

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
 Data File : BN008382.D
 Acq On : 24 Oct 2019 11:51
 Operator : JU
 Sample : K5235-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPB6

Manual Integrations
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mohammad
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Quant Time: Oct 24 14:17:56 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 : Thu Oct 24 13:52:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2239	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.33	136	11068	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	6782	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	15270	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	12260	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	10327	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	2696	0.14	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	9891	0.19	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.38	128	6377	0.202	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	3363	0.156	ng/ul	99
7) Acenaphthylene	13.93	152	23422	0.725	ng/ul	99
8) Acenaphthene	14.27	153	9630	0.383	ng/ul	99
9) Fluorene	15.26	166	12870	0.451	ng/ul	97
12) Phenanthrene	17.00	178	305584	6.835	ng/ul	99
13) Anthracene	17.09	178	67952	1.727	ng/ul	99
15) Fluoranthene	19.03	202	819973	13.887	ng/ul	98
17) Pyrene	19.39	202	890411	18.240	ng/ul	100
18) Benzo(a)anthracene	21.15	228	509135	11.422	ng/ul	98
19) Chrysene	21.20	228	531964	9.725	ng/ul	99
21) Benzo(b)fluoranthene	22.70	252	509147m	15.145	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	166606m	4.375	ng/ul	
23) Benzo(a)pyrene	23.25	252	382812	10.821	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.49	276	208056	4.993	ng/ul	98
25) Dibenzo(a,h)anthracene	25.49	278	59527	1.807	ng/ul	98
26) Benzo(g,h,i)perylene	26.14	276	212508	5.562	ng/ul	99

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

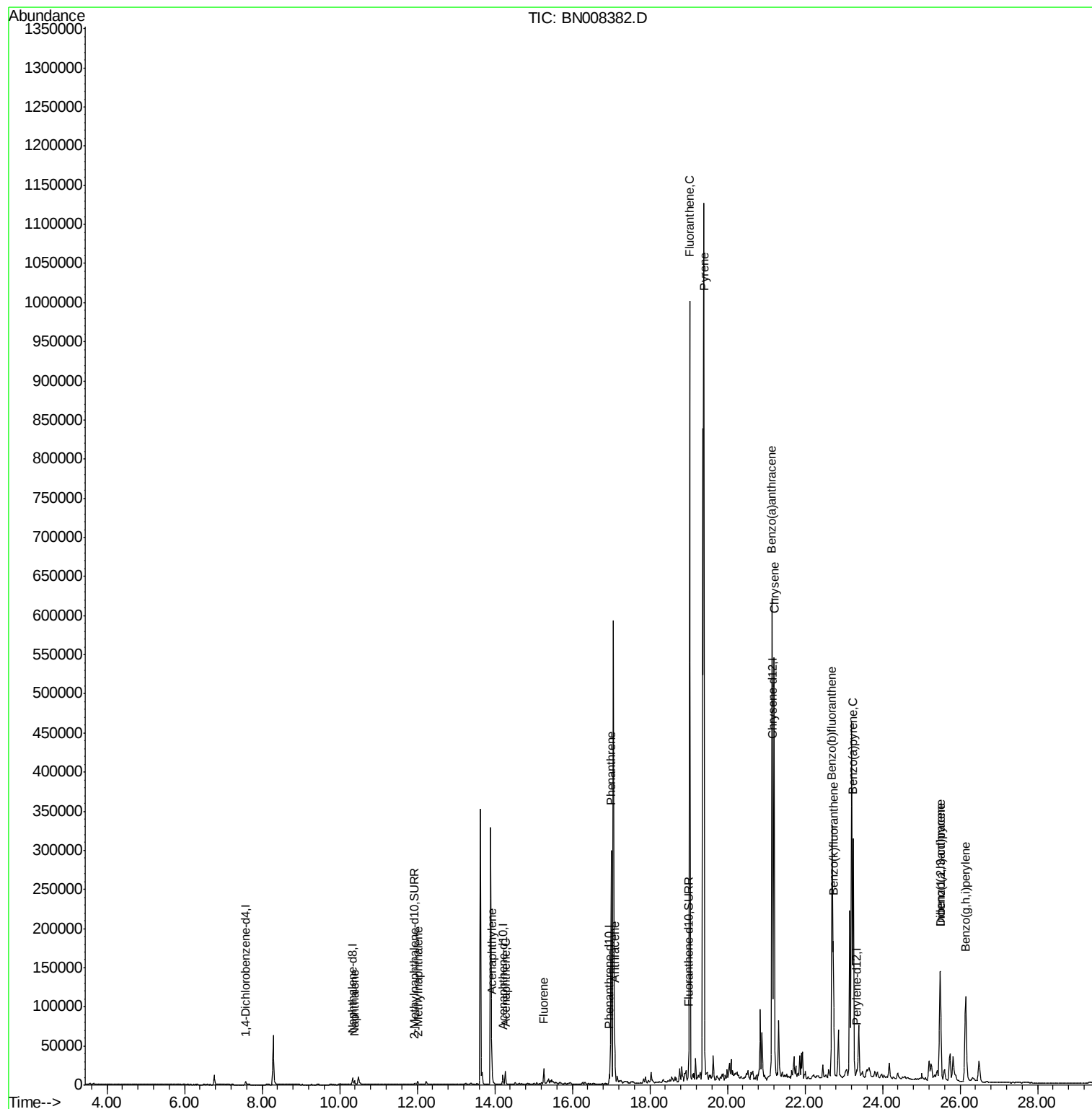
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
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ALS Vial : 6 Sample Multiplier: 1

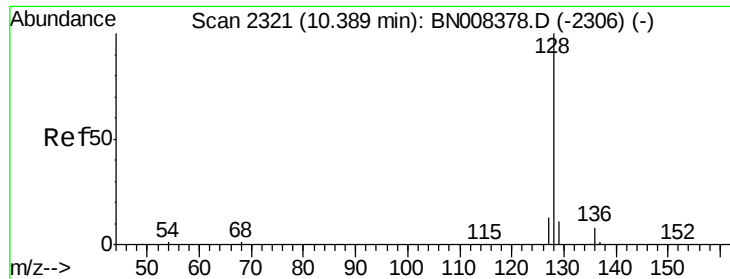
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Thu Oct 24 13:52:48 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.202 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BN008382.D

Acq: 24 Oct 2019 11:51

Instrument :

BNA_N

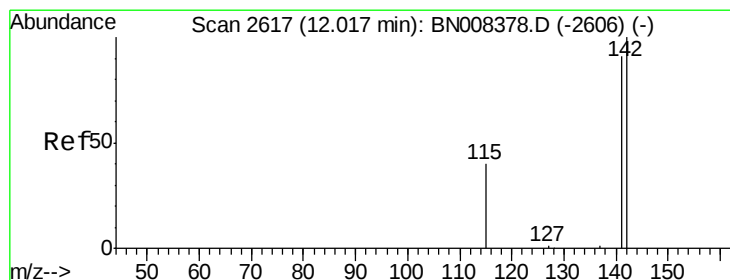
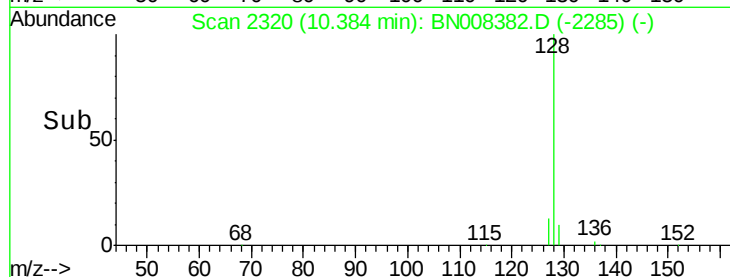
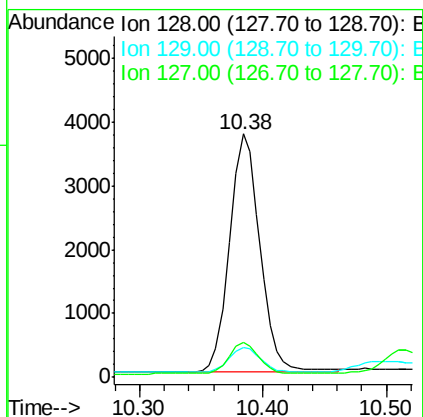
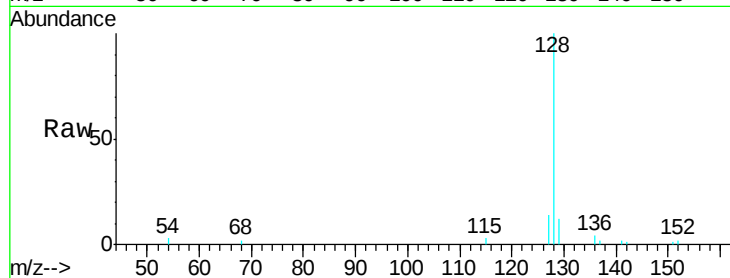
ClientSampleId :

BEPB6

Tgt Ion:	128	Resp:	6377
Ion Ratio	Lower	Upper	
128	100		
129	12.5	9.8	14.8
127	14.4	11.1	16.7

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#5

2-Methylnaphthalene

Concen: 0.156 ng/ul

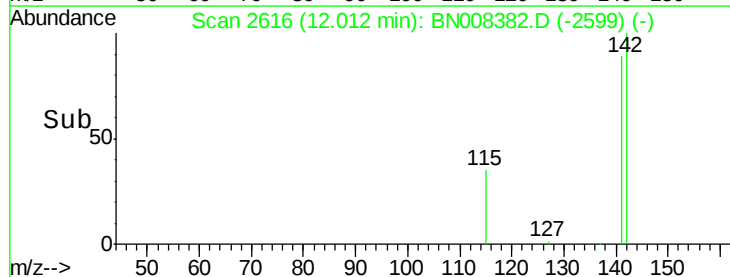
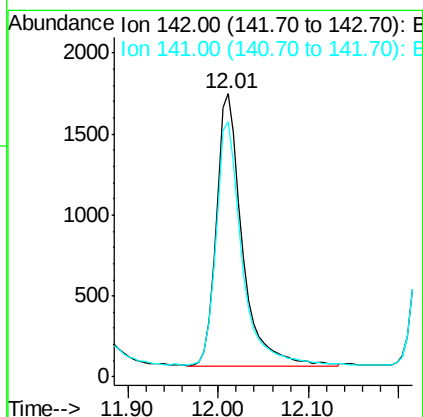
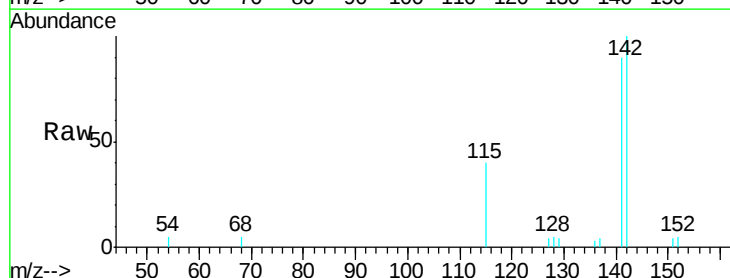
RT: 12.01 min Scan# 2616

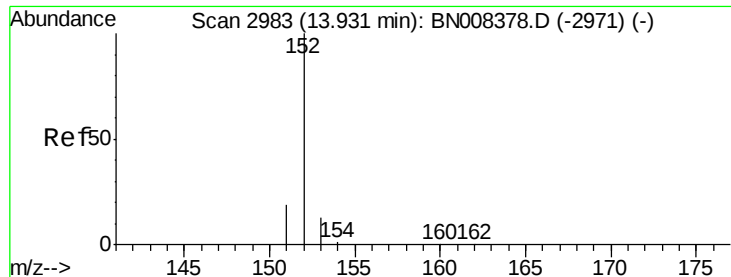
Delta R.T. -0.01 min

Lab File: BN008382.D

Acq: 24 Oct 2019 11:51

Tgt Ion:	142	Resp:	3363
Ion Ratio	Lower	Upper	
142	100		
141	88.7	71.4	107.2





#7

Acenaphthylene

Concen: 0.725 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.00 min

Lab File: BN008382.D

Acq: 24 Oct 2019 11:51

Instrument :

BNA_N

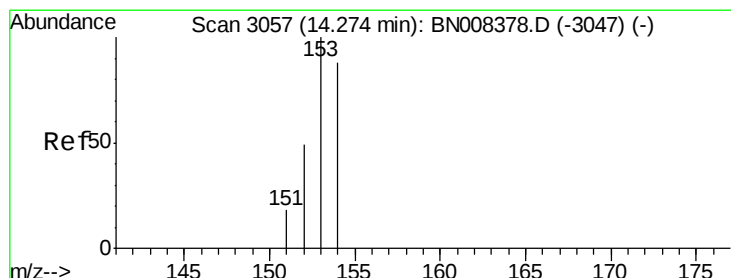
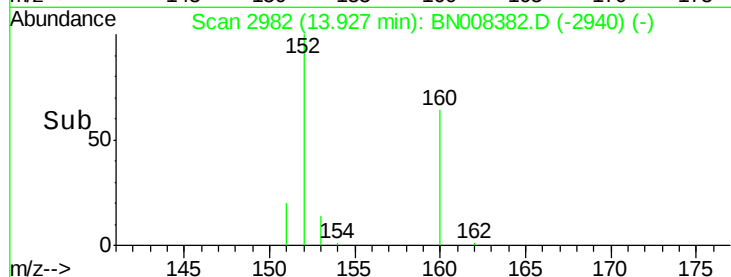
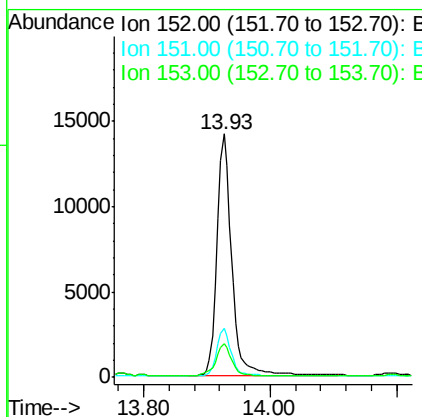
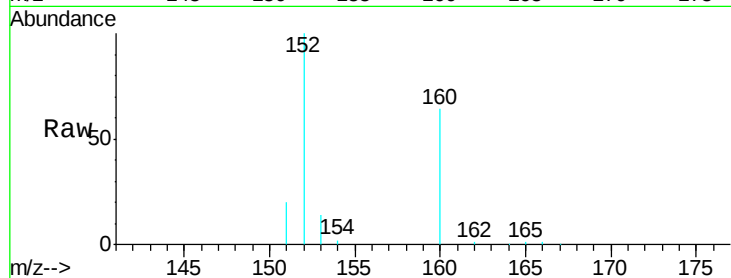
ClientSampleId :

BEPB6

Tgt Ion:	152	Resp:	23422
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.4
153	14.0	11.0	16.4

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#8

Acenaphthene

Concen: 0.383 ng/ul

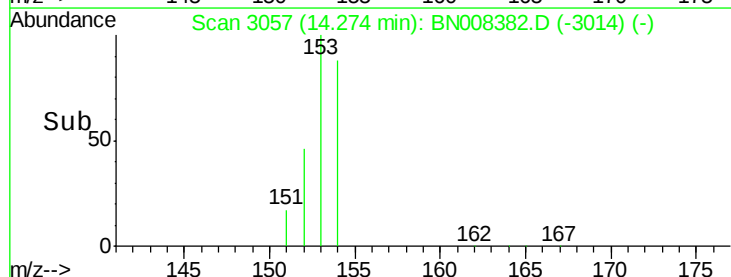
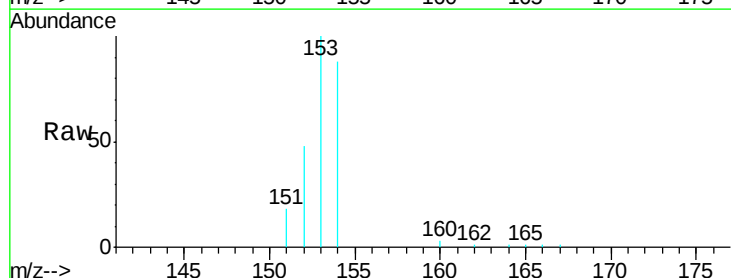
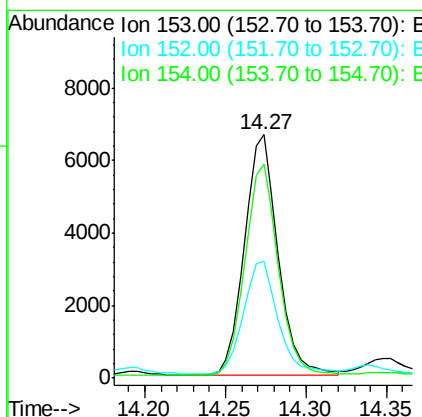
RT: 14.27 min Scan# 3057

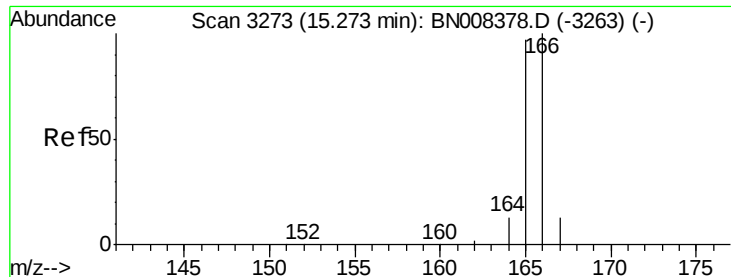
Delta R.T. -0.00 min

Lab File: BN008382.D

Acq: 24 Oct 2019 11:51

Tgt Ion:	153	Resp:	9630
Ion Ratio	Lower	Upper	
153	100		
152	47.8	38.2	57.2
154	88.2	71.8	107.8





#9

Fluorene

Concen: 0.451 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.01 min

Lab File: BN008382.D

Acq: 24 Oct 2019 11:51

Instrument :

BNA_N

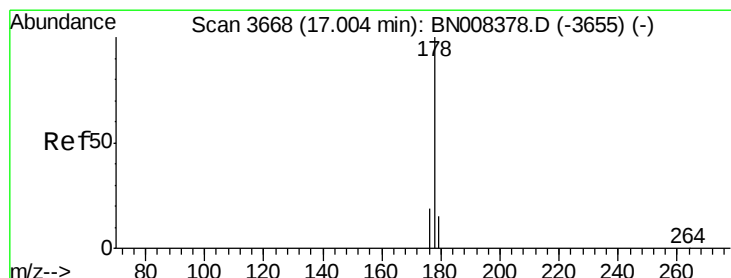
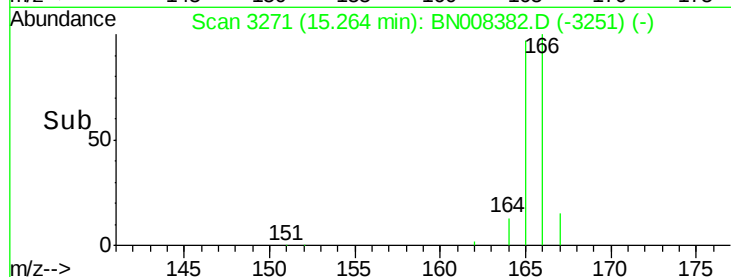
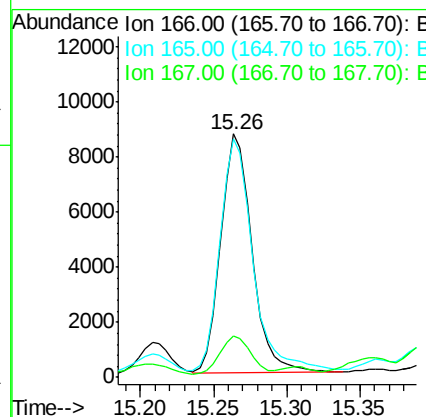
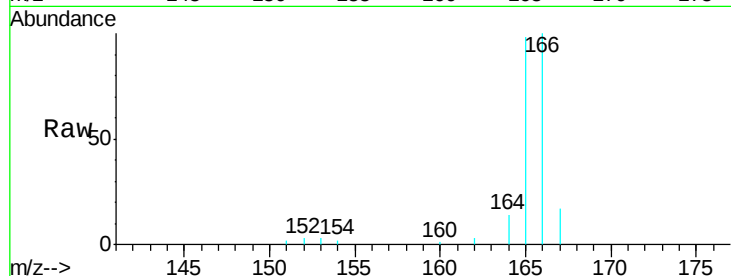
ClientSampleId :

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Tgt Ion:	166	Resp:	12870
Ion Ratio	Lower	Upper	
166	100		
165	98.0	76.6	115.0
167	16.9	11.7	17.5

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#12

Phenanthrene

Concen: 6.835 ng/ul

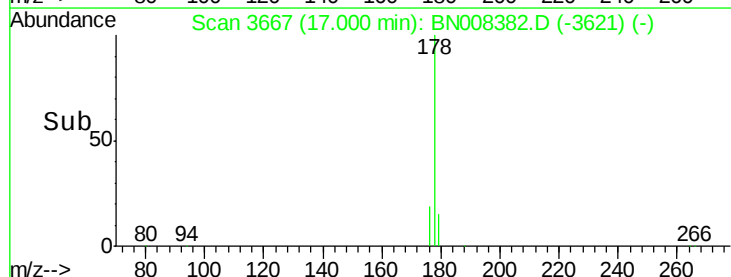
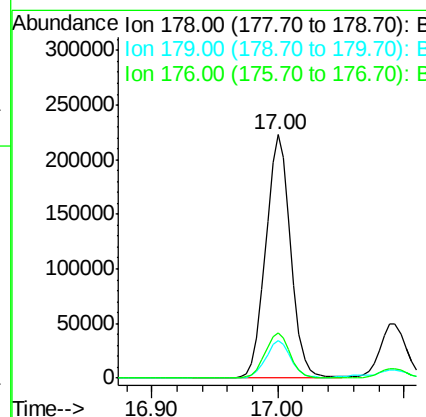
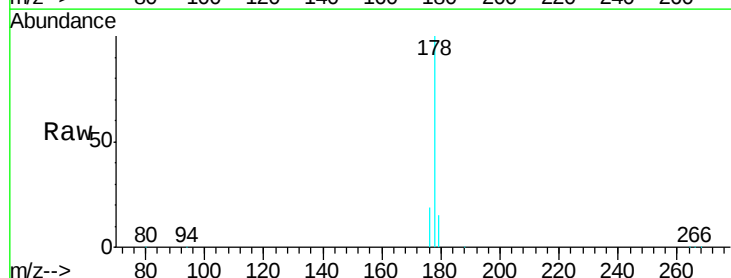
RT: 17.00 min Scan# 3667

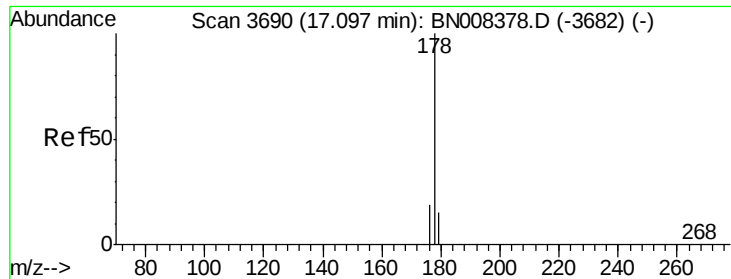
Delta R.T. -0.00 min

Lab File: BN008382.D

Acq: 24 Oct 2019 11:51

Tgt Ion:	178	Resp:	305584
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.8	19.2
176	18.8	15.4	23.2





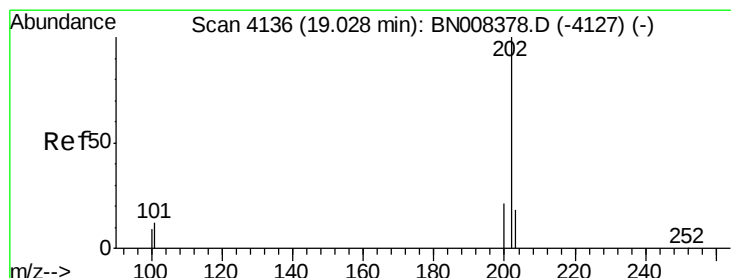
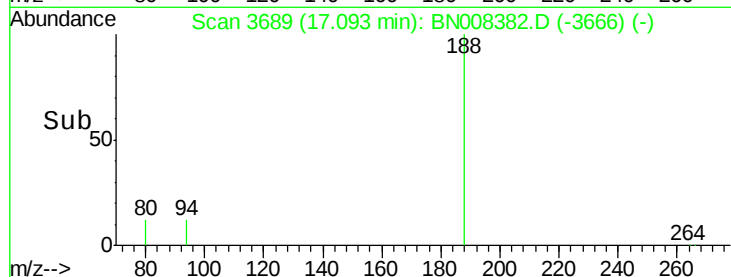
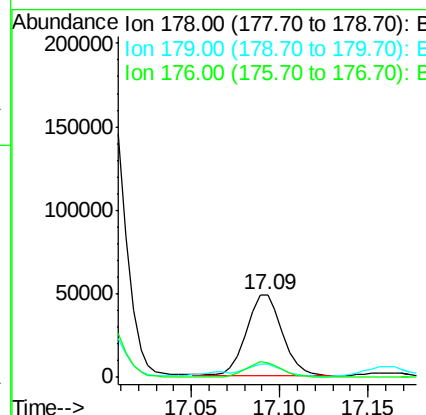
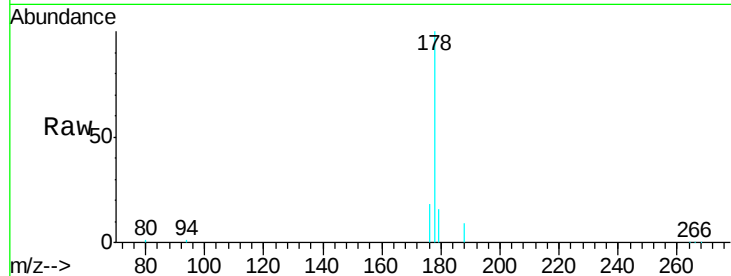
#13
 Anthracene
 Concen: 1.727 ng/ul
 RT: 17.09 min Scan# 3689
 Delta R.T. -0.00 min
 Lab File: BN008382.D
 Acq: 24 Oct 2019 11:51

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.6
176	18.2	15.0	22.6

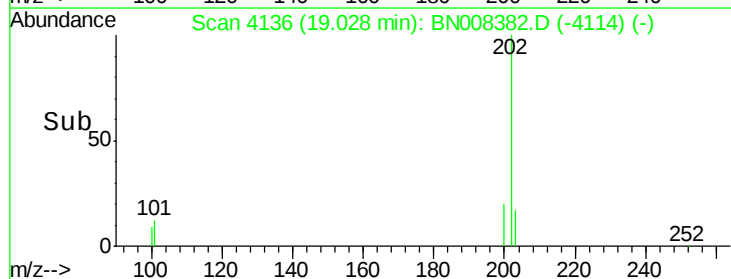
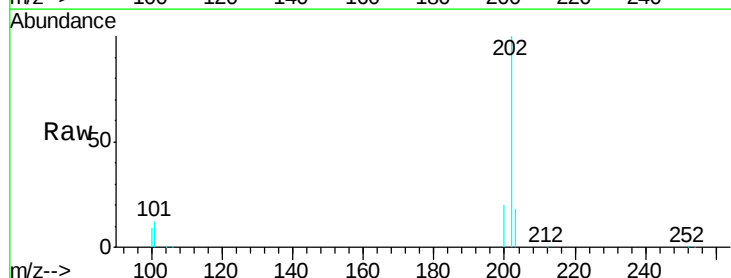
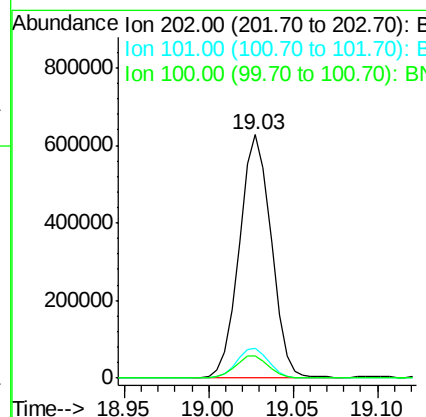
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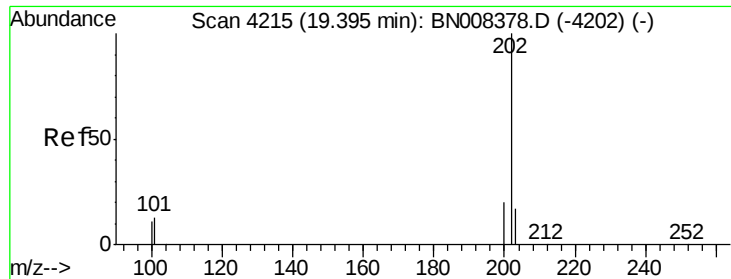
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#15
 Fluoranthene
 Concen: 13.887 ng/ul
 RT: 19.03 min Scan# 4136
 Delta R.T. -0.00 min
 Lab File: BN008382.D
 Acq: 24 Oct 2019 11:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.2
100	9.1	0.0	28.5





#17

Pyrene

Concen: 18.240 ng/ul

RT: 19.39 min Scan# 4215

Delta R.T. -0.00 min

Lab File: BN008382.D

Acq: 24 Oct 2019 11:51

Instrument :

BNA_N

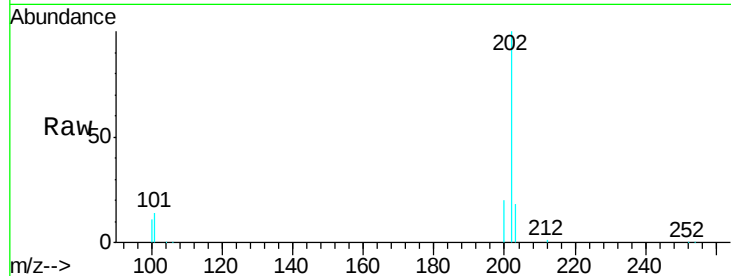
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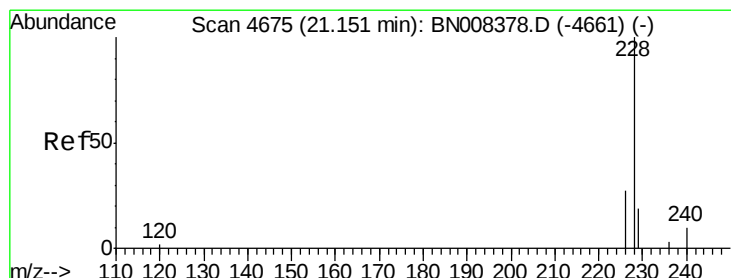
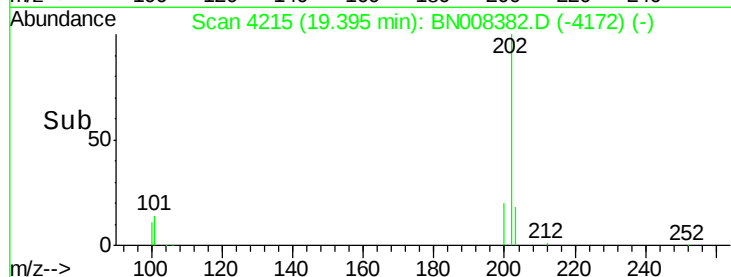
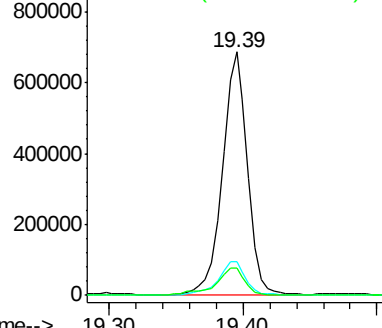
Tgt Ion:	202	Resp:	890411
Ion Ratio	Lower	Upper	
202	100		
101	13.7	10.9	16.3
100	11.0	8.7	13.1

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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): B



#18

Benzo(a)anthracene

Concen: 11.422 ng/ul

RT: 21.15 min Scan# 4675

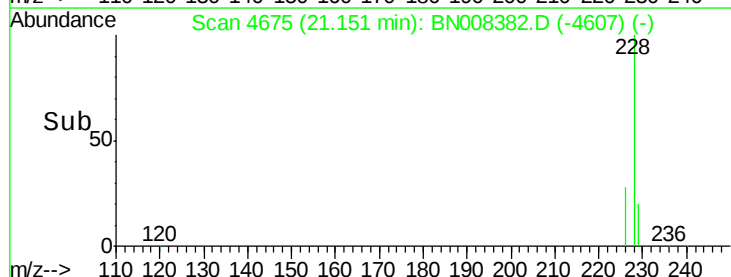
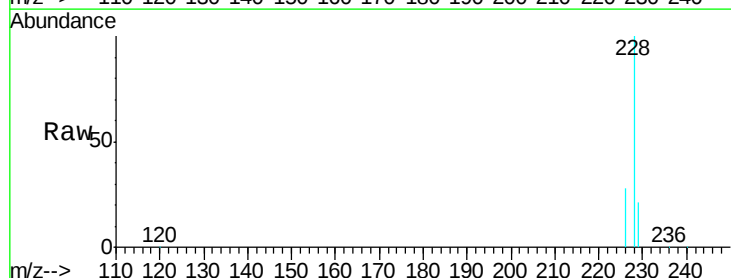
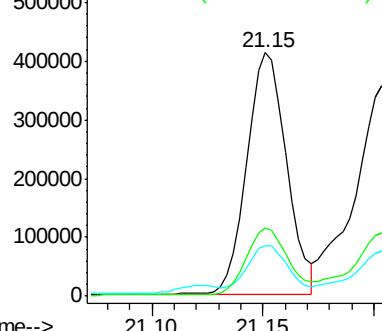
Delta R.T. -0.00 min

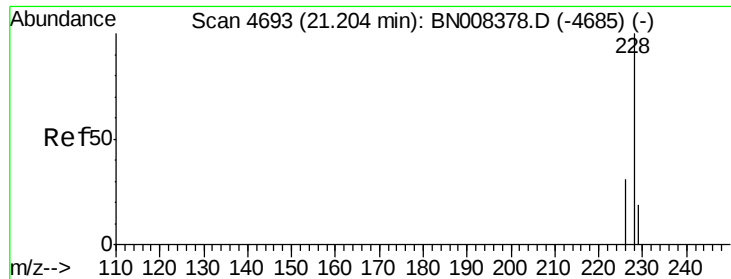
Lab File: BN008382.D

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Tgt Ion:	228	Resp:	509135
Ion Ratio	Lower	Upper	
228	100		
229	20.9	16.2	24.2
226	28.2	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: 9.725 ng/ul

RT: 21.20 min Scan# 4693

Delta R.T. -0.00 min

Lab File: BN008382.D

Acq: 24 Oct 2019 11:51

Instrument :

BNA_N

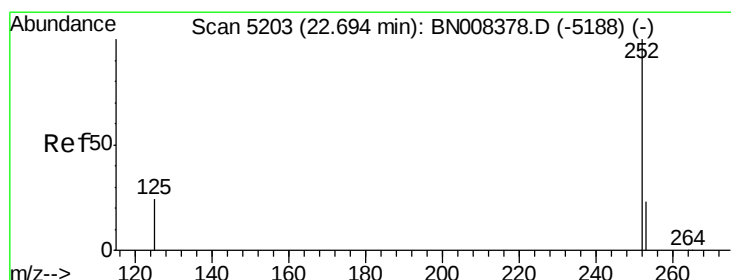
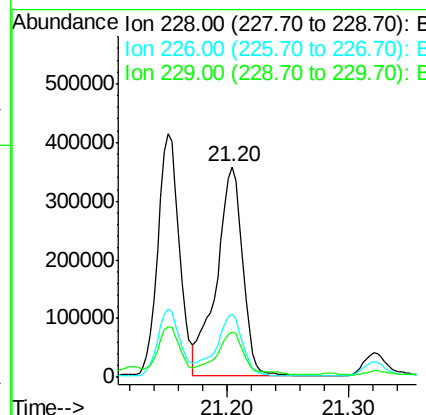
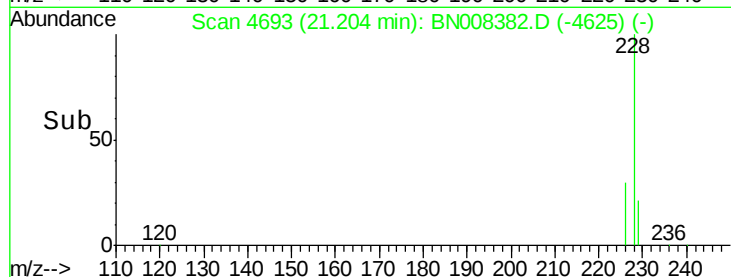
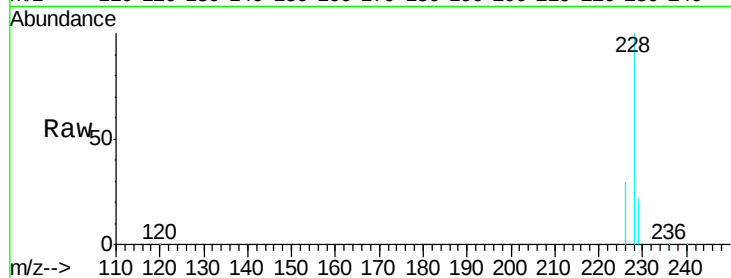
ClientSampled :

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Tgt Ion:	228	Resp:	531964
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.1	36.1
229	21.7	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 15.145 ng/ul m

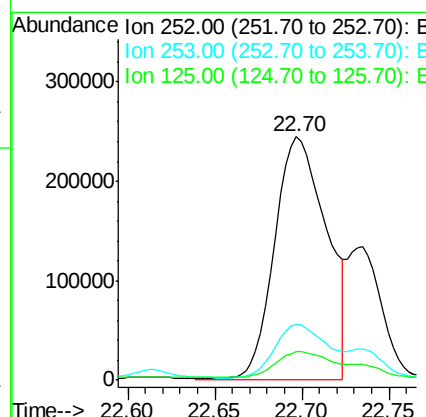
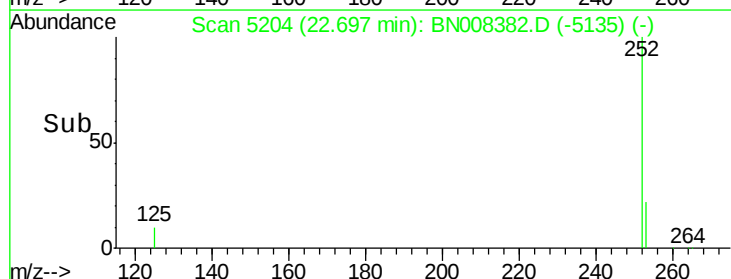
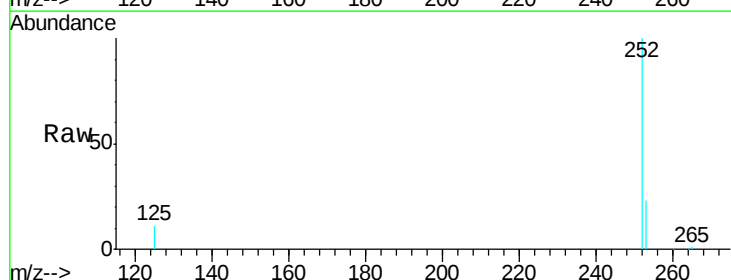
RT: 22.70 min Scan# 5204

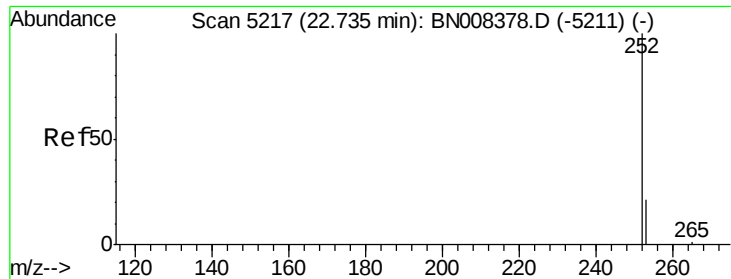
Delta R.T. 0.00 min

Lab File: BN008382.D

Acq: 24 Oct 2019 11:51

Tgt Ion:	252	Resp:	509147
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	53.4
125	11.5	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 4.375 ng/ul m

RT: 22.73 min Scan# 5217

Delta R.T. -0.00 min

Lab File: BN008382.D

Acq: 24 Oct 2019 11:51

Instrument :

BNA_N

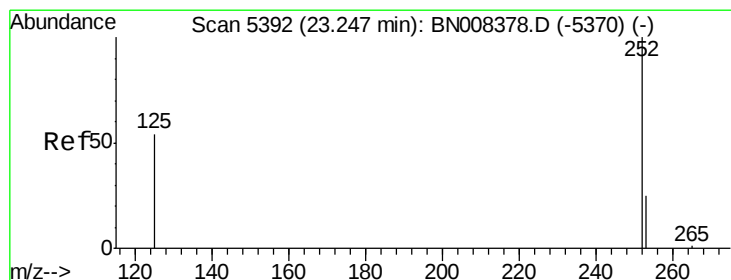
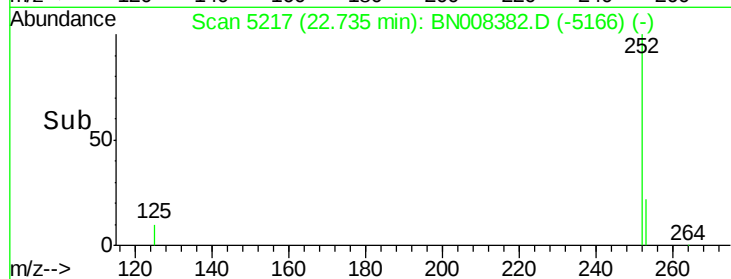
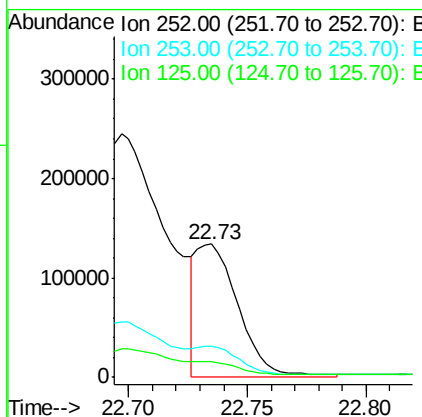
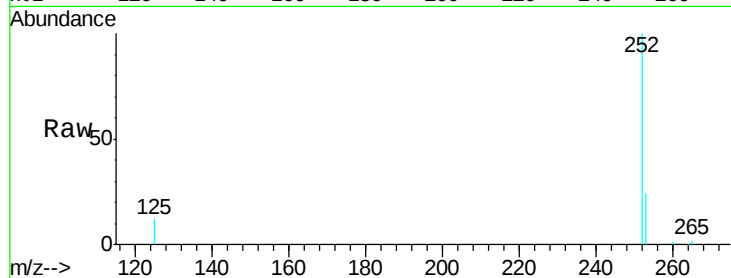
ClientSampleId :

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Tgt Ion:	252	Resp:	166606
Ion Ratio	Lower	Upper	
252	100		
253	23.6	21.3	31.9
125	11.6	12.3	18.5#

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#23

Benzo(a)pyrene

Concen: 10.821 ng/ul

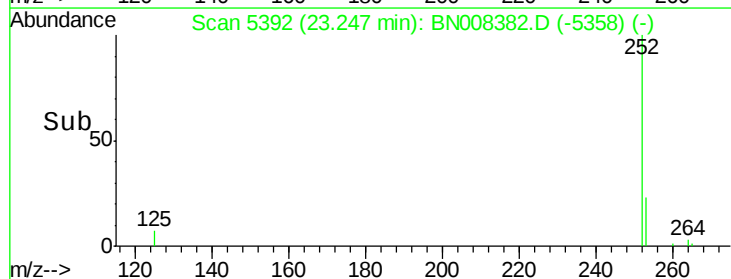
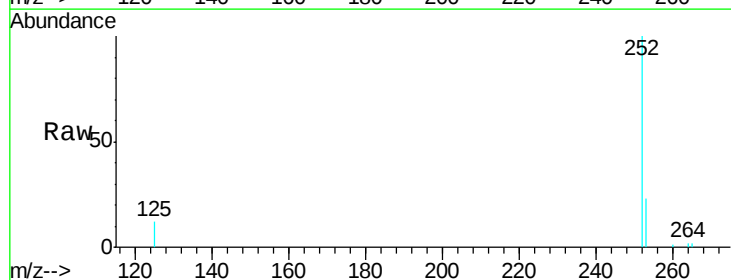
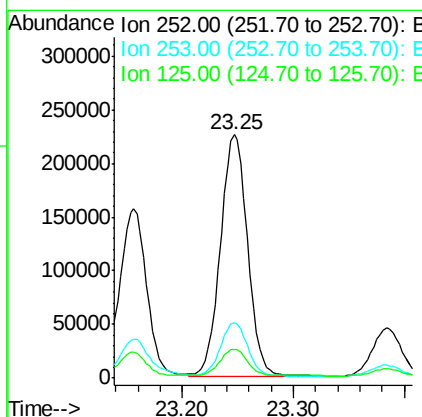
RT: 23.25 min Scan# 5392

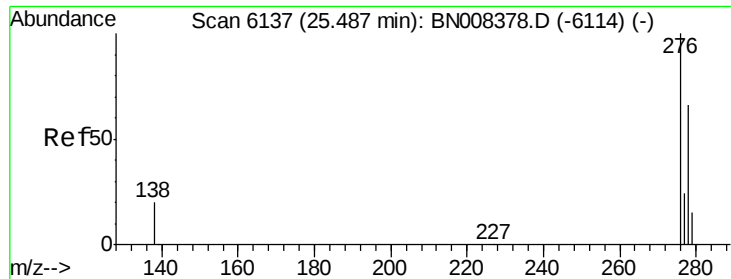
Delta R.T. -0.00 min

Lab File: BN008382.D

Acq: 24 Oct 2019 11:51

Tgt Ion:	252	Resp:	382812
Ion Ratio	Lower	Upper	
252	100		
253	22.9	22.8	34.2
125	11.9	18.4	27.6#





#24

Indeno(1,2,3-cd)pyrene

Concen: 4.993 ng/ul

RT: 25.49 min Scan# 6138

Delta R.T. 0.00 min

Lab File: BN008382.D

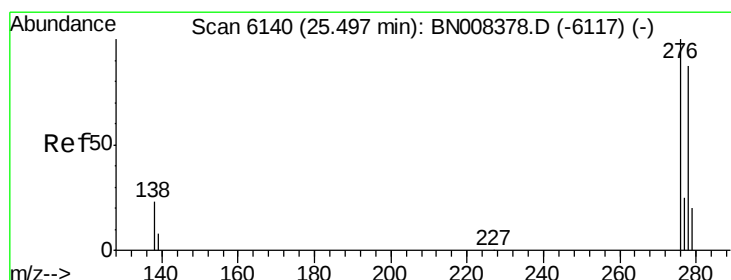
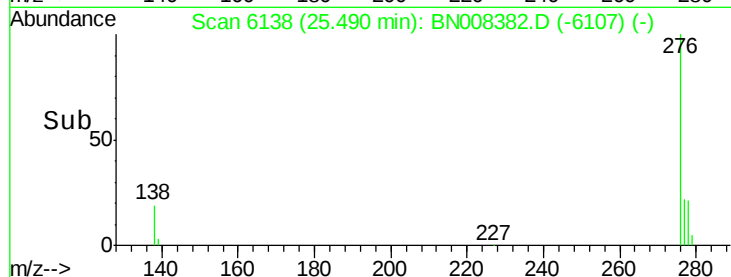
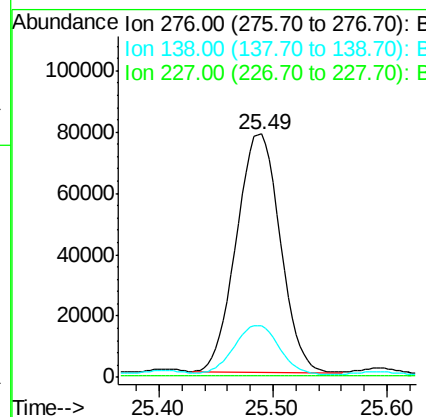
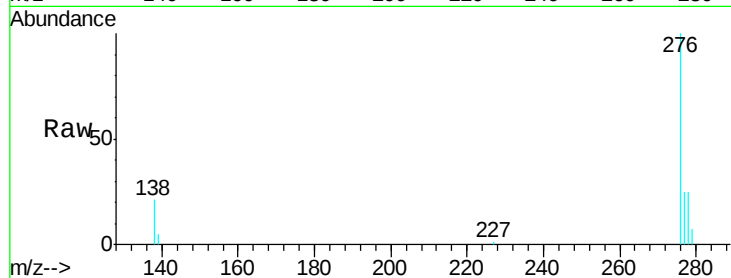
Acq: 24 Oct 2019 11:51

Instrument :
BNA_N
ClientSampleId :
BEPB6

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	20.8	16.1	24.1
227	0.2	0.2	0.2

Manual Integrations
APPROVED

mohammad
10/25/2019 8:05:23 AM



#25

Dibenzo(a,h)anthracene

Concen: 1.807 ng/ul

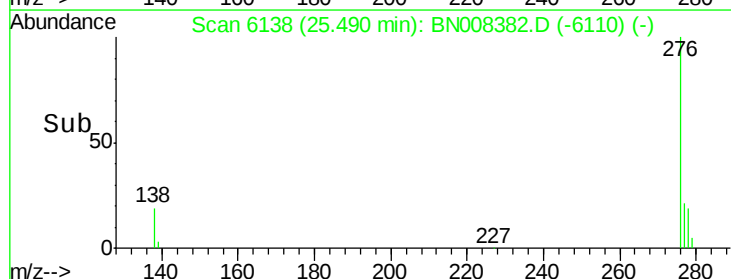
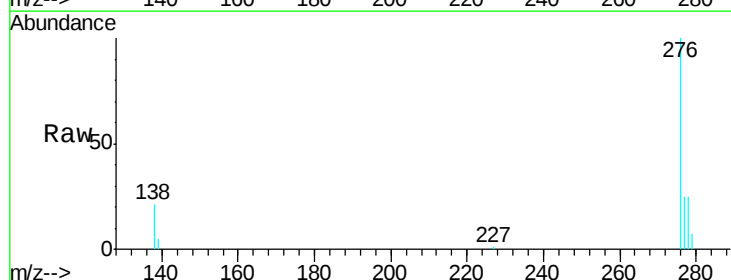
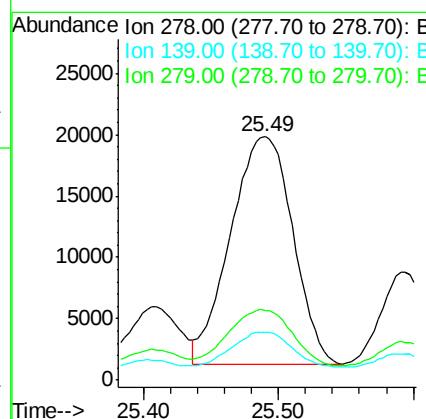
RT: 25.49 min Scan# 6138

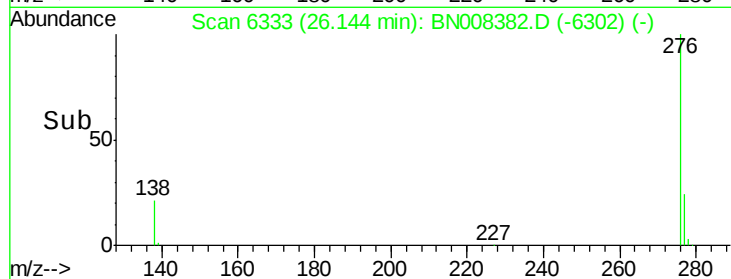
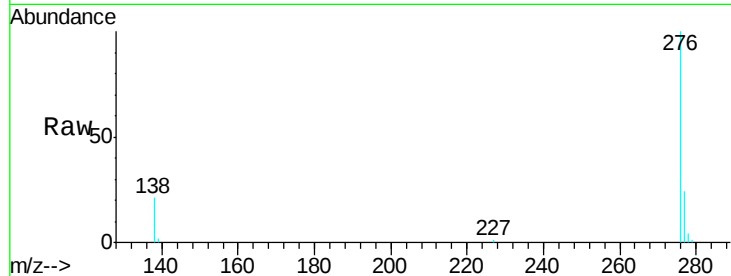
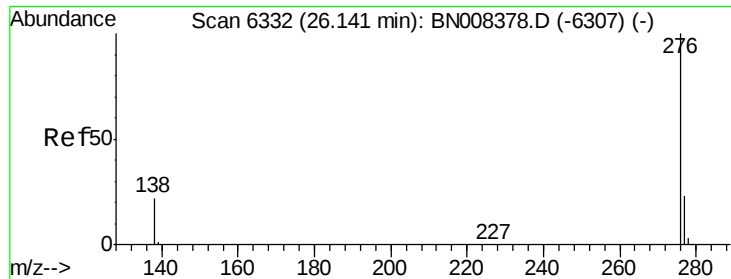
Delta R.T. -0.01 min

Lab File: BN008382.D

Acq: 24 Oct 2019 11:51

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	19.5	15.0	22.6
279	28.8	22.4	33.6





#26
Benzo(g,h,i)perylene
Concen: 5.562 ng/ul
RT: 26.14 min Scan# 6333
Delta R.T. 0.00 min
Lab File: BN008382.D
Acq: 24 Oct 2019 11:51

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	21.4	17.0	25.4
277	24.3	20.4	30.6

Instrument :
BNA_N
ClientSampleId :
BEPB6

Manual Integrations
APPROVED

mohammad
10/25/2019 8:05:23 AM

