

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
 Data File : BN008386.D
 Acq On : 24 Oct 2019 14:14
 Operator : JU
 Sample : K5235-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPB8

Manual Integrations
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 10/25/2019 8:05:35 AM

Quant Time: Oct 24 15:42:23 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	2072	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.33	136	10042	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	6130	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	13404m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	10843	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	9133	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	3428	0.20	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	9919	0.21	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.38	128	7306	0.256	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	5327	0.272	ng/ul	100
7) Acenaphthylene	13.93	152	16170	0.554	ng/ul	99
8) Acenaphthene	14.27	153	11289	0.497	ng/ul	100
9) Fluorene	15.26	166	13866	0.538	ng/ul	96
11) Pentachlorophenol	16.62	266	121	0.037	ng/ul	97
12) Phenanthrene	17.00	178	228050	5.811	ng/ul	99
13) Anthracene	17.09	178	51229	1.483	ng/ul	99
15) Fluoranthene	19.03	202	463418	8.941	ng/ul	98
17) Pyrene	19.40	202	476615	11.040	ng/ul	99
18) Benzo(a)anthracene	21.15	228	253226	6.424	ng/ul	97
19) Chrysene	21.20	228	269853	5.578	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	260874m	8.774	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	97718m	2.901	ng/ul	
23) Benzo(a)pyrene	23.24	252	185539	5.930	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.49	276	106333	2.886	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.49	278	29575	1.015	ng/ul	96
26) Benzo(g,h,i)perylene	26.14	276	109611	3.244	ng/ul	98

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

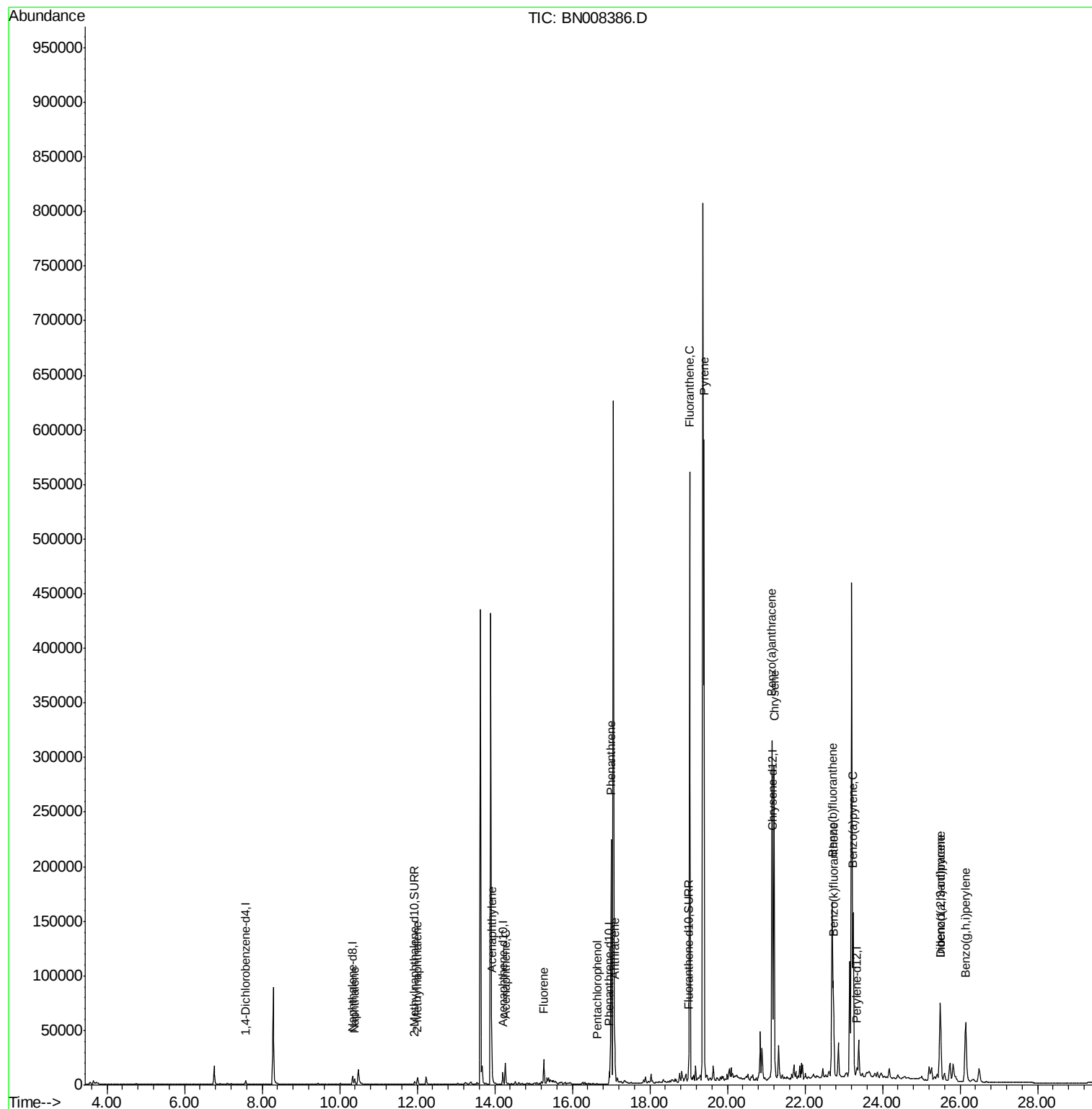
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
Data File : BN008386.D
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ALS Vial : 10 Sample Multiplier: 1

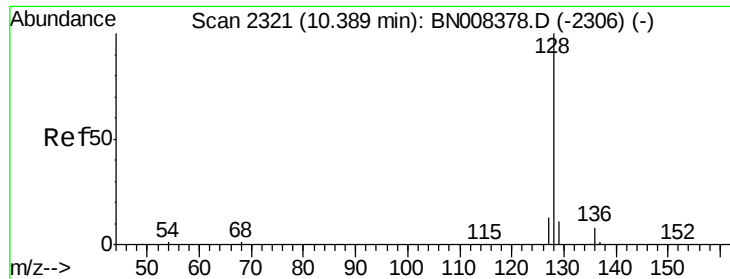
Instrument :
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Quant Time: Oct 24 15:42:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 24 13:52:48 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.256 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BN008386.D

Acq: 24 Oct 2019 14:14

Instrument :

BNA_N

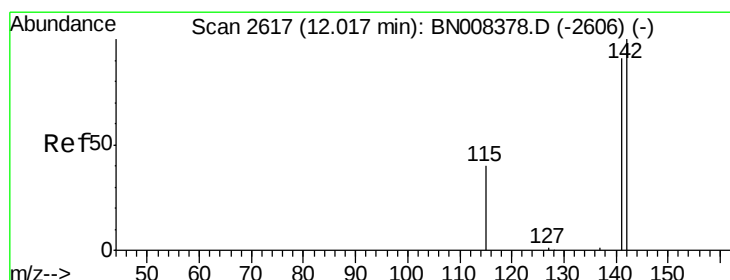
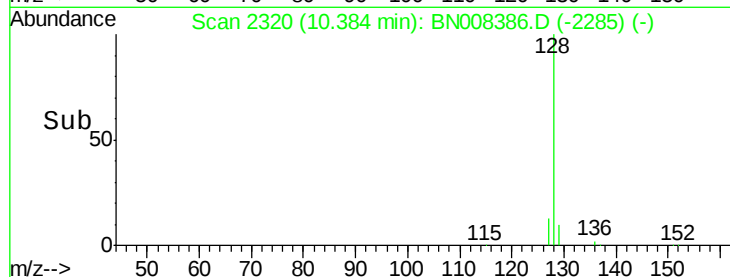
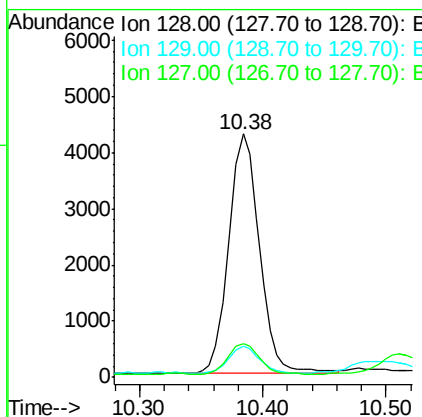
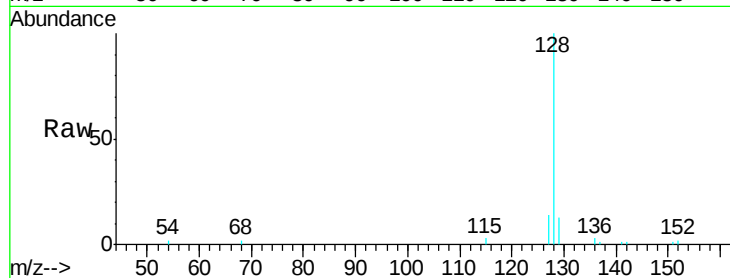
ClientSampleId :

BEPB8

Tgt Ion:	128	Resp:	7306
Ion Ratio	Lower	Upper	
128	100		
129	12.7	9.8	14.8
127	14.0	11.1	16.7

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#5

2-Methylnaphthalene

Concen: 0.272 ng/ul

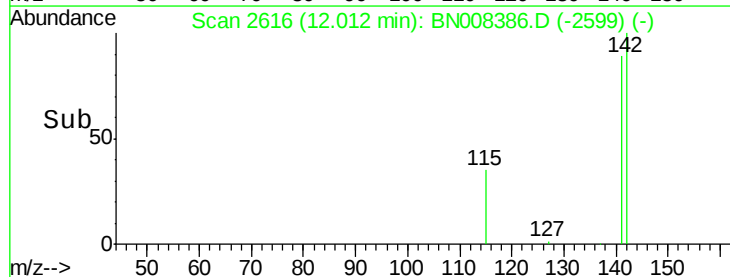
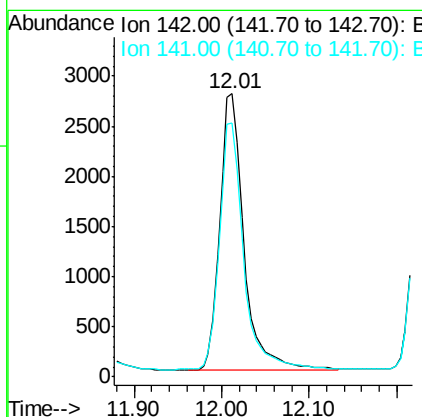
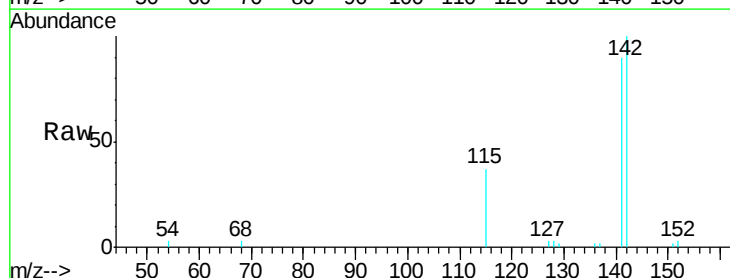
RT: 12.01 min Scan# 2616

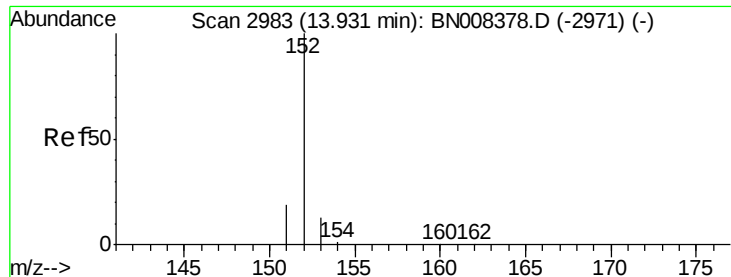
Delta R.T. -0.01 min

Lab File: BN008386.D

Acq: 24 Oct 2019 14:14

Tgt Ion:	142	Resp:	5327
Ion Ratio	Lower	Upper	
142	100		
141	89.7	71.4	107.2





#7

Acenaphthylene

Concen: 0.554 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.00 min

Lab File: BN008386.D

Acq: 24 Oct 2019 14:14

Instrument :

BNA_N

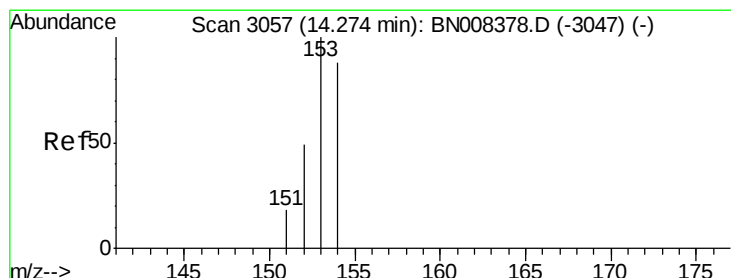
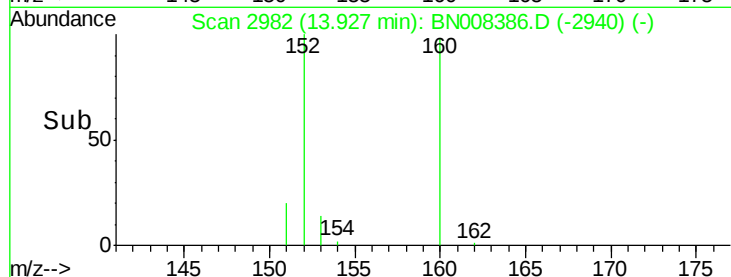
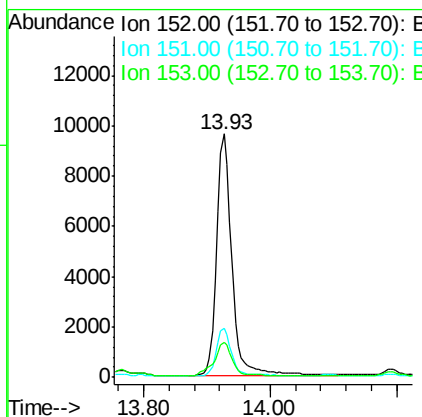
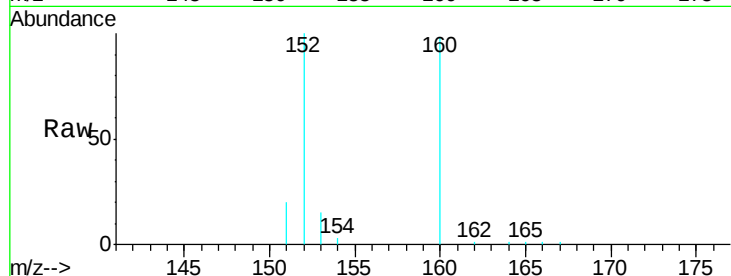
ClientSampleId :

BEPB8

Tgt Ion:	152	Resp:	16170
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.4
153	14.6	11.0	16.4

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#8

Acenaphthene

Concen: 0.497 ng/ul

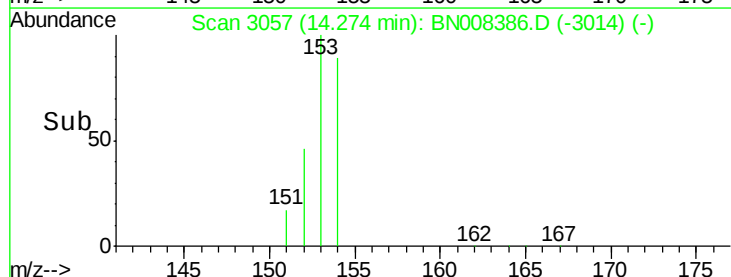
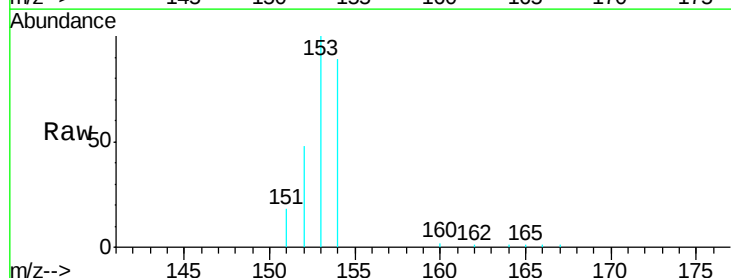
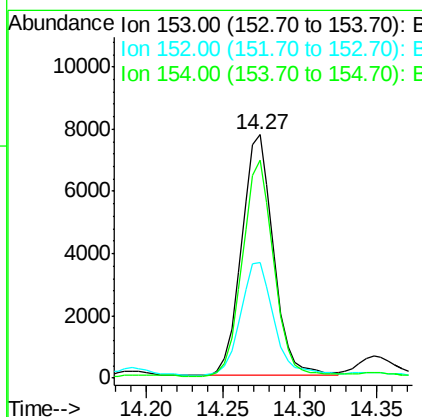
RT: 14.27 min Scan# 3057

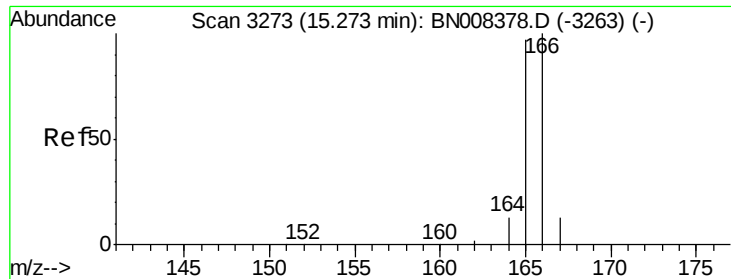
Delta R.T. 0.00 min

Lab File: BN008386.D

Acq: 24 Oct 2019 14:14

Tgt Ion:	153	Resp:	11289
Ion Ratio	Lower	Upper	
153	100		
152	47.7	38.2	57.2
154	89.3	71.8	107.8





#9

Fluorene

Concen: 0.538 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.01 min

Lab File: BN008386.D

Acq: 24 Oct 2019 14:14

Instrument :

BNA_N

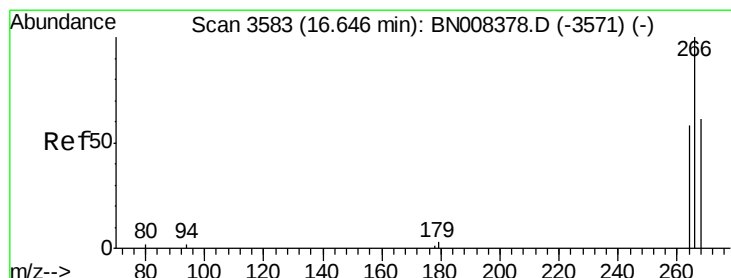
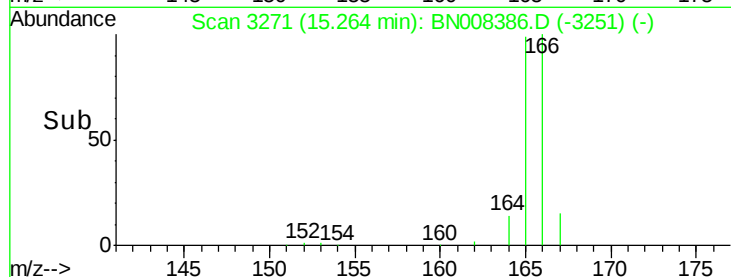
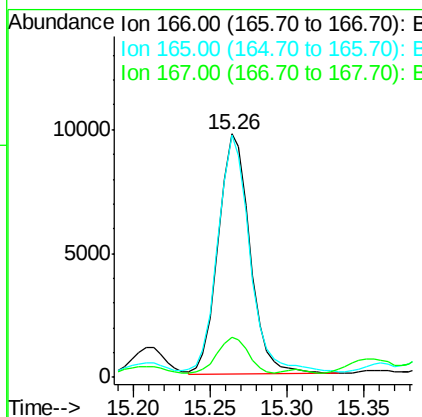
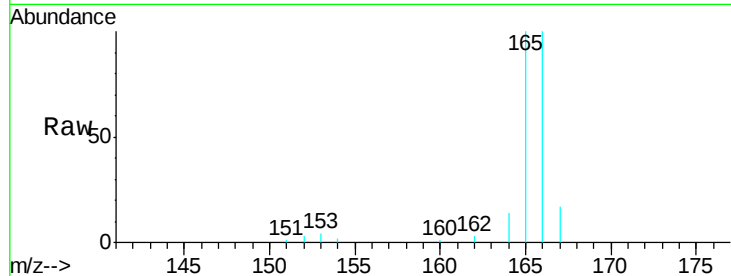
ClientSampleId :

BEPB8

Tgt Ion:	166	Resp:	13866
Ion Ratio	Lower	Upper	
166	100		
165	99.5	76.6	115.0
167	16.6	11.7	17.5

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#11

Pentachlorophenol

Concen: 0.037 ng/ul

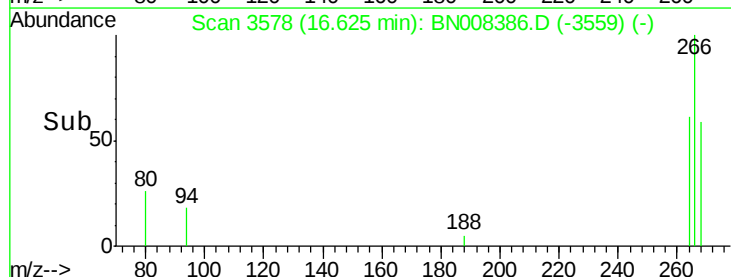
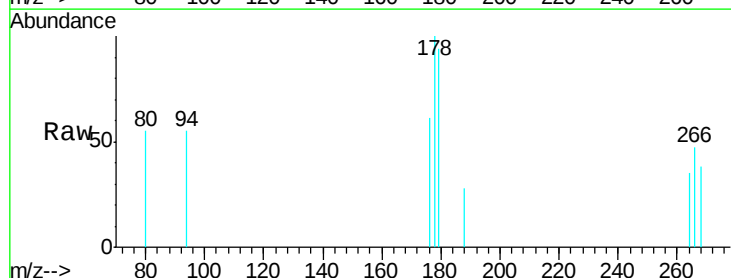
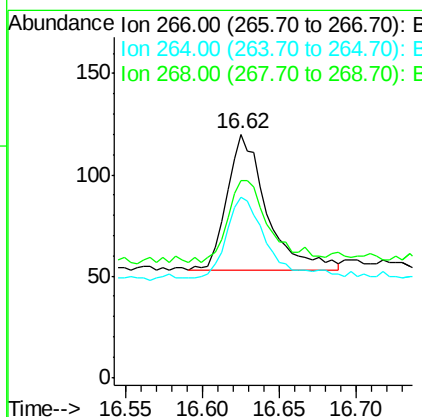
RT: 16.62 min Scan# 3578

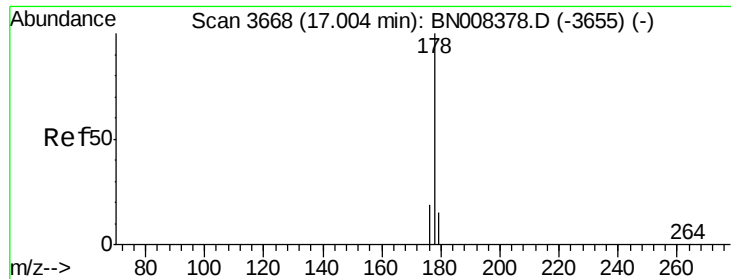
Delta R.T. -0.02 min

Lab File: BN008386.D

Acq: 24 Oct 2019 14:14

Tgt Ion:	266	Resp:	121
Ion Ratio	Lower	Upper	
266	100		
264	63.6	50.1	75.1
268	62.0	51.9	77.9





#12

Phenanthrene

Concen: 5.811 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BN008386.D

Acq: 24 Oct 2019 14:14

Instrument :

BNA_N

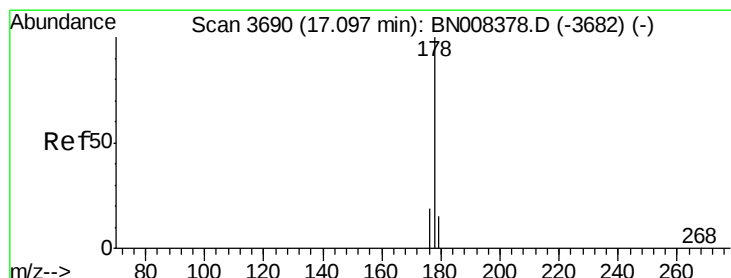
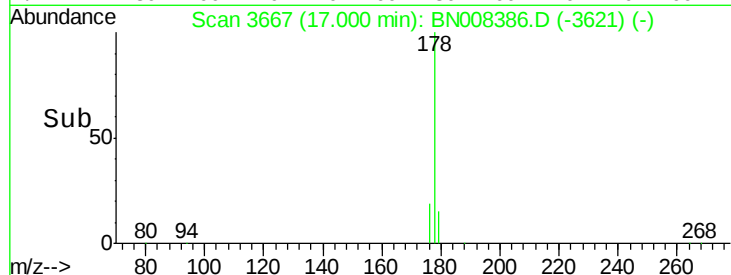
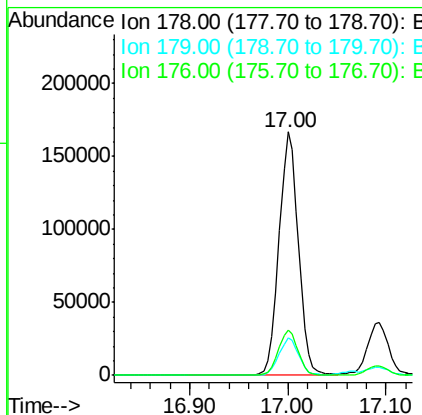
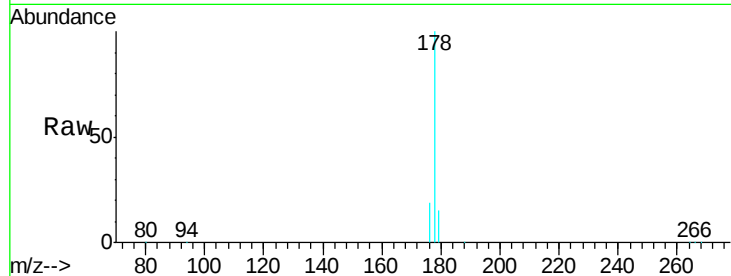
ClientSampleId :

BEPB8

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	18.8	15.4	23.2

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#13

Anthracene

Concen: 1.483 ng/ul

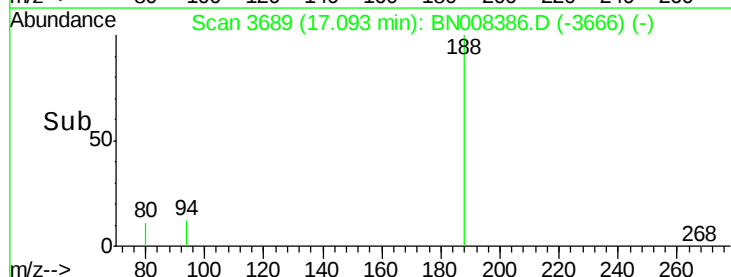
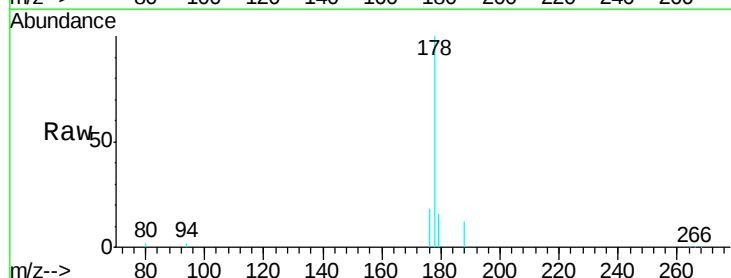
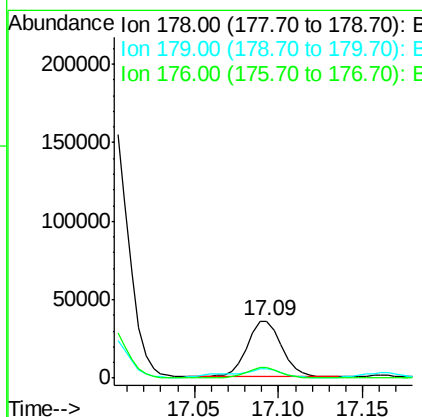
RT: 17.09 min Scan# 3689

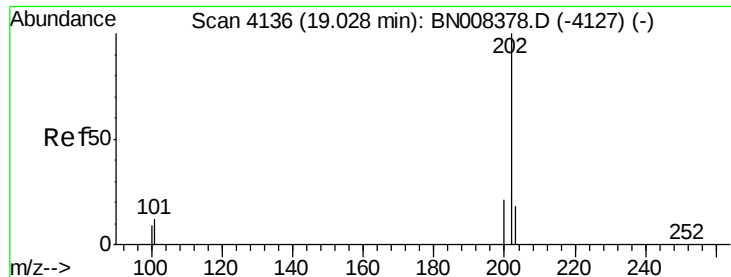
Delta R.T. -0.00 min

Lab File: BN008386.D

Acq: 24 Oct 2019 14:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.6
176	18.1	15.0	22.6





#15

Fluoranthene

Concen: 8.941 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. 0.00 min

Lab File: BN008386.D

Acq: 24 Oct 2019 14:14

Instrument :

BNA_N

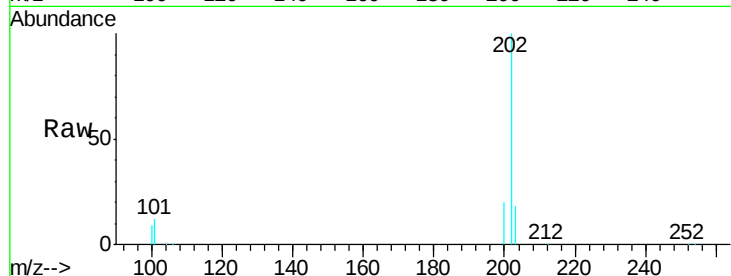
ClientSampleId :

BEPB8

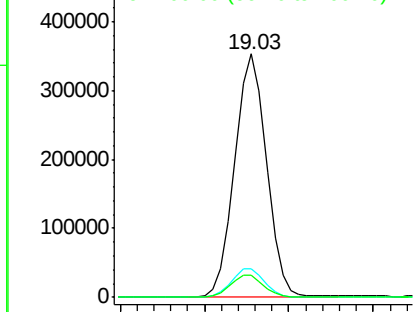
Tgt	Ion	202	Resp:	463418
Ion	Ratio	Lower	Upper	
202	100			
101	12.0	0.0	31.2	
100	9.0	0.0	28.5	

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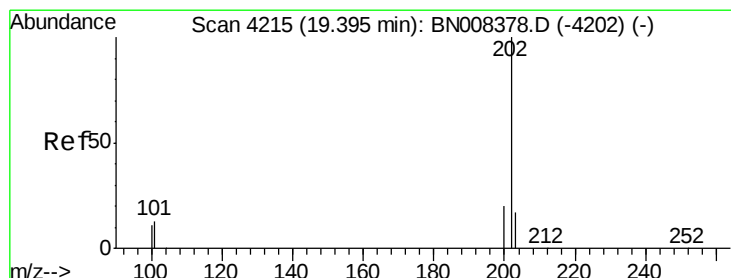
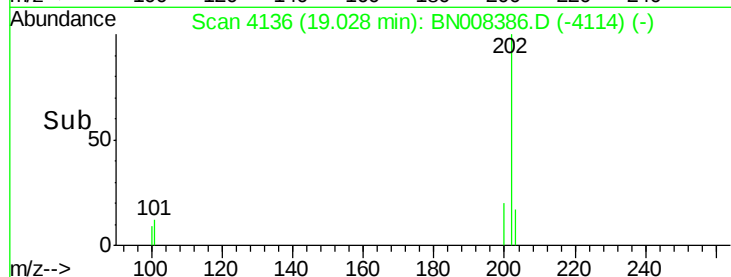
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time--> 18.95 19.00 19.05 19.10



#17

Pyrene

Concen: 11.040 ng/ul

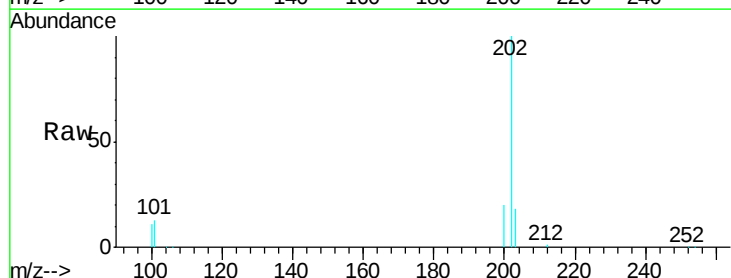
RT: 19.40 min Scan# 4215

Delta R.T. 0.00 min

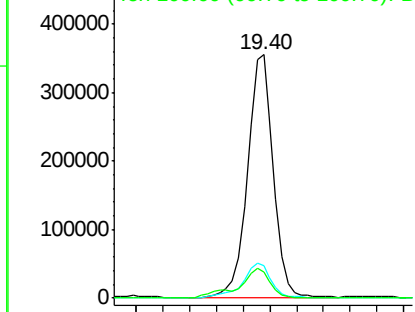
Lab File: BN008386.D

Acq: 24 Oct 2019 14:14

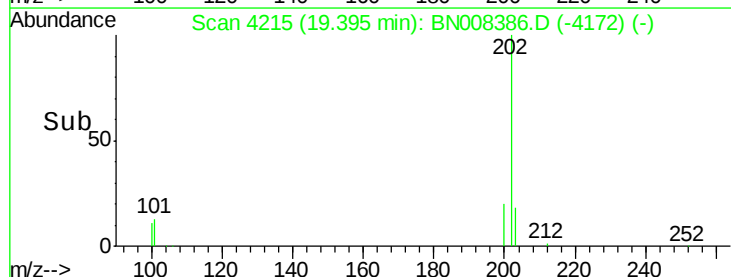
Tgt	Ion	202	Resp:	476615
Ion	Ratio	Lower	Upper	
202	100			
101	13.3	10.9	16.3	
100	10.6	8.7	13.1	

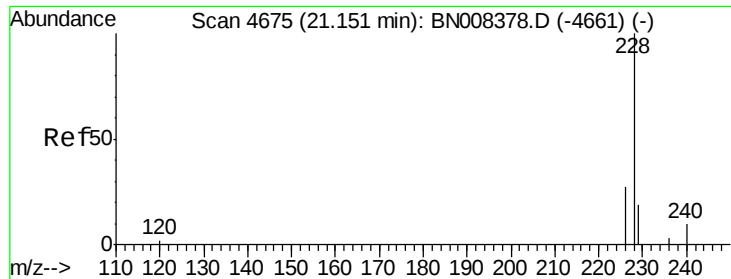


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time--> 19.30 19.40





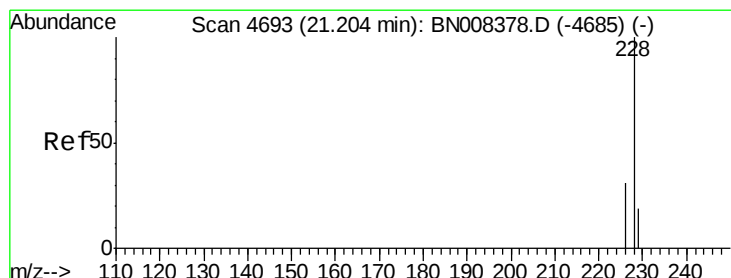
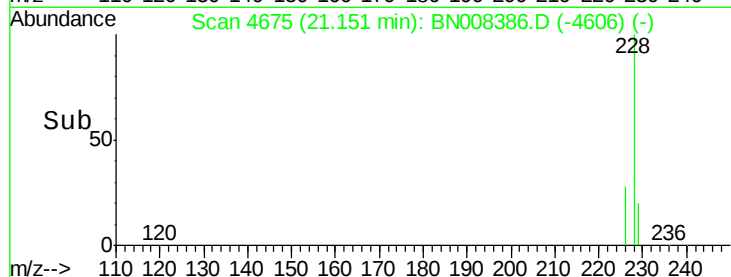
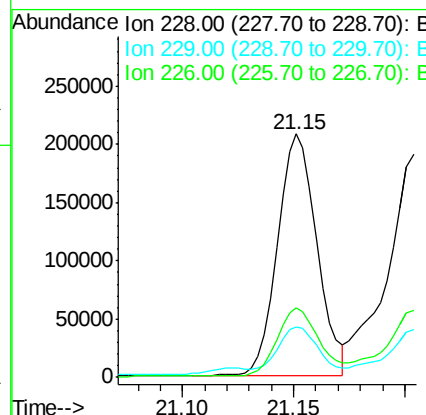
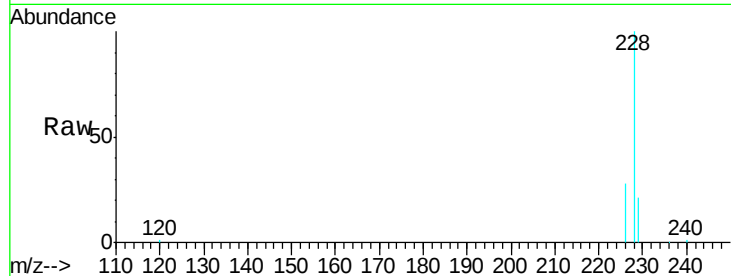
#18
Benzo(a)anthracene
Concen: 6.424 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. 0.00 min
Lab File: BN008386.D
Acq: 24 Oct 2019 14:14

Instrument :
BNA_N
ClientSampled :
BEPB8

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.2	24.2
226	28.4	21.4	32.0

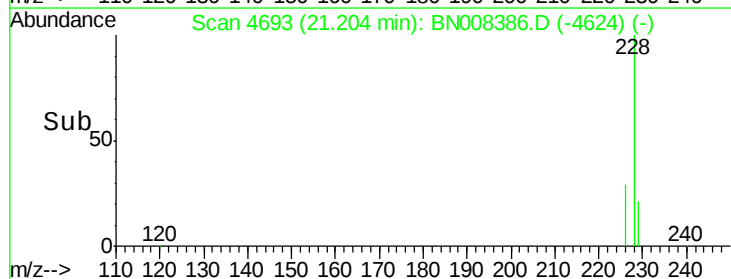
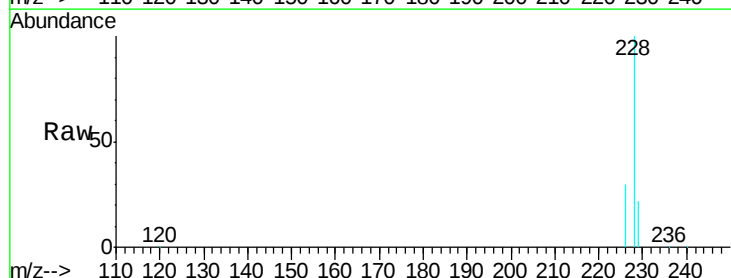
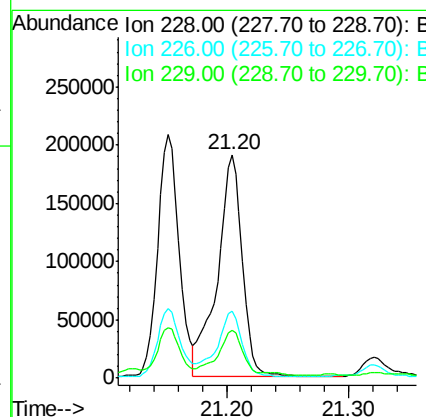
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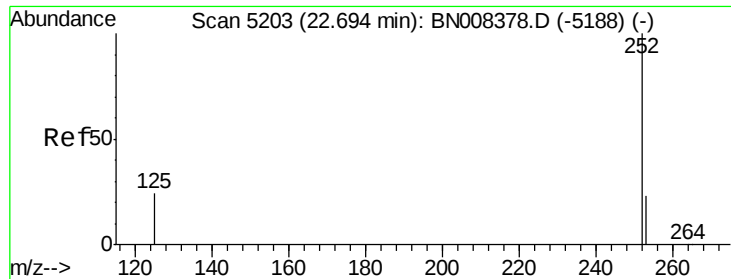
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#19
Chrysene
Concen: 5.578 ng/ul
RT: 21.20 min Scan# 4693
Delta R.T. 0.00 min
Lab File: BN008386.D
Acq: 24 Oct 2019 14:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	21.5	16.2	24.2





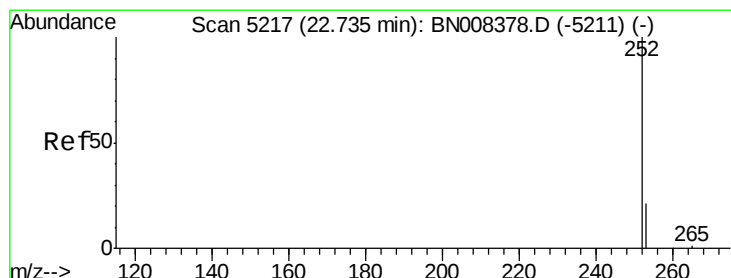
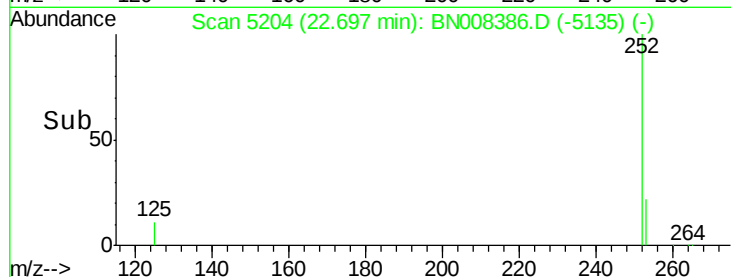
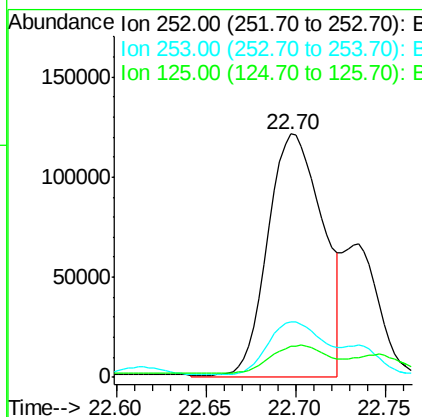
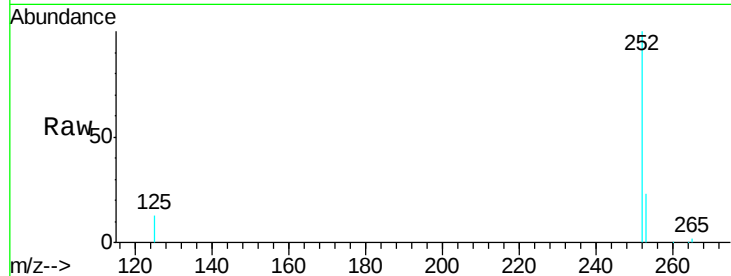
#21
Benzo(b)fluoranthene
Concen: 8.774 ng/ul m
RT: 22.70 min Scan# 5204
Delta R.T. 0.00 min
Lab File: BN008386.D
Acq: 24 Oct 2019 14:14

Instrument :
BNA_N
ClientSampleId :
BEPB8

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.9	0.0	53.4
125	12.7	0.0	32.4

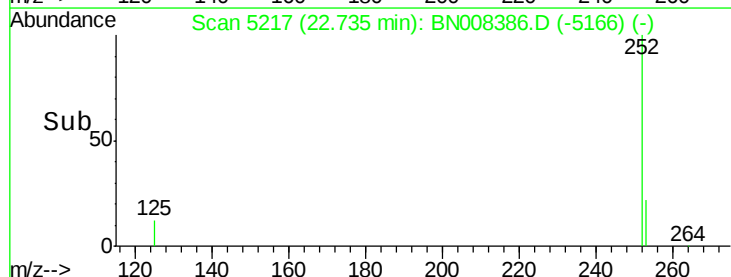
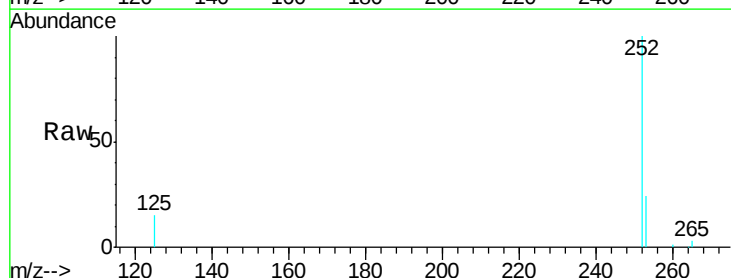
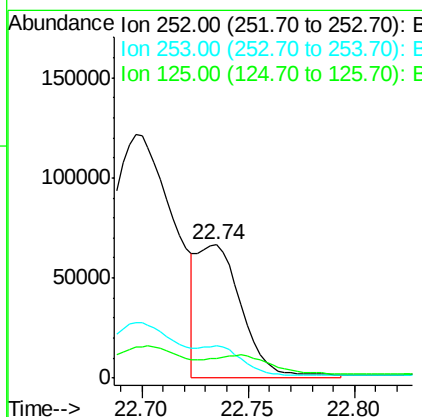
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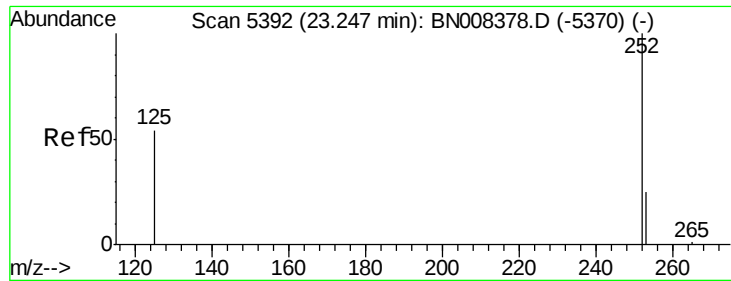
mohammad
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#22
Benzo(k)fluoranthene
Concen: 2.901 ng/ul m
RT: 22.74 min Scan# 5217
Delta R.T. 0.00 min
Lab File: BN008386.D
Acq: 24 Oct 2019 14:14

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	21.3	31.9
125	15.0	12.3	18.5





#23

Benzo(a)pyrene

Concen: 5.930 ng/ul

RT: 23.24 min Scan# 5391

Delta R.T. -0.00 min

Lab File: BN008386.D

Acq: 24 Oct 2019 14:14

Instrument :

BNA_N

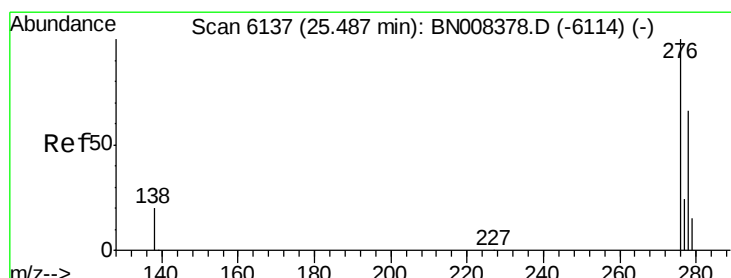
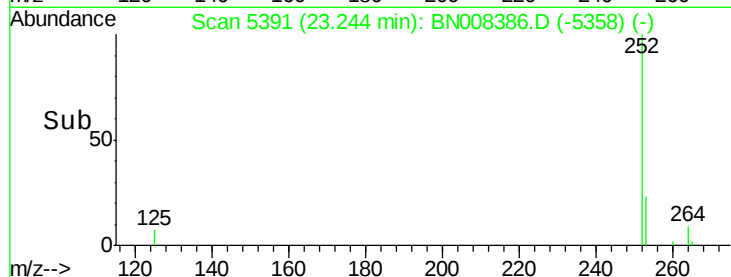
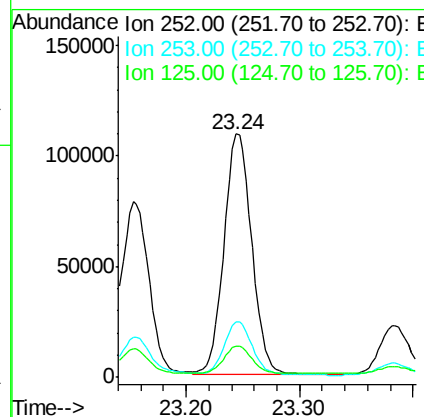
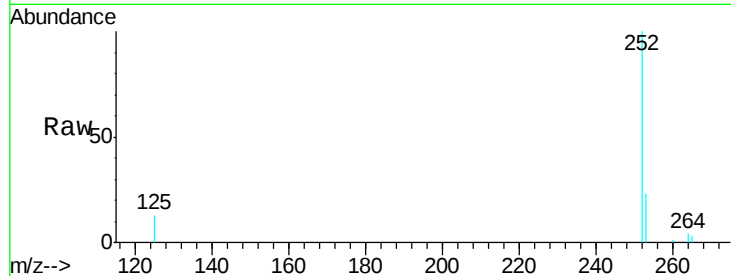
ClientSampleId :

BEPB8

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.9	22.8	34.2
125	13.0	18.4	27.6#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 2.886 ng/ul

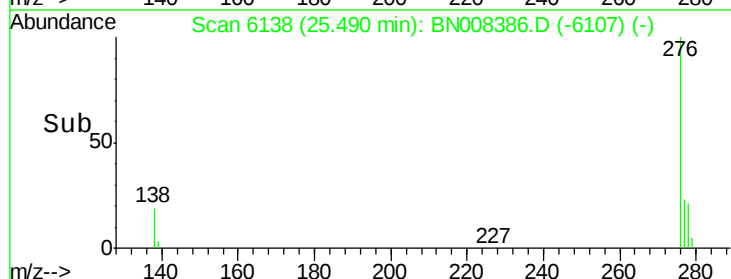
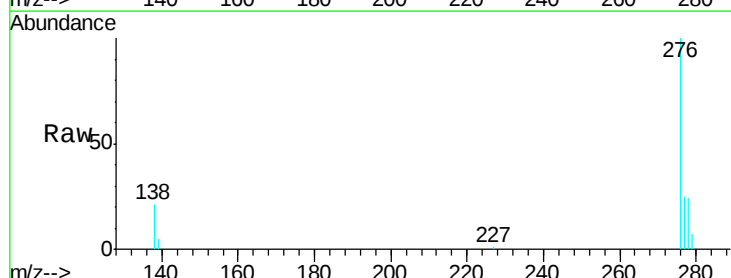
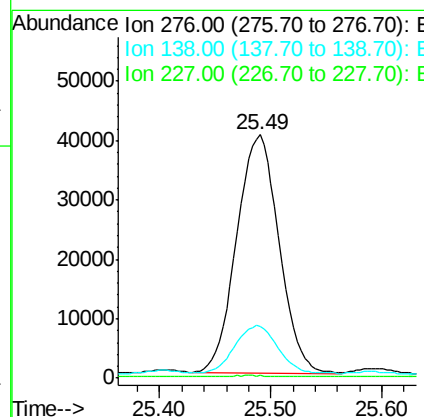
RT: 25.49 min Scan# 6138

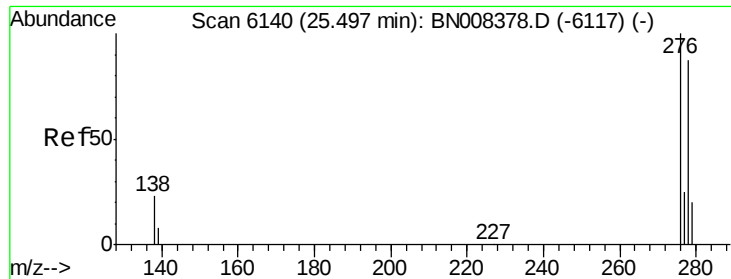
Delta R.T. 0.00 min

Lab File: BN008386.D

Acq: 24 Oct 2019 14:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	20.7	16.1	24.1
227	0.3	0.2	0.2#





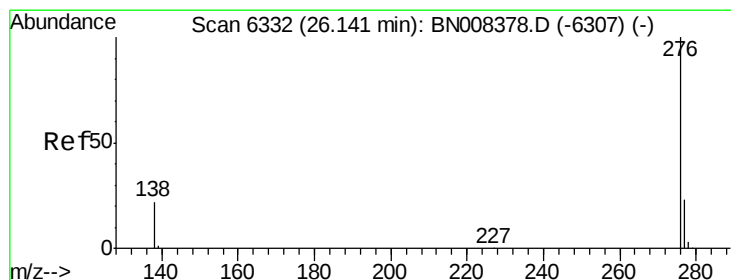
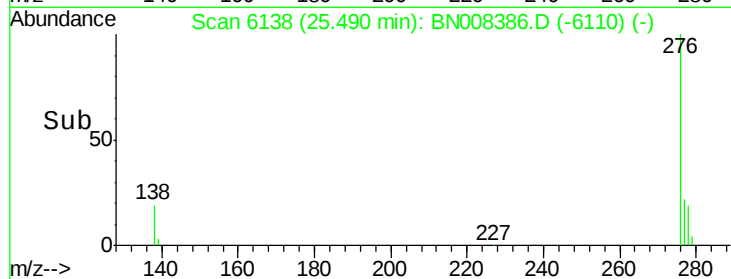
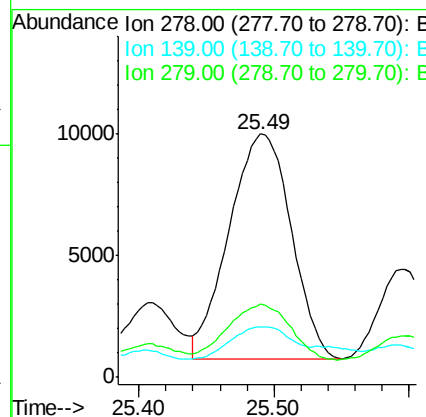
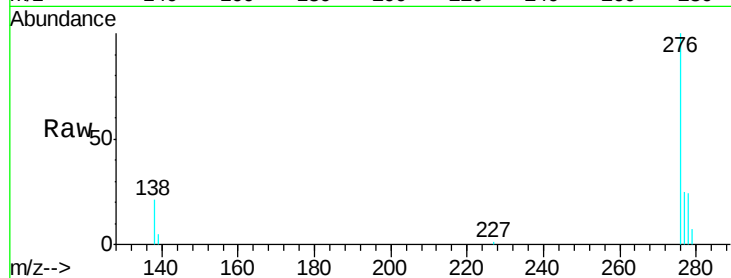
#25
Dibenzo(a,h)anthracene
Concen: 1.015 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.01 min
Lab File: BN008386.D
Acq: 24 Oct 2019 14:14

Instrument :
BNA_N
ClientSampleId :
BEPB8

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.9	15.0	22.6
279	30.0	22.4	33.6

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#26
Benzo(g,h,i)perylene
Concen: 3.244 ng/ul
RT: 26.14 min Scan# 6333
Delta R.T. 0.00 min
Lab File: BN008386.D
Acq: 24 Oct 2019 14:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	17.0	25.4
277	24.3	20.4	30.6

