

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008327.D
 Acq On : 22 Oct 2019 22:33
 Operator : JU
 Sample : K5223-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD9

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:05:35 AM

Quant Time: Oct 23 02:20:11 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 : Mon Oct 21 23:58:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1671	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8356	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5289	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11851m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11538	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	10043	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3116	0.22	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	9194	0.22	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	1087	0.046	ng/ul#	84
5) 2-Methylnaphthalene	12.02	142	483	0.030	ng/ul	95
7) Acenaphthylene	13.94	152	2848	0.113	ng/ul#	70
8) Acenaphthene	14.28	153	887	0.045	ng/ul	96
9) Fluorene	15.27	166	1173	0.053	ng/ul#	96
12) Phenanthrene	17.01	178	28296	0.816	ng/ul	99
13) Anthracene	17.10	178	5549	0.182	ng/ul	97
15) Fluoranthene	19.03	202	81845	1.786	ng/ul	98
17) Pyrene	19.40	202	72849	1.586	ng/ul	97
18) Benzo(a)anthracene	21.16	228	40800	0.973	ng/ul	97
19) Chrysene	21.21	228	45560	0.885	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	55274m	1.691	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	14416m	0.389	ng/ul	
23) Benzo(a)pyrene	23.25	252	32632m	0.949	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.49	276	20994	0.518	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.50	278	4822	0.151	ng/ul#	84
26) Benzo(a,h,i)perylene	26.15	276	15572	0.419	ng/ul	98

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

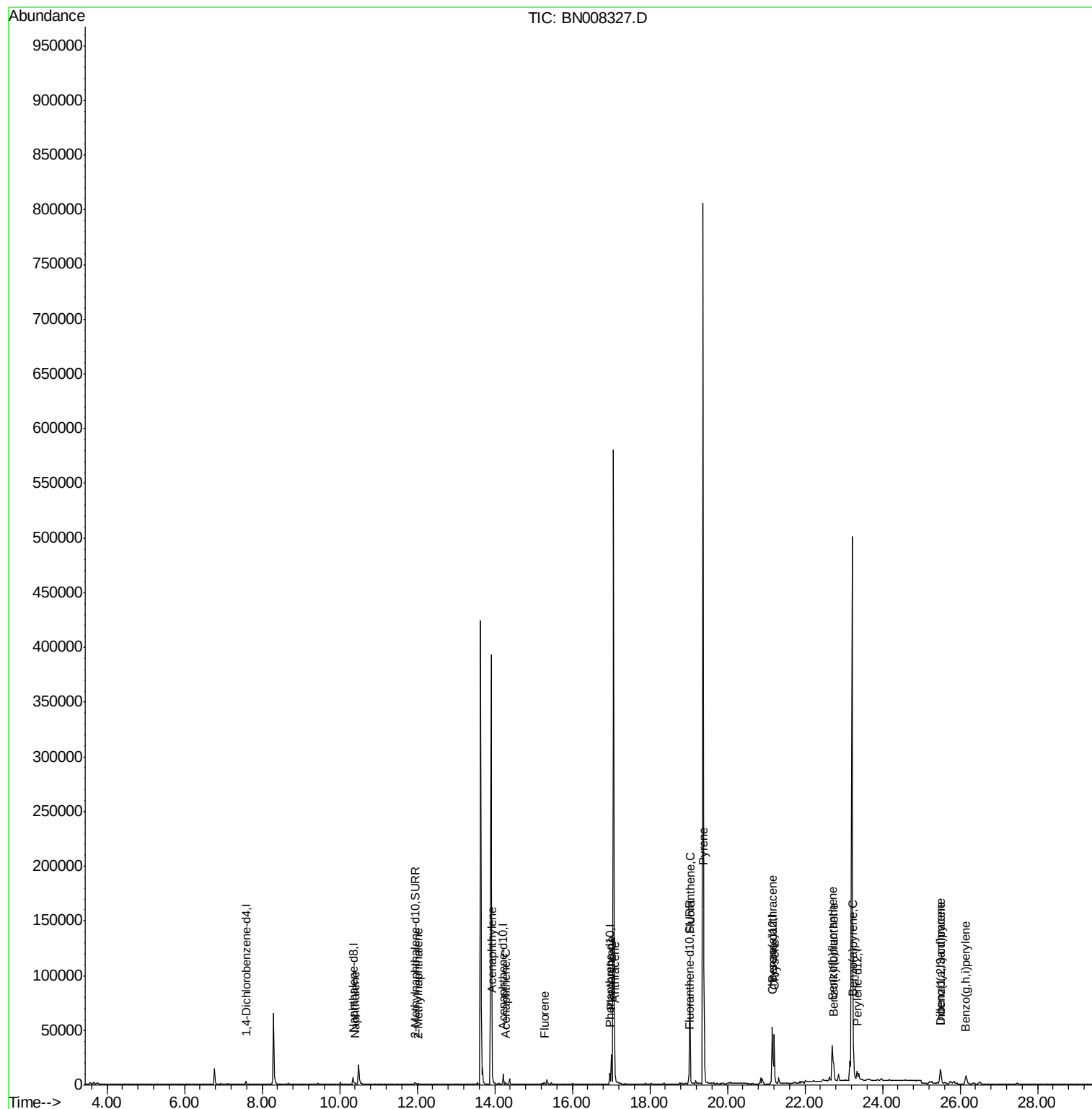
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008327.D
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ALS Vial : 22 Sample Multiplier: 1

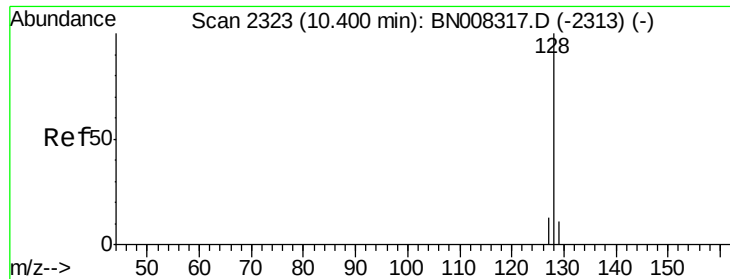
Instrument :
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Quant Time: Oct 23 02:20:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.046 ng/ul

RT: 10.40 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN008327.D

Acq: 22 Oct 2019 22:33

Instrument :

BNA_N

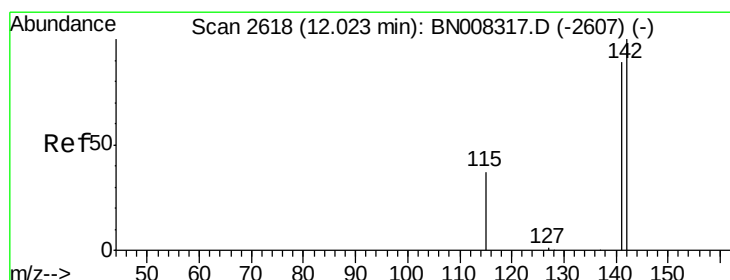
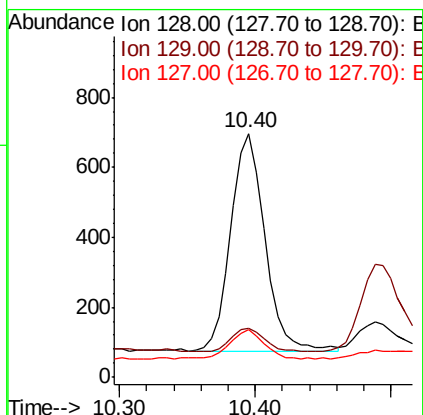
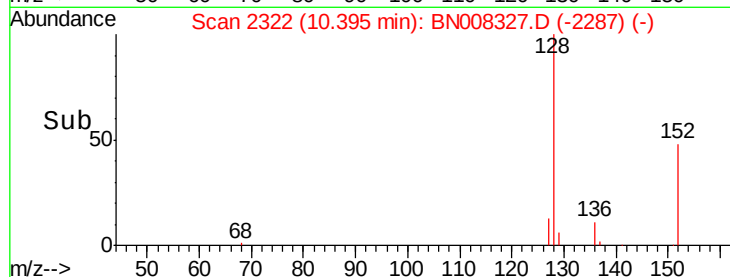
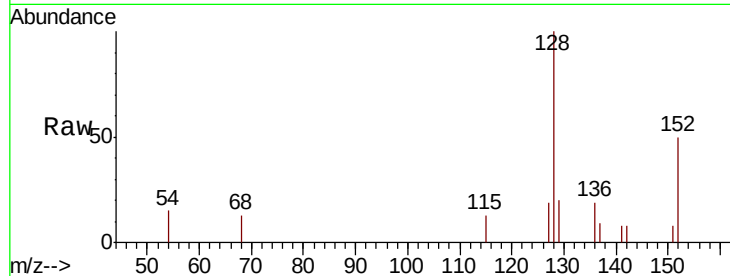
ClientSampled :

BEPD9

Tot Ion:	128	Resp:	1087
Ion Ratio	Lower	Upper	
128	100		
129	20.0	9.8	14.8#
127	19.4	11.1	16.7#

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#5

2-Methylnaphthalene

Concen: 0.030 ng/ul

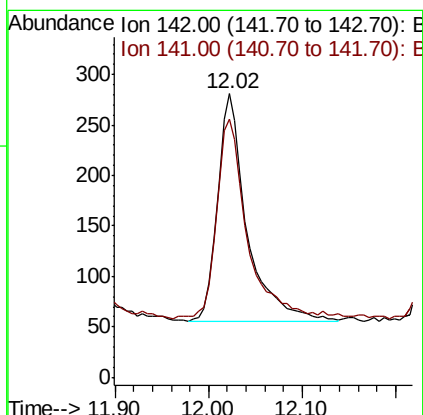
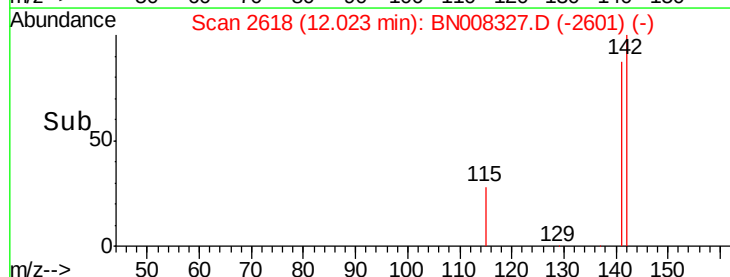
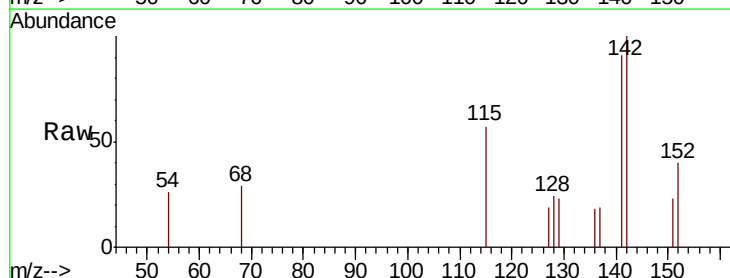
RT: 12.02 min Scan# 2618

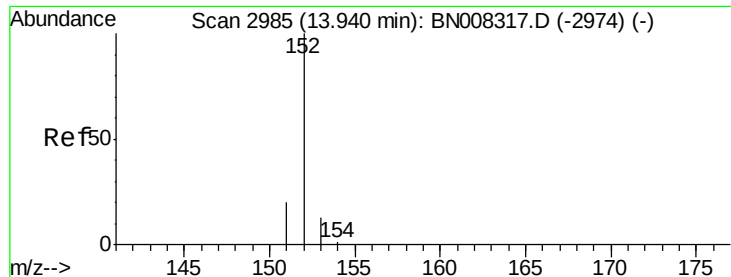
Delta R.T. -0.01 min

Lab File: BN008327.D

Acq: 22 Oct 2019 22:33

Tgt Ion:	142	Resp:	483
Ion Ratio	Lower	Upper	
142	100		
141	93.6	71.4	107.2





#7

Acenaphthylene

Concen: 0.113 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008327.D

Acq: 22 Oct 2019 22:33

Instrument :

BNA_N

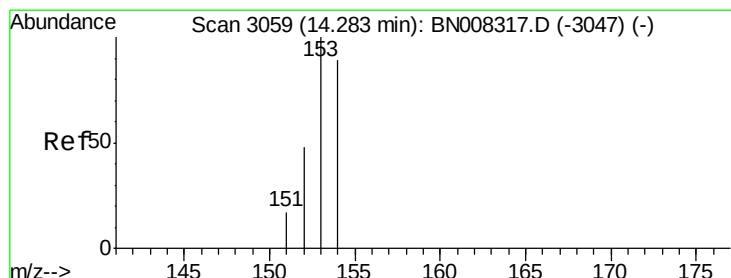
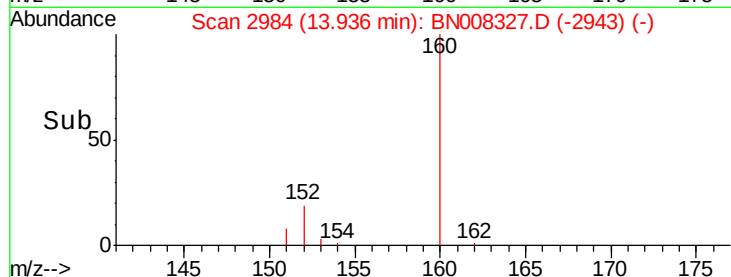
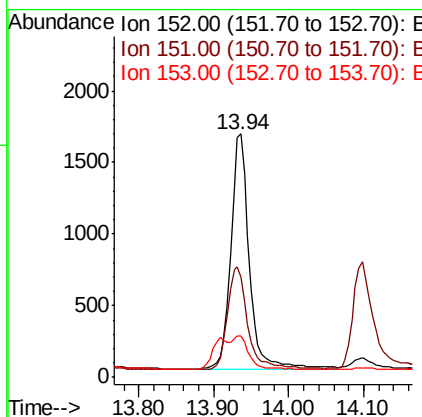
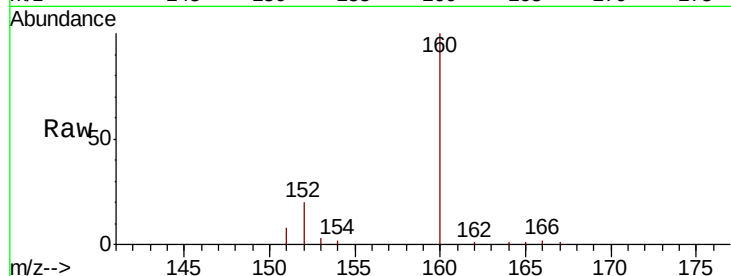
ClientSampleId :

BEPD9

Tot Ion:	152	Resp:	2848
Ion Ratio	Lower	Upper	
152	100		
151	40.9	16.2	24.4#
153	16.8	11.0	16.4#

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#8

Acenaphthene

Concen: 0.045 ng/ul

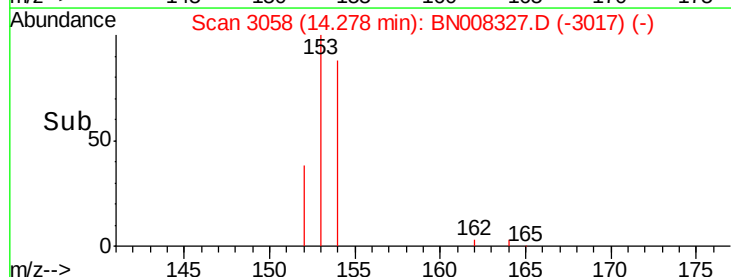
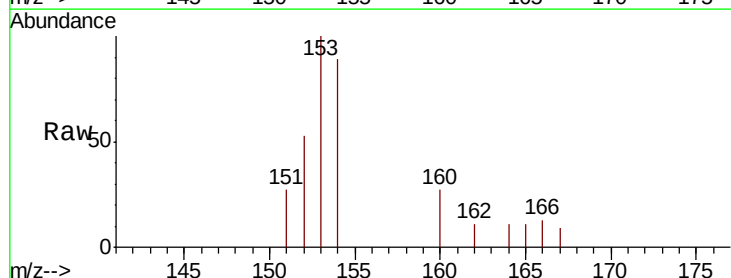
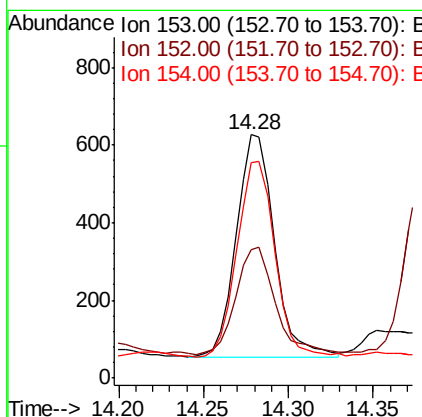
RT: 14.28 min Scan# 3058

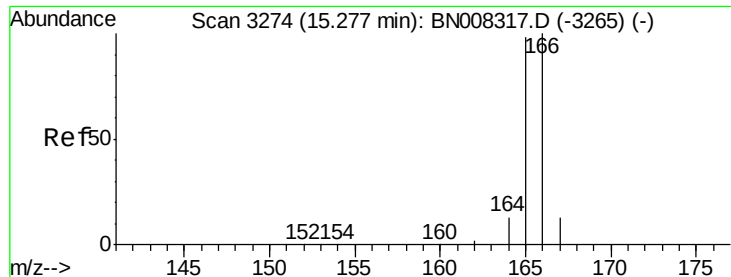
Delta R.T. -0.01 min

Lab File: BN008327.D

Acq: 22 Oct 2019 22:33

Tgt Ion:	153	Resp:	887
Ion Ratio	Lower	Upper	
153	100		
152	52.8	38.2	57.2
154	88.5	71.8	107.8





#9

Fluorene

Concen: 0.053 ng/ul

RT: 15.27 min Scan# 3273

Delta R.T. -0.01 min

Lab File: BN008327.D

Acq: 22 Oct 2019 22:33

Instrument :

BNA_N

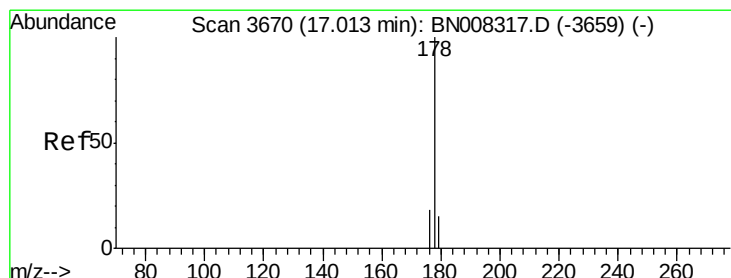
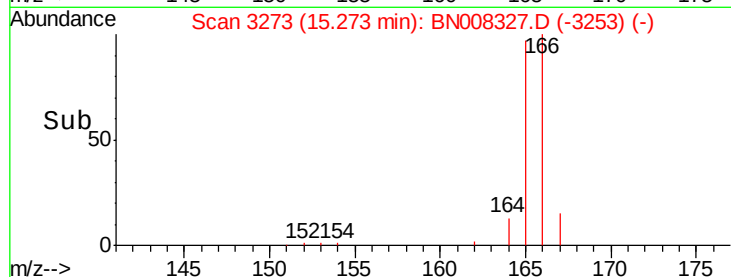
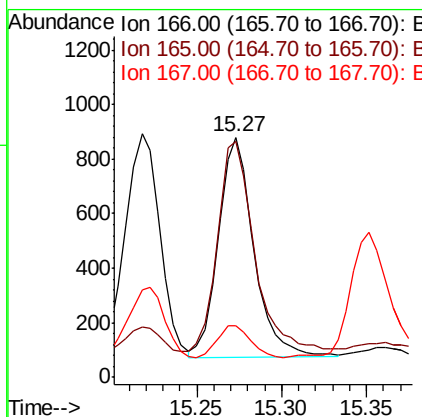
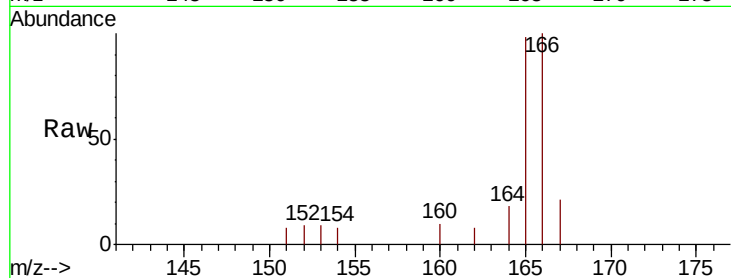
ClientSampleId :

BEPD9

Tot Ion:	166	Resp:	1173
Ion Ratio	Lower	Upper	
166	100		
165	98.4	76.6	115.0
167	21.4	11.7	17.5#

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#12

Phenanthrene

Concen: 0.816 ng/ul

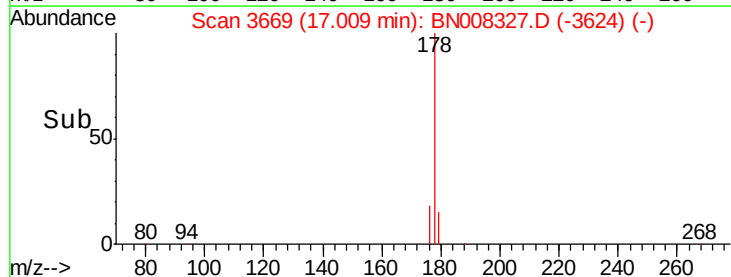
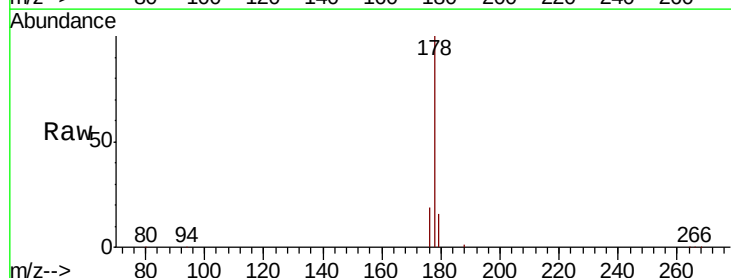
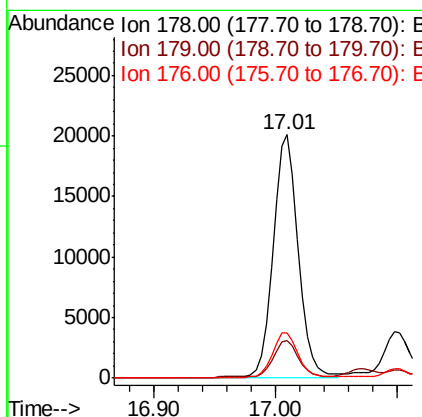
RT: 17.01 min Scan# 3669

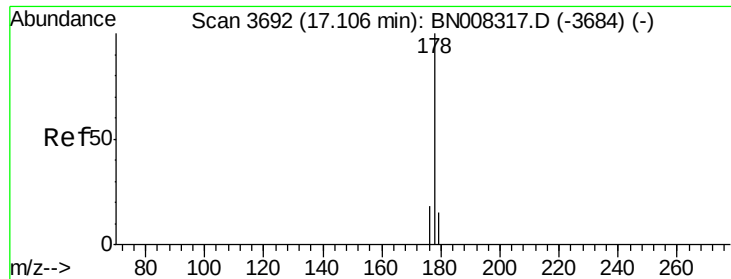
Delta R.T. -0.01 min

Lab File: BN008327.D

Acq: 22 Oct 2019 22:33

Tgt Ion:	178	Resp:	28296
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.8	19.2
176	18.8	15.4	23.2





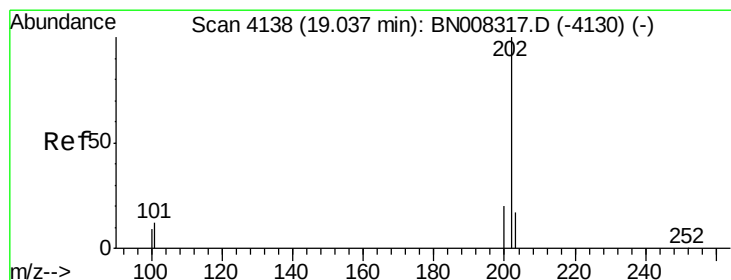
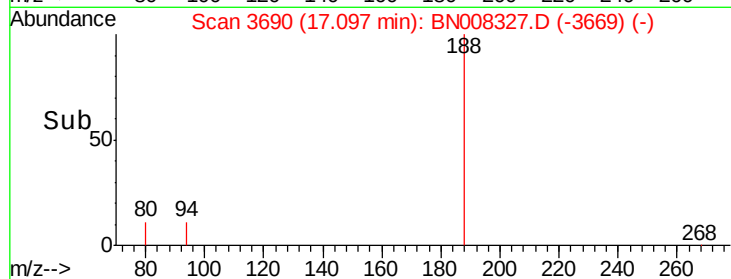
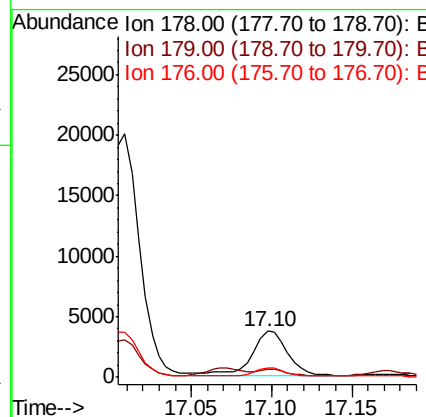
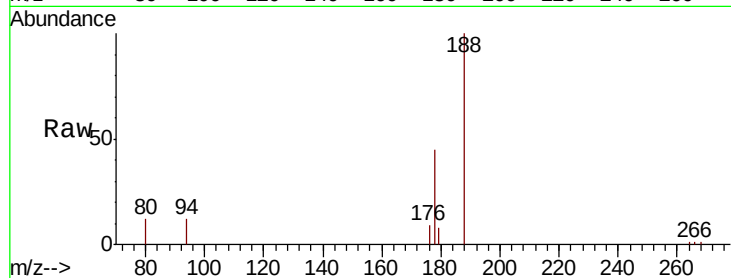
#13
 Anthracene
 Concen: 0.182 ng/ul
 RT: 17.10 min Scan# 3690
 Delta R.T. -0.01 min
 Lab File: BN008327.D
 Acq: 22 Oct 2019 22:33

Instrument :
 BNA_N
 ClientSampleId :
 BEPD9

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.0	19.6
176	19.9	15.0	22.6

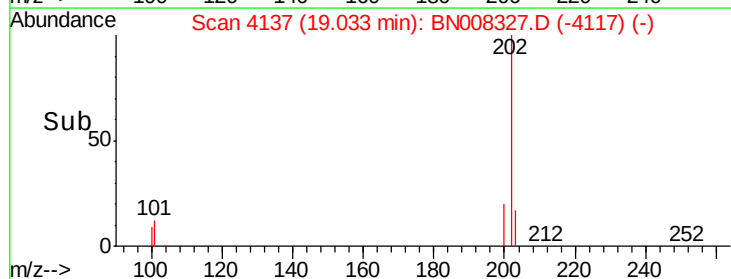
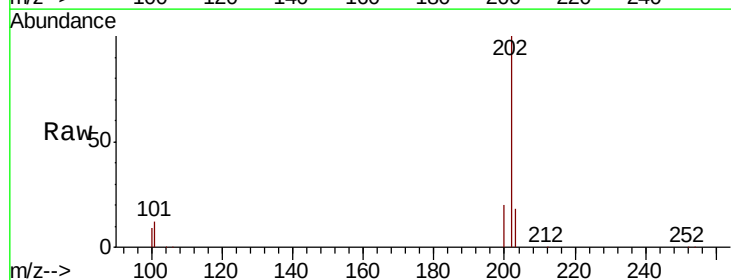
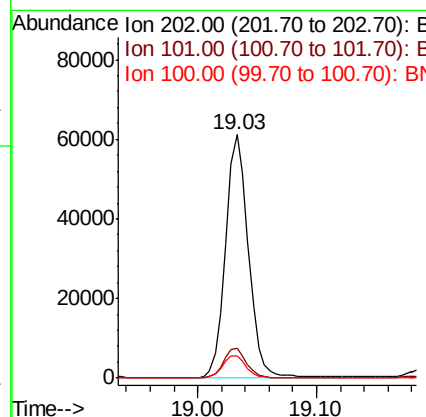
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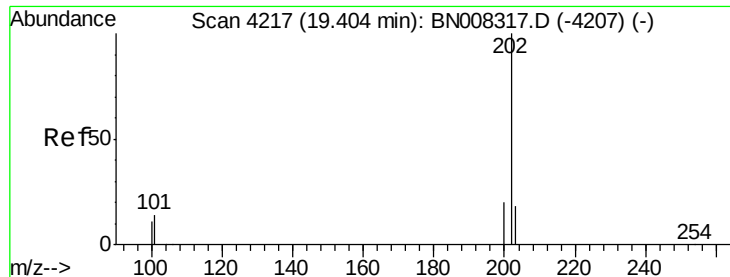
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#15
 Fluoranthene
 Concen: 1.786 ng/ul
 RT: 19.03 min Scan# 4137
 Delta R.T. -0.01 min
 Lab File: BN008327.D
 Acq: 22 Oct 2019 22:33

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





#17

Pvrene

Concen: 1.586 ng/ul

RT: 19.40 min Scan# 4215

Delta R.T. -0.01 min

Lab File: BN008327.D

Acq: 22 Oct 2019 22:33

Instrument :

BNA_N

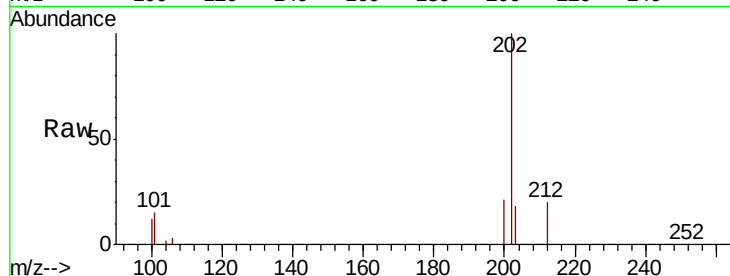
ClientSampleId :

BEPD9

Tot Ion:	202	Resp:	72849
Ion Ratio	Lower	Upper	
202	100		
101	14.7	10.9	16.3
100	12.2	8.7	13.1

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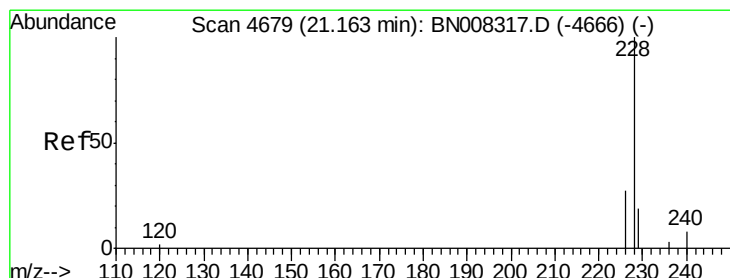
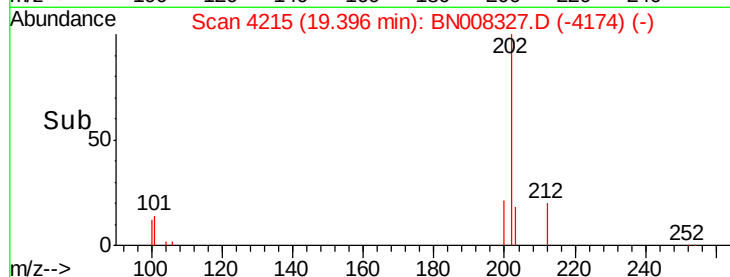
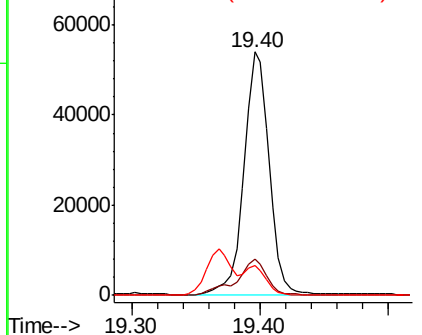
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 0.973 ng/ul

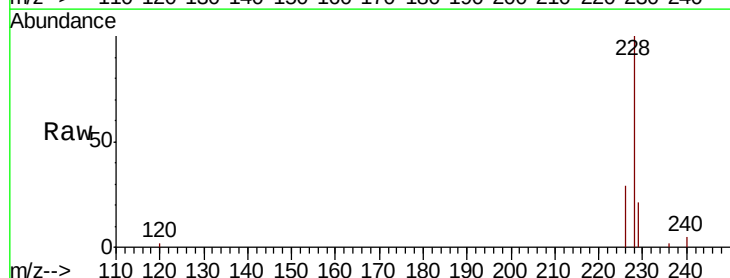
RT: 21.16 min Scan# 4677

Delta R.T. -0.01 min

Lab File: BN008327.D

Acq: 22 Oct 2019 22:33

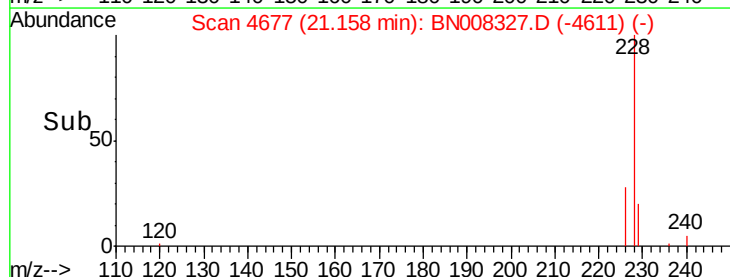
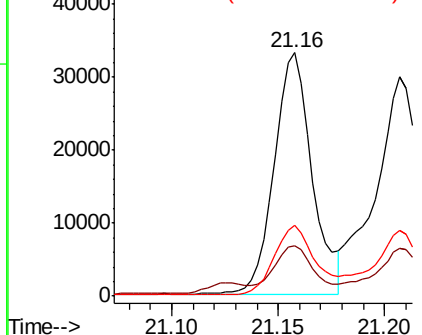
Tgt Ion:	228	Resp:	40800
Ion Ratio	Lower	Upper	
228	100		
229	20.9	16.2	24.2
226	29.0	21.4	32.0

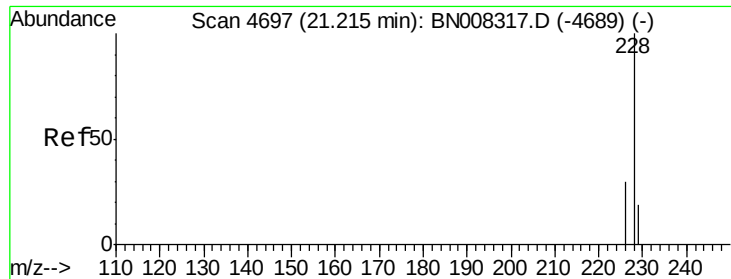


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.885 ng/ul

RT: 21.21 min Scan# 4694

Delta R.T. -0.01 min

Lab File: BN008327.D

Acq: 22 Oct 2019 22:33

Instrument :

BNA_N

ClientSampleId :

BEPD9

Tot Ion:228 Resp: 45560

Ion Ratio Lower Upper

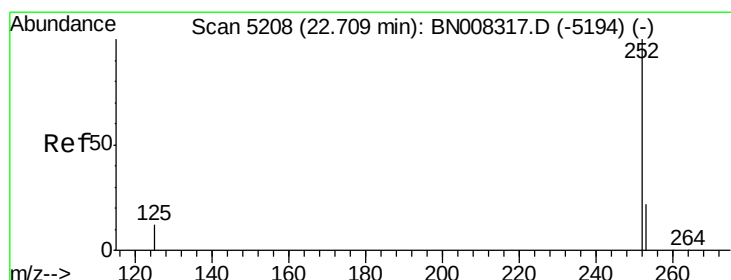
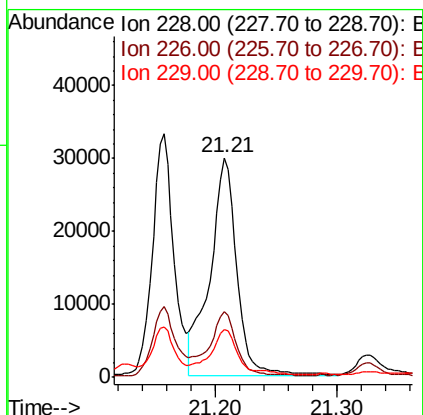
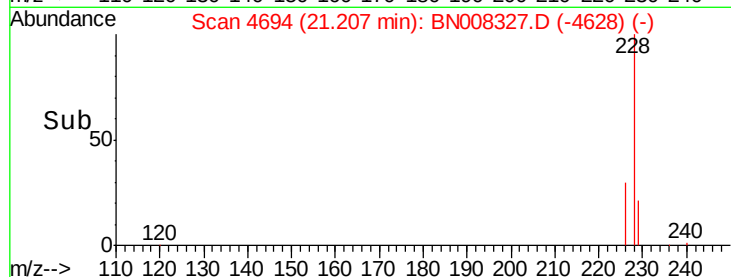
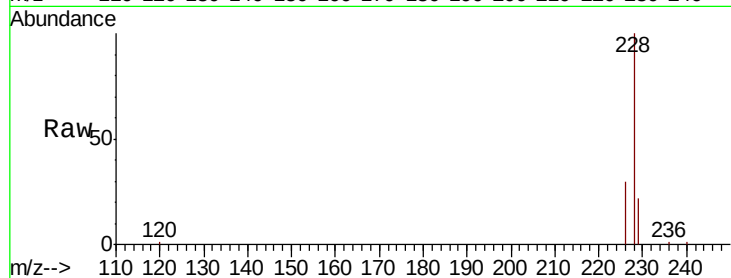
228 100

226 29.9 24.1 36.1

229 21.9 16.2 24.2

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#21

Benzo(b)fluoranthene

Concen: 1.691 ng/ul m

RT: 22.70 min Scan# 5206

Delta R.T. -0.01 min

Lab File: BN008327.D

Acq: 22 Oct 2019 22:33

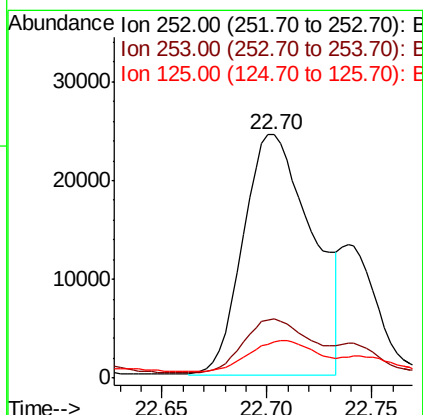
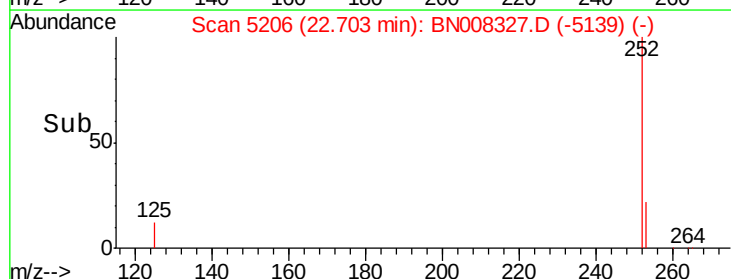
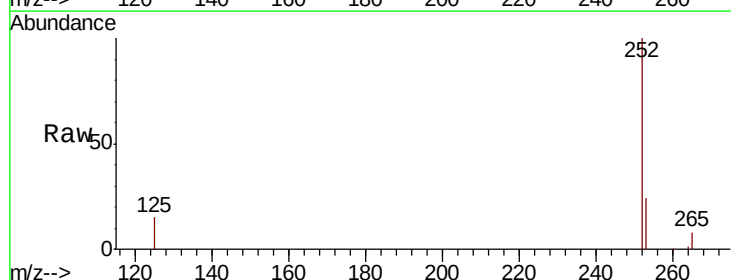
Tgt Ion:252 Resp: 55274

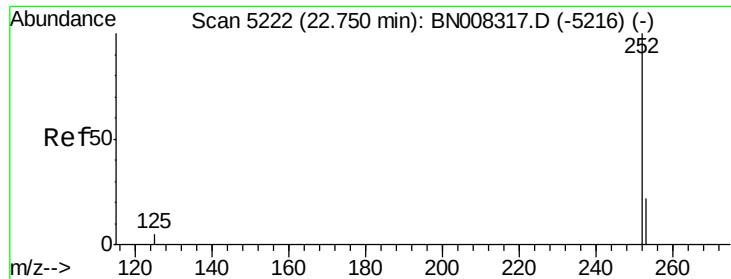
Ion Ratio Lower Upper

252 100

253 24.2 0.0 53.4

125 14.9 0.0 32.4





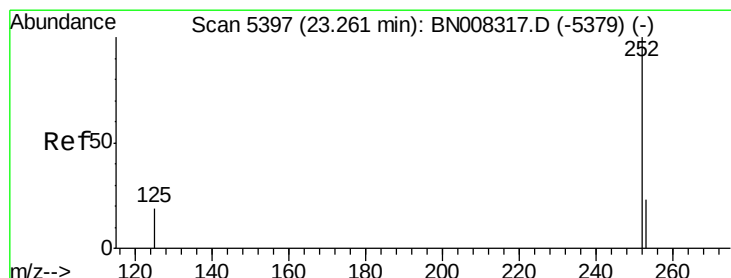
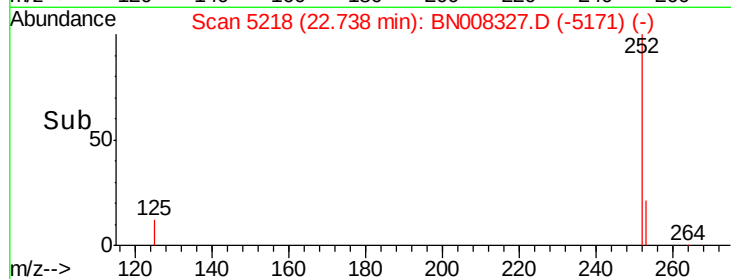
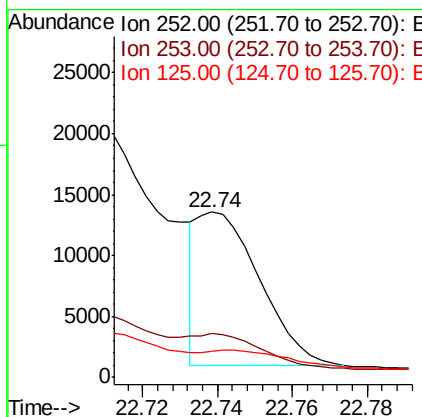
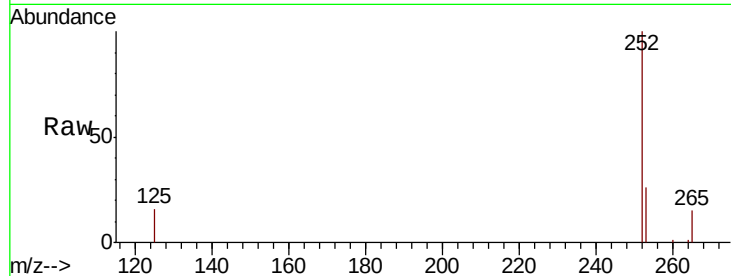
#22
Benzo(k)fluoranthene
Concen: 0.389 ng/ul m
RT: 22.74 min Scan# 5218
Delta R.T. -0.01 min
Lab File: BN008327.D
Acq: 22 Oct 2019 22:33

Instrument :
BNA_N
ClientSampled :
BEPD9

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	21.3	31.9
125	16.1	12.3	18.5

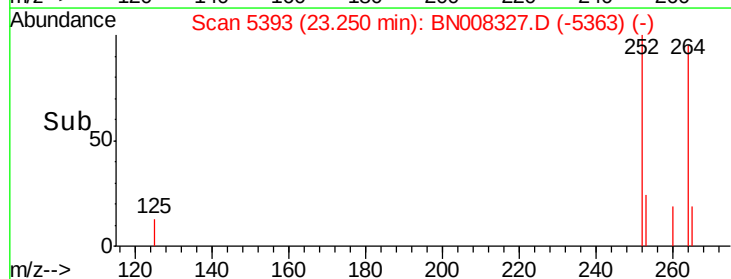
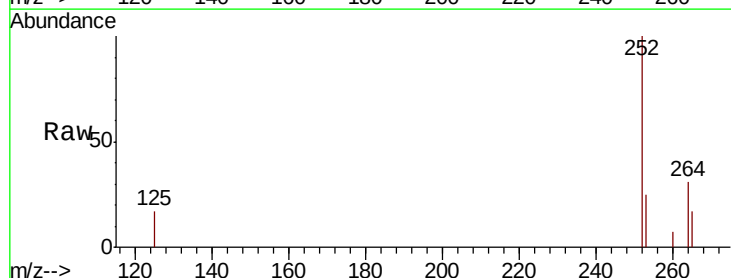
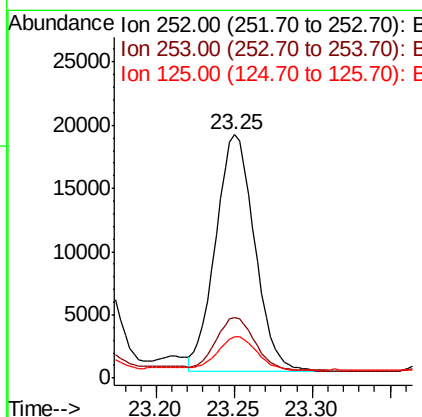
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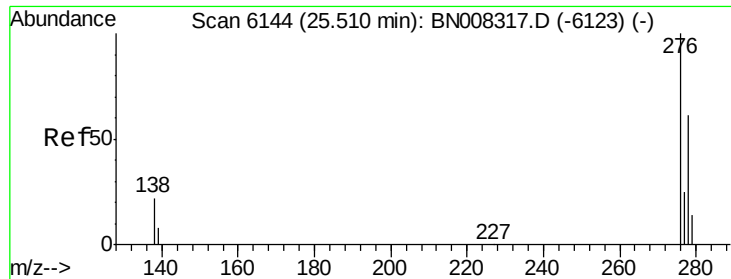
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#23
Benzo(a)pyrene
Concen: 0.949 ng/ul m
RT: 23.25 min Scan# 5393
Delta R.T. -0.01 min
Lab File: BN008327.D
Acq: 22 Oct 2019 22:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	22.8	34.2
125	16.8	18.4	27.6#





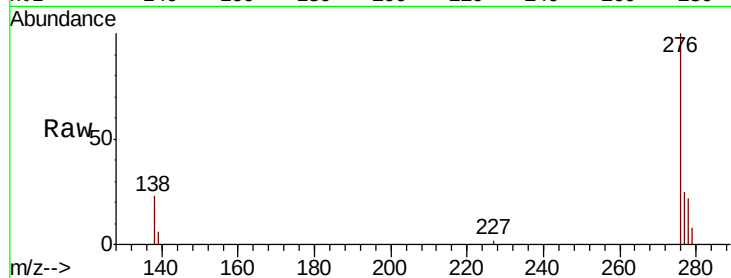
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.518 ng/ul
 RT: 25.49 min Scan# 6139
 Delta R.T. -0.02 min
 Lab File: BN008327.D
 Acq: 22 Oct 2019 22:33

Instrument :
 BNA_N
 ClientSampleId :
 BEPD9

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.5	16.1	24.1
227	0.0	0.2	0.2

Manual Integrations
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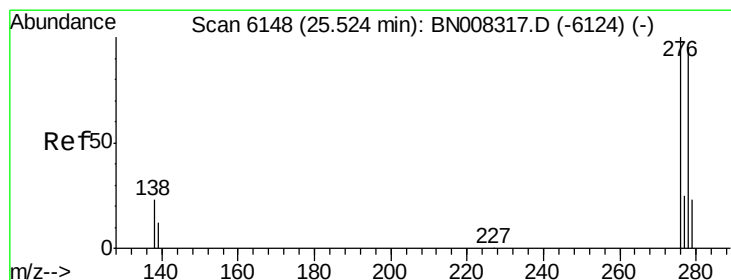
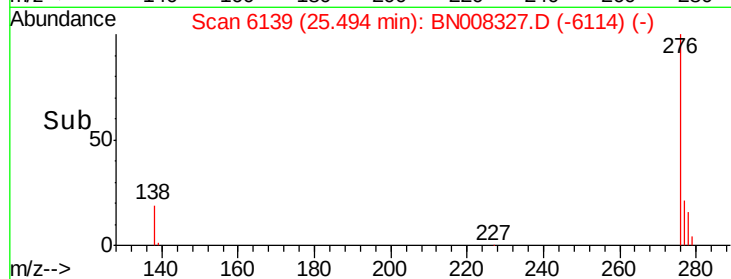
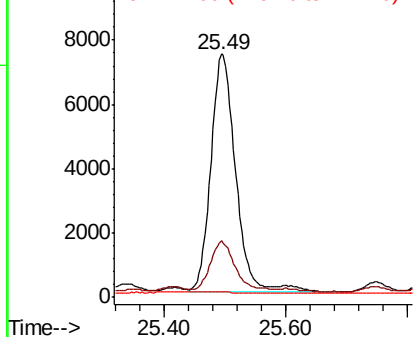


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
 Dibenzo(a,h)anthracene
 Concen: 0.151 ng/ul
 RT: 25.50 min Scan# 6141
 Delta R.T. -0.02 min
 Lab File: BN008327.D
 Acq: 22 Oct 2019 22:33

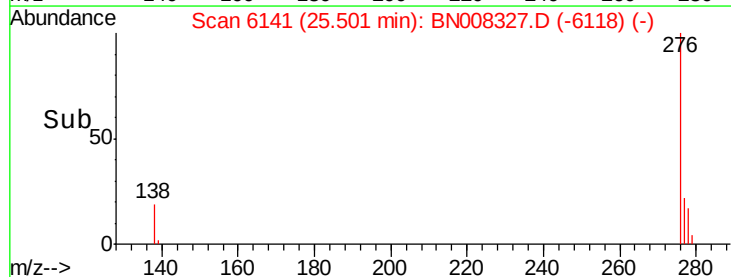
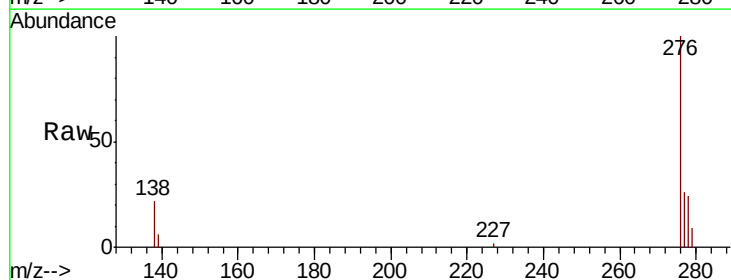
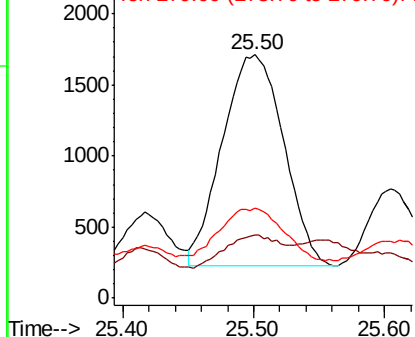
Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.8	15.0	22.6
279	36.9	22.4	33.6

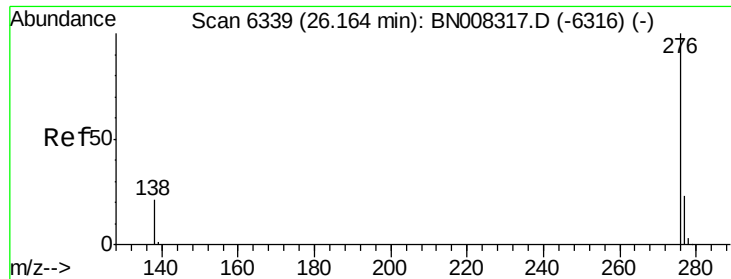
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





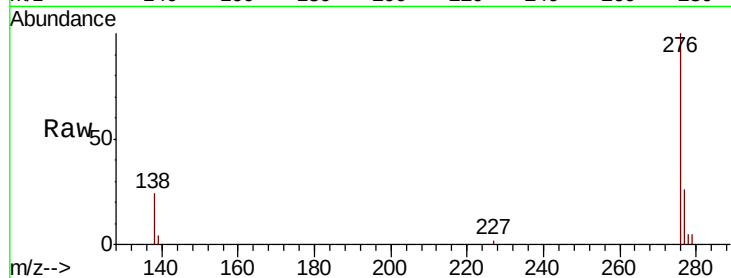
#26
Benzo(a,h,i)perylene
Concen: 0.419 ng/ul
RT: 26.15 min Scan# 6335
Delta R.T. -0.02 min
Lab File: BN008327.D
Acq: 22 Oct 2019 22:33

Instrument :
BNA_N
ClientSampleId :
BEPD9

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.6	17.0	25.4
277	25.6	20.4	30.6

Manual Integrations
APPROVED

mohammad
10/24/2019 8:05:35 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

