

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008417.D
 Acq On : 25 Oct 2019 08:42
 Operator : JU
 Sample : K5236-11
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPM1

Manual Integrations
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mohammad
 10/25/2019 9:28:42 PM

Quant Time: Oct 25 12:10:04 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 : Fri Oct 25 00:45:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1932	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	9691	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	6189	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	13647	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11345	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	9697	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	2873	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	9502	0.20	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.38	128	8479	0.307	ng/ul	100
5) 2-Methylnaphthalene	12.01	142	7492	0.396	ng/ul	100
7) Acenaphthylene	13.93	152	40384	1.370	ng/ul	99
8) Acenaphthene	14.27	153	13689	0.597	ng/ul	99
9) Fluorene	15.26	166	30378	1.167	ng/ul	98
12) Phenanthrene	17.00	178	499877	12.511	ng/ul	99
13) Anthracene	17.09	178	93266	2.653	ng/ul	99
15) Fluoranthene	19.03	202	965871	18.303	ng/ul	98
17) Pyrene	19.40	202	752880	16.667	ng/ul	99
18) Benzo(a)anthracene	21.15	228	433475	10.509	ng/ul	98
19) Chrysene	21.20	228	417938	8.257	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	483902m	15.329	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	177811m	4.973	ng/ul	
23) Benzo(a)pyrene	23.25	252	312503	9.408	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.49	276	193840	4.955	ng/ul	100
25) Dibenzo(a,h)anthracene	25.49	278	51265	1.658	ng/ul	98
26) Benzo(a,h,i)perylene	26.14	276	176375	4.916	ng/ul	99

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

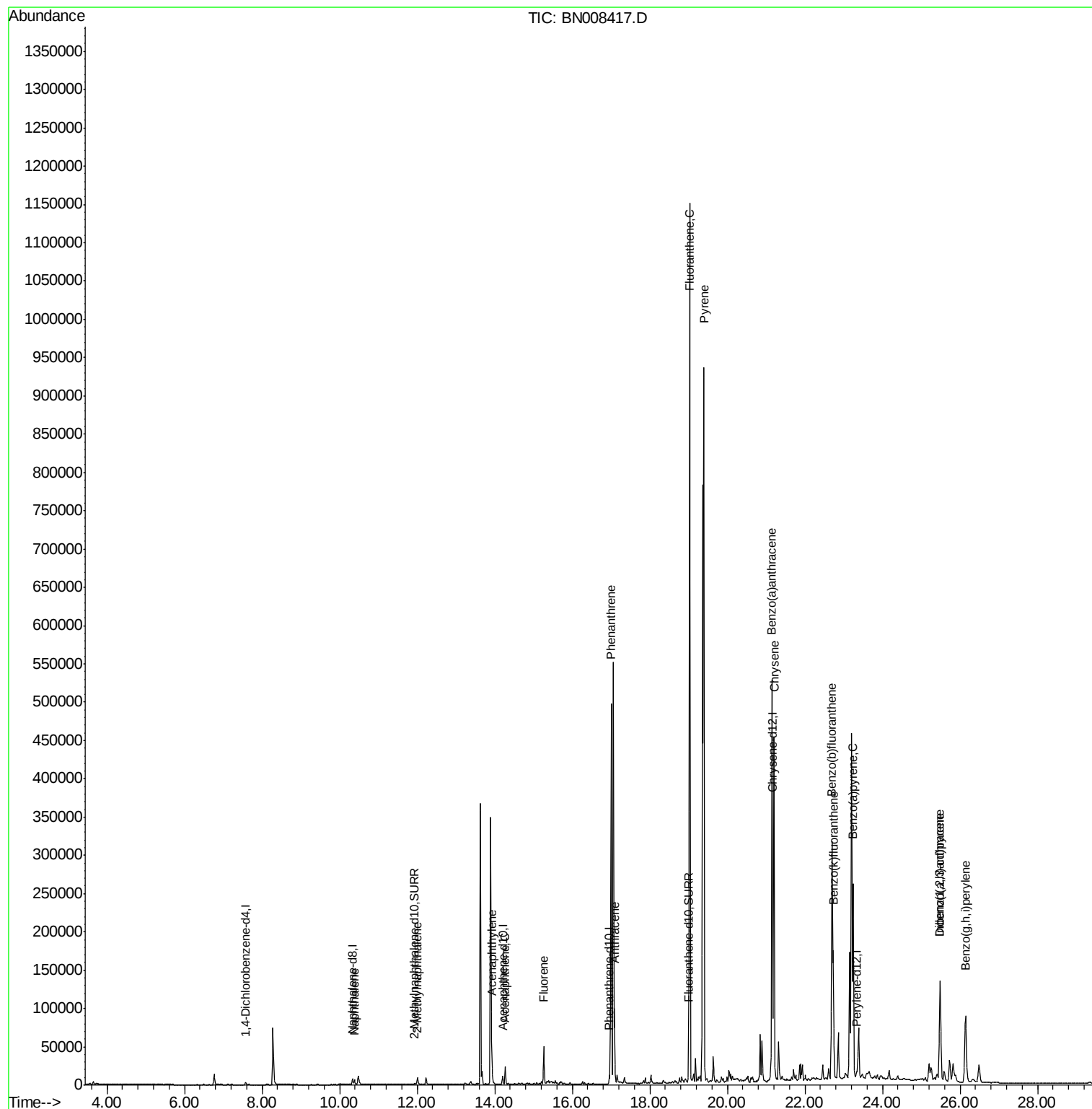
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008417.D
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Sample : K5236-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

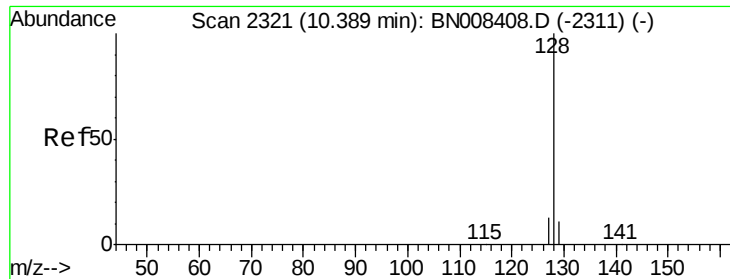
Instrument :
BNA_N
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Quant Time: Oct 25 12:10:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 25 00:45:13 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.307 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BN008417.D

Acq: 25 Oct 2019 08:42

Instrument :

BNA_N

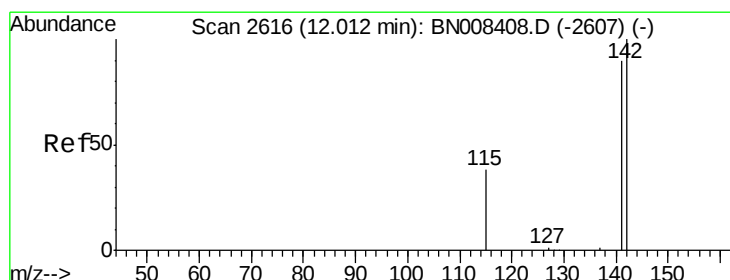
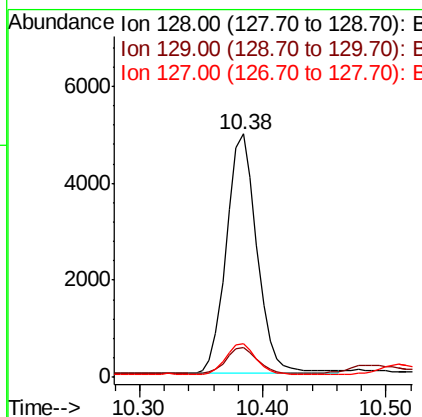
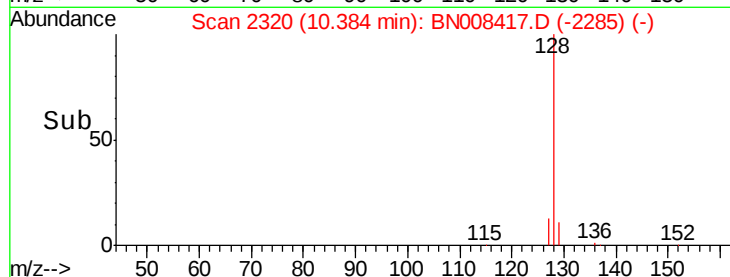
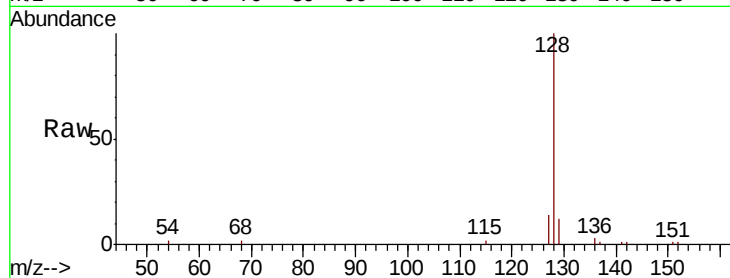
ClientSampled :

BEPM1

Tot Ion:128	Resp:	8479
Ion Ratio	Lower	Upper
128	100	
129	12.5	9.8 14.8
127	14.0	11.1 16.7

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#5

2-Methylnaphthalene

Concen: 0.396 ng/ul

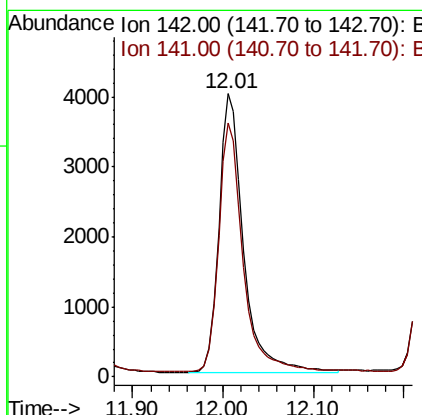
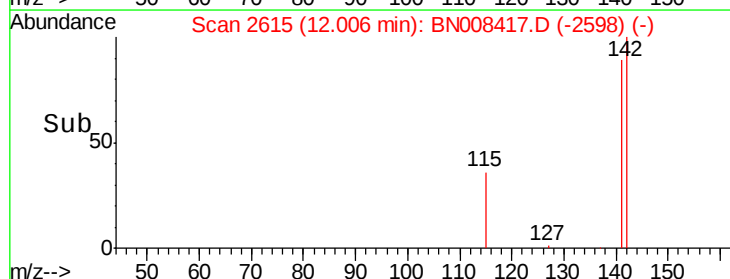
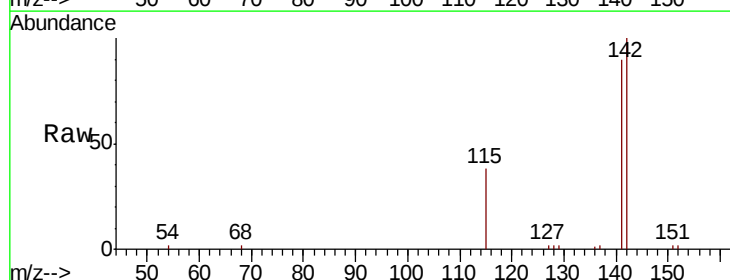
RT: 12.01 min Scan# 2615

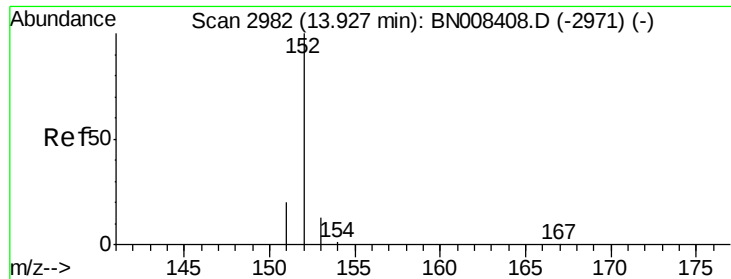
Delta R.T. -0.01 min

Lab File: BN008417.D

Acq: 25 Oct 2019 08:42

Tgt Ion:142	Resp:	7492
Ion Ratio	Lower	Upper
142	100	
141	89.2	71.4 107.2





#7

Acenaphthylene

Concen: 1.370 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BN008417.D

Acq: 25 Oct 2019 08:42

Instrument :

BNA_N

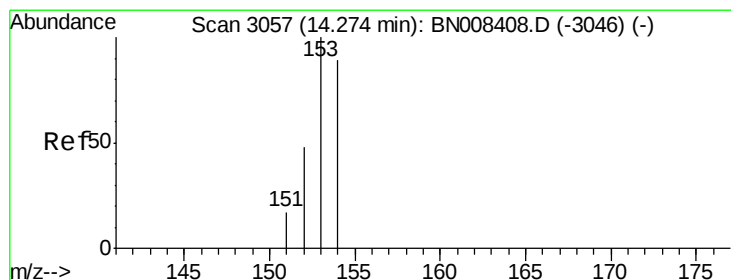
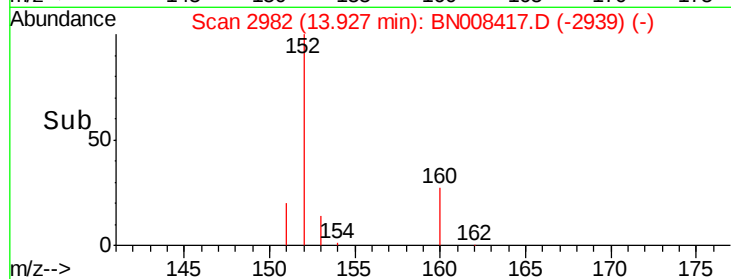
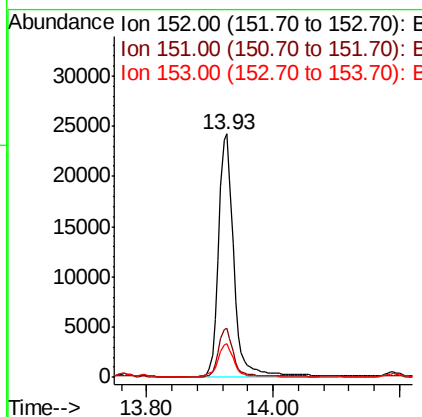
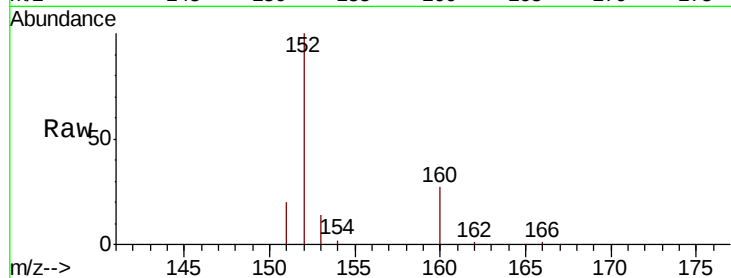
ClientSampleId :

BEPM1

Tot Ion:	152	Resp:	40384
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.2	24.4
153	13.9	11.0	16.4

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#8

Acenaphthene

Concen: 0.597 ng/ul

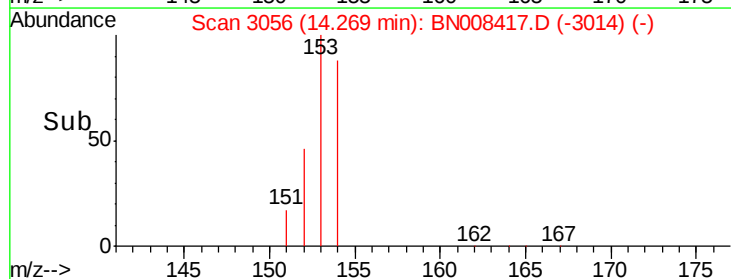
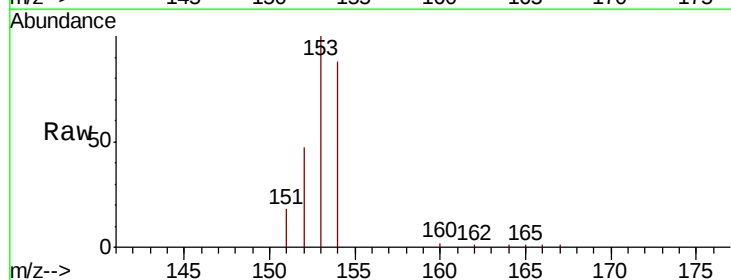
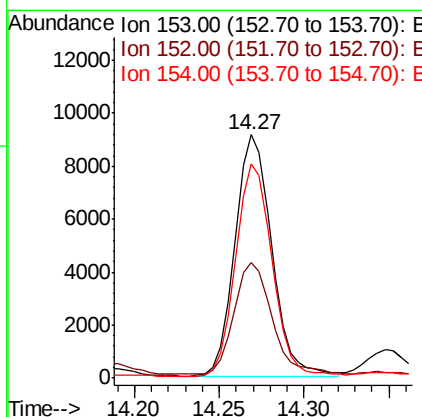
RT: 14.27 min Scan# 3056

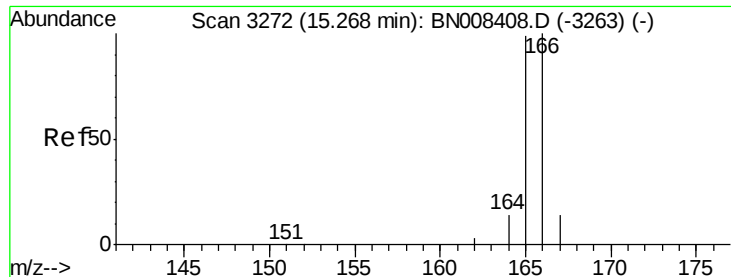
Delta R.T. -0.00 min

Lab File: BN008417.D

Acq: 25 Oct 2019 08:42

Tgt Ion:	153	Resp:	13689
Ion Ratio	Lower	Upper	
153	100		
152	47.5	38.2	57.2
154	88.2	71.8	107.8





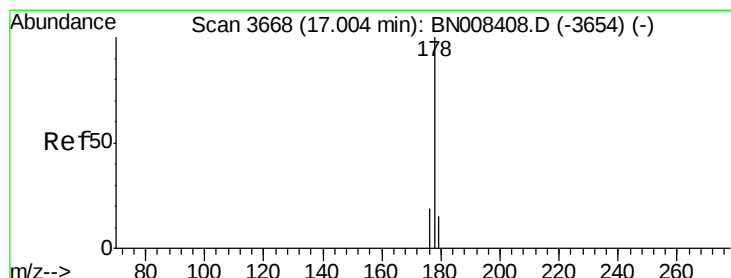
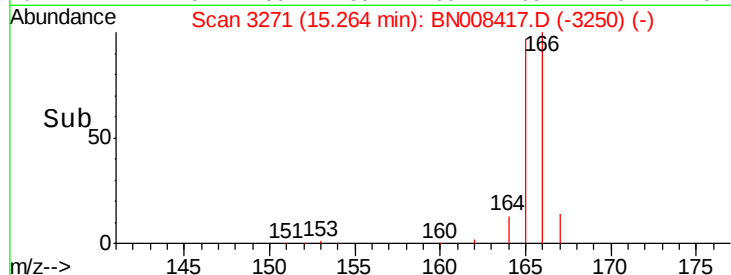
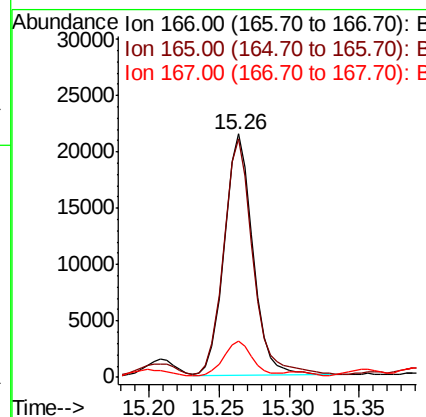
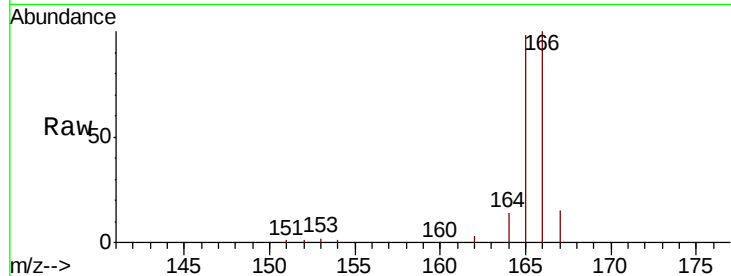
#9
Fluorene
 Concen: 1.167 ng/ul
 RT: 15.26 min Scan# 3271
 Delta R.T. -0.00 min
 Lab File: BN008417.D
 Acq: 25 Oct 2019 08:42

Instrument :
 BNA_N
 ClientSampleId :
 BEPM1

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	76.6	115.0
167	15.0	11.7	17.5

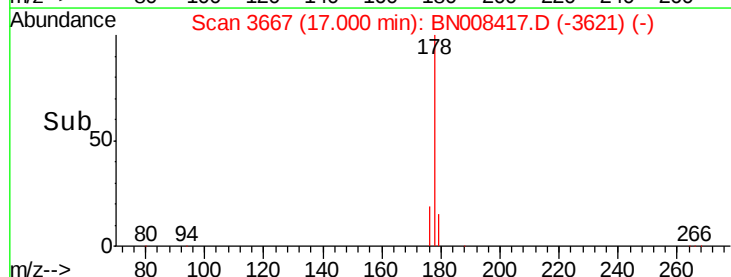
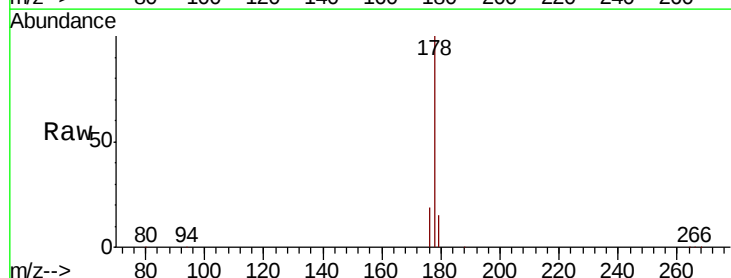
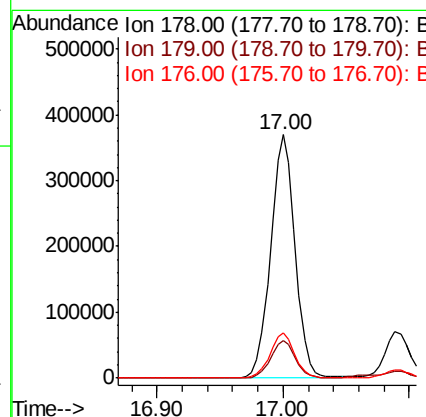
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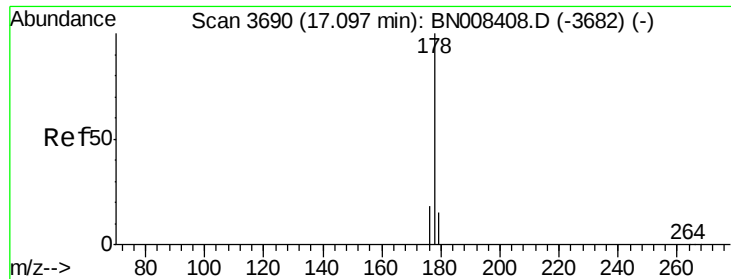
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#12
Phenanthrene
 Concen: 12.511 ng/ul
 RT: 17.00 min Scan# 3667
 Delta R.T. -0.00 min
 Lab File: BN008417.D
 Acq: 25 Oct 2019 08:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.8	15.4	23.2





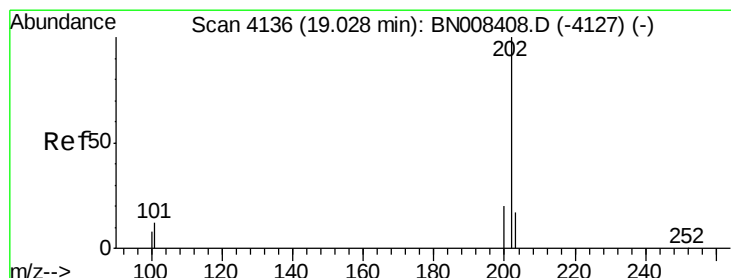
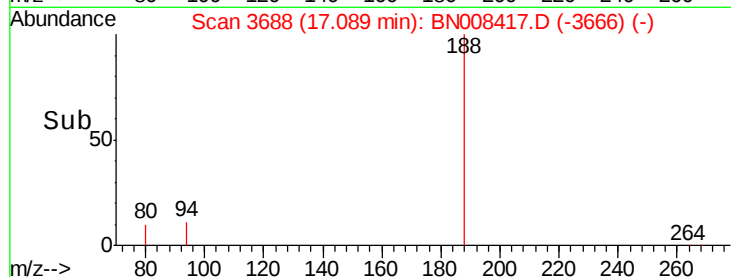
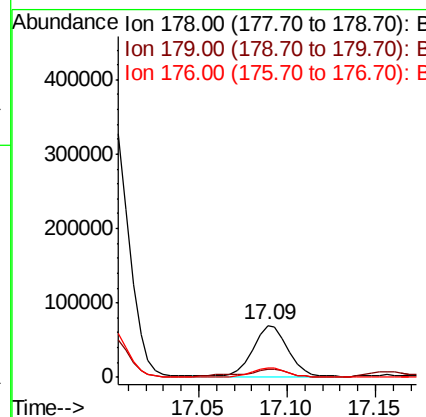
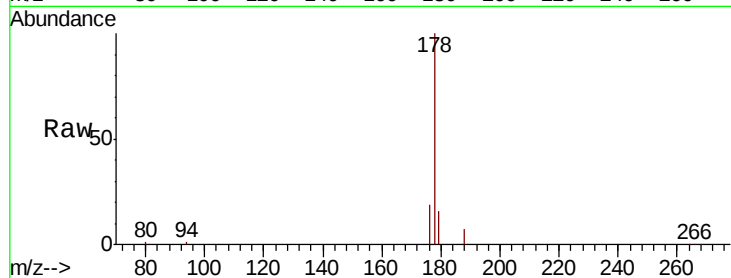
#13
 Anthracene
 Concen: 2.653 ng/ul
 RT: 17.09 min Scan# 3688
 Delta R.T. -0.01 min
 Lab File: BN008417.D
 Acq: 25 Oct 2019 08:42

Instrument :
 BNA_N
 ClientSampleId :
 BEPM1

Tot Ion:178 Resp: 93266
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.0 19.6
 176 18.5 15.0 22.6

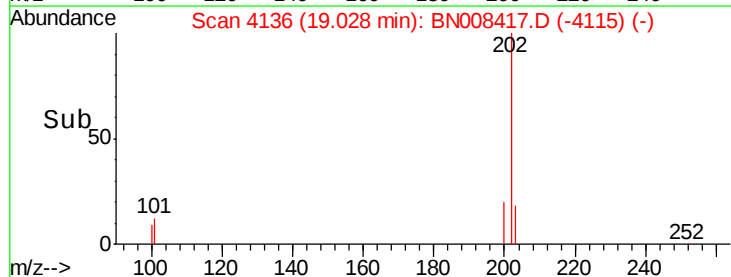
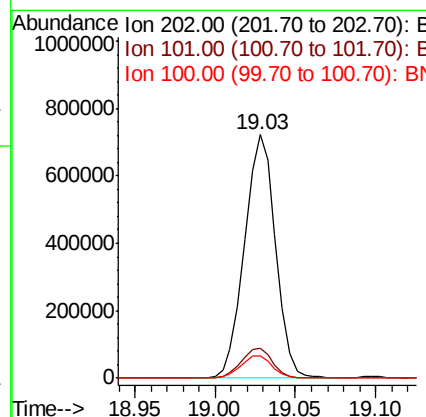
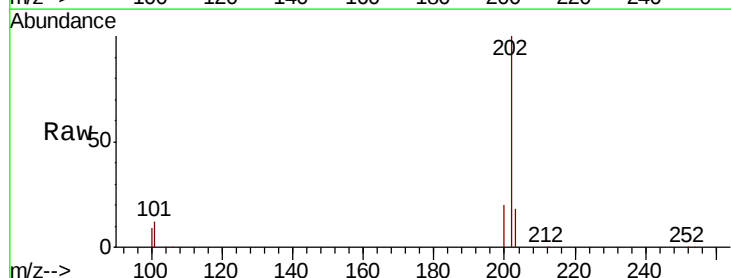
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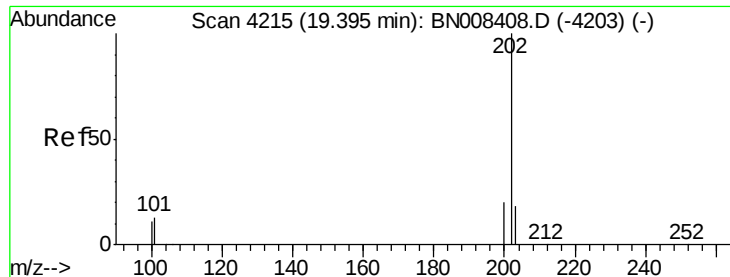
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#15
 Fluoranthene
 Concen: 18.303 ng/ul
 RT: 19.03 min Scan# 4136
 Delta R.T. -0.00 min
 Lab File: BN008417.D
 Acq: 25 Oct 2019 08:42

Tgt Ion:202 Resp: 965871
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 31.2
 100 9.2 0.0 28.5





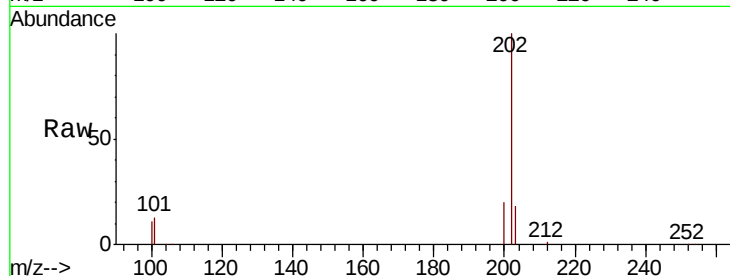
#17
Pvrene
Concen: 16.667 ng/ul
RT: 19.40 min Scan# 4215
Delta R.T. 0.00 min
Lab File: BN008417.D
Acq: 25 Oct 2019 08:42

Instrument :
BNA_N
ClientSampleId :
BEPM1

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.2	10.9	16.3
100	10.6	8.7	13.1

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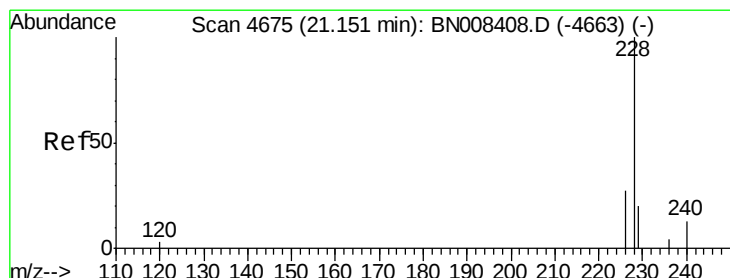
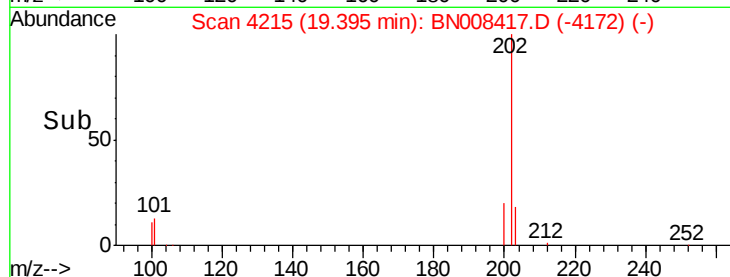
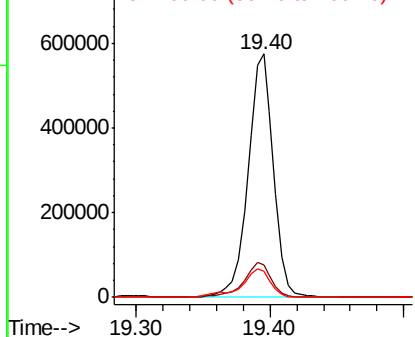


Abundance

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: 10.509 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.01 min
Lab File: BN008417.D
Acq: 25 Oct 2019 08:42

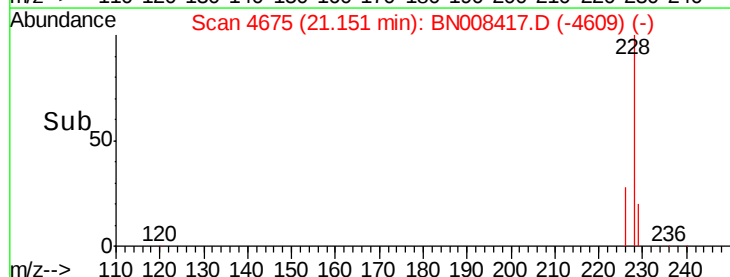
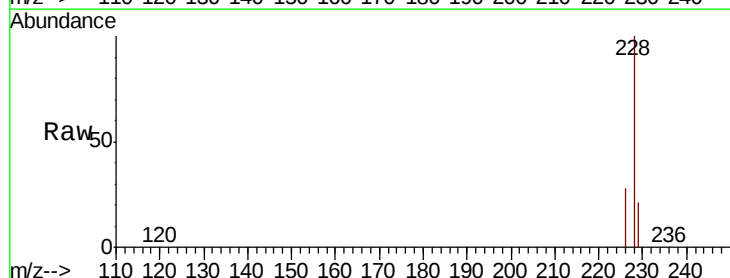
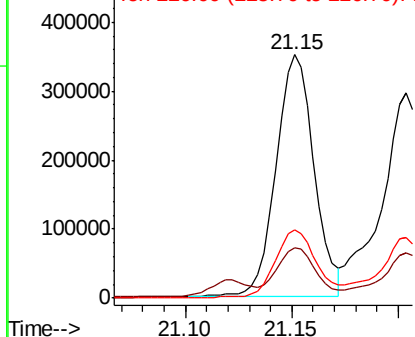
Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.9	16.2	24.2
226	28.1	21.4	32.0

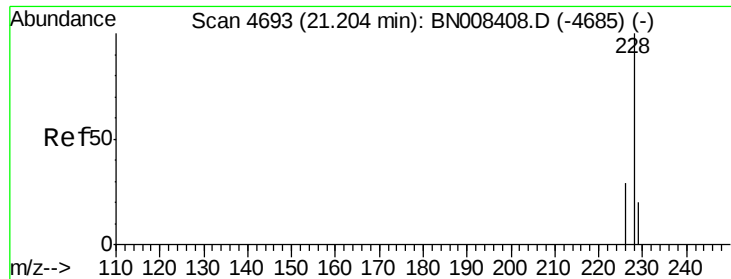
Abundance

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: 8.257 ng/ul

RT: 21.20 min Scan# 4693

Delta R.T. -0.00 min

Lab File: BN008417.D

Acq: 25 Oct 2019 08:42

Instrument :

BNA_N

ClientSampled :

BEPM1

Tot Ion:228 Resp: 417938

Ion Ratio Lower Upper

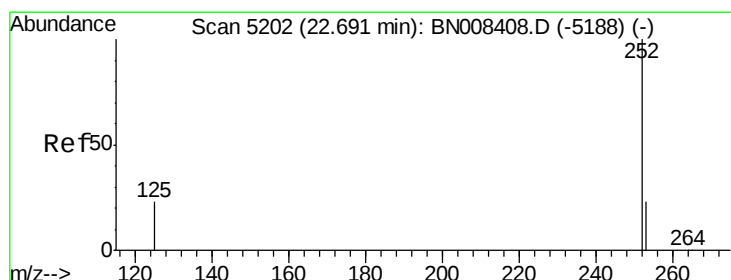
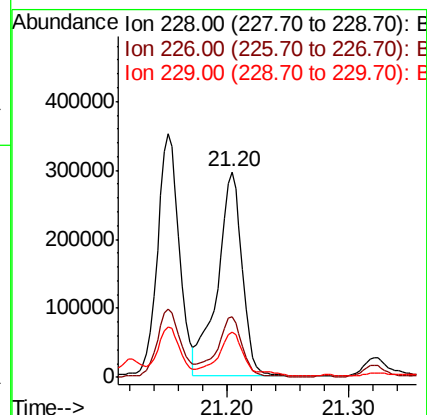
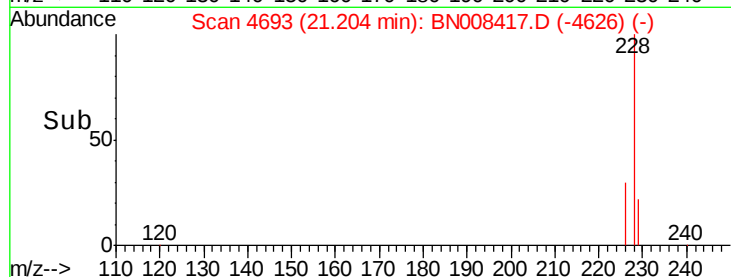
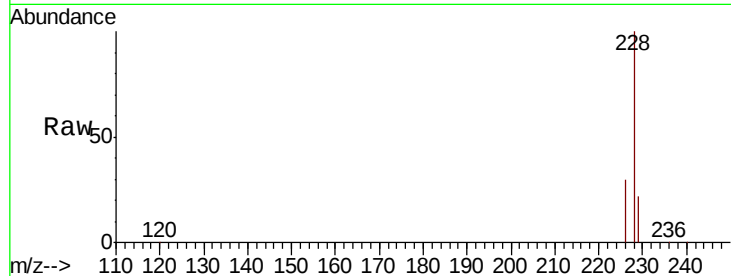
228 100

226 29.7 24.1 36.1

229 22.2 16.2 24.2

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#21

Benzo(b)fluoranthene

Concen: 15.329 ng/ul m

RT: 22.70 min Scan# 5204

Delta R.T. -0.00 min

Lab File: BN008417.D

Acq: 25 Oct 2019 08:42

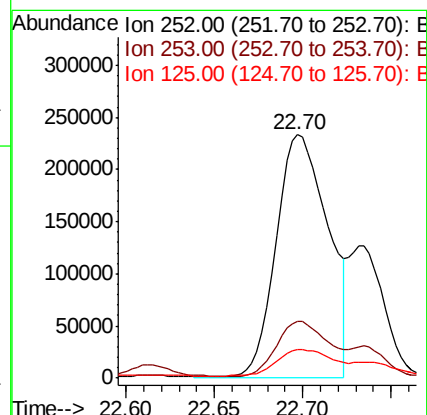
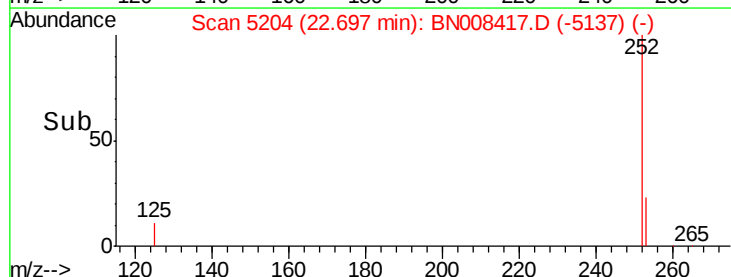
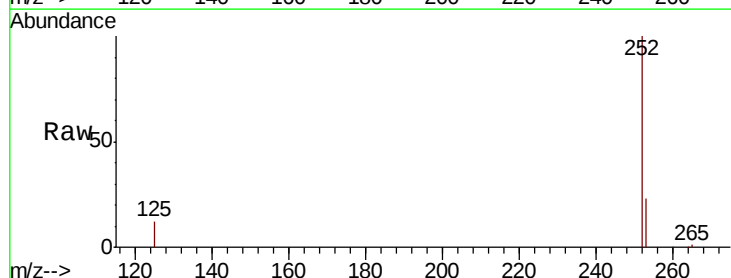
Tgt Ion:252 Resp: 483902

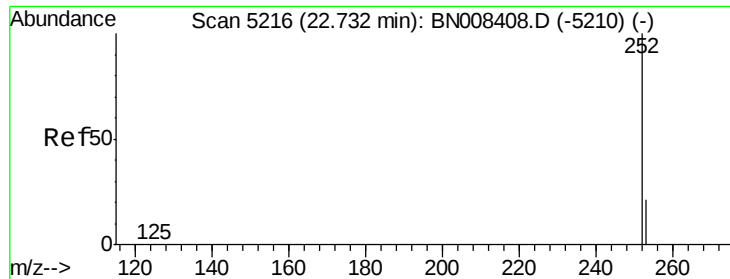
Ion Ratio Lower Upper

252 100

253 23.2 0.0 53.4

125 11.6 0.0 32.4





#22

Benzo(k)fluoranthene

Concen: 4.973 ng/ul

RT: 22.73 min Scan# 5217

Delta R.T. -0.01 min

Lab File: BN008417.D

Acq: 25 Oct 2019 08:42

Instrument :

BNA_N

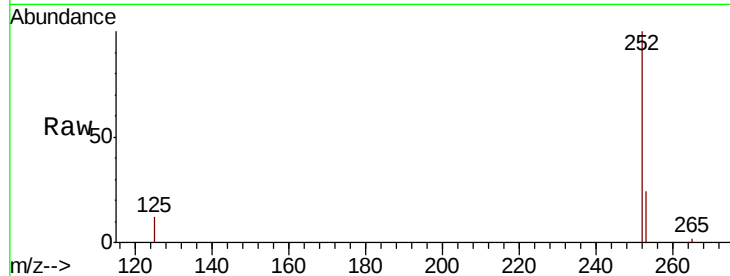
ClientSampleId :

BEPM1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	21.3	31.9
125	12.2	12.3	18.5#

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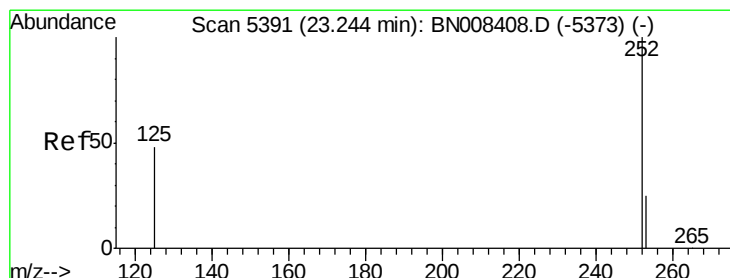
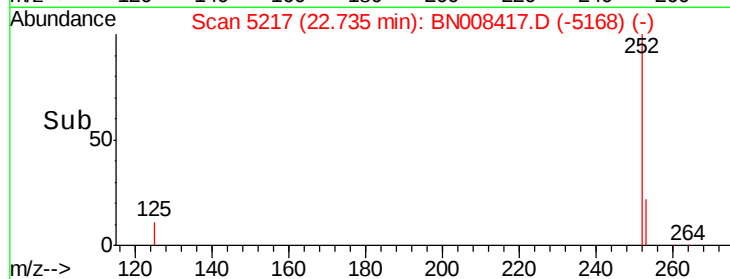
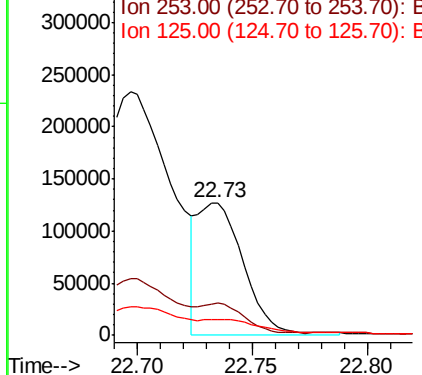


Abundance

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: 9.408 ng/ul

RT: 23.25 min Scan# 5392

Delta R.T. -0.00 min

Lab File: BN008417.D

Acq: 25 Oct 2019 08:42

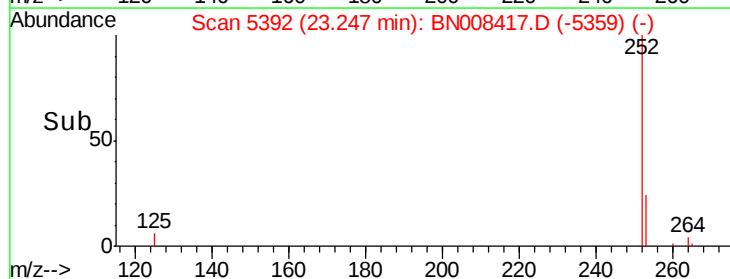
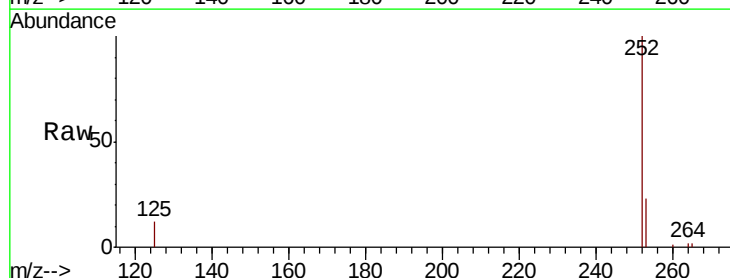
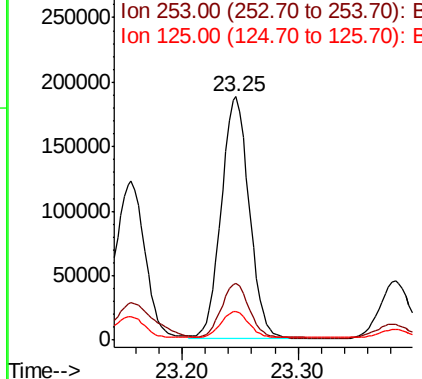
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	22.8	34.2
125	11.8	18.4	27.6#

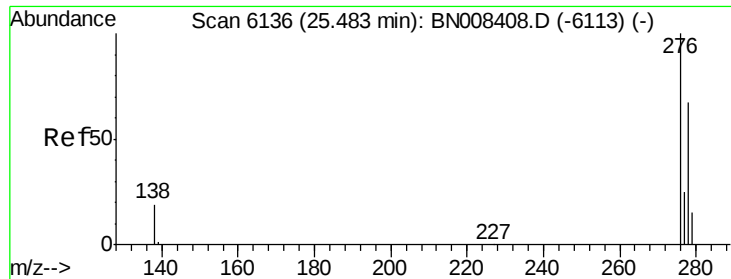
Abundance

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

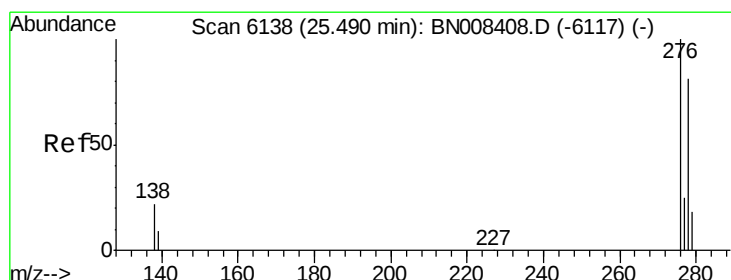
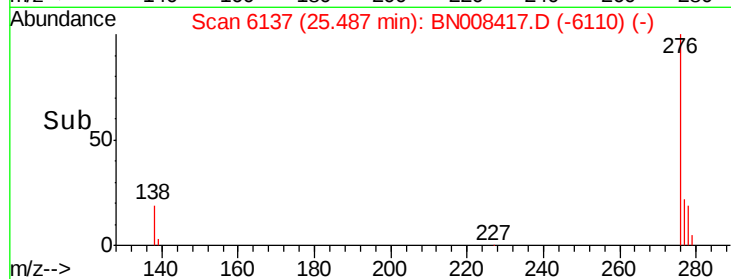
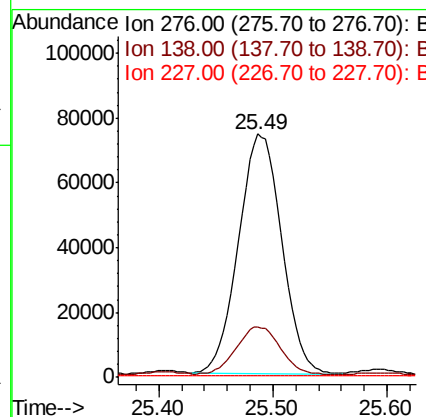
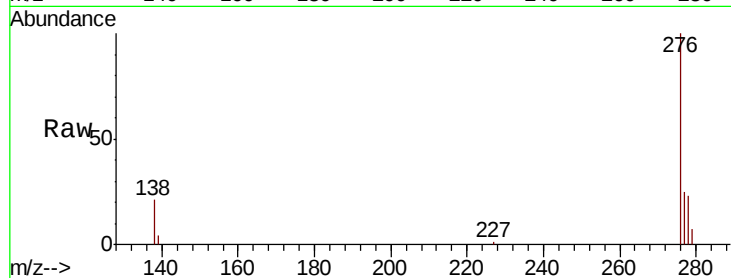
Indeno(1,2,3-cd)pyrene
Concen: 4.955 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.01 min
Lab File: BN008417.D
Acq: 25 Oct 2019 08:42

Instrument :
BNA_N
ClientSampleId :
BEPM1

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	16.1	24.1
227	0.2	0.2	0.2

Manual Integrations
APPROVED

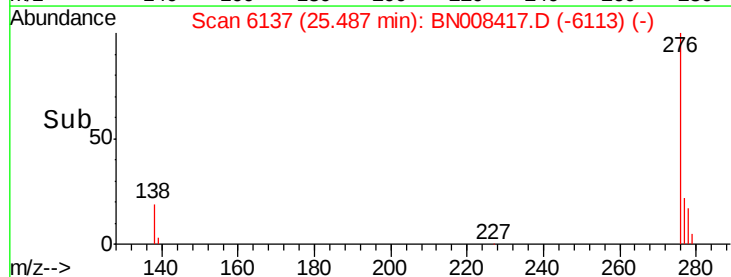
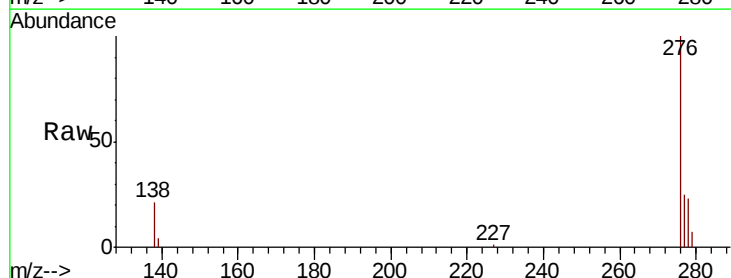
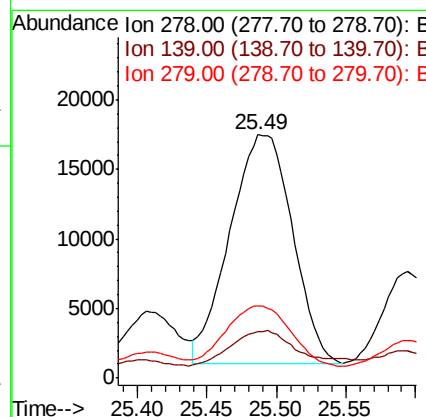
mohammad
10/25/2019 9:28:42 PM

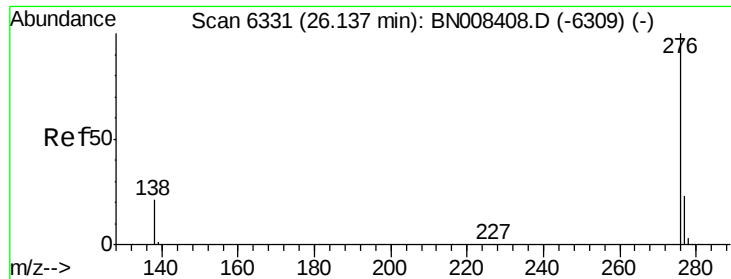


#25

Dibenzo(a,h)anthracene
Concen: 1.658 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.02 min
Lab File: BN008417.D
Acq: 25 Oct 2019 08:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.0	22.6
279	29.8	22.4	33.6





#26
Benzo(a,h,i)perylene
Concen: 4.916 ng/ul
RT: 26.14 min Scan# 6333
Delta R.T. -0.00 min
Lab File: BN008417.D
Acq: 25 Oct 2019 08:42

Instrument :
BNA_N
ClientSampleId :
BEPM1

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	17.0	25.4
277	24.2	20.4	30.6

Manual Integrations
APPROVED

mohammad
10/25/2019 9:28:42 PM

