28.3	42.5#

Manual Integrations
APPROVED

Sohil
8/13/2019 9:56:25 AM



#26
Benzo(g,h,i)perylene
Concen: 0.244 ng/ul
RT: 26.34 min Scan# 7940
Delta R.T. -0.02 min
Lab File: BM022036.D
Acq: 12 Aug 2019 17:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	15.5	23.3#
277	31.5	21.4	32.2

