

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008400.D
 Acq On : 24 Oct 2019 22:36
 Operator : JU
 Sample : K5236-01DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPC2DL

Manual Integrations
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Quant Time: Oct 25 00:58:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1574	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.33	136	7731	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5051	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.96	188	10975	0.40	ng/ul	-0.02
16) Chrysene-d12	21.16	240	10680	0.40	ng/ul	-0.02
20) Perylene-d12	23.33	264	8985	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	456	0.03	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	1516	0.04	ng/ul	-0.02
Target Compounds				Ovalue		
7) Acenaphthylene	13.93	152	1667	0.069	ng/ul#	90
8) Acenaphthene	14.27	153	405	0.022	ng/ul#	93
9) Fluorene	15.26	166	575	0.027	ng/ul#	95
12) Phenanthrene	17.00	178	11286	0.351	ng/ul	99
13) Anthracene	17.09	178	2823	0.100	ng/ul#	93
15) Fluoranthene	19.02	202	31943	0.753	ng/ul	96
17) Pyrene	19.39	202	34233	0.805	ng/ul	97
18) Benzo(a)anthracene	21.15	228	19689	0.507	ng/ul	96
19) Chrysene	21.20	228	19851	0.417	ng/ul	98
21) Benzo(b)fluoranthene	22.69	252	22394m	0.766	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	7659m	0.231	ng/ul	
23) Benzo(a)pyrene	23.24	252	15536	0.505	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.48	276	9692	0.267	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.48	278	2322	0.081	ng/ul#	75
26) Benzo(g,h,i)perylene	26.13	276	9576	0.288	ng/ul	96

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

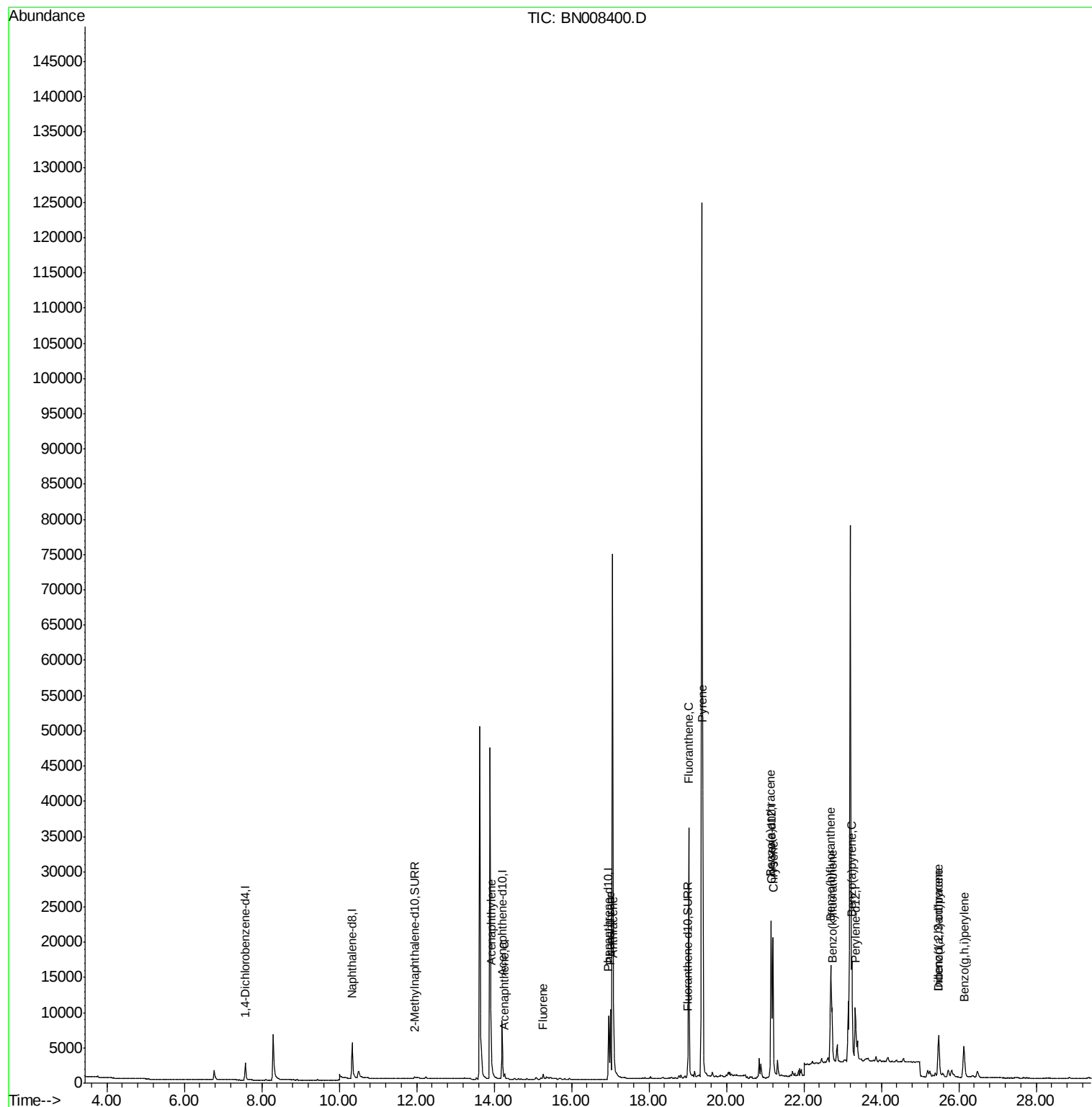
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008400.D
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Sample : K5236-01DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

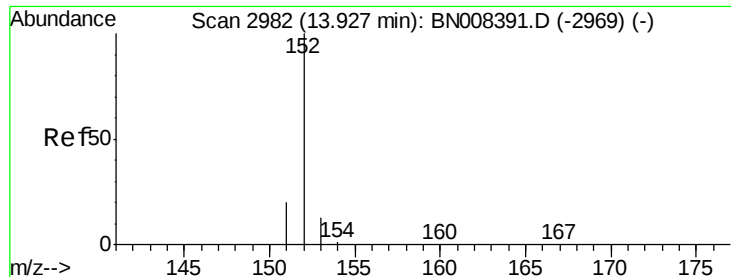
Instrument :
BNA_N
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BEPC2DL

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Quant Time: Oct 25 00:58:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.069 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.02 min

Lab File: BN008400.D

Acq: 24 Oct 2019 22:36

Instrument :

BNA_N

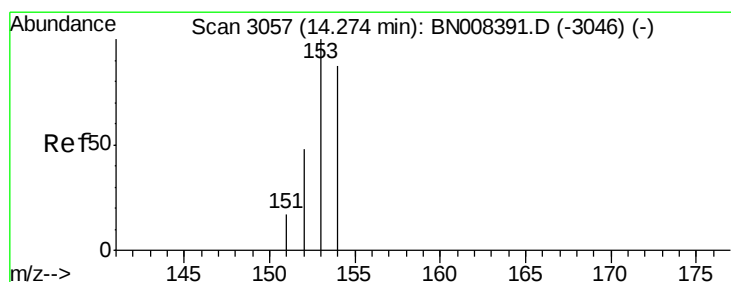
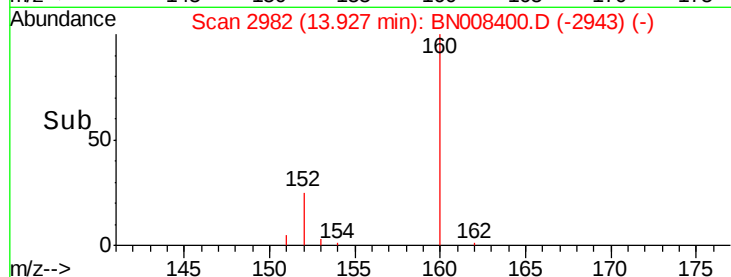
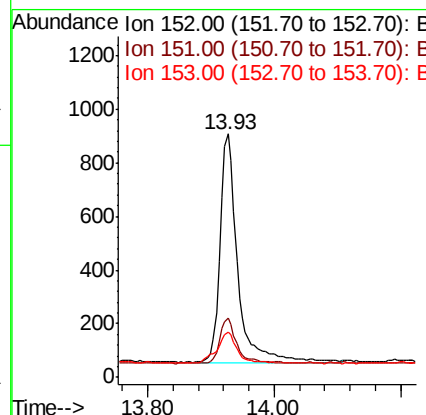
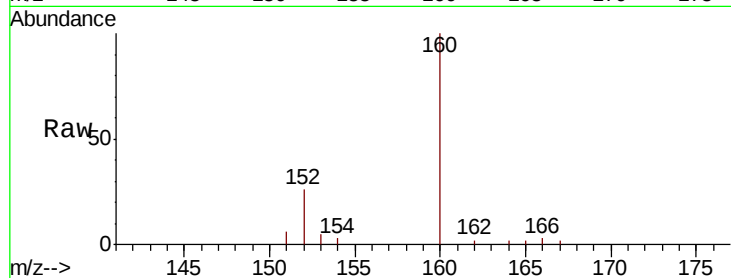
ClientSampleId :

BEPC2DL

Tot Ion:	152	Resp:	1667
Ion Ratio	Lower	Upper	
152	100		
151	24.3	16.2	24.4
153	18.5	11.0	16.4

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#8

Acenaphthene

Concen: 0.022 ng/ul

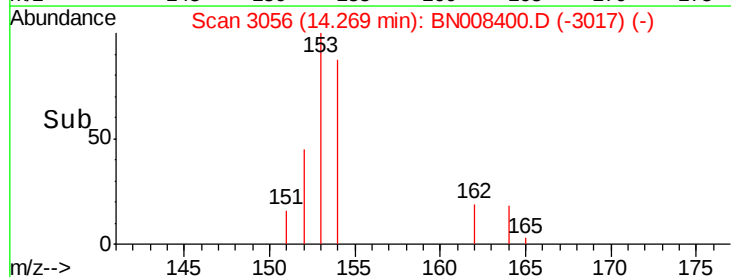
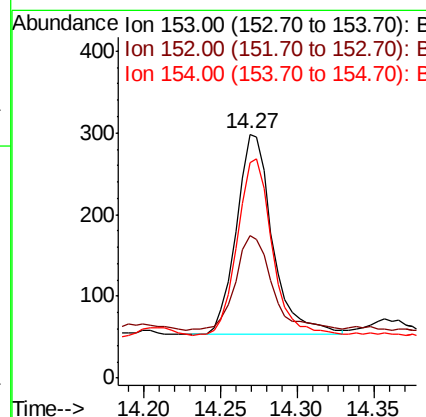
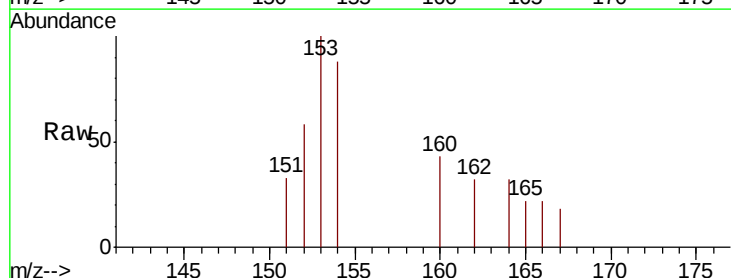
RT: 14.27 min Scan# 3056

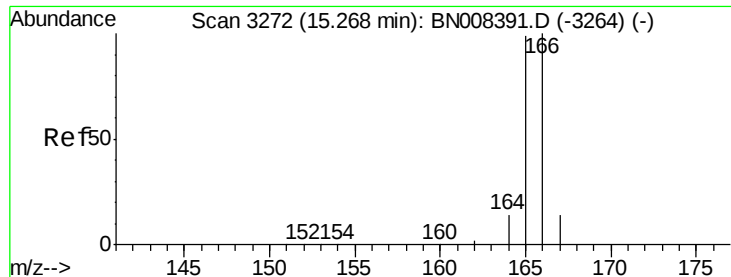
Delta R.T. -0.02 min

Lab File: BN008400.D

Acq: 24 Oct 2019 22:36

Tgt Ion:	153	Resp:	405
Ion Ratio	Lower	Upper	
153	100		
152	58.4	38.2	57.2
154	88.3	71.8	107.8





#9

Fluorene

Concen: 0.027 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.02 min

Lab File: BN008400.D

Acq: 24 Oct 2019 22:36

Instrument :

BNA_N

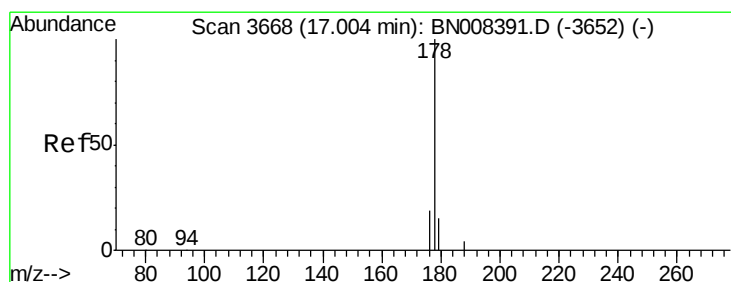
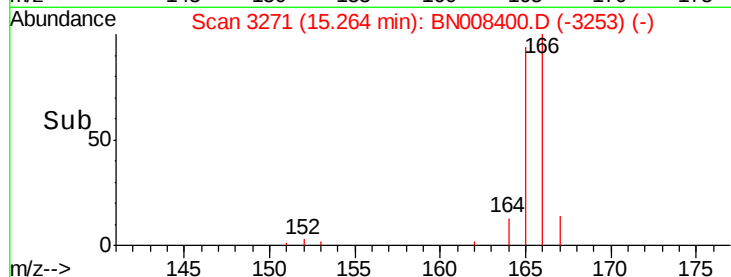
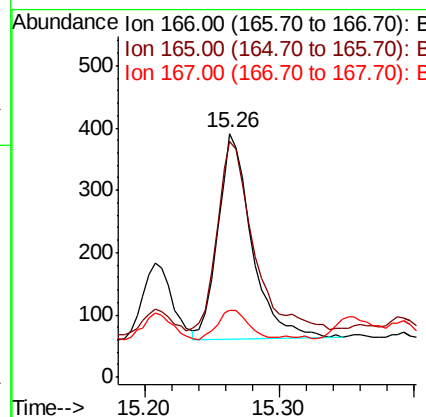
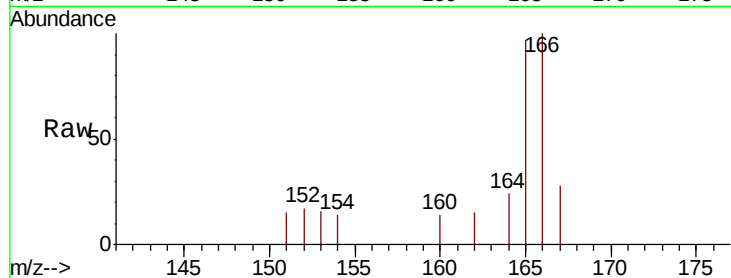
ClientSampled :

BEPC2DL

Tot Ion:	166	Resp:	575
Ion Ratio	Lower	Upper	
166	100		
165	96.9	76.6	115.0
167	27.6	11.7	17.5#

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#12

Phenanthrene

Concen: 0.351 ng/ul

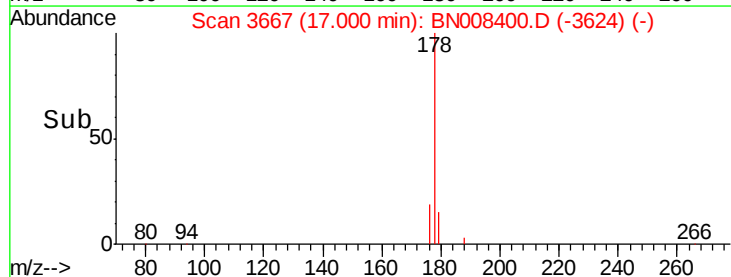
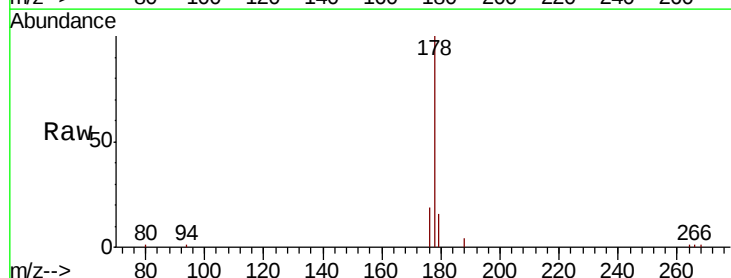
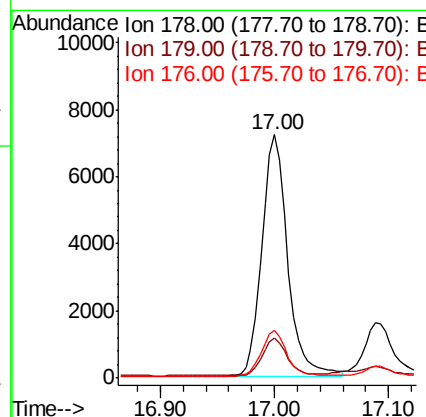
RT: 17.00 min Scan# 3667

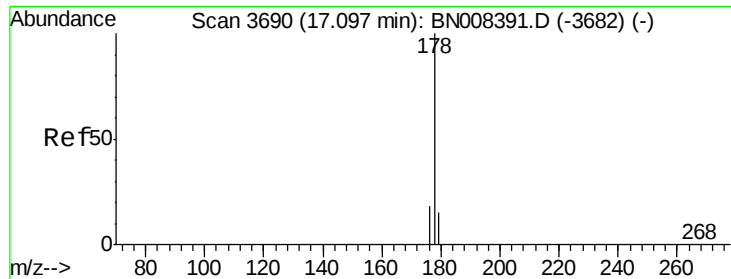
Delta R.T. -0.02 min

Lab File: BN008400.D

Acq: 24 Oct 2019 22:36

Tgt Ion:	178	Resp:	11286
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.8	19.2
176	19.5	15.4	23.2





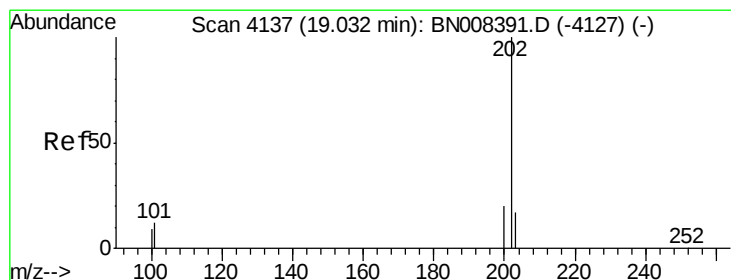
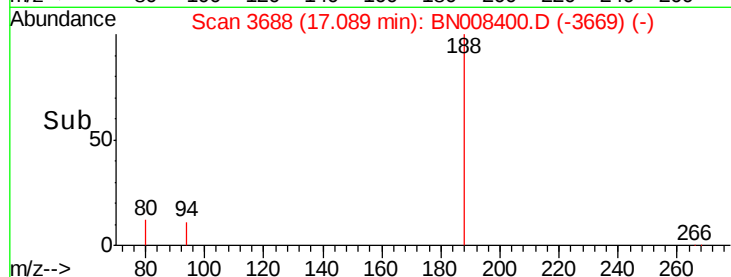
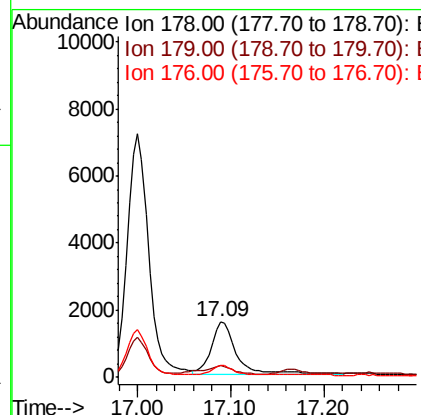
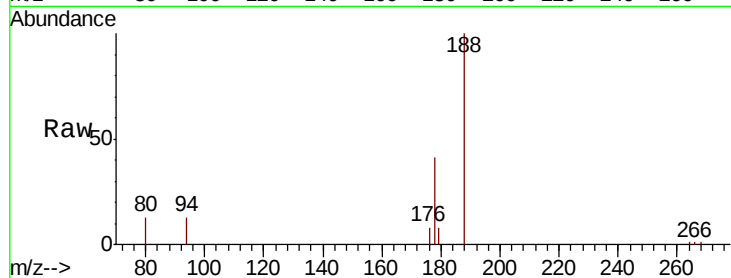
#13
 Anthracene
 Concen: 0.100 ng/ul
 RT: 17.09 min Scan# 3688
 Delta R.T. -0.02 min
 Lab File: BN008400.D
 Acq: 24 Oct 2019 22:36

Instrument :
 BNA_N
 ClientSampleId :
 BEPC2DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.6	13.0	19.6#
176	20.5	15.0	22.6

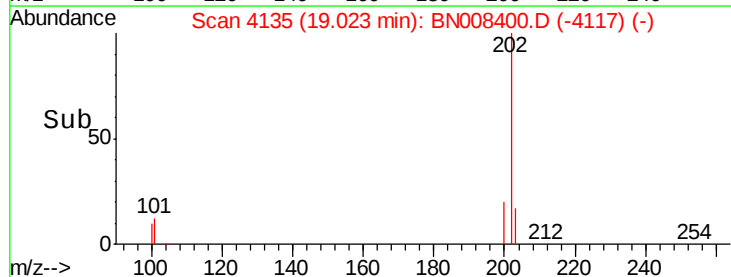
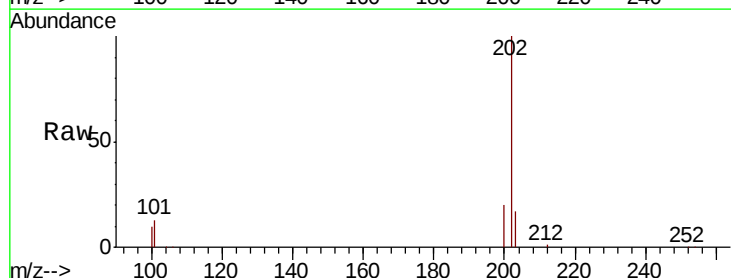
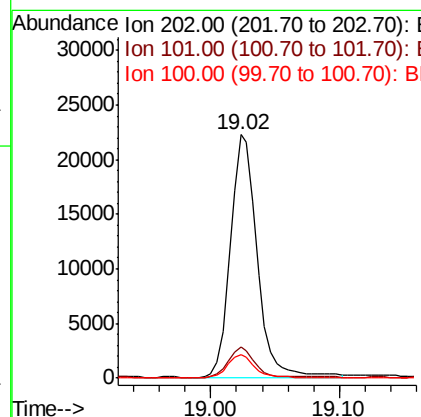
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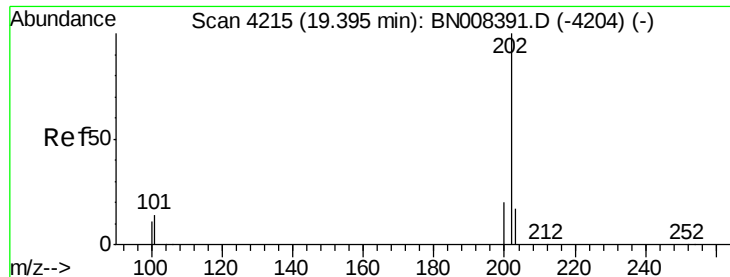
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#15
 Fluoranthene
 Concen: 0.753 ng/ul
 RT: 19.02 min Scan# 4135
 Delta R.T. -0.02 min
 Lab File: BN008400.D
 Acq: 24 Oct 2019 22:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.2
100	9.8	0.0	28.5





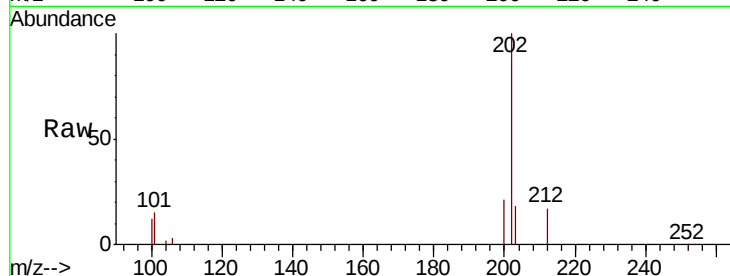
#17
Pvrene
Concen: 0.805 ng/ul
RT: 19.39 min Scan# 4213
Delta R.T. -0.02 min
Lab File: BN008400.D
Acq: 24 Oct 2019 22:36

Instrument :
BNA_N
ClientSampleId :
BEPC2DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.8	10.9	16.3
100	12.4	8.7	13.1

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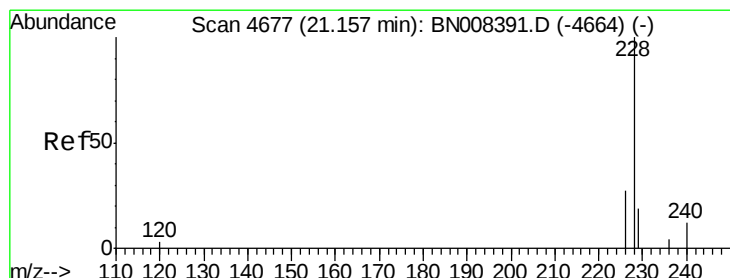
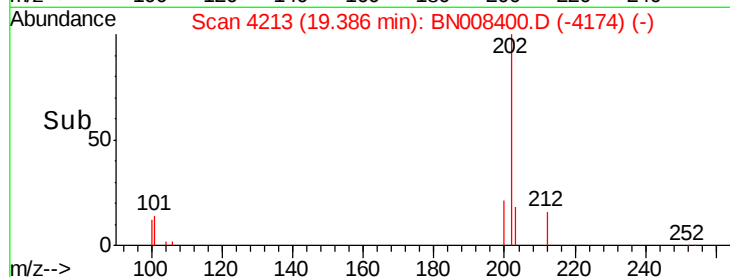
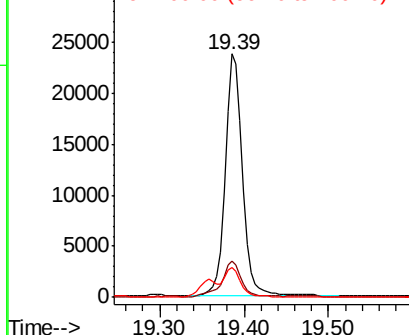


Abundance

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): E



#18
Benzo(a)anthracene
Concen: 0.507 ng/ul
RT: 21.15 min Scan# 4674
Delta R.T. -0.02 min
Lab File: BN008400.D
Acq: 24 Oct 2019 22:36

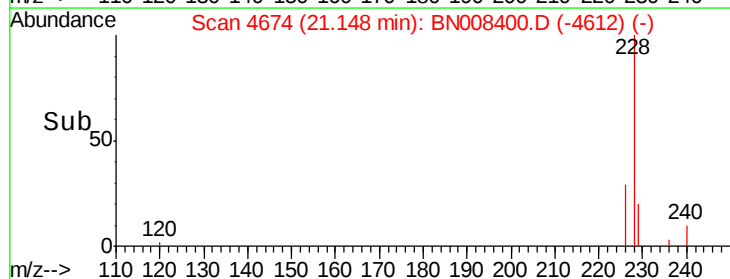
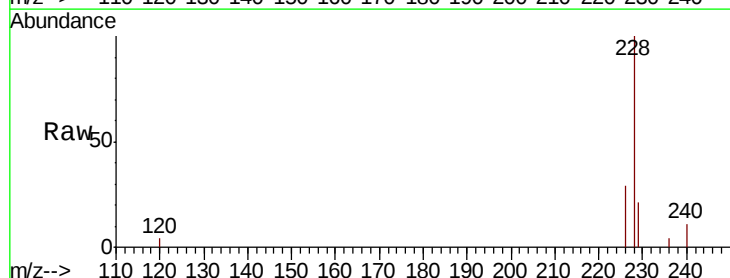
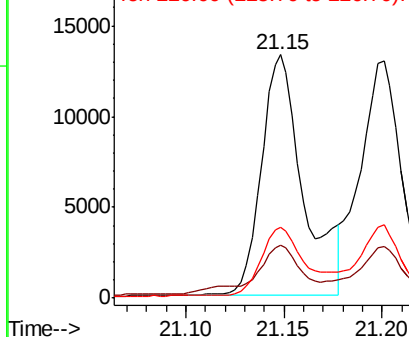
Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.2	24.2
226	29.3	21.4	32.0

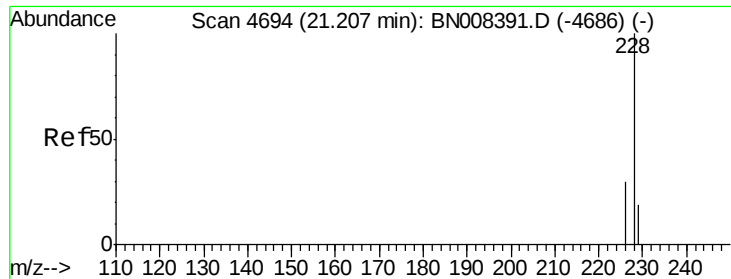
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.417 ng/ul

RT: 21.20 min Scan# 4692

Delta R.T. -0.01 min

Lab File: BN008400.D

Acq: 24 Oct 2019 22:36

Instrument :

BNA_N

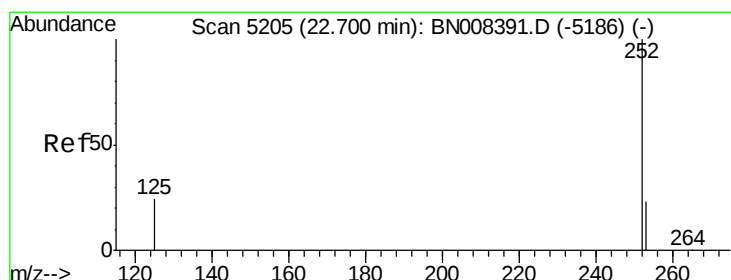
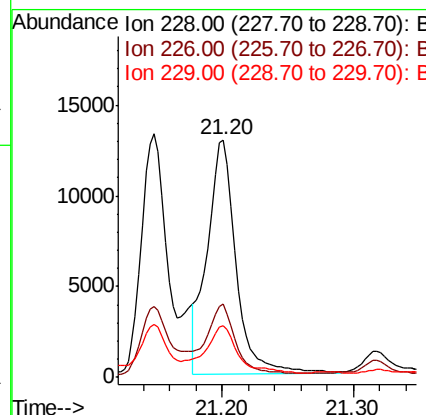
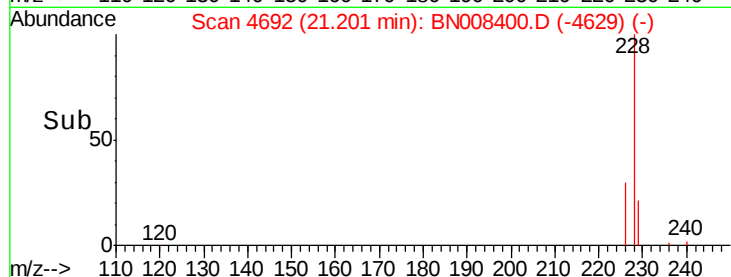
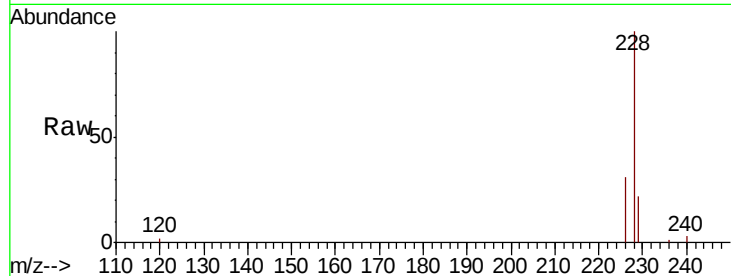
ClientSampleId :

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Tot Ion:	228	Resp:	19851
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.1	36.1
229	22.0	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 0.766 ng/ul m

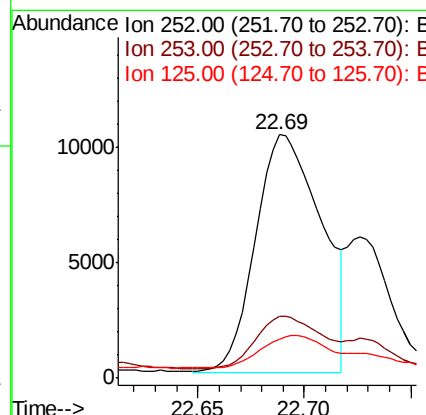
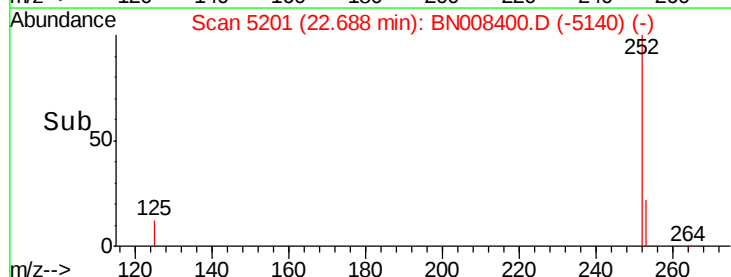
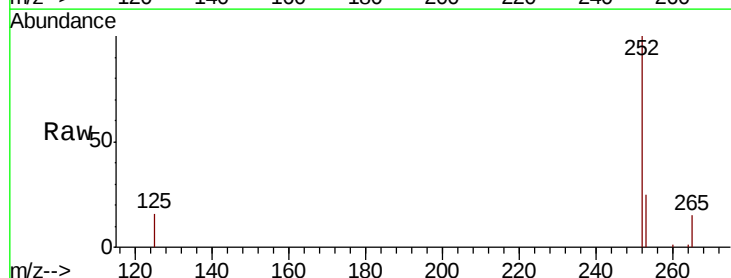
RT: 22.69 min Scan# 5201

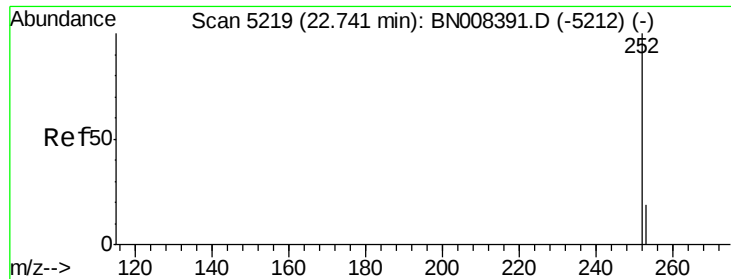
Delta R.T. -0.02 min

Lab File: BN008400.D

Acq: 24 Oct 2019 22:36

Tgt Ion:	252	Resp:	22394
Ion Ratio	Lower	Upper	
252	100		
253	25.4	0.0	53.4
125	16.1	0.0	32.4





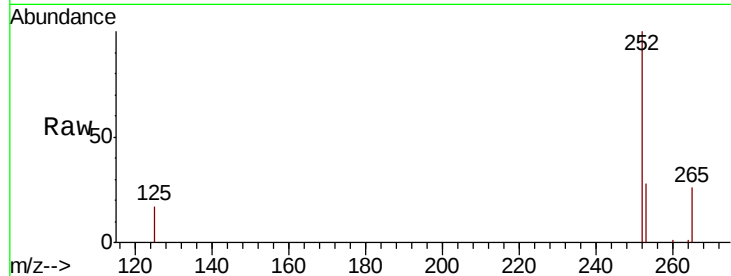
#22
Benzo(k)fluoranthene
Concen: 0.231 ng/ul m
RT: 22.73 min Scan# 5214
Delta R.T. -0.03 min
Lab File: BN008400.D
Acq: 24 Oct 2019 22:36

Instrument :
BNA_N
ClientSampleId :
BEPC2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.9	21.3	31.9
125	17.4	12.3	18.5

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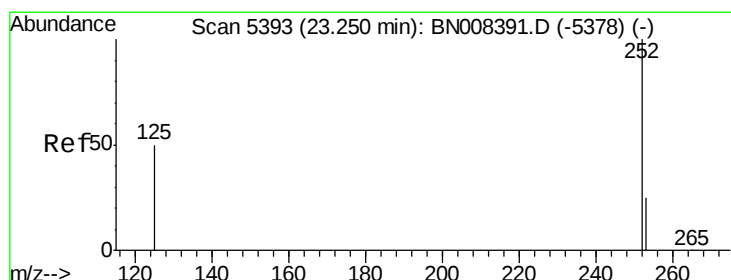
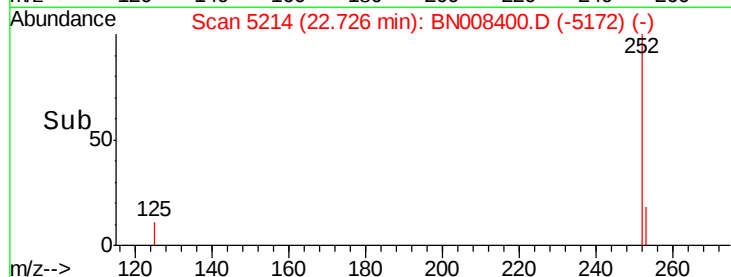
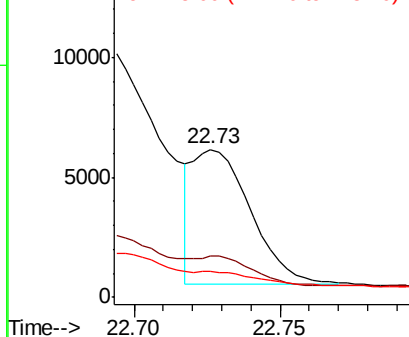


Abundance

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: 0.505 ng/ul
RT: 23.24 min Scan# 5389
Delta R.T. -0.02 min
Lab File: BN008400.D
Acq: 24 Oct 2019 22:36

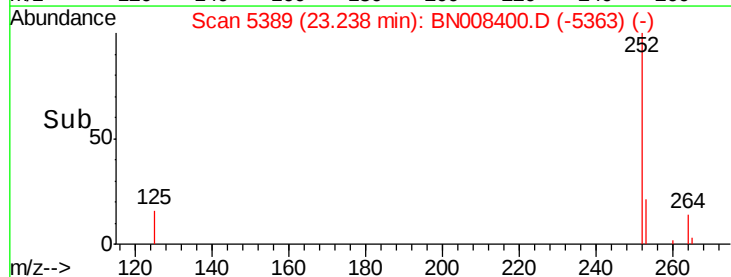
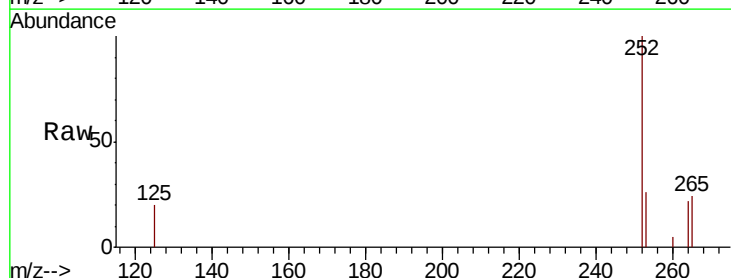
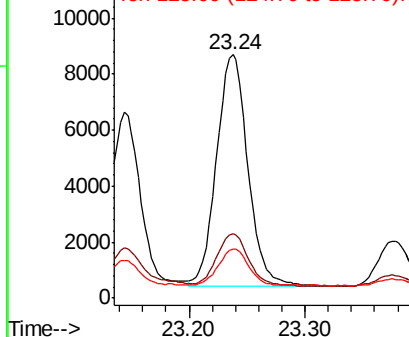
Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	22.8	34.2
125	20.2	18.4	27.6

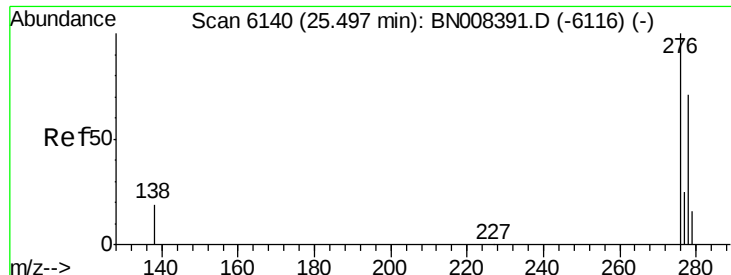
Abundance

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





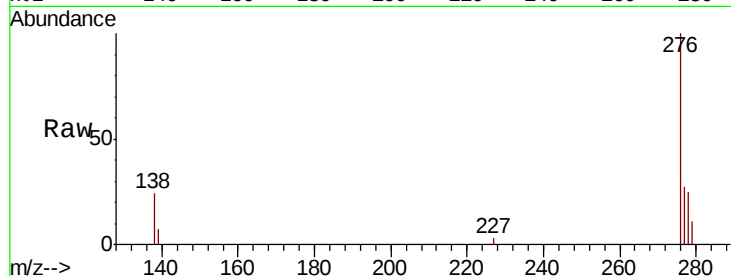
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.267 ng/ul
RT: 25.48 min Scan# 6134
Delta R.T. -0.03 min
Lab File: BN008400.D
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BEPC2DL

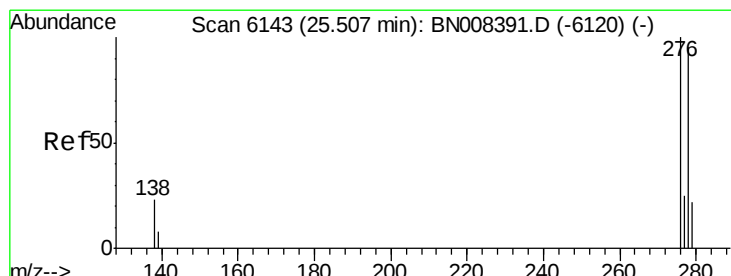
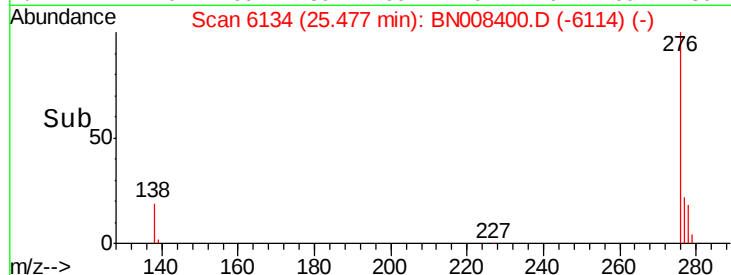
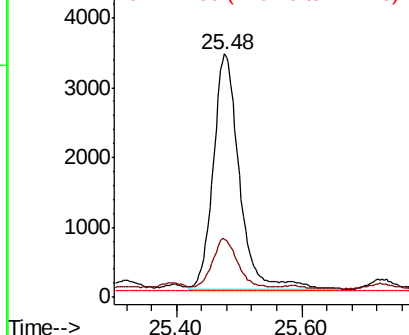
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.1	24.1
227	0.1	0.2	0.2

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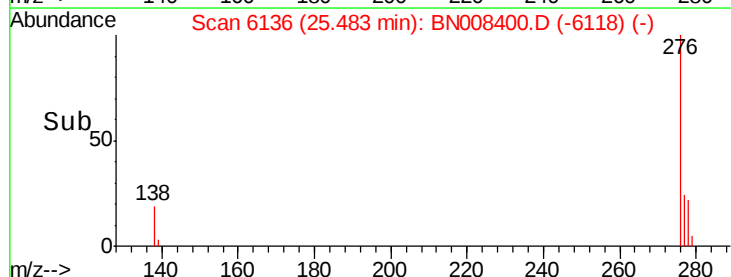
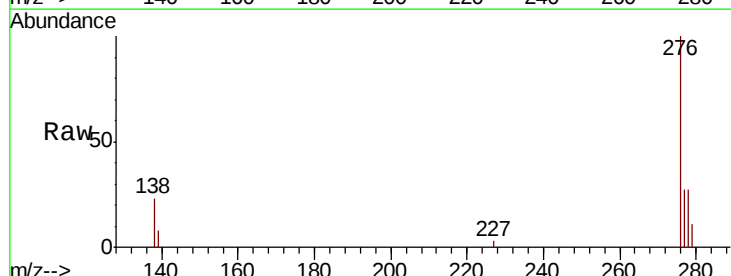
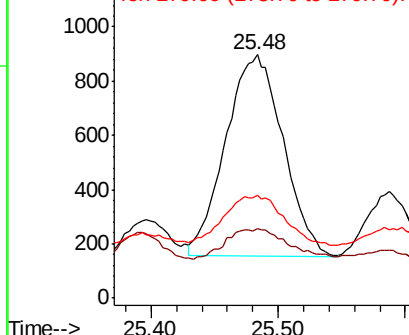
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

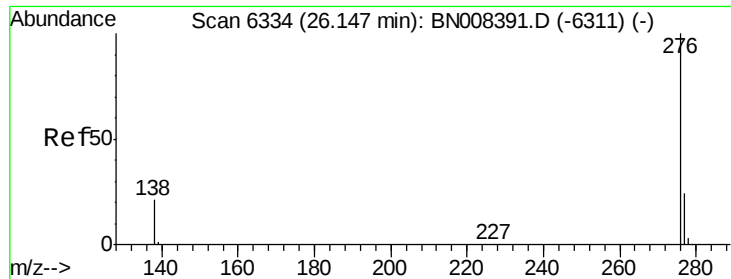


#25
Dibenzo(a,h)anthracene
Concen: 0.081 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. -0.04 min
Lab File: BN008400.D
Acq: 24 Oct 2019 22:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.7	15.0	22.6
279	42.1	22.4	33.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





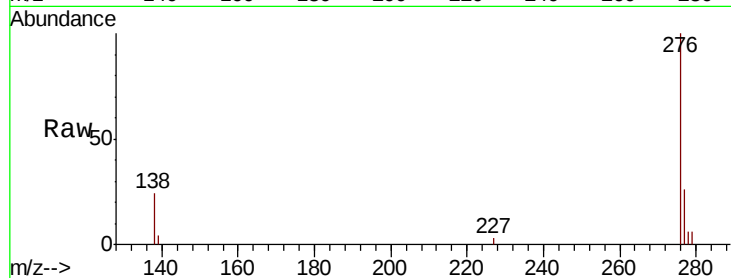
#26
 Benzo(a,h,i)perylene
 Concen: 0.288 ng/ul
 RT: 26.13 min Scan# 6330
 Delta R.T. -0.03 min
 Lab File: BN008400.D
 Acq: 24 Oct 2019 22:36

Instrument :
 BNA_N
 ClientSampleId :
 BEPC2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	17.0	25.4
277	26.3	20.4	30.6

Manual Integrations
 APPROVED

mohammad
 10/25/2019 8:06:15 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

