

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
 Data File : BN008395.D
 Acq On : 24 Oct 2019 19:37
 Operator : JU
 Sample : K5235-07DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPC5DL

Manual Integrations
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mohammad
 10/25/2019 8:06:00 AM

Quant Time: Oct 24 20:10:36 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	7.58	152	1639	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	8007	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5227	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.96	188	10805	0.40	ng/ul	-0.02
16) Chrysene-d12	21.17	240	8594	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	6792	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	292	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	961	0.03	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.39	128	476	0.021	ng/ul#	61
7) Acenaphthylene	13.93	152	1397	0.056	ng/ul#	87
8) Acenaphthene	14.27	153	623	0.032	ng/ul	95
9) Fluorene	15.27	166	989	0.045	ng/ul#	93
12) Phenanthrene	17.00	178	19433	0.614	ng/ul	100
13) Anthracene	17.09	178	5724	0.206	ng/ul	97
15) Fluoranthene	19.03	202	37075	0.887	ng/ul	98
17) Pyrene	19.39	202	45355	1.325	ng/ul	99
18) Benzo(a)anthracene	21.15	228	23880	0.764	ng/ul	97
19) Chrysene	21.20	228	25245	0.658	ng/ul	98
21) Benzo(b)fluoranthene	22.69	252	21030m	0.951	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	10351m	0.413	ng/ul	
23) Benzo(a)pyrene	23.24	252	16257	0.699	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.48	276	10646	0.388	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.49	278	4256	0.196	ng/ul#	89
26) Benzo(g,h,i)perylene	26.14	276	10615	0.422	ng/ul	97

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

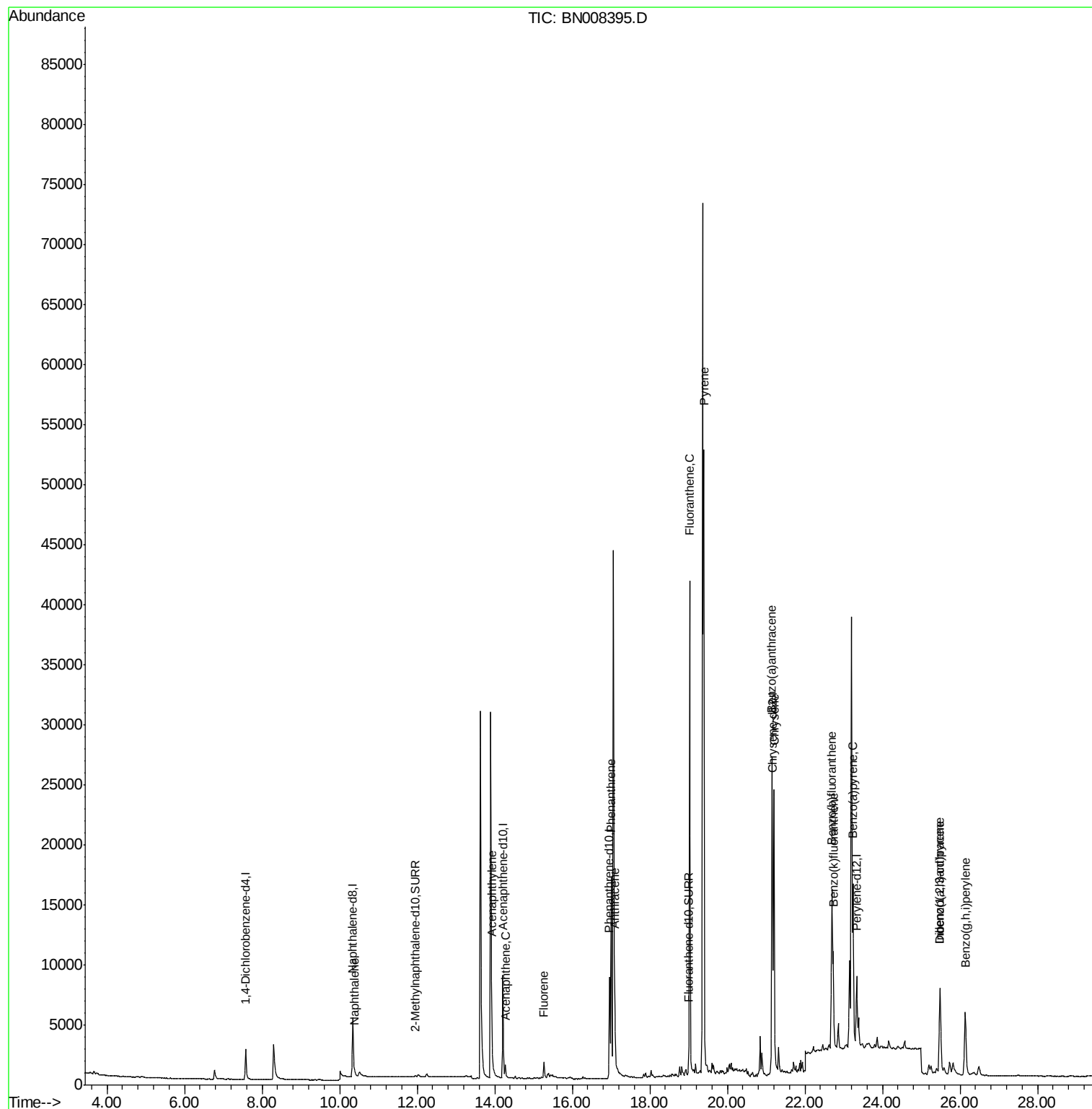
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
Data File : BN008395.D
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ALS Vial : 18 Sample Multiplier: 1

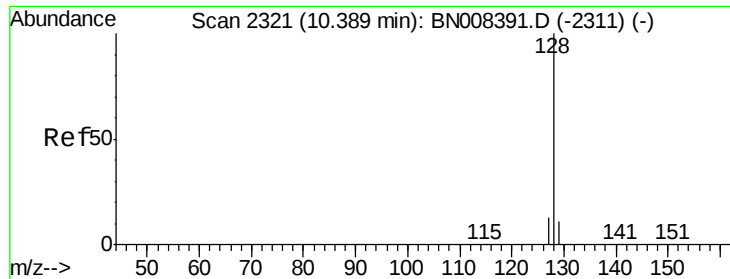
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BEPC5DL

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Quant Time: Oct 24 20:10:36 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





#3

Naphthalene

Concen: 0.021 ng/ul

RT: 10.39 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BN008395.D

Acq: 24 Oct 2019 19:37

Instrument :

BNA_N

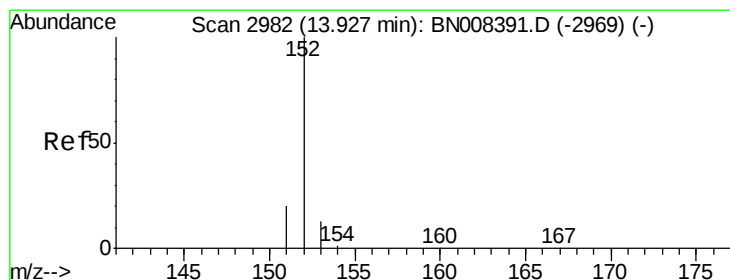
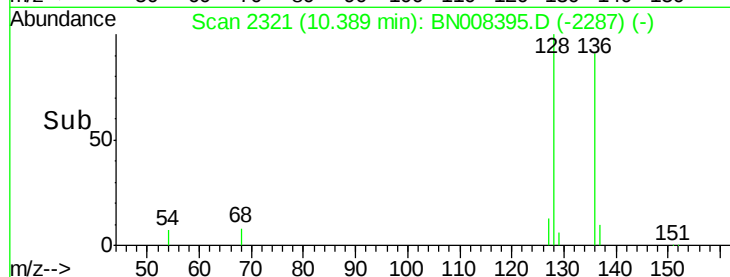
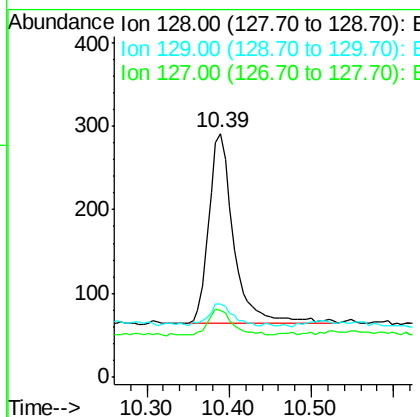
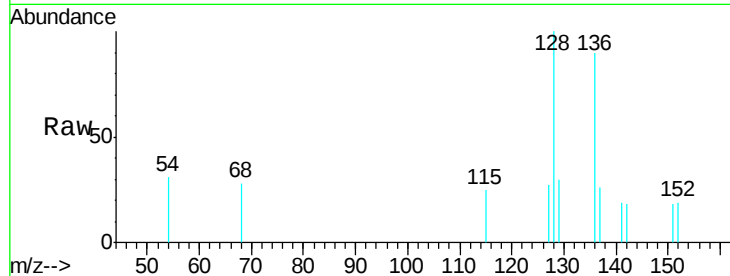
ClientSampleId :

BEPC5DL

Tgt Ion:	128	Resp:	476
Ion Ratio	Lower	Upper	
128	100		
129	29.9	9.8	14.8#
127	27.5	11.1	16.7#

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#7

Acenaphthylene

Concen: 0.056 ng/ul

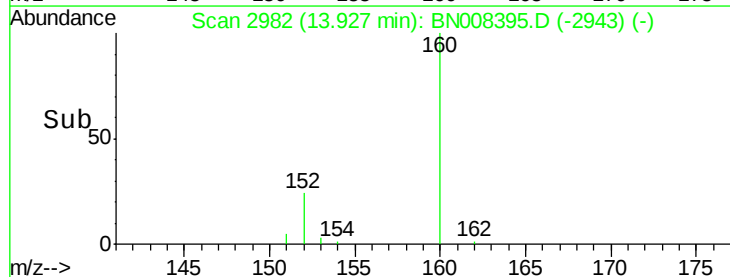
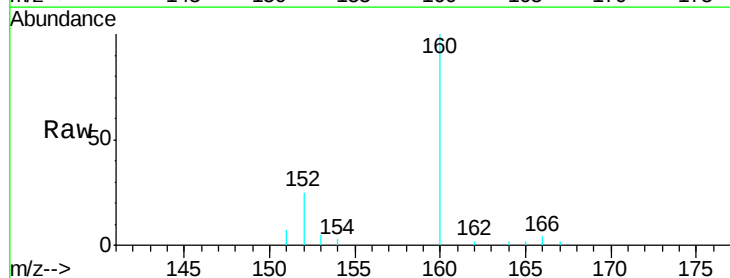
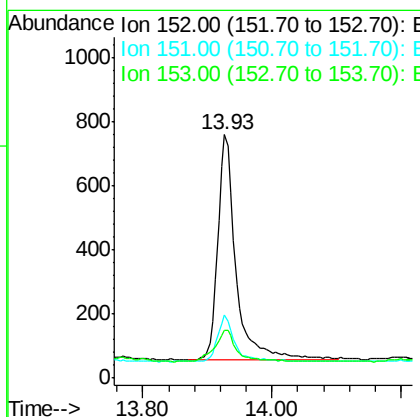
RT: 13.93 min Scan# 2982

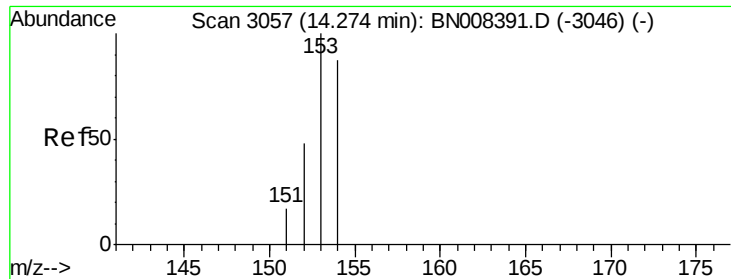
Delta R.T. -0.02 min

Lab File: BN008395.D

Acq: 24 Oct 2019 19:37

Tgt Ion:	152	Resp:	1397
Ion Ratio	Lower	Upper	
152	100		
151	26.1	16.2	24.4#
153	19.6	11.0	16.4#





#8

Acenaphthene

Concen: 0.032 ng/ul

RT: 14.27 min Scan# 3057

Delta R.T. -0.01 min

Lab File: BN008395.D

Acq: 24 Oct 2019 19:37

Instrument :

BNA_N

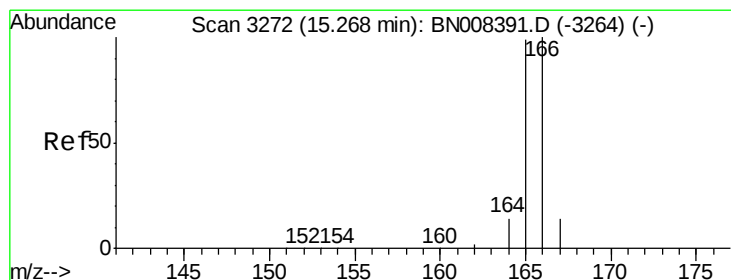
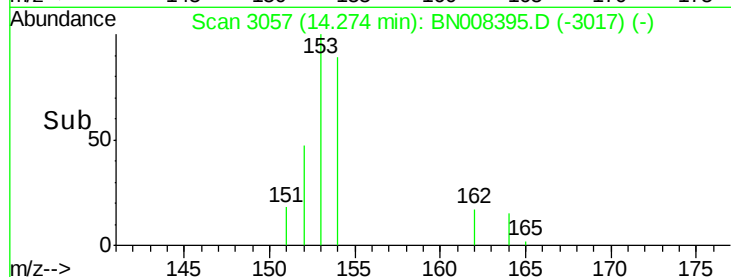
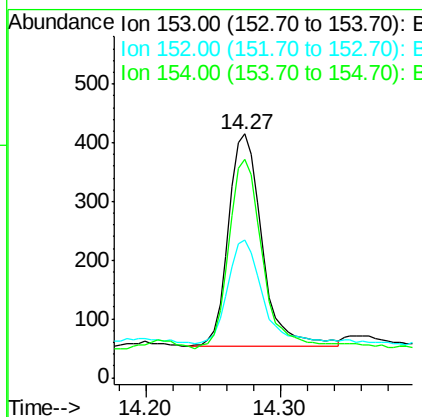
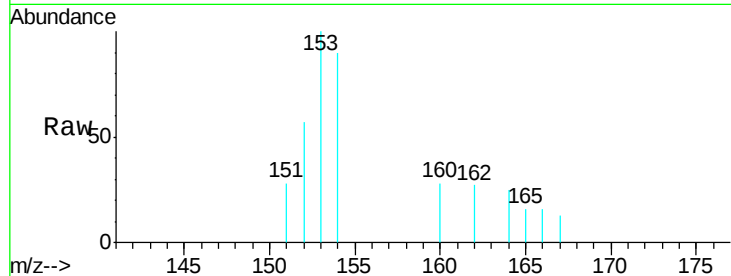
ClientSampleId :

BEPC5DL

Tgt Ion:	153	Resp:	623
Ion	Ratio	Lower	Upper
153	100		
152	56.6	38.2	57.2
154	89.6	71.8	107.8

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#9

Fluorene

Concen: 0.045 ng/ul

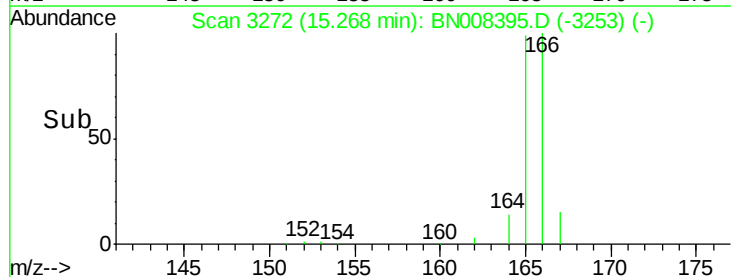
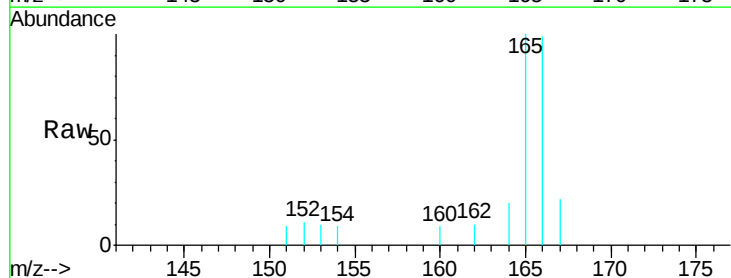
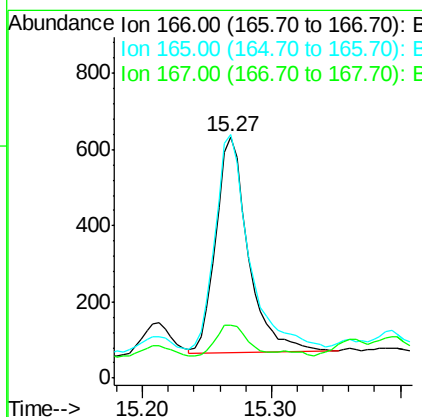
RT: 15.27 min Scan# 3272

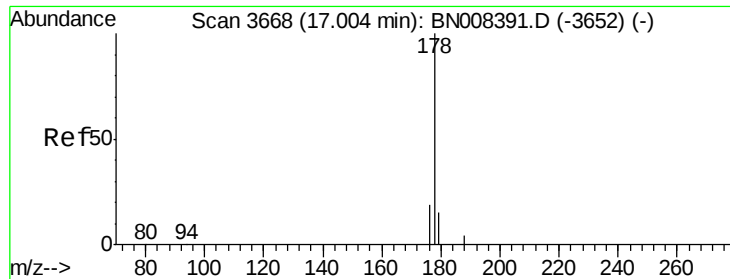
Delta R.T. -0.01 min

Lab File: BN008395.D

Acq: 24 Oct 2019 19:37

Tgt Ion:	166	Resp:	989
Ion	Ratio	Lower	Upper
166	100		
165	100.8	76.6	115.0
167	22.1	11.7	17.5#





#12

Phenanthrene

Concen: 0.614 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. -0.02 min

Lab File: BN008395.D

Acq: 24 Oct 2019 19:37

Instrument :

BNA_N

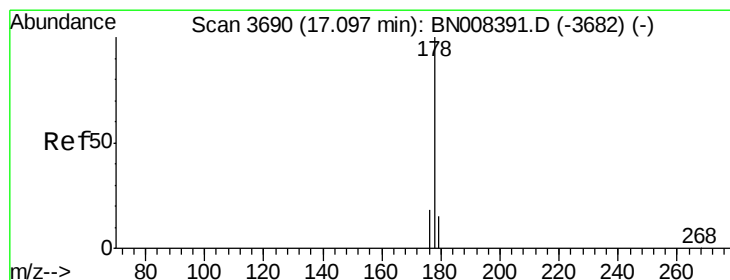
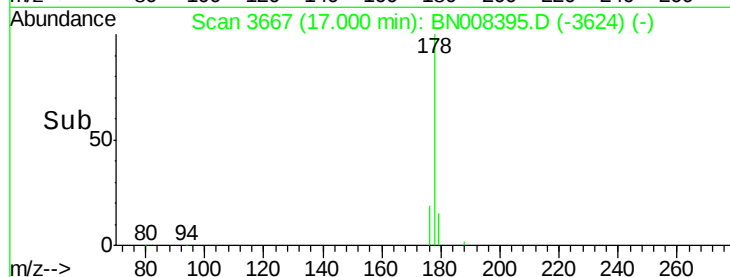
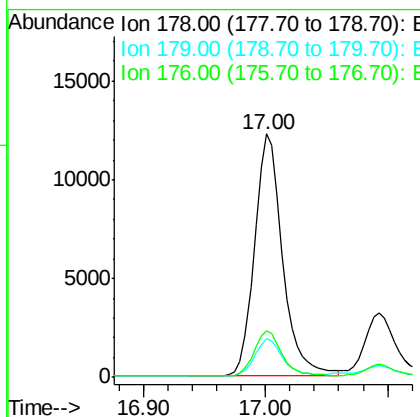
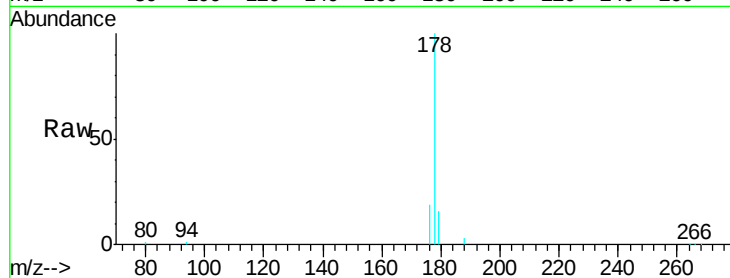
ClientSampleId :

BEPC5DL

Tgt Ion:	178	Resp:	19433
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.8	19.2
176	19.3	15.4	23.2

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#13

Anthracene

Concen: 0.206 ng/ul

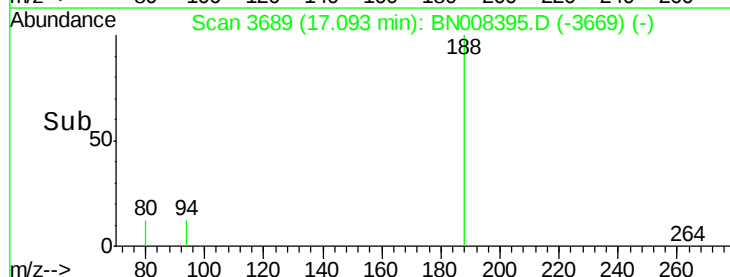
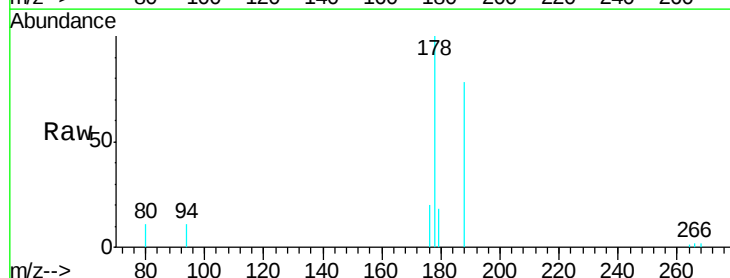
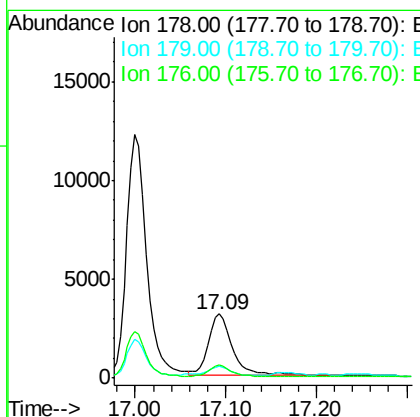
RT: 17.09 min Scan# 3689

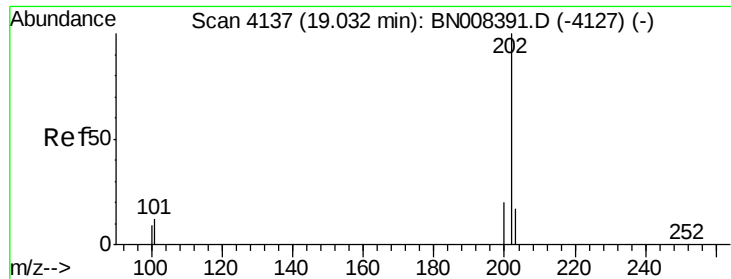
Delta R.T. -0.02 min

Lab File: BN008395.D

Acq: 24 Oct 2019 19:37

Tgt Ion:	178	Resp:	5724
Ion Ratio	Lower	Upper	
178	100		
179	18.3	13.0	19.6
176	19.9	15.0	22.6





#15

Fluoranthene

Concen: 0.887 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. -0.01 min

Lab File: BN008395.D

Acq: 24 Oct 2019 19:37

Instrument :

BNA_N

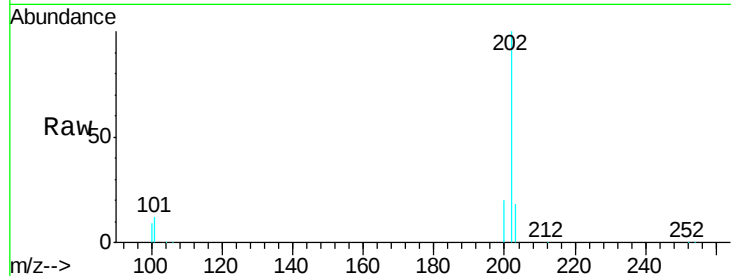
ClientSampleId :

BEPC5DL

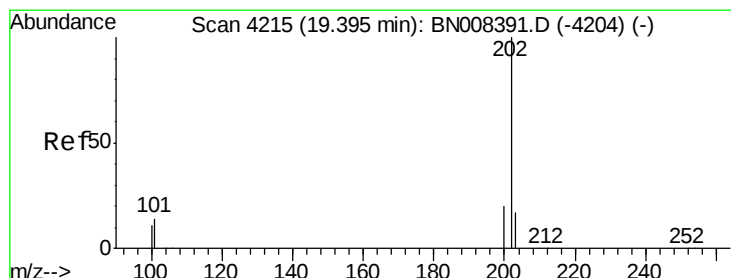
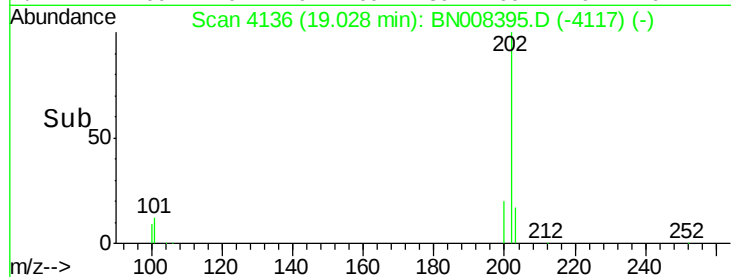
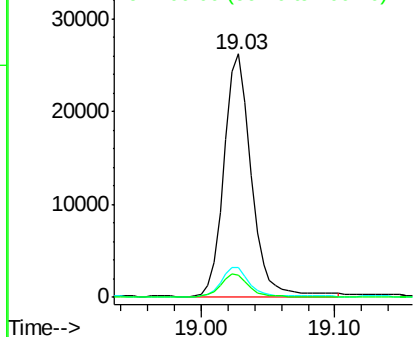
Tgt Ion:	202	Resp:	37075
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	31.2
100	9.0	0.0	28.5

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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: 1.325 ng/ul

RT: 19.39 min Scan# 4214

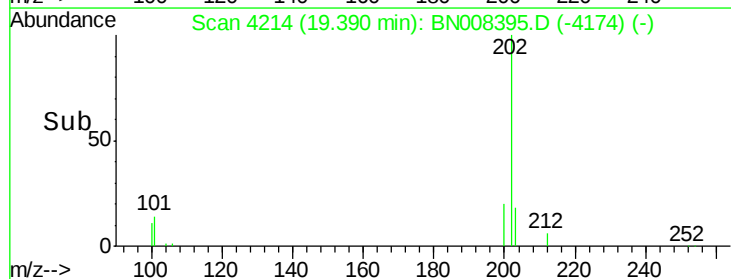
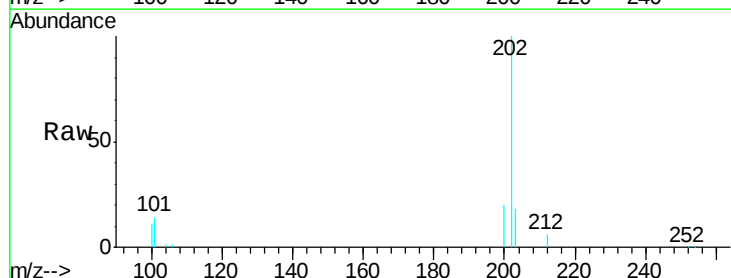
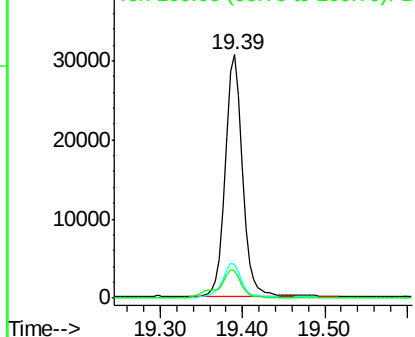
Delta R.T. -0.01 min

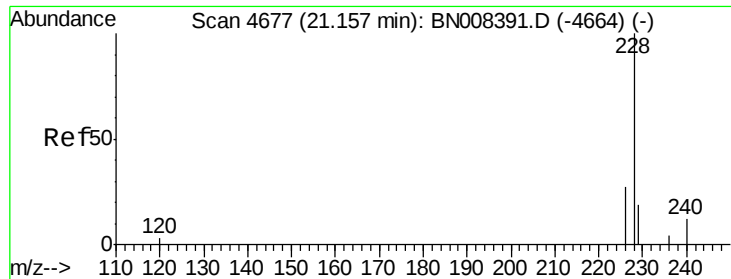
Lab File: BN008395.D

Acq: 24 Oct 2019 19:37

Tgt Ion:	202	Resp:	45355
Ion Ratio	Lower	Upper	
202	100		
101	13.9	10.9	16.3
100	11.2	8.7	13.1

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





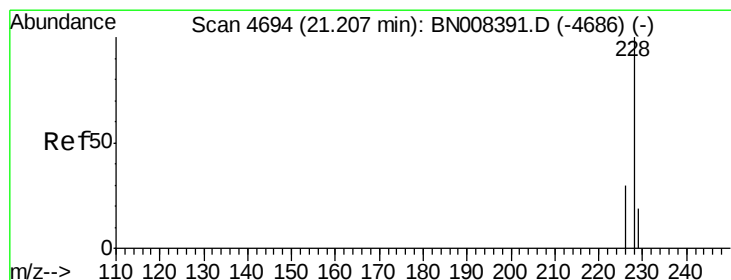
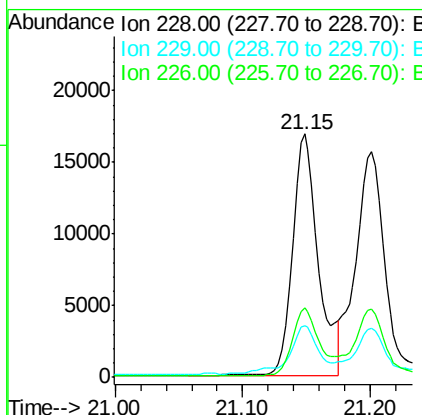
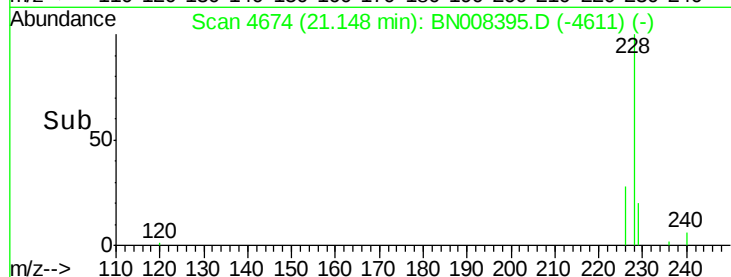
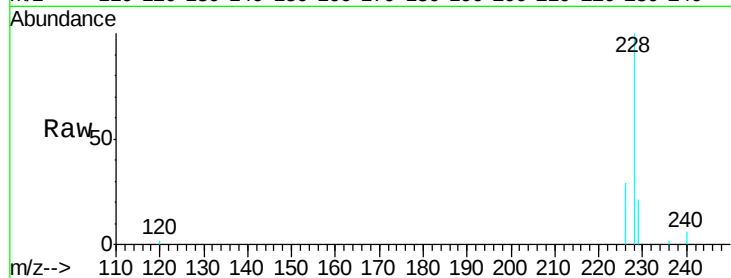
#18
Benzo(a)anthracene
Concen: 0.764 ng/ul
RT: 21.15 min Scan# 4674
Delta R.T. -0.02 min
Lab File: BN008395.D
Acq: 24 Oct 2019 19:37

Instrument :
BNA_N
ClientSampleId :
BEPC5DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.2	24.2
226	28.6	21.4	32.0

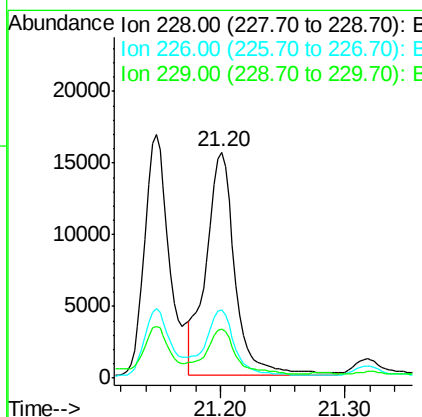
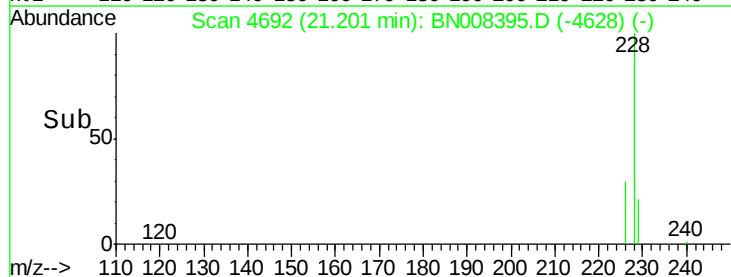
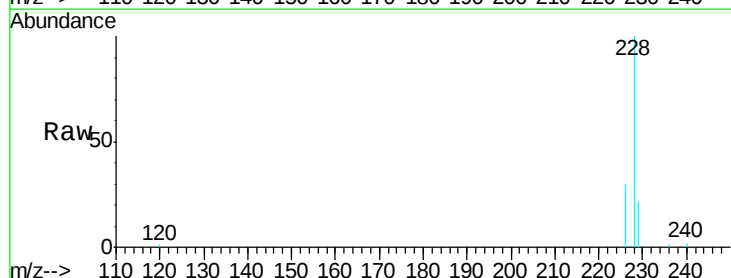
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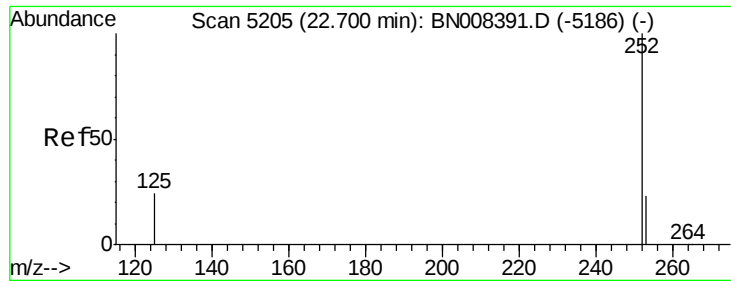
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#19
Chrysene
Concen: 0.658 ng/ul
RT: 21.20 min Scan# 4692
Delta R.T. -0.01 min
Lab File: BN008395.D
Acq: 24 Oct 2019 19:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	21.8	16.2	24.2





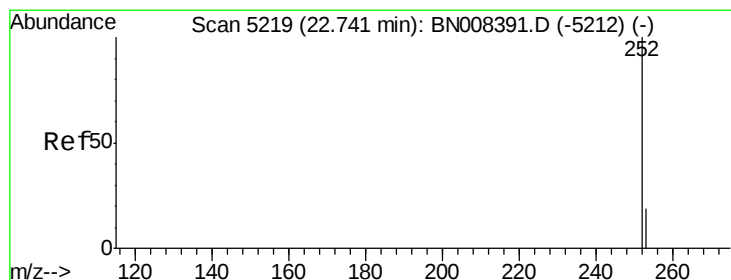
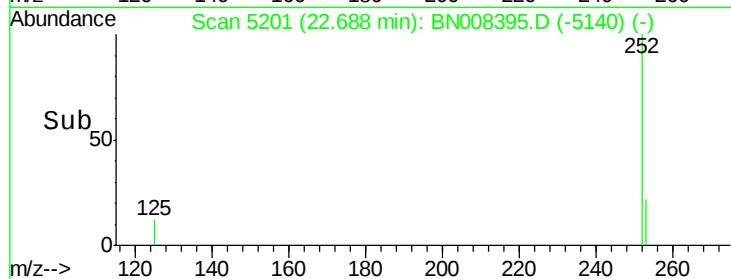
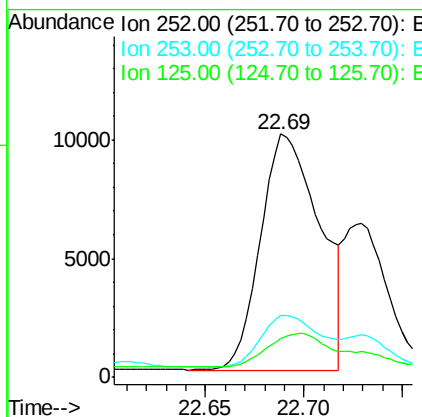
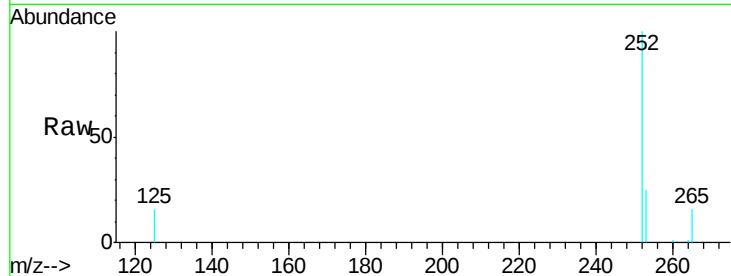
#21
Benzo(b)fluoranthene
Concen: 0.951 ng/ul m
RT: 22.69 min Scan# 5201
Delta R.T. -0.02 min
Lab File: BN008395.D
Acq: 24 Oct 2019 19:37

Instrument :
BNA_N
ClientSampleId :
BEPC5DL

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

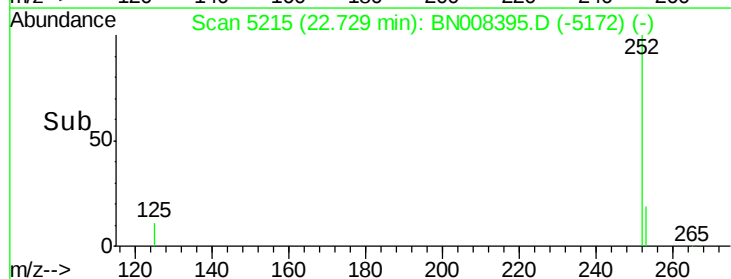
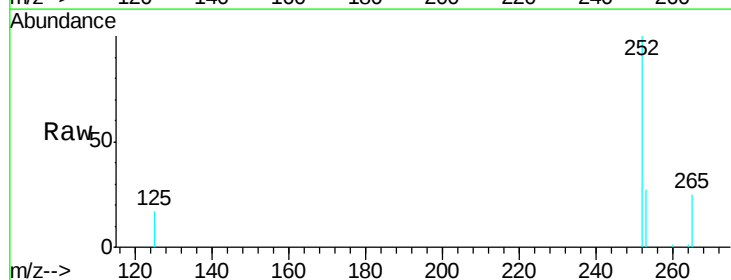
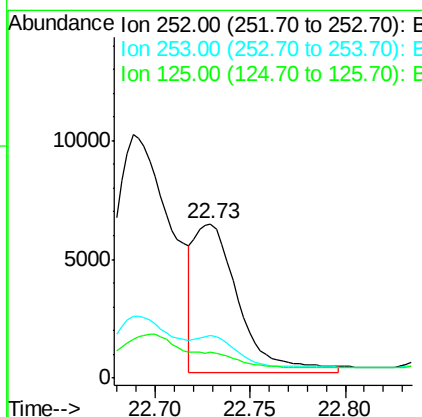
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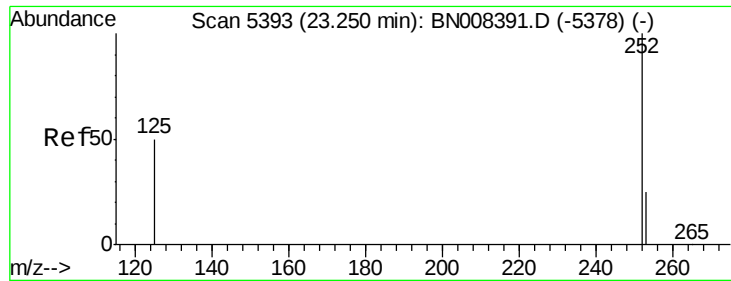
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#22
Benzo(k)fluoranthene
Concen: 0.413 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. -0.02 min
Lab File: BN008395.D
Acq: 24 Oct 2019 19:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	27.2	21.3	31.9
125	16.6	12.3	18.5





#23

Benzo(a)pyrene

Concen: 0.699 ng/u1

RT: 23.24 min Scan# 5389

Delta R.T. -0.02 min

Lab File: BN008395.D

Acq: 24 Oct 2019 19:37

Instrument :

BNA_N

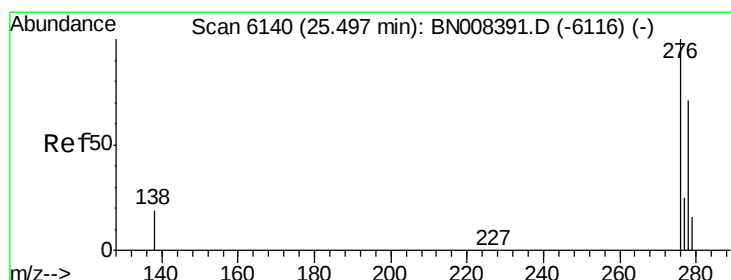
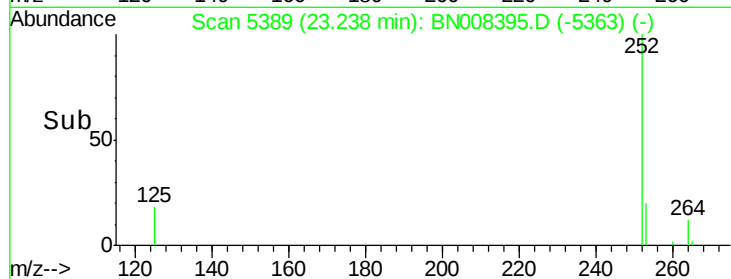
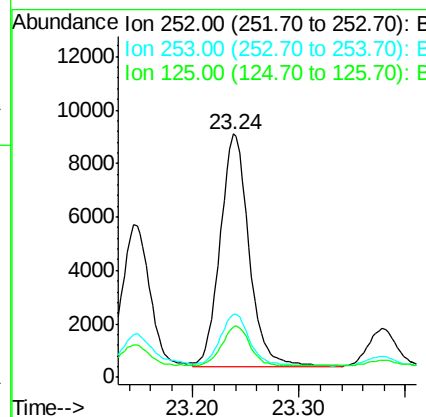
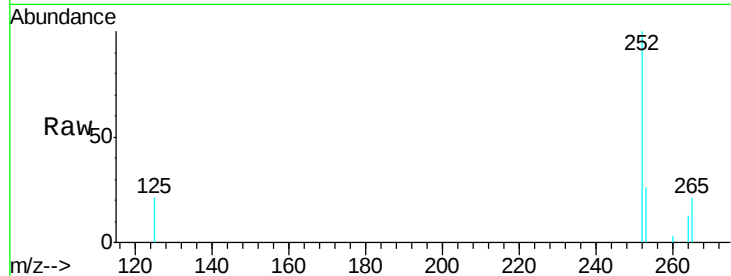
ClientSampleId :

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Tgt Ion:	252	Resp:	16257
Ion Ratio	Lower	Upper	
252	100		
253	26.1	22.8	34.2
125	20.9	18.4	27.6

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.388 ng/u1

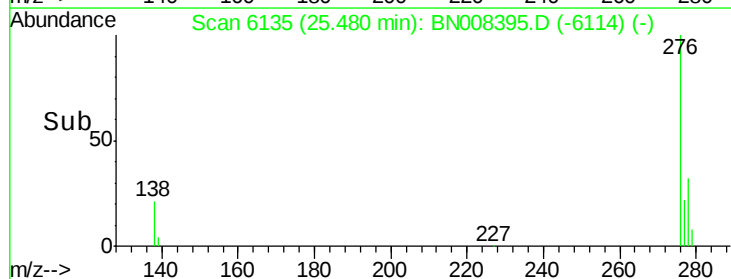
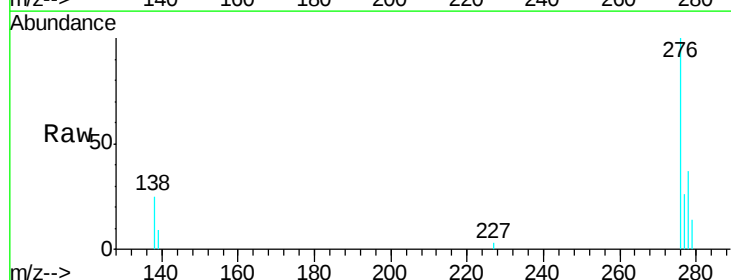
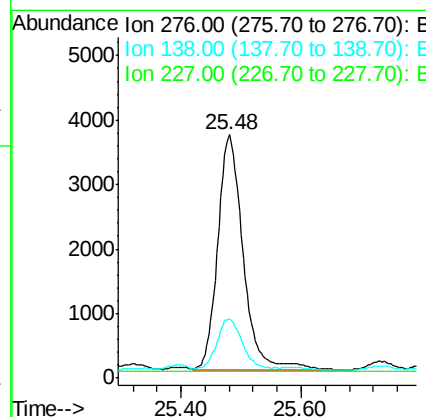
RT: 25.48 min Scan# 6135

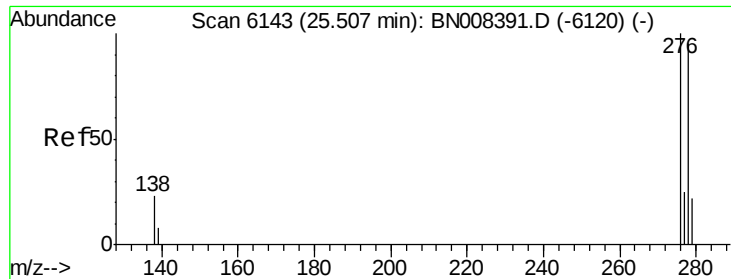
Delta R.T. -0.03 min

Lab File: BN008395.D

Acq: 24 Oct 2019 19:37

Tgt Ion:	276	Resp:	10646
Ion Ratio	Lower	Upper	
276	100		
138	21.6	16.1	24.1
227	0.1	0.2	0.2#





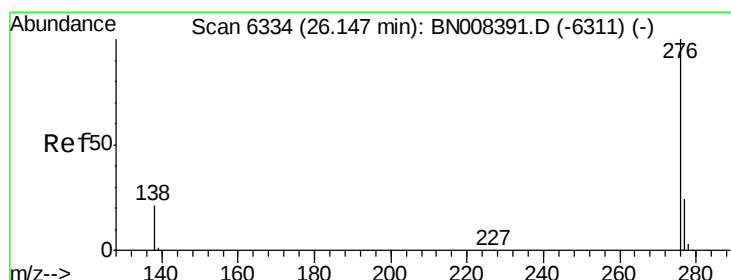
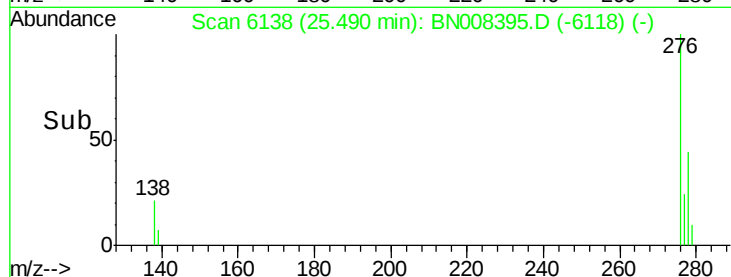
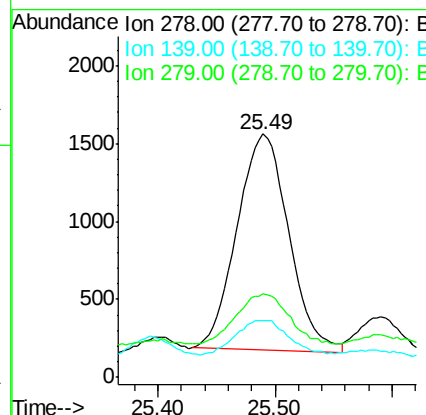
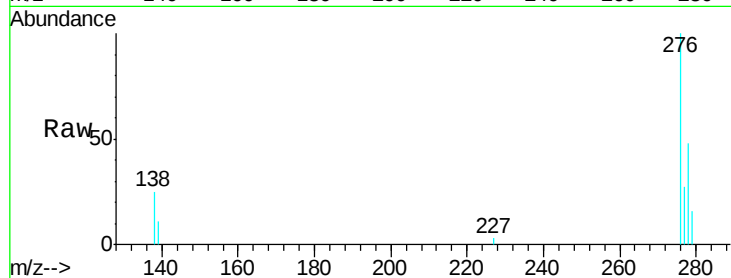
#25
Dibenzo(a,h)anthracene
Concen: 0.196 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.03 min
Lab File: BN008395.D
Acq: 24 Oct 2019 19:37

Instrument :
BNA_N
ClientSampleId :
BEPC5DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	15.0	22.6#
279	34.1	22.4	33.6#

Manual Integrations
APPROVED

mohammad
10/25/2019 8:06:00 AM



#26
Benzo(g,h,i)perylene
Concen: 0.422 ng/ul
RT: 26.14 min Scan# 6331
Delta R.T. -0.03 min
Lab File: BN008395.D
Acq: 24 Oct 2019 19:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	17.0	25.4
277	26.2	20.4	30.6

