

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
 Data File : BM022039.D
 Acq On : 12 Aug 2019 19:33
 Operator : HP/JU
 Sample : K4041-19DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX2DL

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Quant Time: Aug 13 07:59:35 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	720	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	2971	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1565	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	3489	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3462	0.40	ng/ul	-0.02
20) Perylene-d12	23.44	264	3852	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	410	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	1086	0.09	ng/ul	-0.02
Target Compounds				Ovalue		
7) Acenaphthylene	13.99	152	393	0.054	ng/ul#	70
8) Acenaphthene	14.33	153	275	0.046	ng/ul	91
9) Fluorene	15.33	166	283	0.043	ng/ul#	91
12) Phenanthrene	17.06	178	5756	0.567	ng/ul	99
13) Anthracene	17.16	178	1549	0.179	ng/ul	94
15) Fluoranthene	19.09	202	13191	0.970	ng/ul	98
17) Pyrene	19.45	202	17045	1.198	ng/ul	98
18) Benzo(a)anthracene	21.21	228	10553	0.852	ng/ul	98
19) Chrysene	21.26	228	9071	0.570	ng/ul	97
21) Benzo(b)fluoranthene	22.77	252	10054m	0.774	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	4456m	0.303	ng/ul	
23) Benzo(a)pyrene	23.33	252	8611	0.652	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.65	276	4905	0.311	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.65	278	1405	0.110	ng/ul#	64
26) Benzo(g,h,i)perylene	26.33	276	5176	0.365	ng/ul	96

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

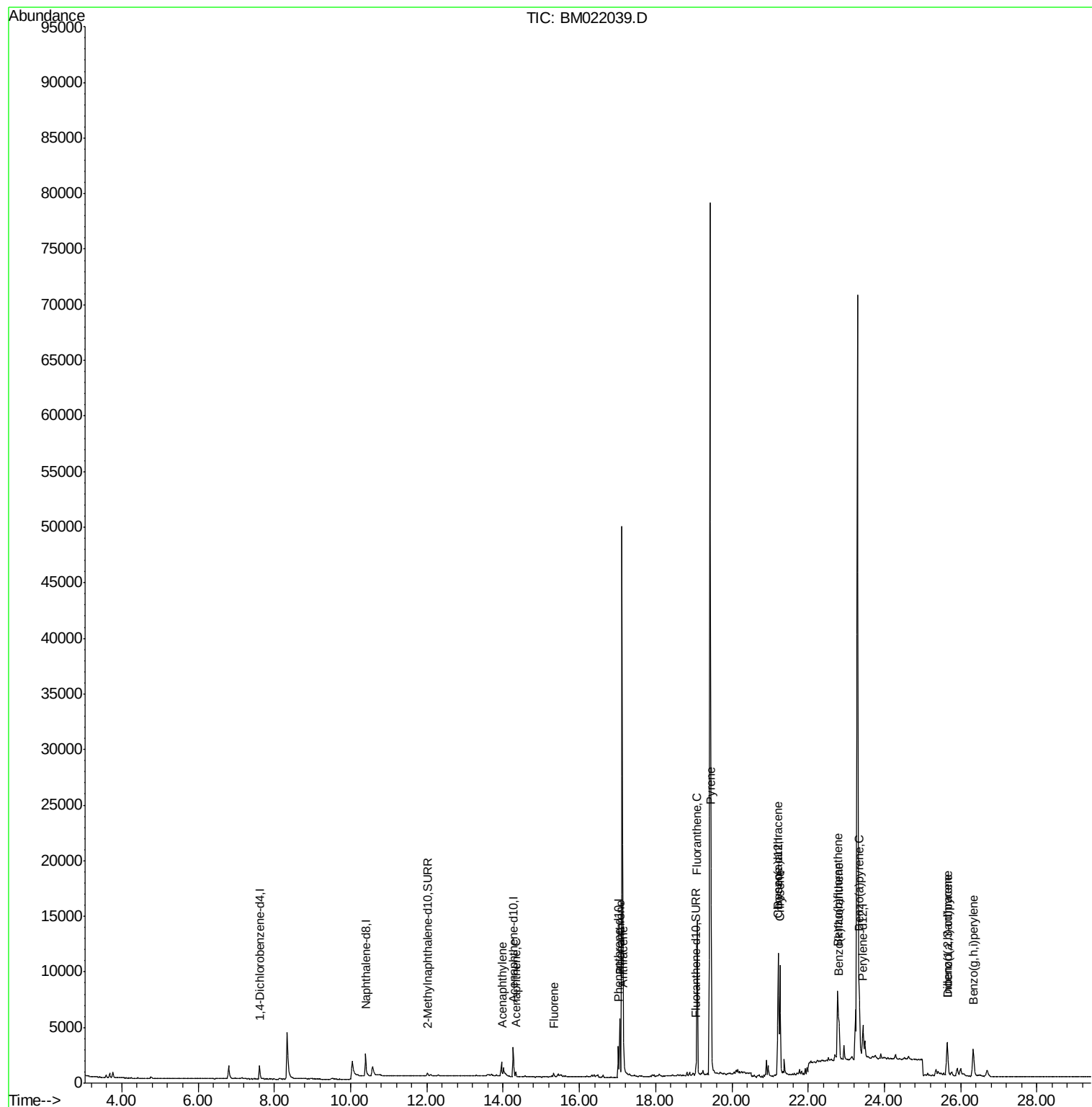
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
Data File : BM022039.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

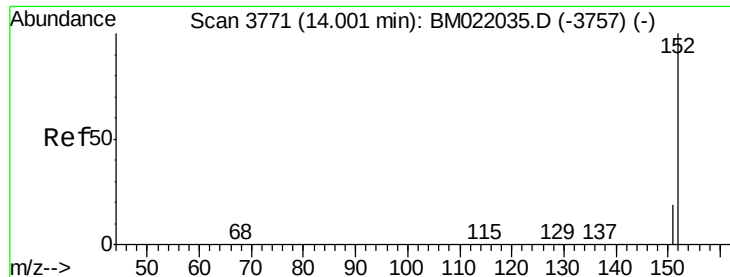
Instrument :
BNA_M
ClientSampleId :
BENX2DL

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Quant Time: Aug 13 07:59:35 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





#7

Acenaphthylene

Concen: 0.054 ng/ul

RT: 13.99 min Scan# 3769

Delta R.T. -0.02 min

Lab File: BM022039.D

Acq: 12 Aug 2019 19:33

Instrument :

BNA_M

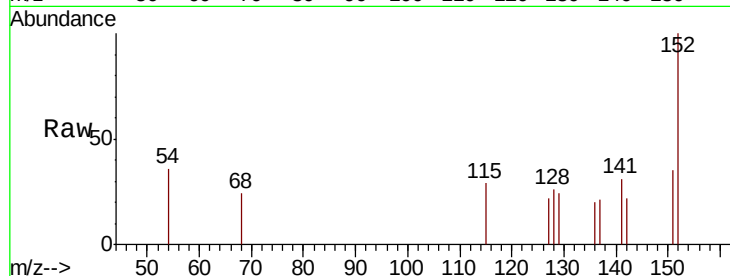
ClientSampleId :

BENX2DL

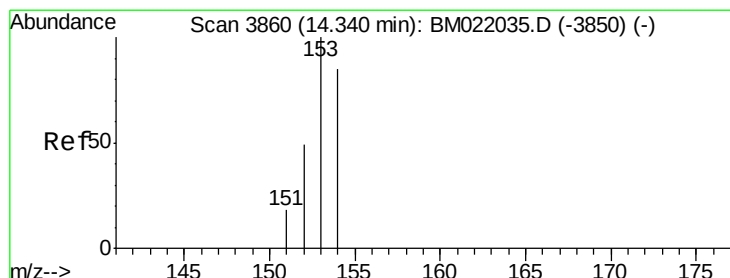
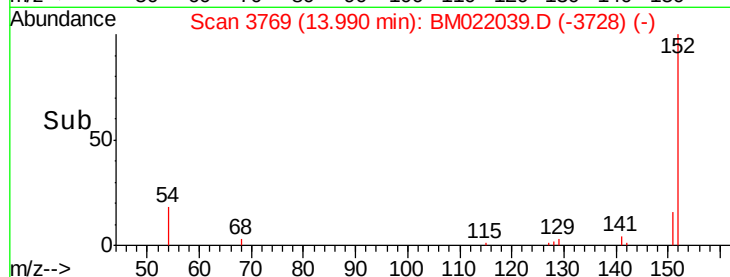
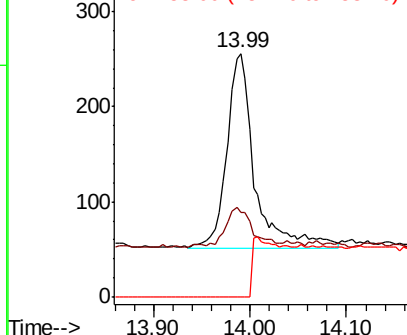
Tot Ion:	152	Resp:	393
Ion Ratio	Lower	Upper	
152	100		
151	34.8	18.3	27.5#
153	0.0	12.8	19.2#

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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: 0.046 ng/ul

RT: 14.33 min Scan# 3858

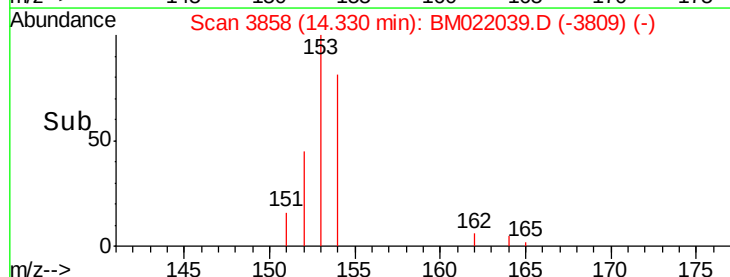
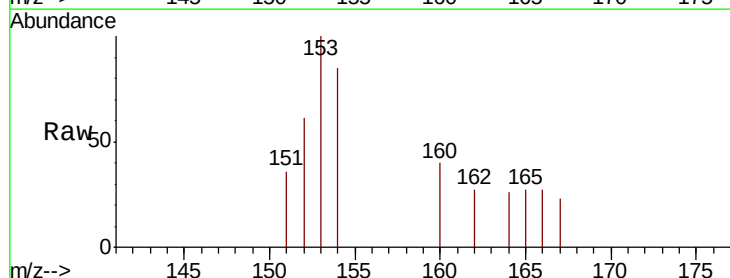
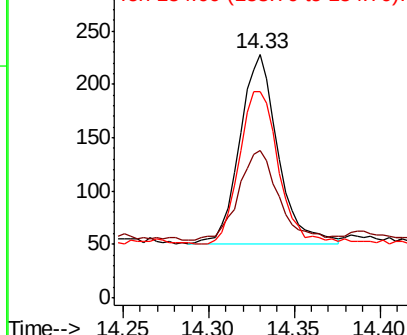
Delta R.T. -0.02 min

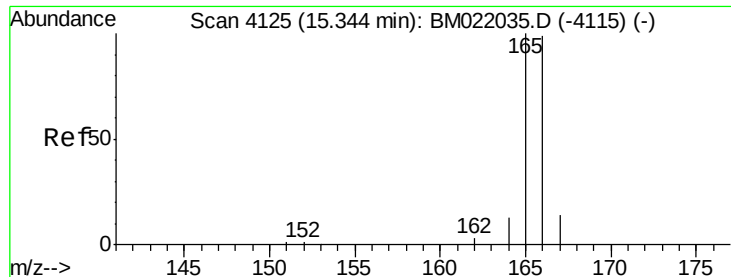
Lab File: BM022039.D

Acq: 12 Aug 2019 19:33

Tgt Ion:	153	Resp:	275
Ion Ratio	Lower	Upper	
153	100		
152	60.5	41.3	61.9
154	84.6	72.3	108.5

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: 0.043 ng/ul

RT: 15.33 min Scan# 4121

Delta R.T. -0.02 min

Lab File: BM022039.D

Acq: 12 Aug 2019 19:33

Instrument :

BNA_M

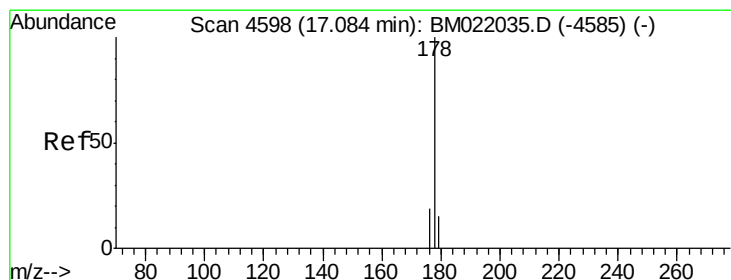
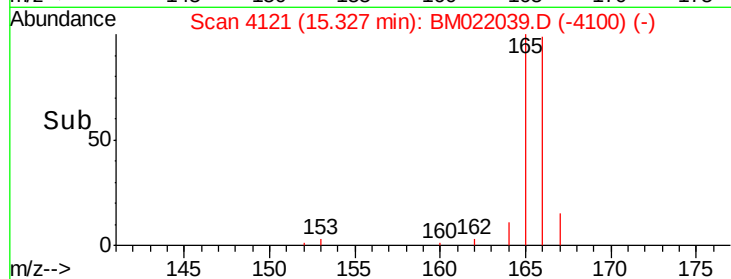
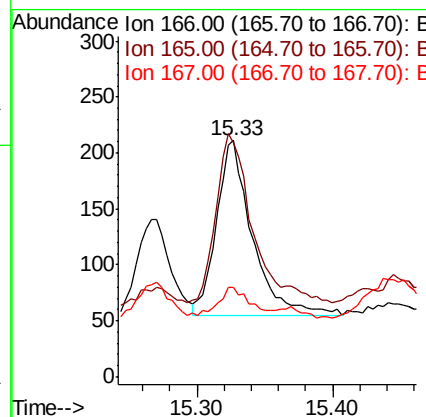
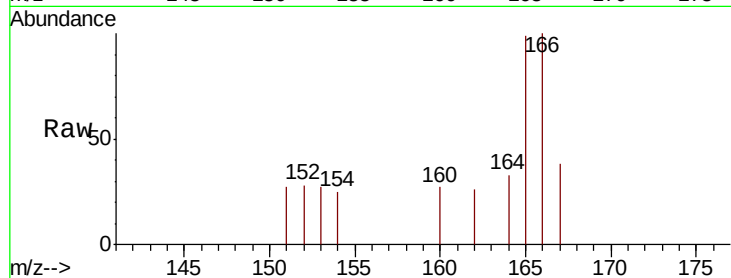
ClientSampled :

BENX2DL

Tot Ion:	166	Resp:	283
Ion Ratio	Lower	Upper	
166	100		
165	99.1	81.4	122.0
167	37.9	13.7	20.5#

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#12

Phenanthrene

Concen: 0.567 ng/ul

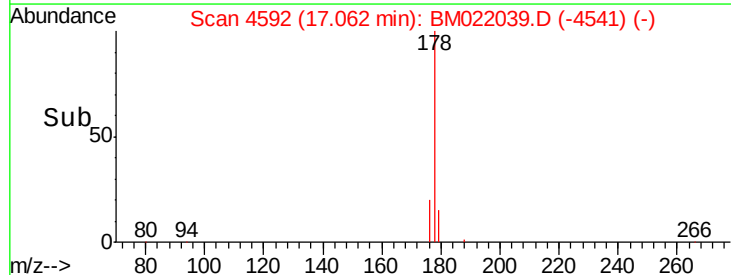
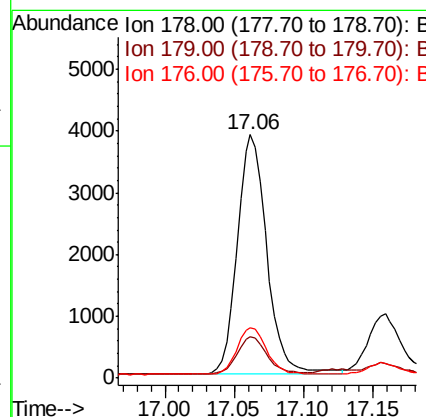
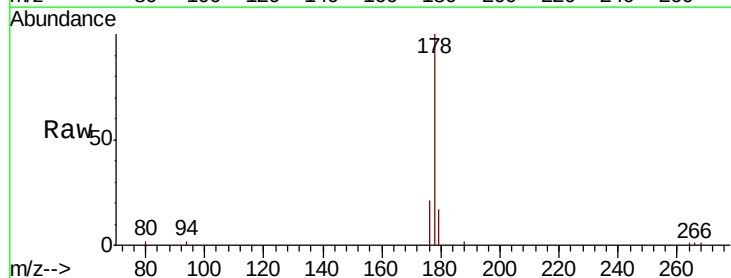
RT: 17.06 min Scan# 4592

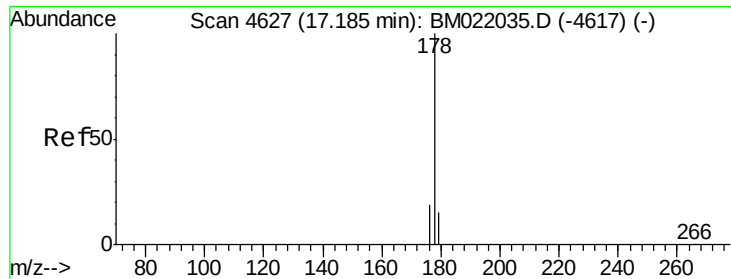
Delta R.T. -0.02 min

Lab File: BM022039.D

Acq: 12 Aug 2019 19:33

Tgt Ion:	178	Resp:	5756
Ion Ratio	Lower	Upper	
178	100		
179	16.9	14.2	21.2
176	20.8	16.8	25.2





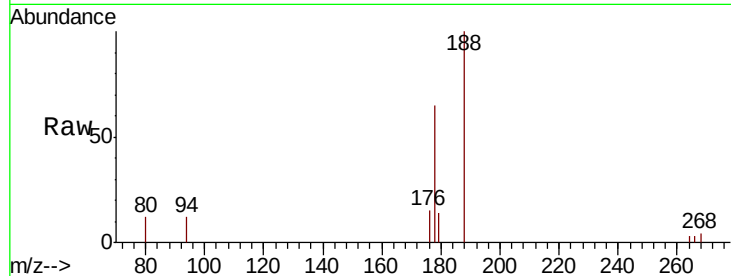
#13
 Anthracene
 Concen: 0.179 ng/ul
 RT: 17.16 min Scan# 4620
 Delta R.T. -0.02 min
 Lab File: BM022039.D
 Acq: 12 Aug 2019 19:33

Instrument :
 BNA_M
 ClientSampleID :
 BENX2DL

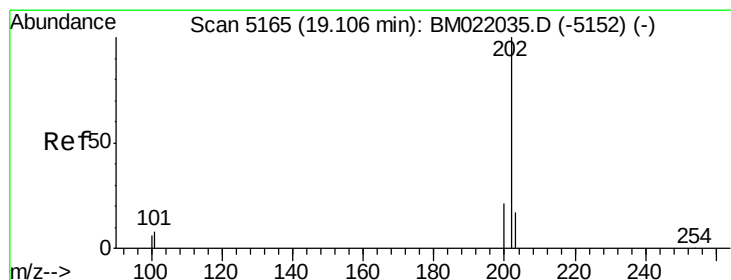
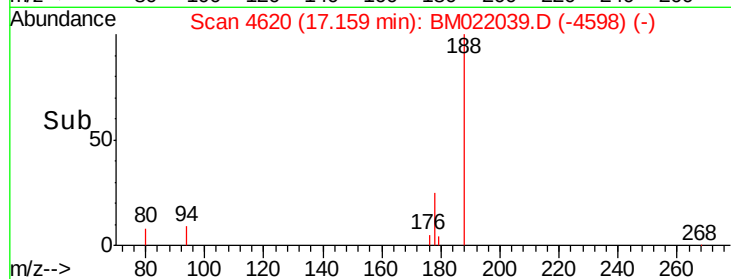
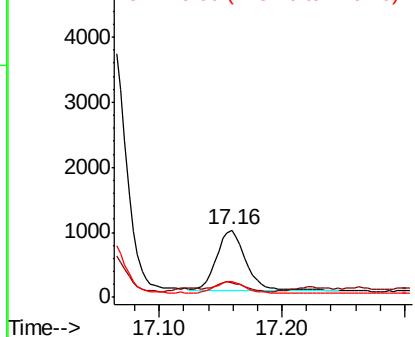
Tot Ion:	178	Resp:	1549
Ion Ratio	Lower	Upper	
178	100		
179	22.2	15.5	23.3
176	23.5	16.6	25.0

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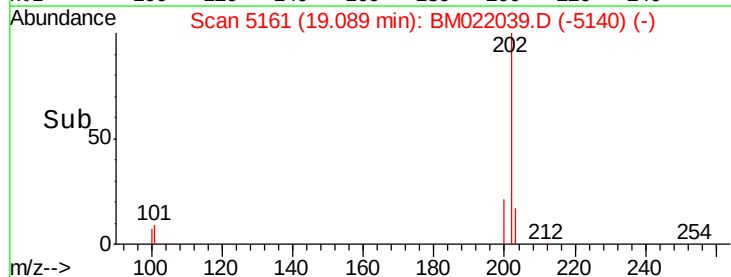
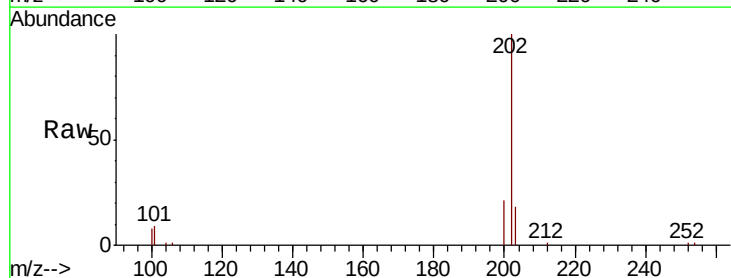
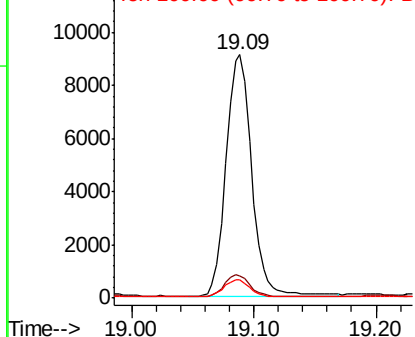
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

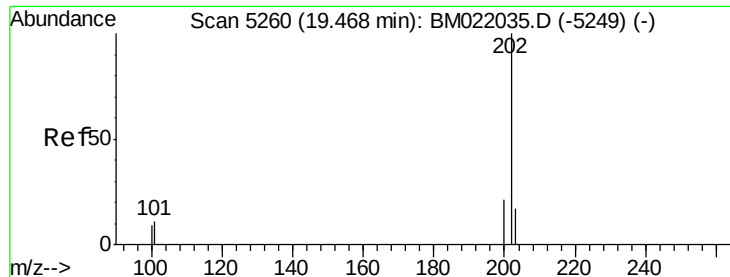


#15
 Fluoranthene
 Concen: 0.970 ng/ul
 RT: 19.09 min Scan# 5161
 Delta R.T. -0.02 min
 Lab File: BM022039.D
 Acq: 12 Aug 2019 19:33

Tgt Ion:	202	Resp:	13191
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	30.2
100	7.6	0.0	28.1

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





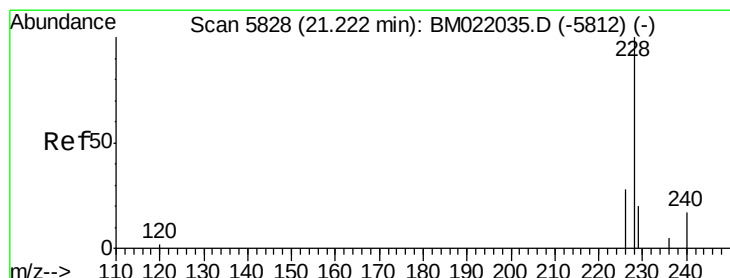
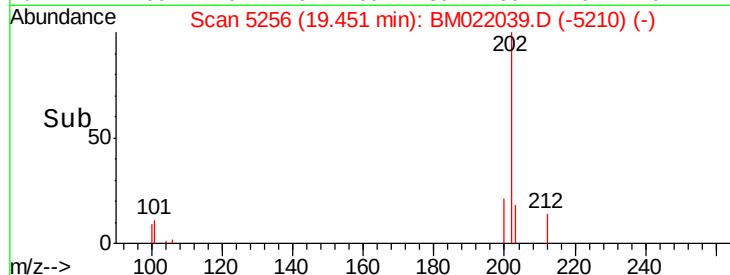
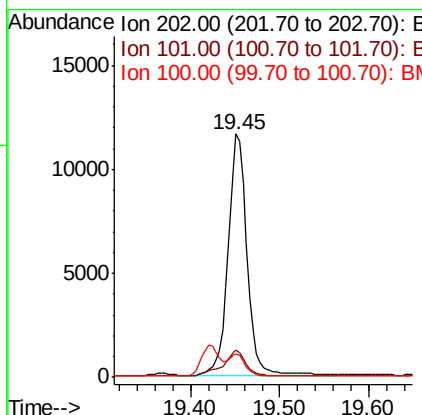
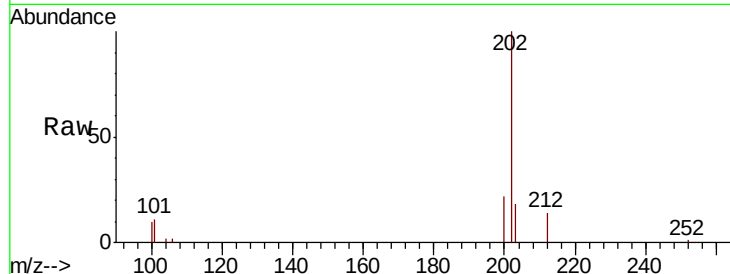
#17
Pvrene
Concen: 1.198 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.02 min
Lab File: BM022039.D
Acq: 12 Aug 2019 19:33

Instrument :
BNA_M
ClientSampleId :
BENX2DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	8.3	12.5
100	9.6	7.2	10.8

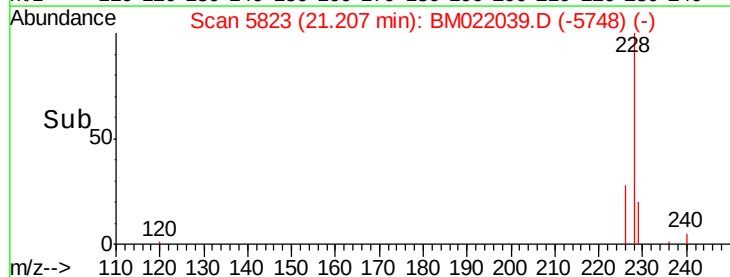
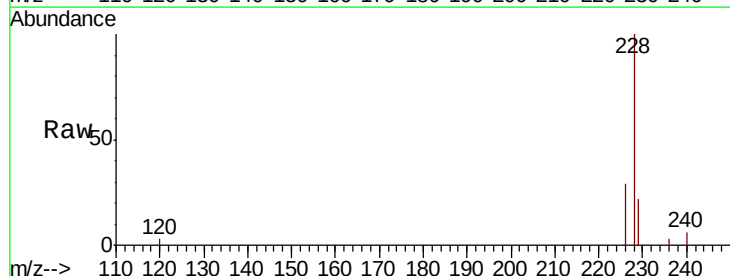
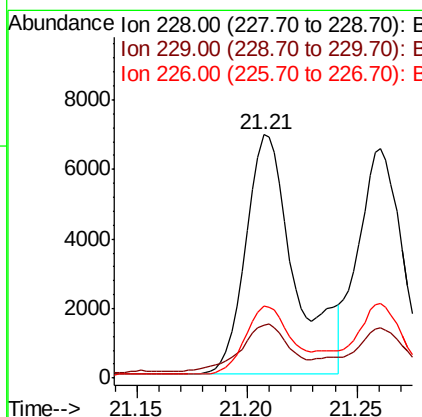
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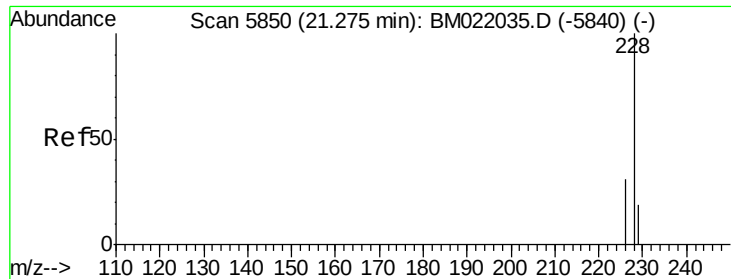
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#18
Benzo(a)anthracene
Concen: 0.852 ng/ul
RT: 21.21 min Scan# 5823
Delta R.T. -0.02 min
Lab File: BM022039.D
Acq: 12 Aug 2019 19:33

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.0	17.2	25.8
226	29.4	22.6	34.0





#19

Chrysene

Concen: 0.570 ng/ul

RT: 21.26 min Scan# 5845

Delta R.T. -0.02 min

Lab File: BM022039.D

Acq: 12 Aug 2019 19:33

Instrument :

BNA_M

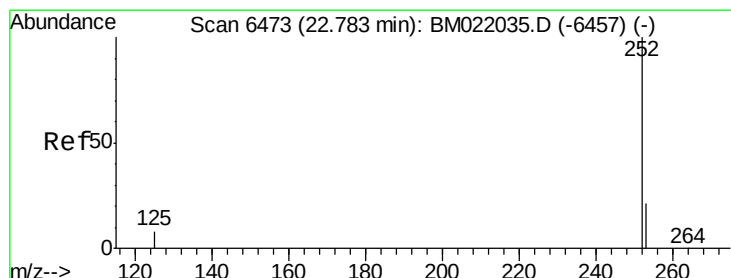
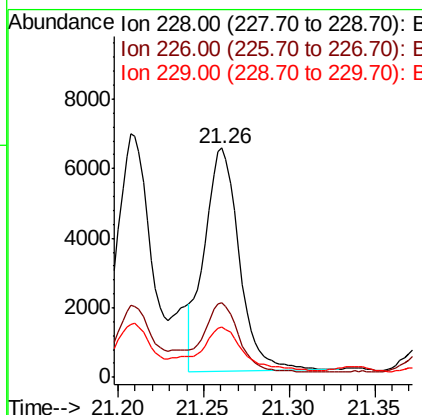
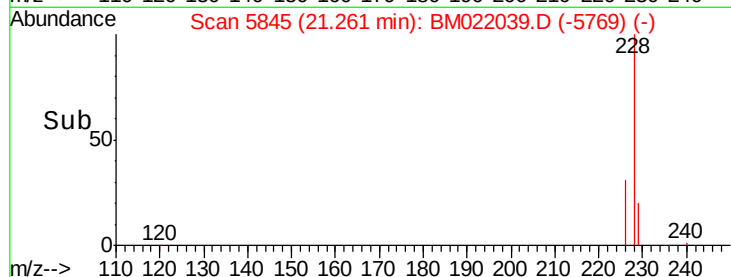
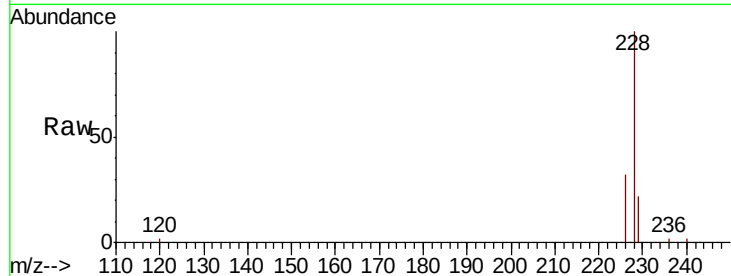
ClientSampleID :

BENX2DL

Tot Ion:	228	Resp:	9071
Ion Ratio	Lower	Upper	
228	100		
226	32.3	24.9	37.3
229	22.2	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 0.774 ng/ul m

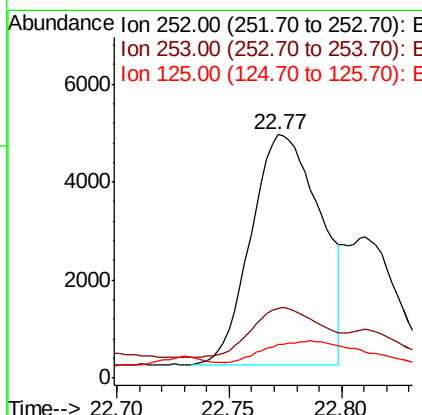
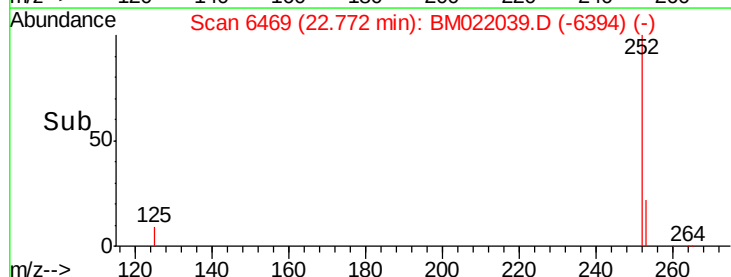
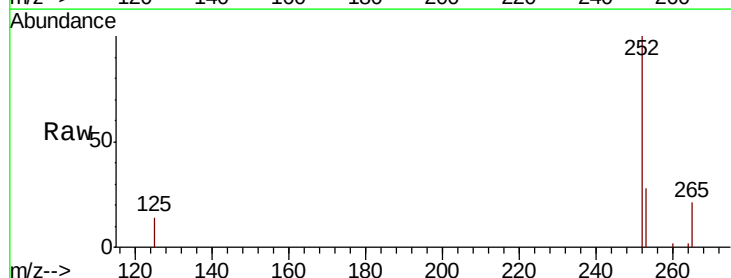
RT: 22.77 min Scan# 6469

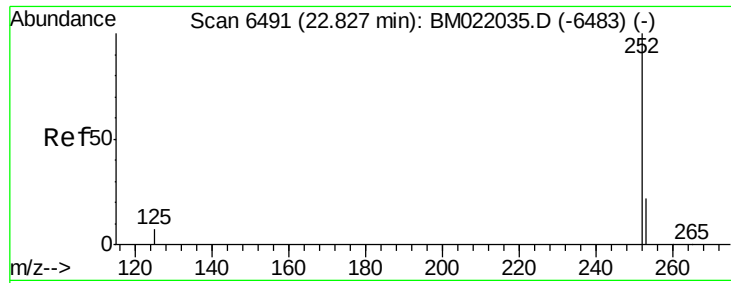
Delta R.T. -0.02 min

Lab File: BM022039.D

Acq: 12 Aug 2019 19:33

Tgt Ion:	252	Resp:	10054
Ion Ratio	Lower	Upper	
252	100		
253	28.4	0.0	67.4
125	13.7	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.303 ng/ul m

RT: 22.81 min Scan# 6485

Delta R.T. -0.02 min

Lab File: BM022039.D

Acq: 12 Aug 2019 19:33

Instrument :

BNA_M

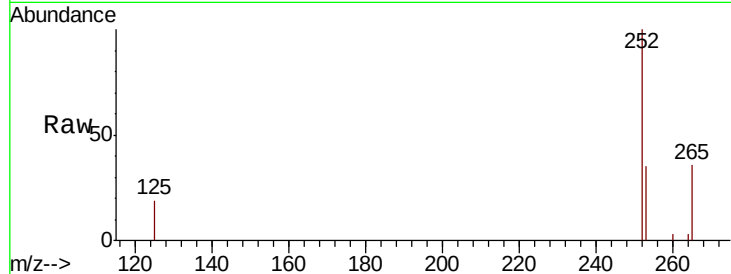
ClientSampleId :

BENX2DL

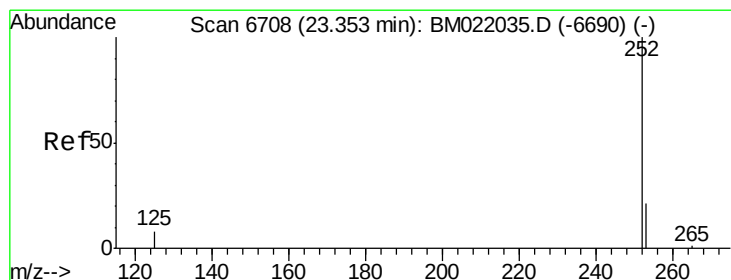
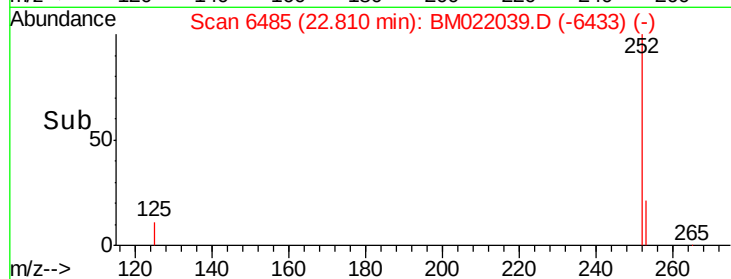
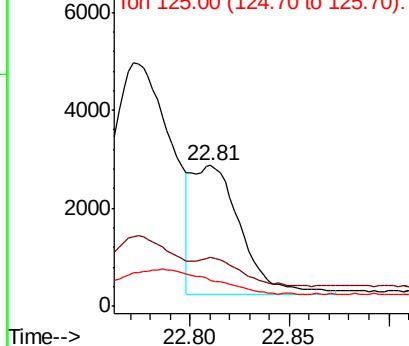
Tot Ion:	252	Resp:	4456
Ion Ratio	Lower	Upper	
252	100		
253	34.6	27.0	40.4
125	18.6	12.2	18.2#

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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



#23

Benzo(a)pyrene

Concen: 0.652 ng/ul

RT: 23.33 min Scan# 6701

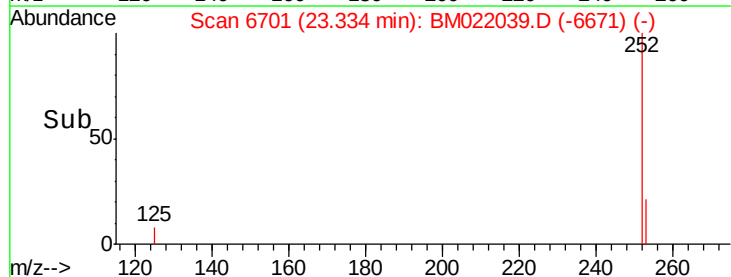
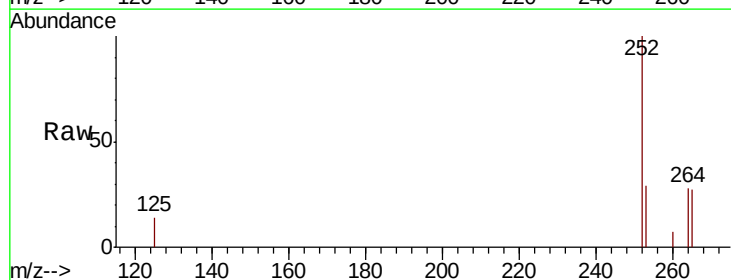
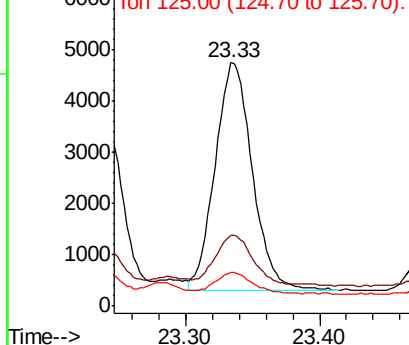
Delta R.T. -0.03 min

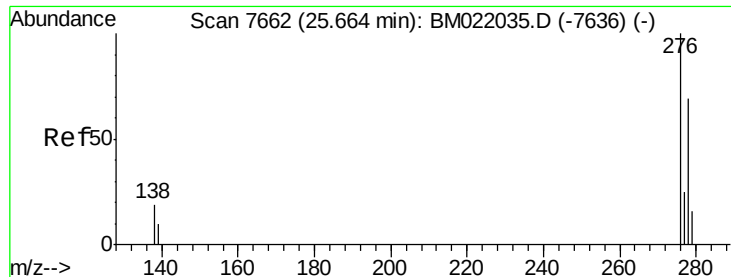
Lab File: BM022039.D

Acq: 12 Aug 2019 19:33

Tgt Ion:	252	Resp:	8611
Ion Ratio	Lower	Upper	
252	100		
253	28.9	31.7	47.5#
125	13.8	14.6	21.8#

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





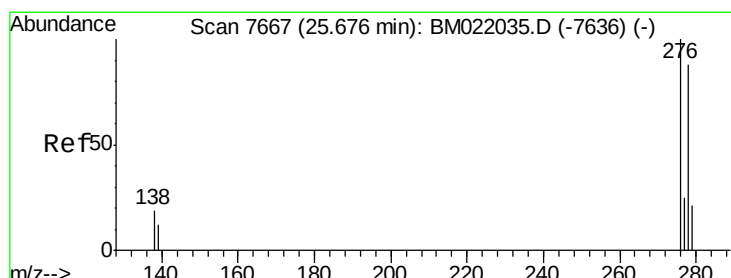
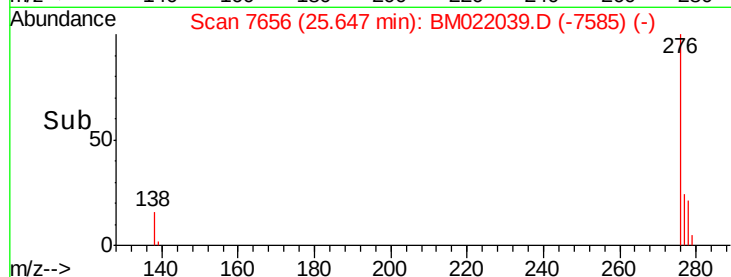
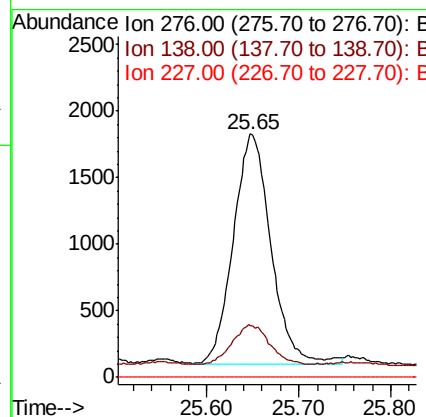
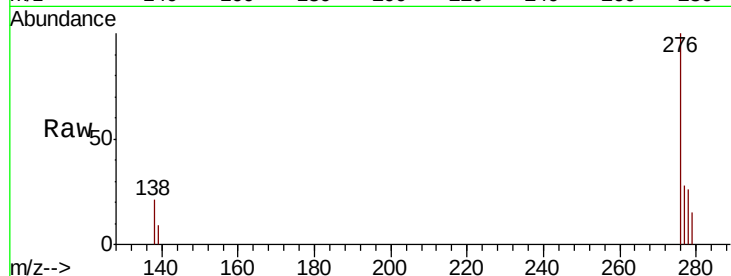
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.311 ng/ul
RT: 25.65 min Scan# 7656
Delta R.T. -0.03 min
Lab File: BM022039.D
Acq: 12 Aug 2019 19:33

Instrument :
BNA_M
ClientSampleId :
BENX2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.3	15.1	22.7
227	0.0	0.0	0.0

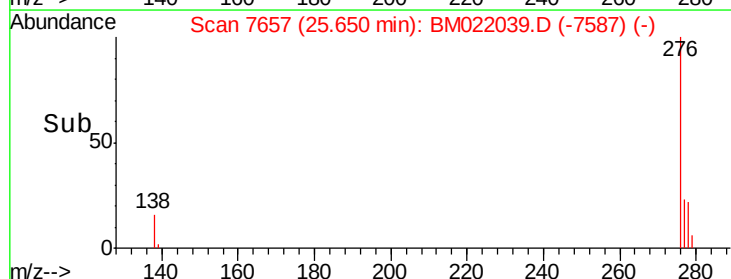
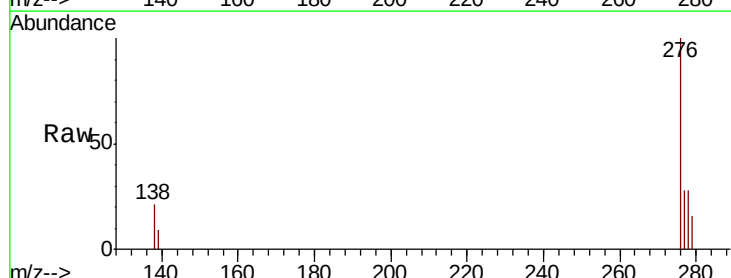
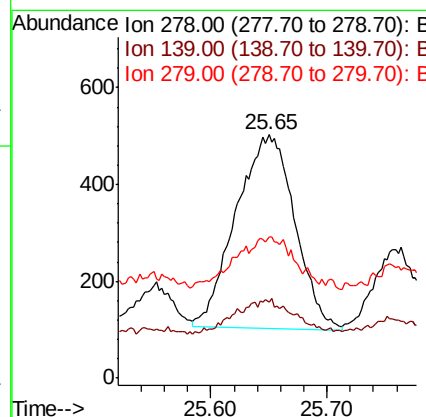
Manual Integrations
APPROVED

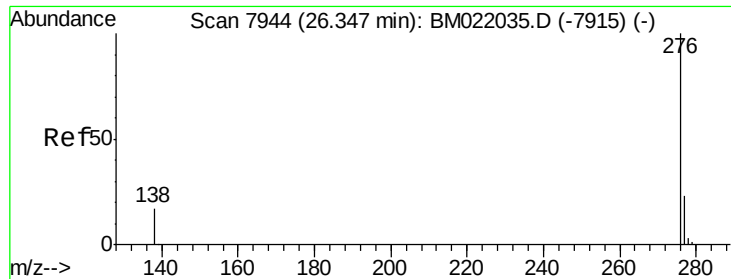
mohammad
8/14/2019 2:47:41 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.110 ng/ul
RT: 25.65 min Scan# 7657
Delta R.T. -0.03 min
Lab File: BM022039.D
Acq: 12 Aug 2019 19:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.2	14.2	21.2#
279	58.1	28.3	42.5#





#26
 Benzo(a,h,i)perylene
 Concen: 0.365 ng/ul
 RT: 26.33 min Scan# 7938
 Delta R.T. -0.03 min
 Lab File: BM022039.D
 Acq: 12 Aug 2019 19:33

Instrument :
 BNA_M
 ClientSampleId :
 BENX2DL

Tot Ion:	276	Resp:	5176
Ion Ratio	Lower	Upper	
276	100		
138	21.9	15.5	23.3
277	28.4	21.4	32.2

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:47:41 AM

