

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
 Data File : BN008393.D
 Acq On : 24 Oct 2019 18:26
 Operator : JU
 Sample : K5235-17DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPB7DL

Manual Integrations
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mohammad
 10/25/2019 8:05:51 AM

Quant Time: Oct 24 19:14:16 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	1943	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	9613	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	6199	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.96	188	12987	0.40	ng/ul	-0.02
16) Chrysene-d12	21.16	240	10544	0.40	ng/ul	-0.02
20) Perylene-d12	23.33	264	8919	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	461	0.03	ng/ul	-0.02
14) Fluoranthene-d10	19.00	212	1808	0.04	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.38	128	6986	0.255	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	6411	0.341	ng/ul	100
7) Acenaphthylene	13.93	152	3777	0.128	ng/ul#	89
8) Acenaphthene	14.27	153	17115	0.745	ng/ul	98
9) Fluorene	15.26	166	15039	0.577	ng/ul	97
12) Phenanthrene	17.00	178	279975	7.363	ng/ul	99
13) Anthracene	17.09	178	51434	1.537	ng/ul	99
15) Fluoranthene	19.02	202	262652	5.230	ng/ul	97
17) Pyrene	19.39	202	332169	7.912	ng/ul	99
18) Benzo(a)anthracene	21.15	228	147740	3.854	ng/ul	99
19) Chrysene	21.20	228	153207	3.257	ng/ul	99
21) Benzo(b)fluoranthene	22.69	252	109554m	3.773	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	41708m	1.268	ng/ul	
23) Benzo(a)pyrene	23.24	252	87861	2.876	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.48	276	41420	1.151	ng/ul	98
25) Dibenzo(a,h)anthracene	25.48	278	12471	0.438	ng/ul	97
26) Benzo(g,h,i)perylene	26.13	276	43090	1.306	ng/ul	98

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

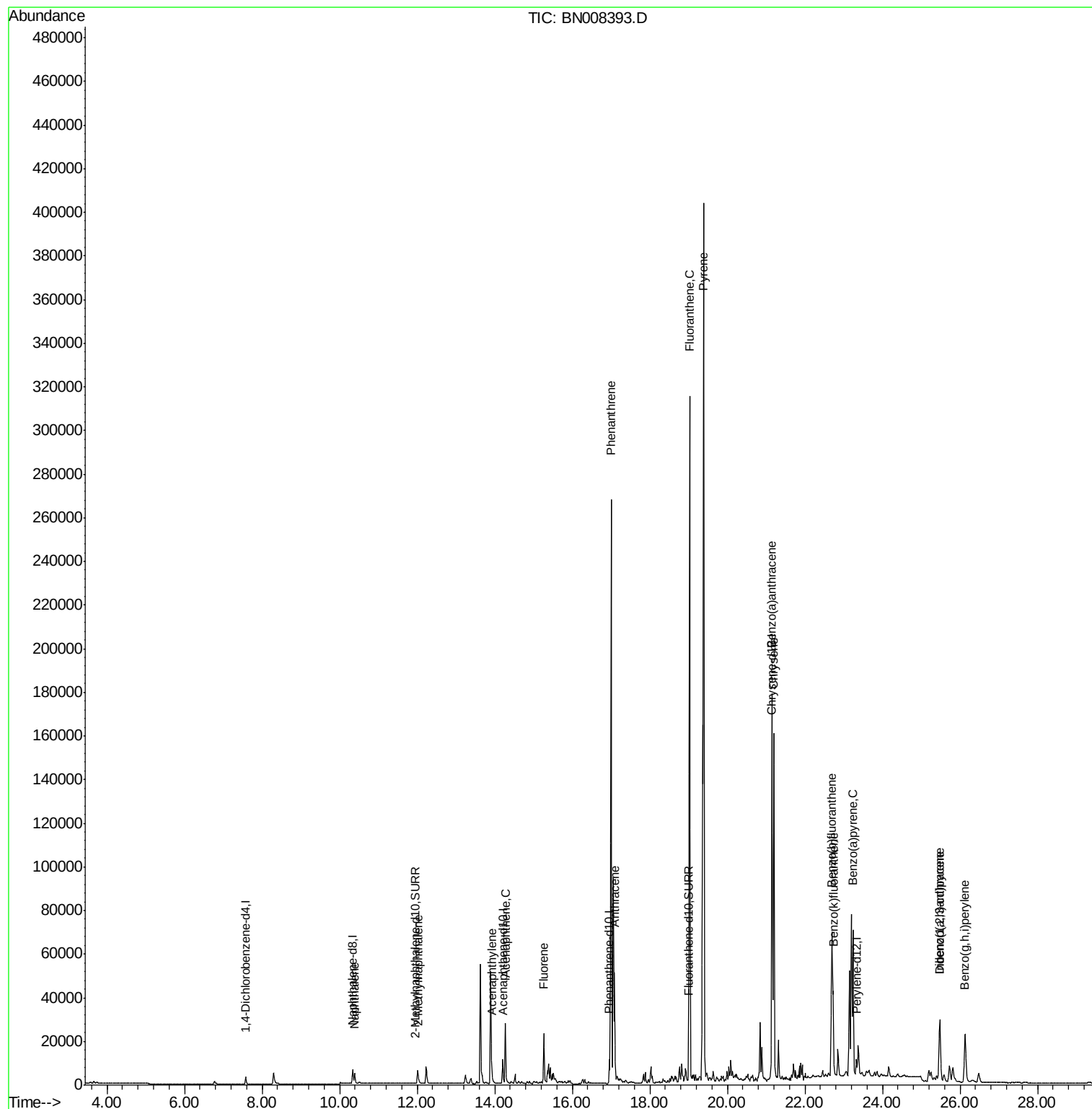
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
Data File : BN008393.D
Acq On : 24 Oct 2019 18:26
Operator : JU
Sample : K5235-17DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

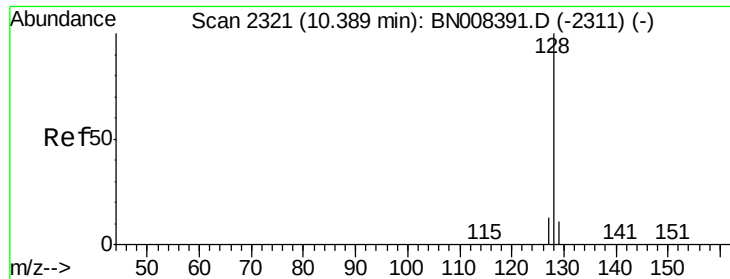
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Oct 24 19:14:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.255 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.02 min

Lab File: BN008393.D

Acq: 24 Oct 2019 18:26

Instrument :

BNA_N

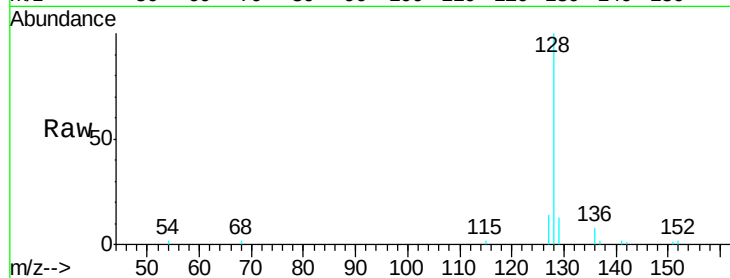
ClientSampleId :

BEPB7DL

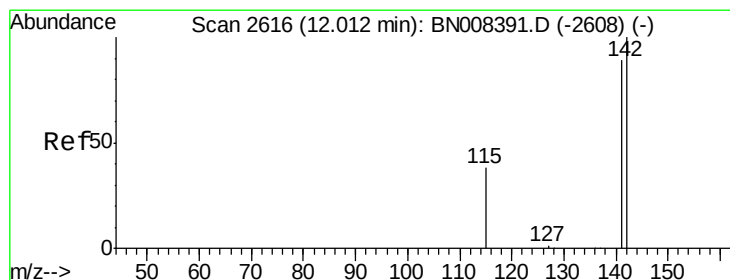
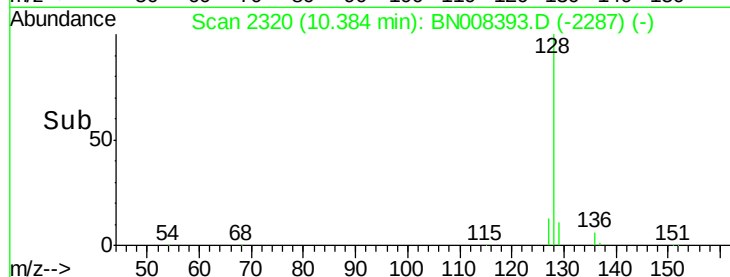
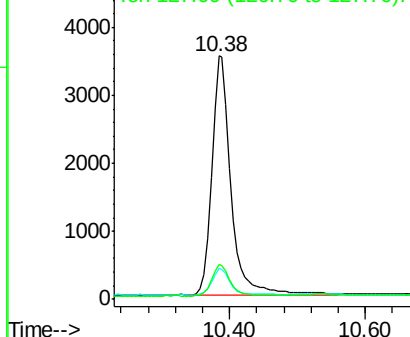
Tgt Ion:	128	Resp:	6986
Ion Ratio	Lower	Upper	
128	100		
129	12.7	9.8	14.8
127	14.4	11.1	16.7

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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



#5

2-Methylnaphthalene

Concen: 0.341 ng/ul

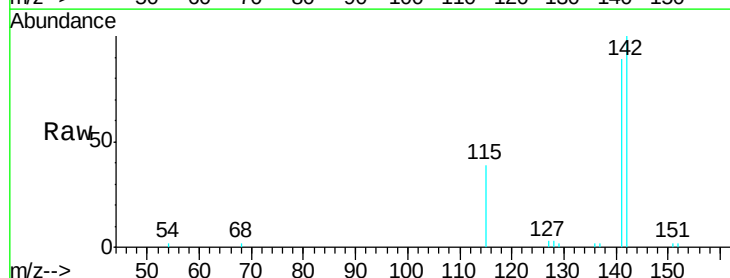
RT: 12.01 min Scan# 2616

Delta R.T. -0.02 min

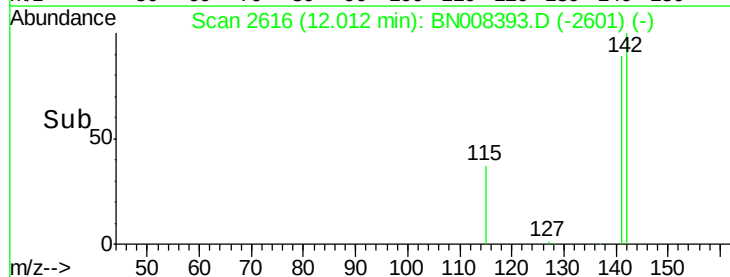
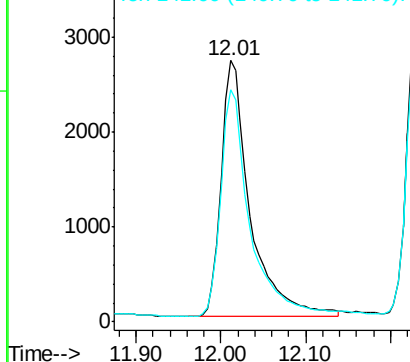
Lab File: BN008393.D

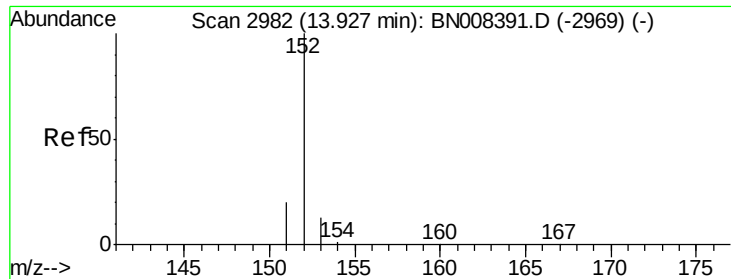
Acq: 24 Oct 2019 18:26

Tgt Ion:	142	Resp:	6411
Ion Ratio	Lower	Upper	
142	100		
141	89.1	71.4	107.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.128 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.02 min

Lab File: BN008393.D

Acq: 24 Oct 2019 18:26

Instrument :

BNA_N

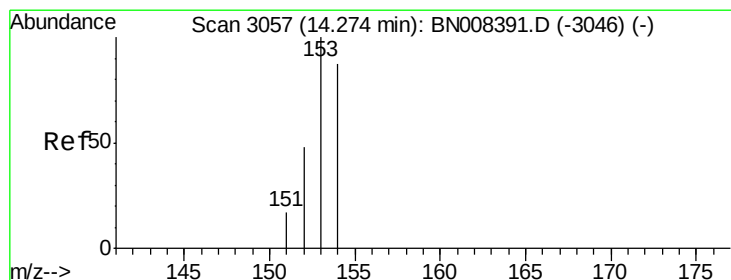
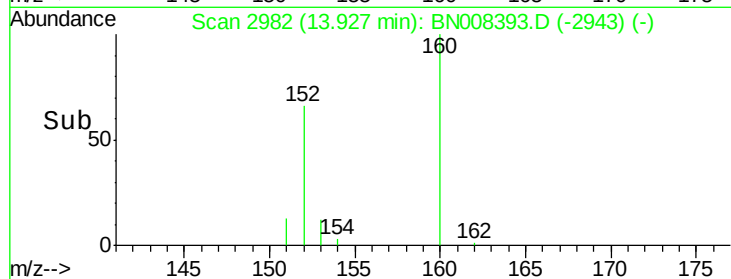
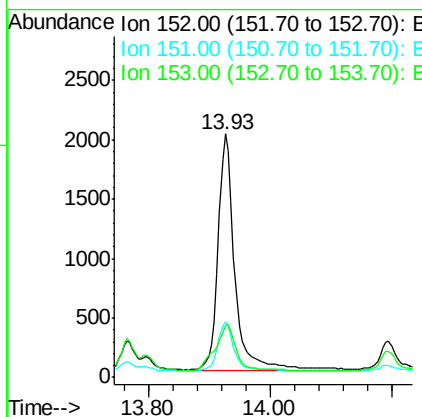
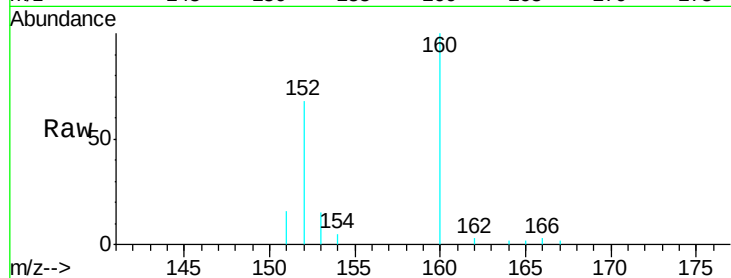
ClientSampled :

BEPB7DL

Tgt Ion:	152	Resp:	3777
Ion Ratio	Lower	Upper	
152	100		
151	22.9	16.2	24.4
153	21.3	11.0	16.4

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#8

Acenaphthene

Concen: 0.745 ng/ul

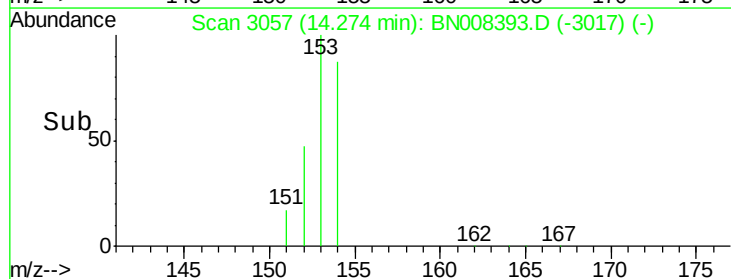
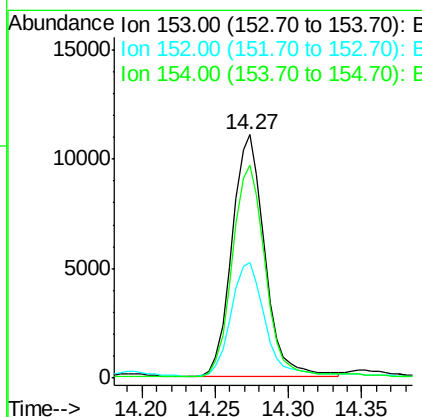
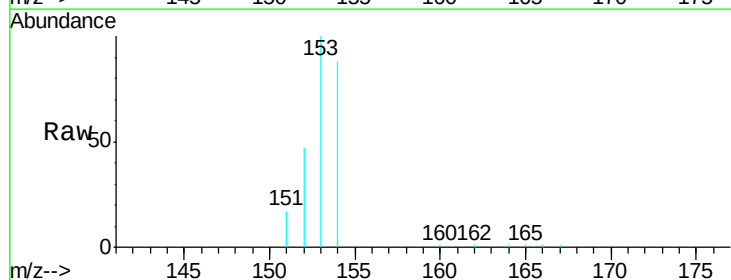
RT: 14.27 min Scan# 3057

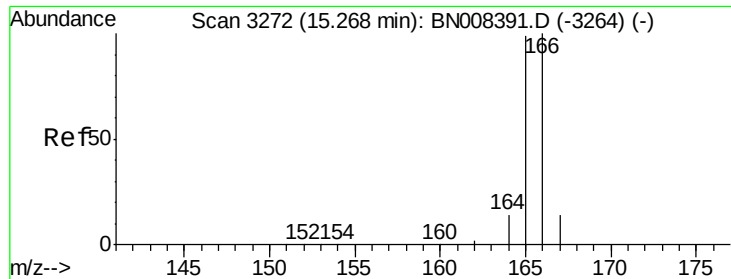
Delta R.T. -0.01 min

Lab File: BN008393.D

Acq: 24 Oct 2019 18:26

Tgt Ion:	153	Resp:	17115
Ion Ratio	Lower	Upper	
153	100		
152	47.5	38.2	57.2
154	87.5	71.8	107.8





#9

Fluorene

Concen: 0.577 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.02 min

Lab File: BN008393.D

Acq: 24 Oct 2019 18:26

Instrument :

BNA_N

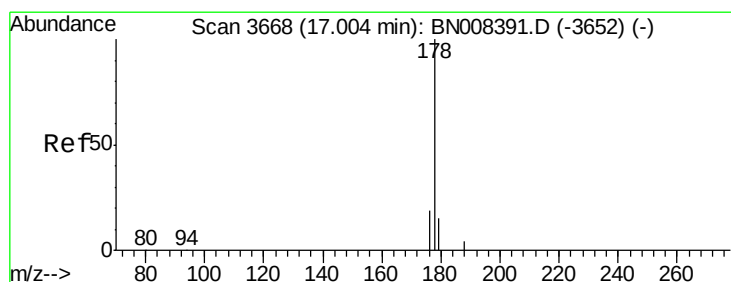
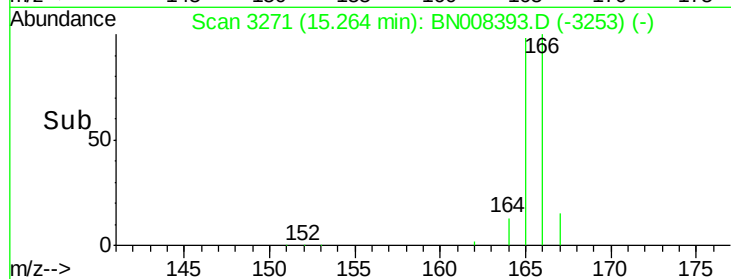
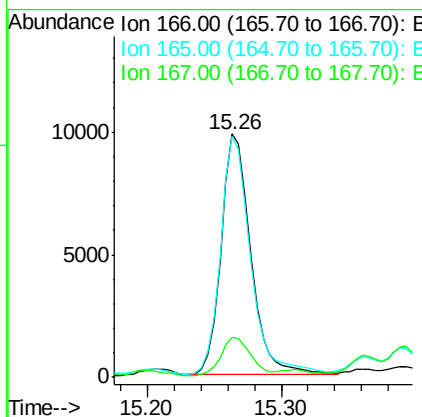
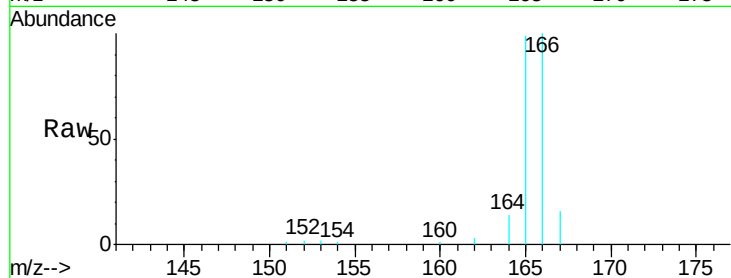
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	76.6	115.0
167	16.4	11.7	17.5

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#12

Phenanthrene

Concen: 7.363 ng/ul

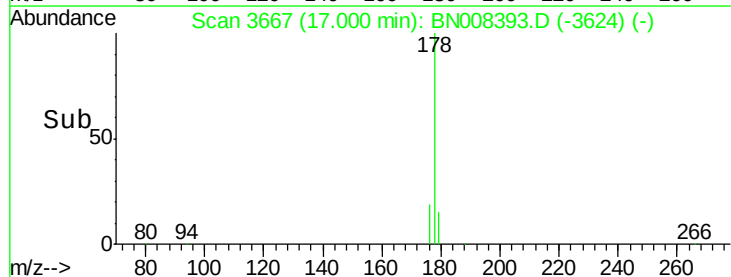
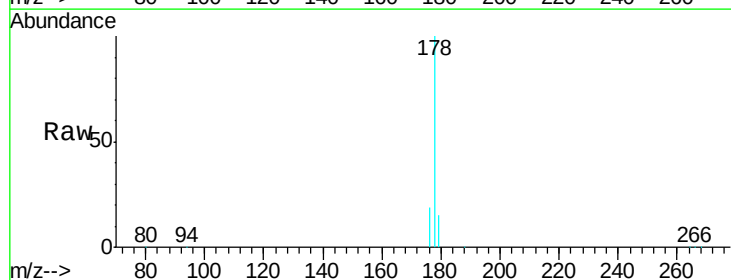
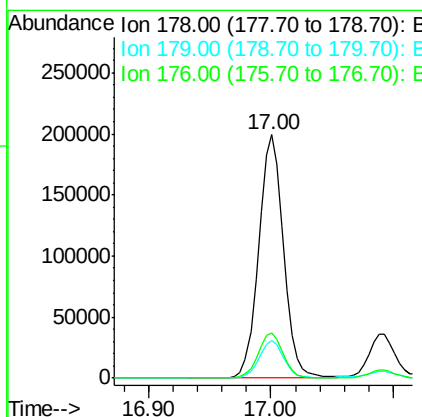
RT: 17.00 min Scan# 3667

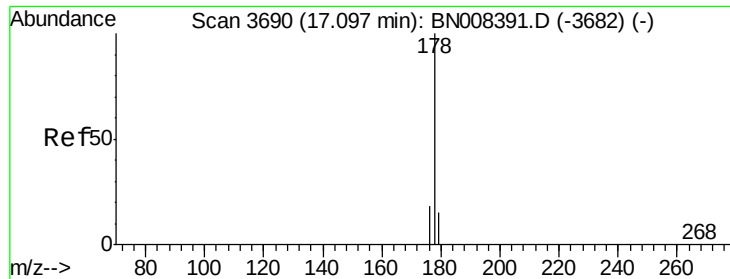
Delta R.T. -0.02 min

Lab File: BN008393.D

Acq: 24 Oct 2019 18:26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	18.8	15.4	23.2





#13

Anthracene

Concen: 1.537 ng/ul

RT: 17.09 min Scan# 3688

Delta R.T. -0.02 min

Lab File: BN008393.D

Acq: 24 Oct 2019 18:26

Instrument :

BNA_N

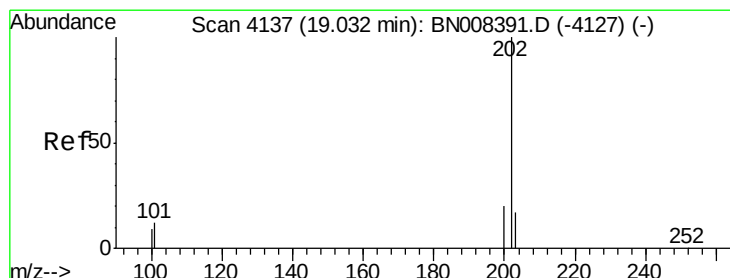
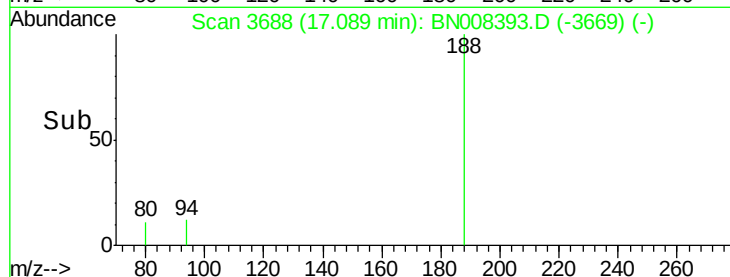
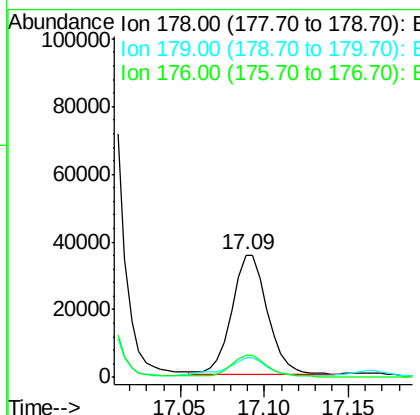
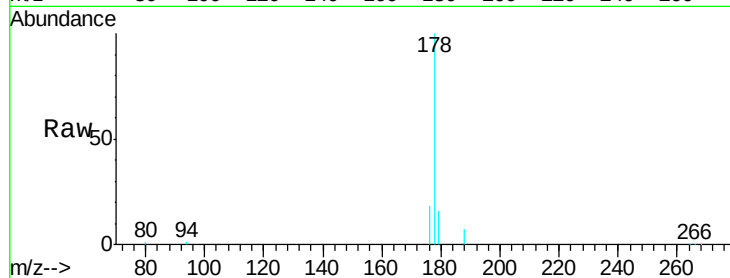
ClientSampleId :

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Tgt Ion:	178	Resp:	51434
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.0	19.6
176	18.3	15.0	22.6

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#15

Fluoranthene

Concen: 5.230 ng/ul

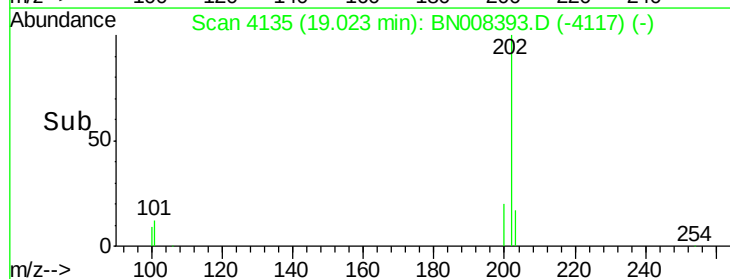
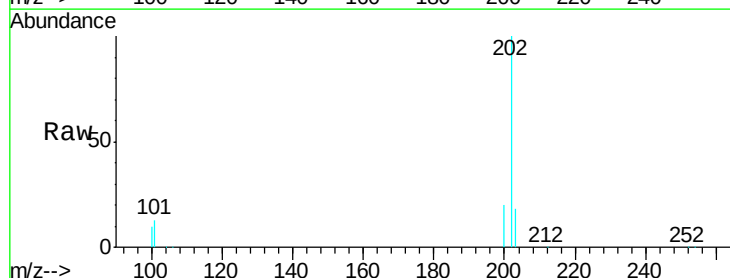
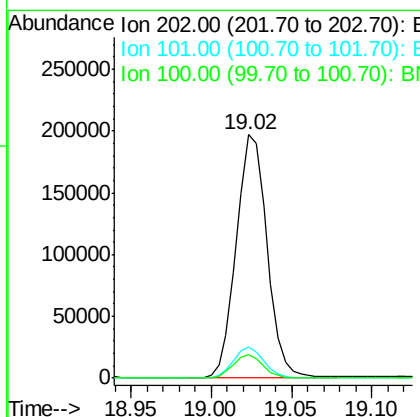
RT: 19.02 min Scan# 4135

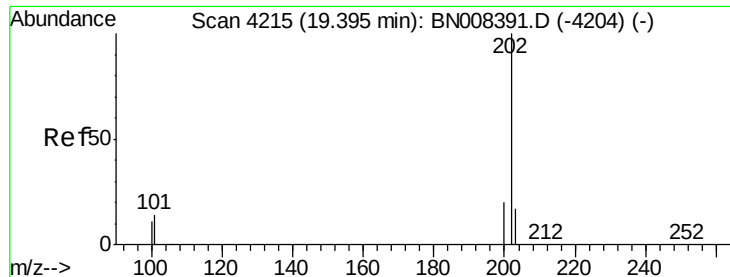
Delta R.T. -0.02 min

Lab File: BN008393.D

Acq: 24 Oct 2019 18:26

Tgt Ion:	202	Resp:	262652
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	31.2
100	9.6	0.0	28.5





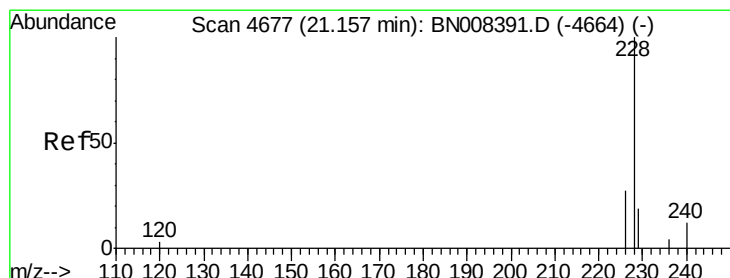
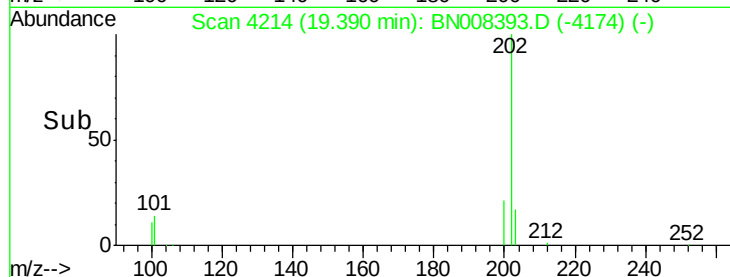
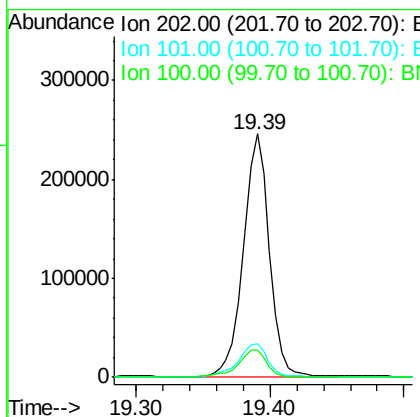
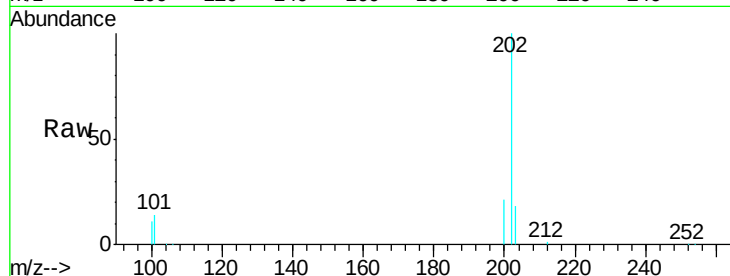
#17
 Pyrene
 Concen: 7.912 ng/ul
 RT: 19.39 min Scan# 4214
 Delta R.T. -0.01 min
 Lab File: BN008393.D
 Acq: 24 Oct 2019 18:26

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.9	10.9	16.3
100	11.3	8.7	13.1

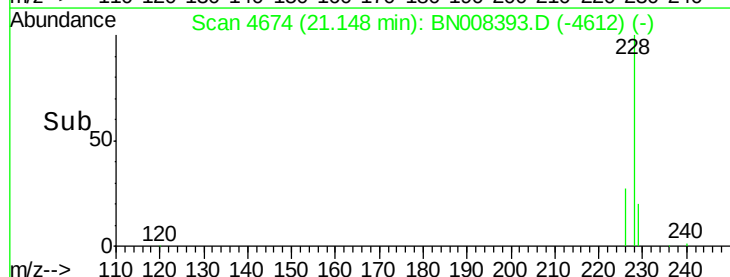
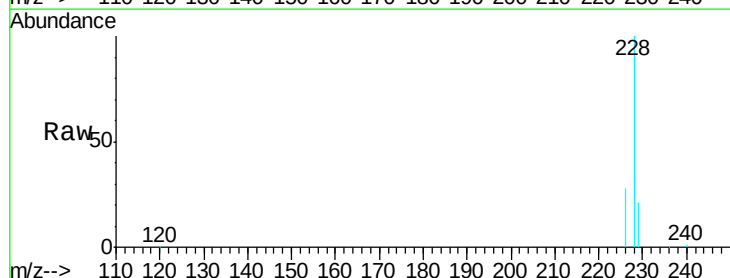
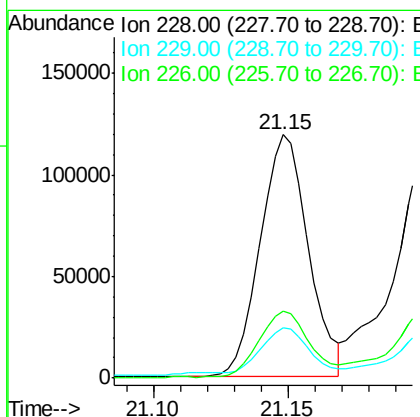
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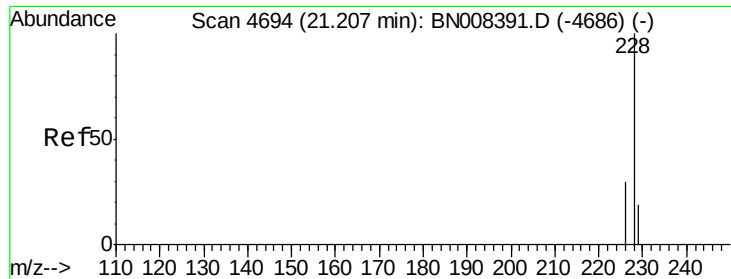
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#18
 Benzo(a)anthracene
 Concen: 3.854 ng/ul
 RT: 21.15 min Scan# 4674
 Delta R.T. -0.02 min
 Lab File: BN008393.D
 Acq: 24 Oct 2019 18:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.6	16.2	24.2
226	27.5	21.4	32.0





#19

Chrysene

Concen: 3.257 ng/ul

RT: 21.20 min Scan# 4692

Delta R.T. -0.01 min

Lab File: BN008393.D

Acq: 24 Oct 2019 18:26

Instrument :

BNA_N

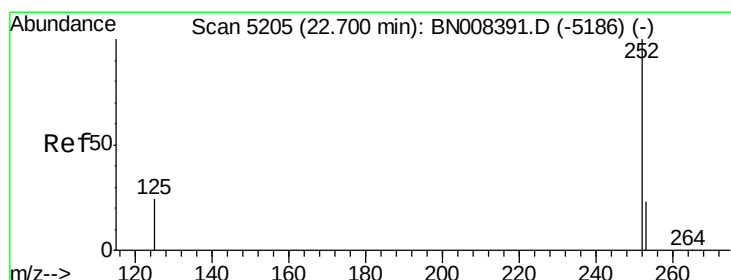
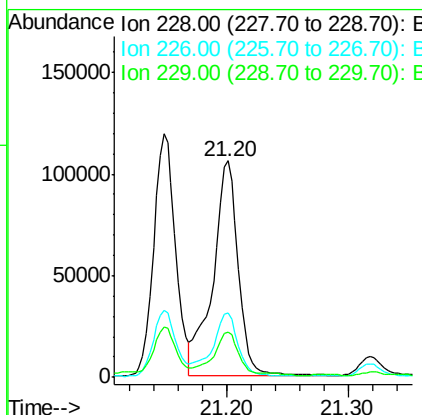
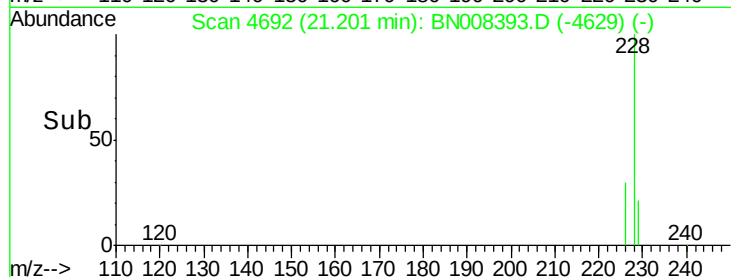
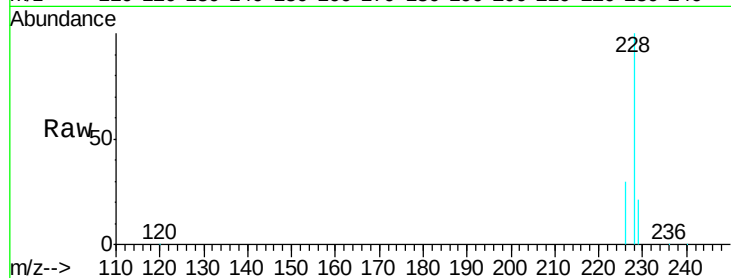
ClientSampleId :

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Tgt Ion:	228	Resp:	153207
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.1	36.1
229	21.1	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 3.773 ng/ul m

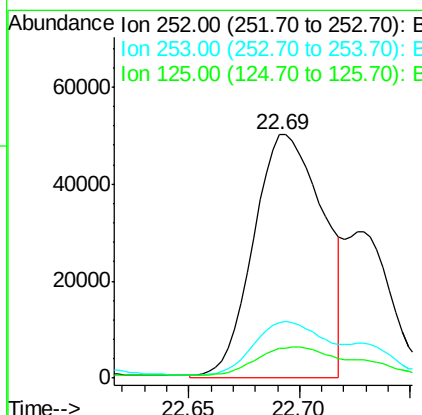
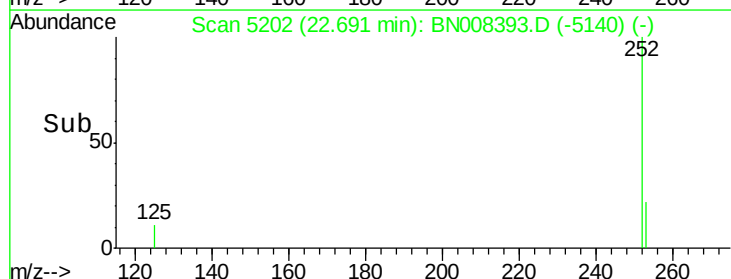
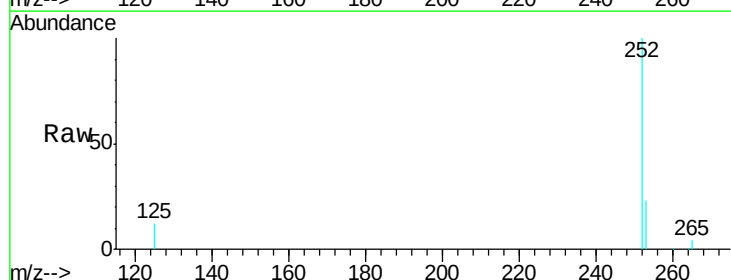
RT: 22.69 min Scan# 5202

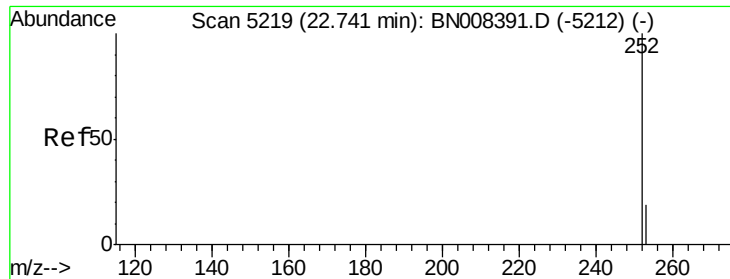
Delta R.T. -0.02 min

Lab File: BN008393.D

Acq: 24 Oct 2019 18:26

Tgt Ion:	252	Resp:	109554
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	53.4
125	12.1	0.0	32.4





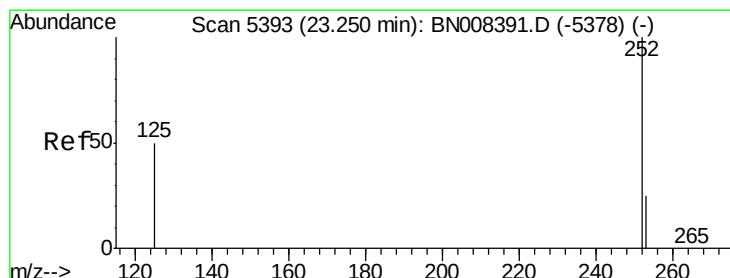
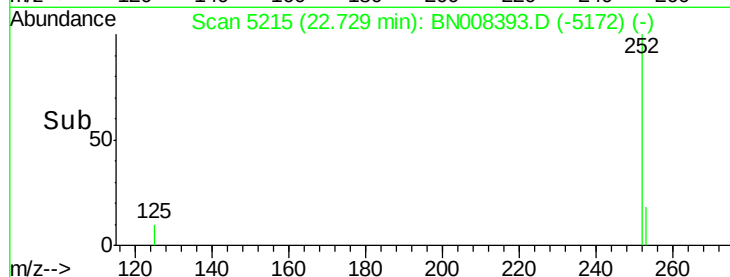
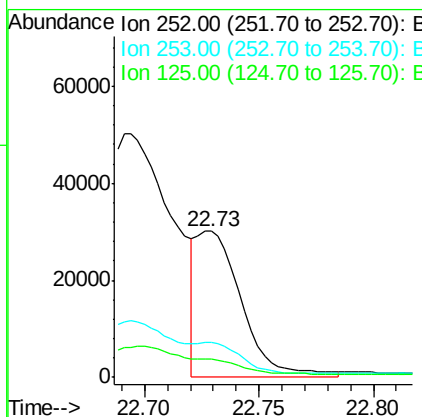
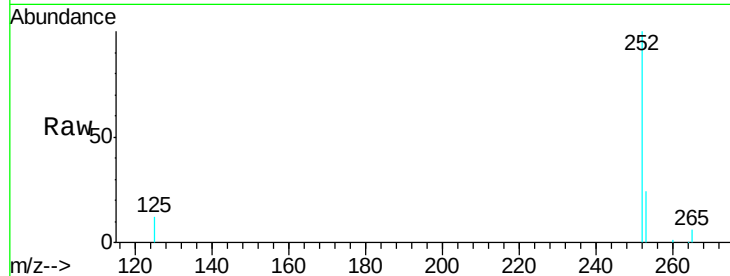
#22
Benzo(k)fluoranthene
Concen: 1.268 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. -0.02 min
Lab File: BN008393.D
Acq: 24 Oct 2019 18:26

Instrument :
BNA_N
ClientSampleId :
BEPB7DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	21.3	31.9
125	12.2	12.3	18.5#

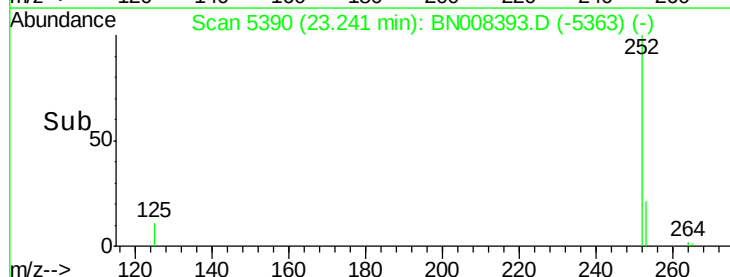
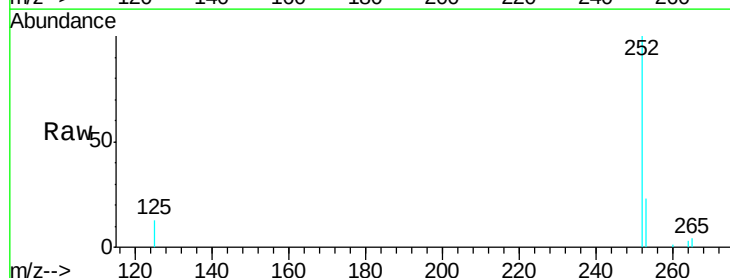
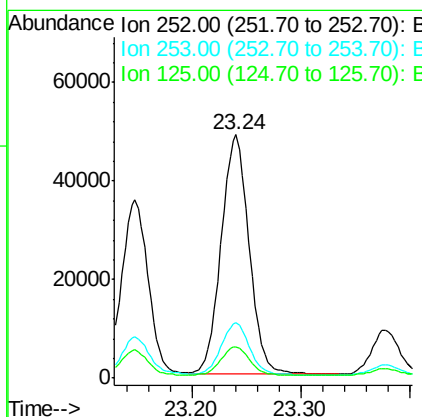
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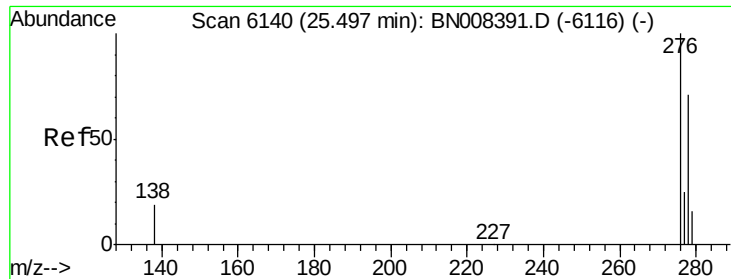
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#23
Benzo(a)pyrene
Concen: 2.876 ng/ul
RT: 23.24 min Scan# 5390
Delta R.T. -0.02 min
Lab File: BN008393.D
Acq: 24 Oct 2019 18:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	22.8	34.2#
125	13.0	18.4	27.6#





#24

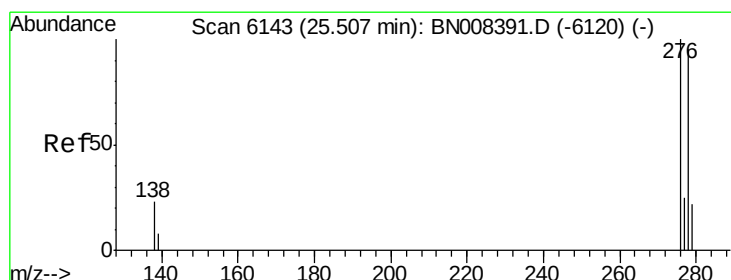
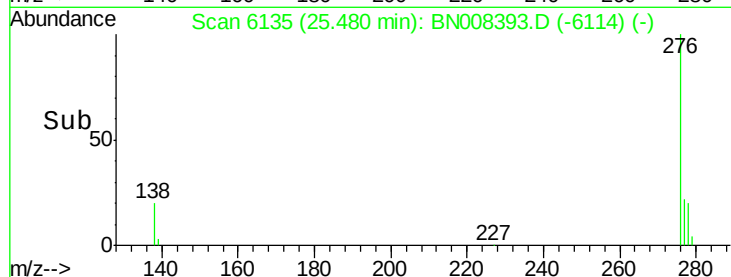
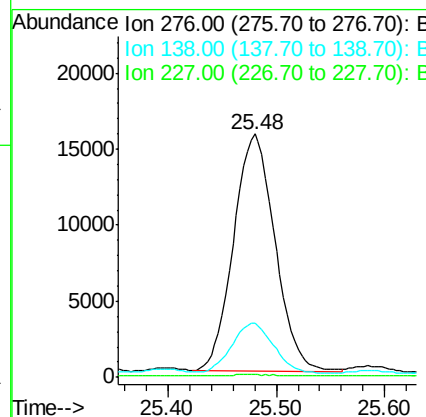
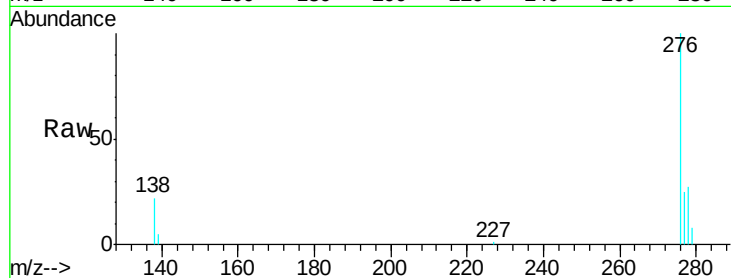
Indeno(1,2,3-cd)pyrene
Concen: 1.151 ng/ul
RT: 25.48 min Scan# 6135
Delta R.T. -0.03 min
Lab File: BN008393.D
Acq: 24 Oct 2019 18:26

Instrument :
BNA_N
ClientSampleId :
BEPB7DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	16.1	24.1
227	0.2	0.2	0.2

Manual Integrations
APPROVED

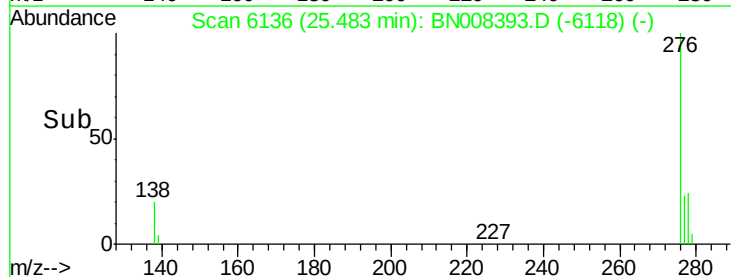
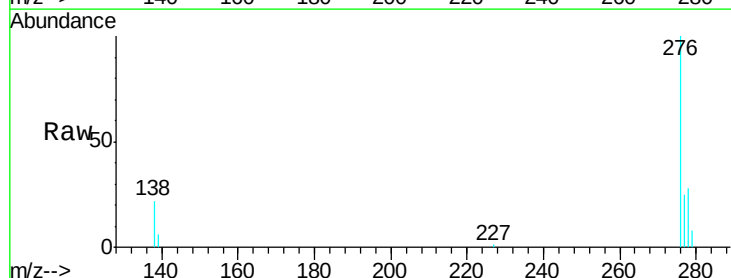
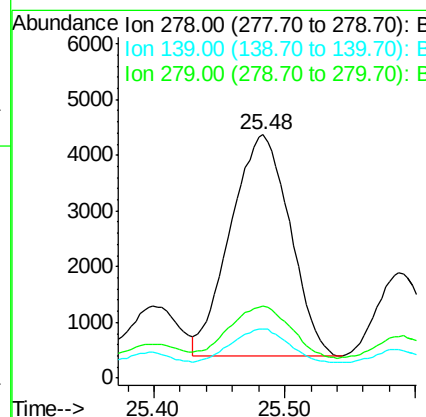
mohammad
10/25/2019 8:05:51 AM

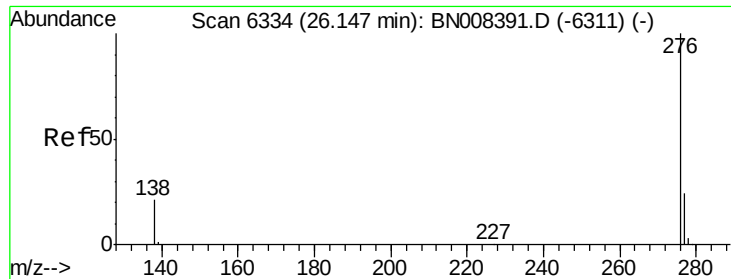


#25

Dibenzo(a,h)anthracene
Concen: 0.438 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. -0.04 min
Lab File: BN008393.D
Acq: 24 Oct 2019 18:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.0	15.0	22.6
279	29.5	22.4	33.6





#26
 Benzo(g,h,i)perylene
 Concen: 1.306 ng/ul
 RT: 26.13 min Scan# 6329
 Delta R.T. -0.04 min
 Lab File: BN008393.D
 Acq: 24 Oct 2019 18:26

Instrument :
 BNA_N
 ClientSampleId :
 BEPB7DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.3	17.0	25.4
277	24.5	20.4	30.6

Manual Integrations
 APPROVED

mohammad
 10/25/2019 8:05:51 AM

