

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101819\
 Data File : BN008248.D
 Acq On : 18 Oct 2019 15:36
 Operator : JU
 Sample : K5178-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPF4

Manual Integrations
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mohammad
 10/22/2019 1:40:19 AM

Quant Time: Oct 18 17:37:51 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 18 17:22:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2917	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	14259	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	9048	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	19513	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	16215	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	17203	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	4026	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	12252	0.18	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.41	128	26716	0.658	ng/ul	99
5) 2-Methylnaphthalene	12.03	142	21127	0.759	ng/ul	99
7) Acenaphthylene	13.95	152	53830	1.249	ng/ul	99
8) Acenaphthene	14.29	153	54486	1.626	ng/ul	99
9) Fluorene	15.28	166	55309	1.453	ng/ul	97
11) Pentachlorophenol	16.64	266	479	0.101	ng/ul	96
12) Phenanthrene	17.02	178	1252420	21.922	ng/ul	99
13) Anthracene	17.11	178	255551	5.083	ng/ul	99
15) Fluoranthene	19.05	202	2029781	26.901	ng/ul	97
17) Pyrene	19.41	202	2510310	38.882	ng/ul	97
18) Benzo(a)anthracene	21.17	228	1382817	23.456	ng/ul	97
19) Chrysene	21.22	228	1461368	20.199	ng/ul	99
21) Benzo(b)fluoranthene	22.72	252	1275259m	22.772	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	447347m	7.052	ng/ul	
23) Benzo(a)pyrene	23.28	252	1025759	17.406	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.53	276	516072	7.435	ng/ul	99
25) Dibenzo(a,h)anthracene	25.53	278	162355	2.959	ng/ul	98
26) Benzo(g,h,i)perylene	26.19	276	530841	8.341	ng/ul	98

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

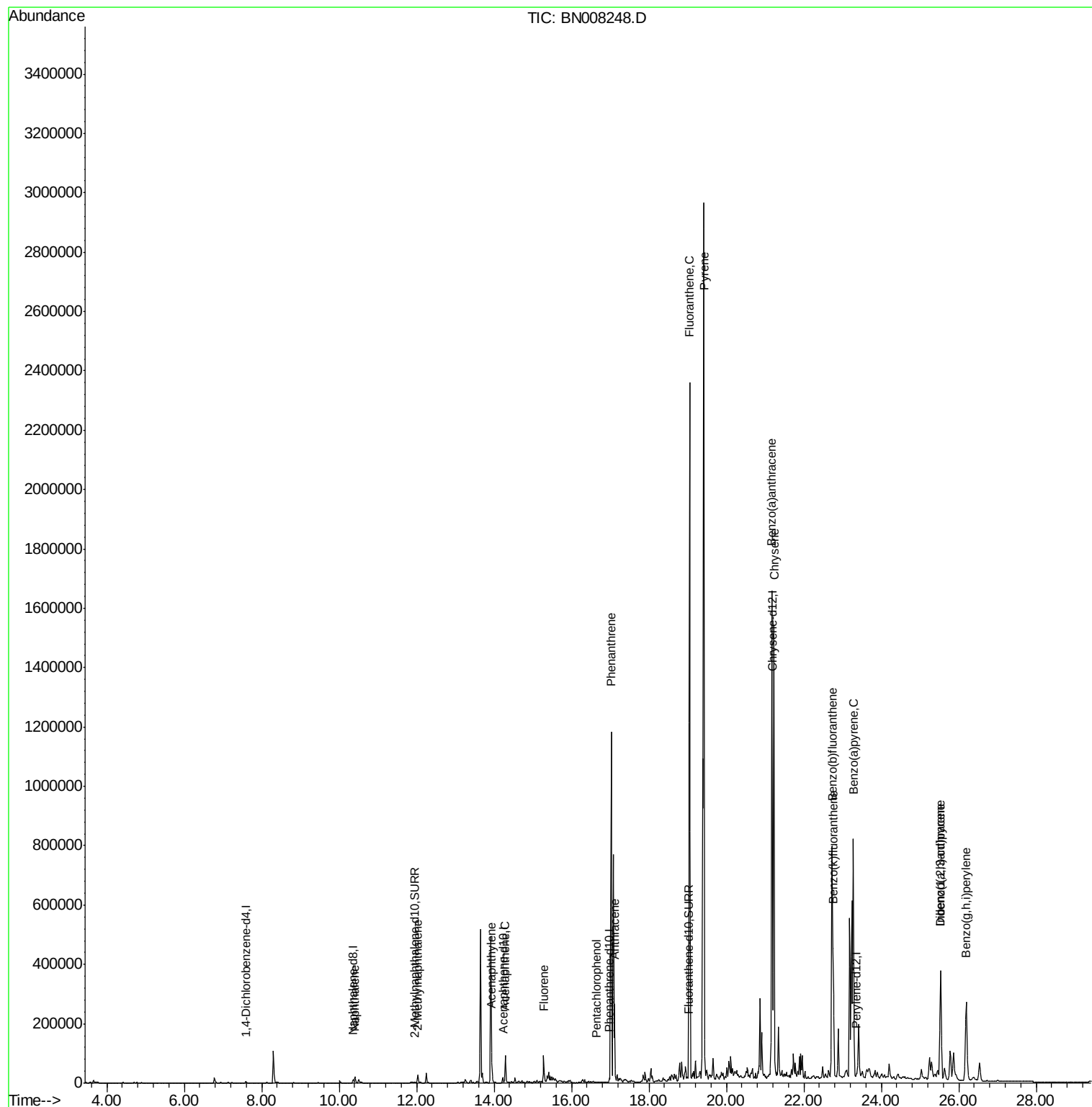
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101819\
Data File : BN008248.D
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ALS Vial : 5 Sample Multiplier: 1

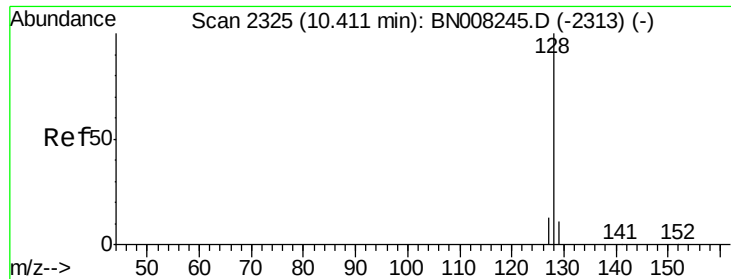
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Fri Oct 18 17:22:25 2019
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#3

Naphthalene

Concen: 0.658 ng/ul

RT: 10.41 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BN008248.D

Acq: 18 Oct 2019 15:36

Instrument :

BNA_N

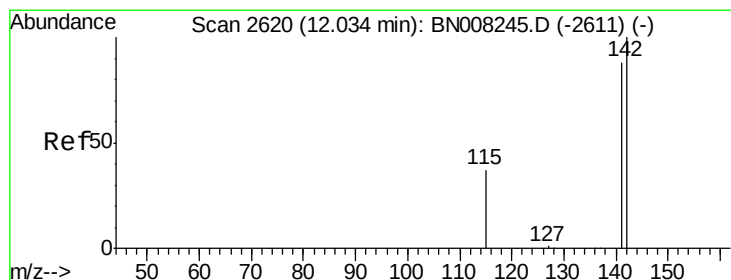
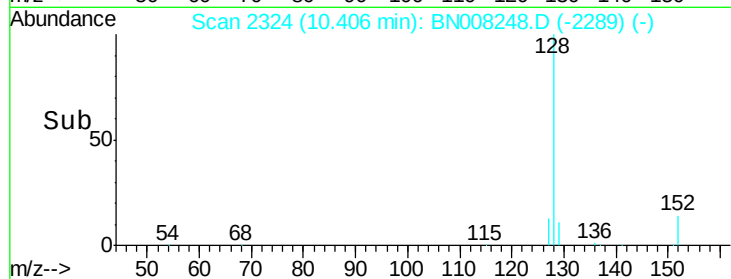
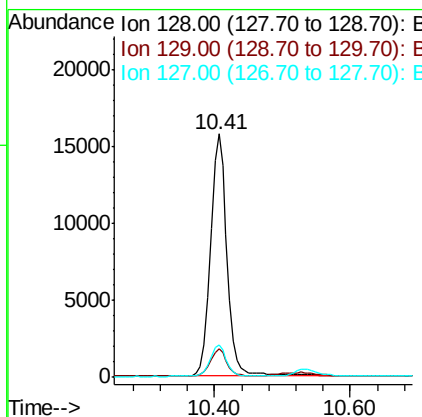
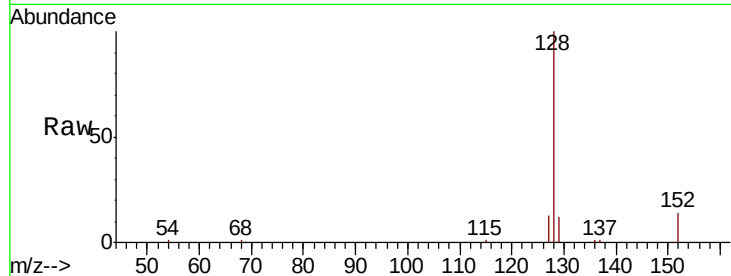
ClientSampleId :

BEPF4

Tot Ion:128	Resp:	26716
Ion Ratio	Lower	Upper
128	100	
129	11.6	9.8 14.8
127	13.4	11.1 16.7

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#5

2-Methylnaphthalene

Concen: 0.759 ng/ul

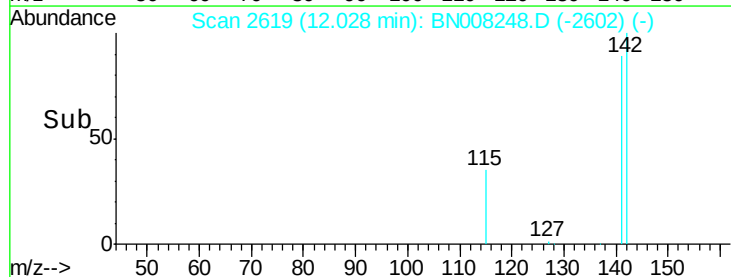
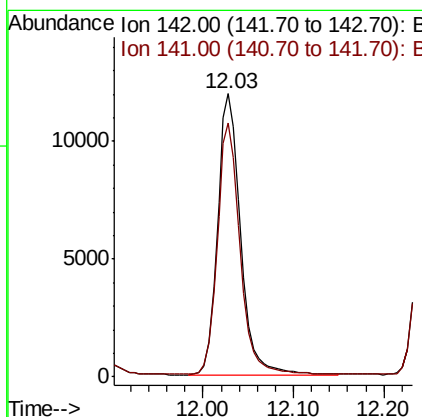
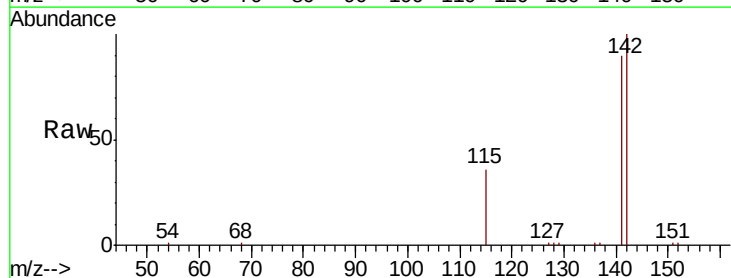
RT: 12.03 min Scan# 2619

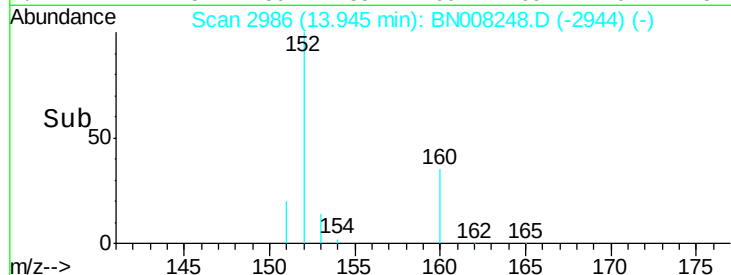
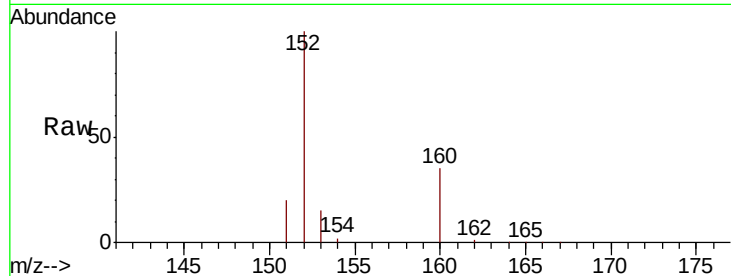
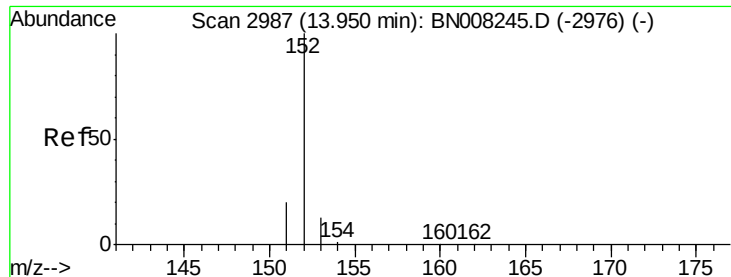
Delta R.T. -0.01 min

Lab File: BN008248.D

Acq: 18 Oct 2019 15:36

Tgt Ion:142	Resp:	21127
Ion Ratio	Lower	Upper
142	100	
141	88.1	71.4 107.2





#7

Acenaphthylene

Concen: 1.249 ng/ul

RT: 13.95 min Scan# 2986

Delta R.T. -0.00 min

Lab File: BN008248.D

Acq: 18 Oct 2019 15:36

Instrument :

BNA_N

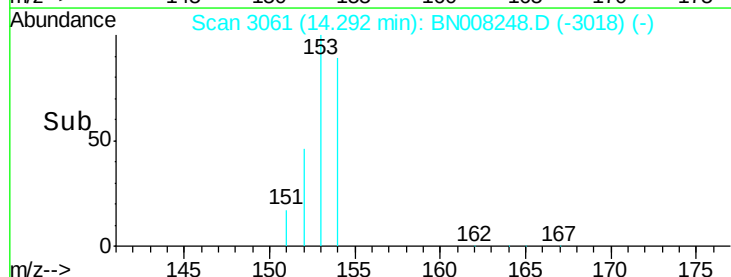
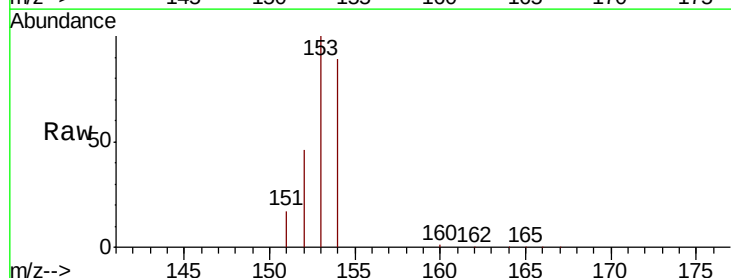
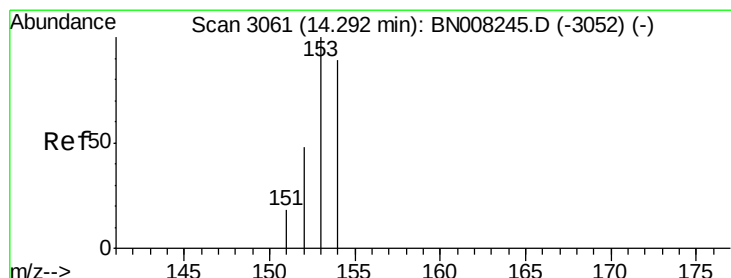
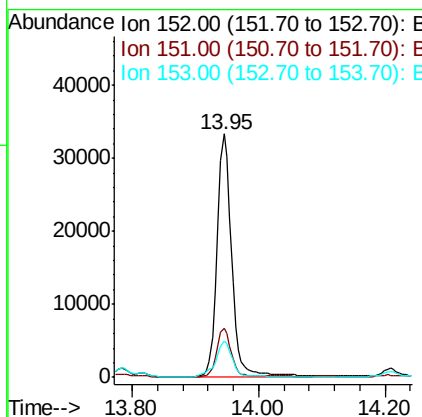
ClientSampleId :

BEPF4

Tot Ion:	152	Resp:	53830
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.4
153	14.7	11.0	16.4

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#8

Acenaphthene

Concen: 1.626 ng/ul

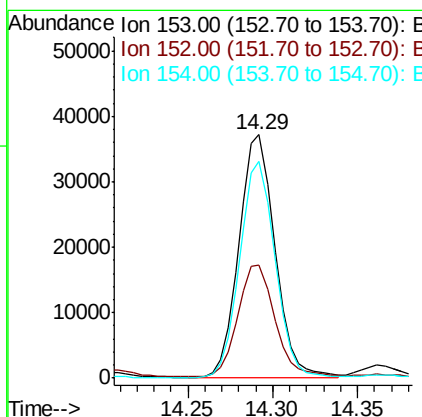
RT: 14.29 min Scan# 3061

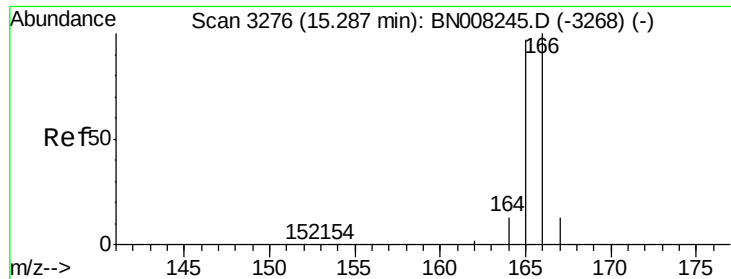
Delta R.T. 0.00 min

Lab File: BN008248.D

Acq: 18 Oct 2019 15:36

Tgt Ion:	153	Resp:	54486
Ion Ratio	Lower	Upper	
153	100		
152	46.4	38.2	57.2
154	89.2	71.8	107.8





#9

Fluorene

Concen: 1.453 ng/ul

RT: 15.28 min Scan# 3275

Delta R.T. -0.00 min

Lab File: BN008248.D

Acq: 18 Oct 2019 15:36

Instrument :

BNA_N

ClientSampled :

BEPF4

Tot Ion:166 Resp: 55309

Ion Ratio Lower Upper

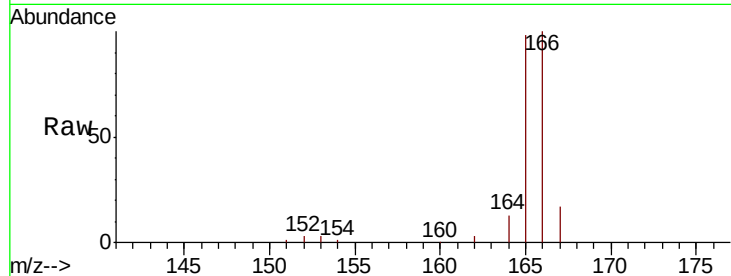
166 100

165 98.3 76.6 115.0

167 16.8 11.7 17.5

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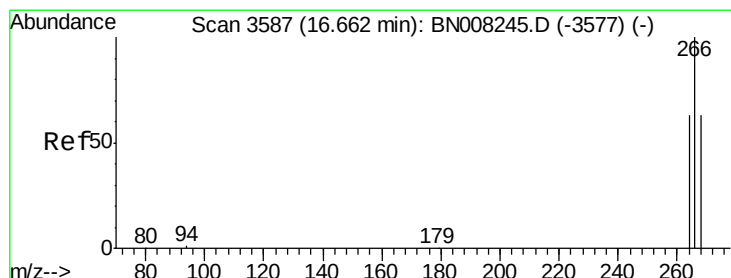
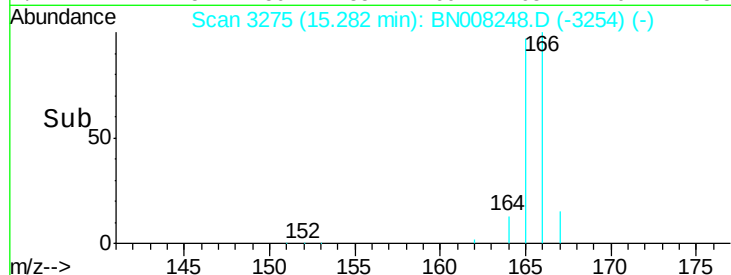
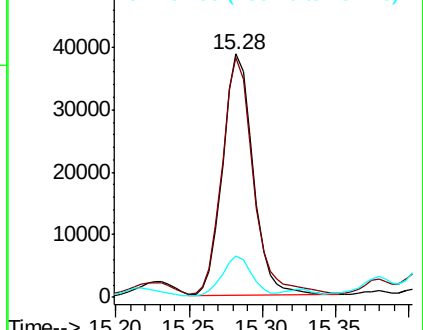


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.101 ng/ul

RT: 16.64 min Scan# 3582

Delta R.T. -0.02 min

Lab File: BN008248.D

Acq: 18 Oct 2019 15:36

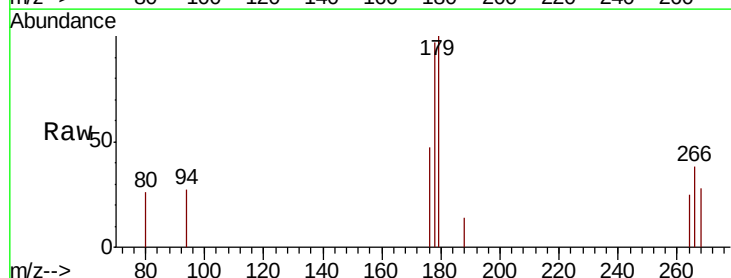
Tgt Ion:266 Resp: 479

Ion Ratio Lower Upper

266 100

264 59.9 50.1 75.1

268 60.8 51.9 77.9

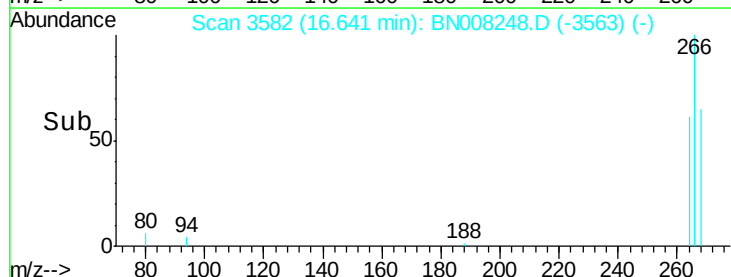
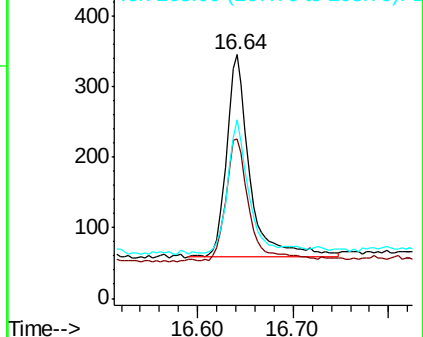


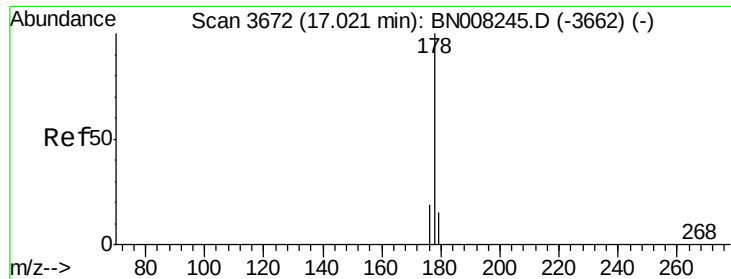
Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





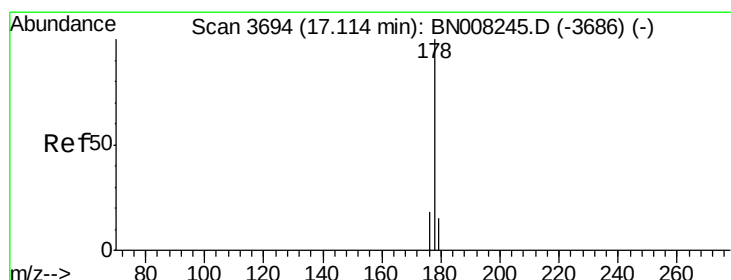
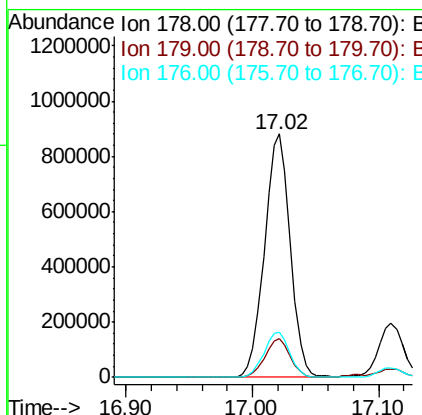
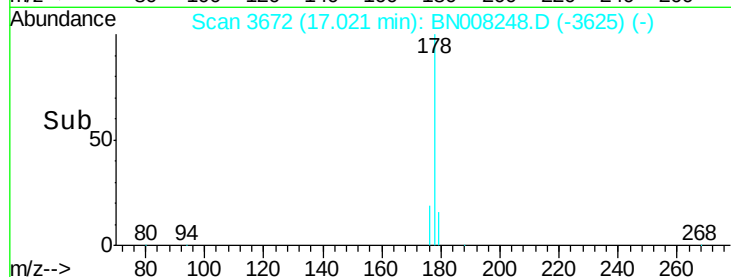
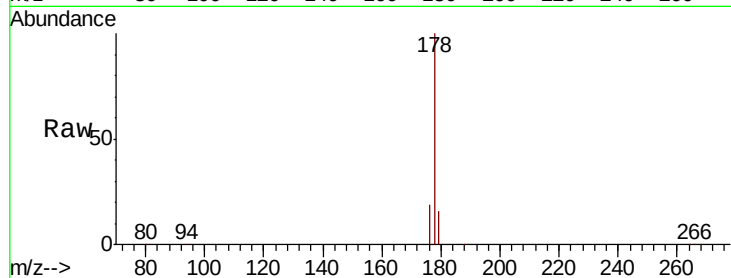
#12
Phenanthrene
Concen: 21.922 ng/ul
RT: 17.02 min Scan# 3672
Delta R.T. 0.00 min
Lab File: BN008248.D
Acq: 18 Oct 2019 15:36

Instrument :
BNA_N
ClientSampled :
BEPF4

Tot Ion:178 Resp: 1252420
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 18.5 15.4 23.2

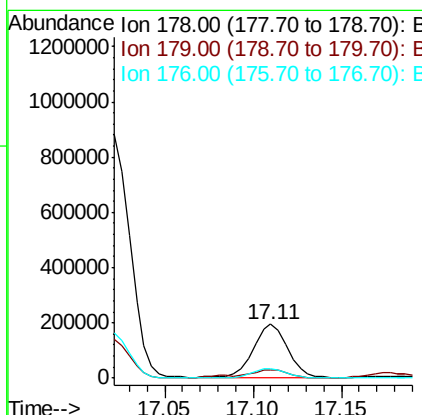
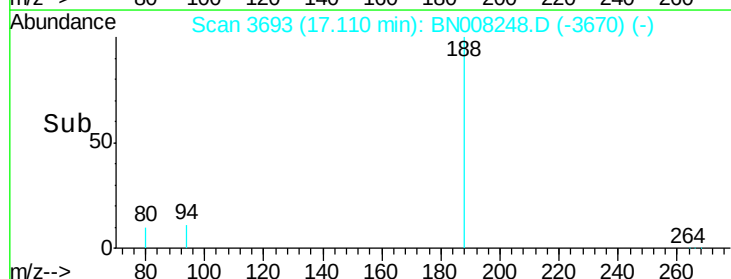
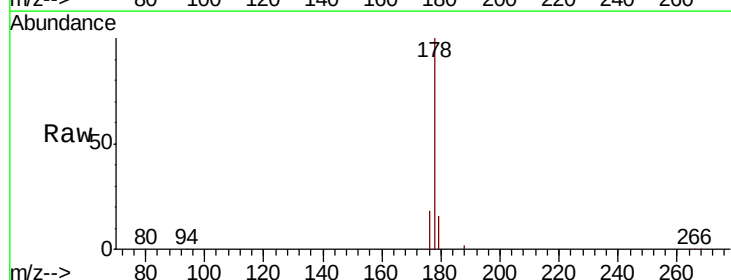
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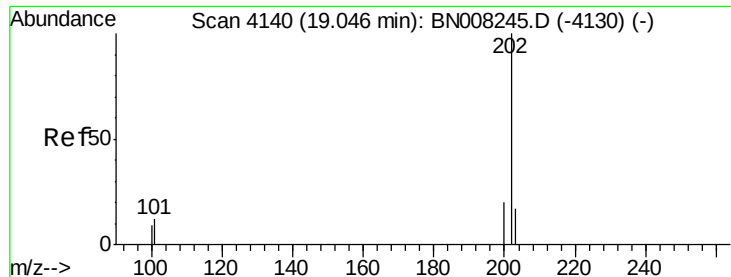
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#13
Anthracene
Concen: 5.083 ng/ul
RT: 17.11 min Scan# 3693
Delta R.T. -0.00 min
Lab File: BN008248.D
Acq: 18 Oct 2019 15:36

Tgt Ion:178 Resp: 255551
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 18.0 15.0 22.6





#15

Fluoranthene

Concen: 26.901 ng/ul

RT: 19.05 min Scan# 4140

Delta R.T. 0.00 min

Lab File: BN008248.D

Acq: 18 Oct 2019 15:36

Instrument :

BNA_N

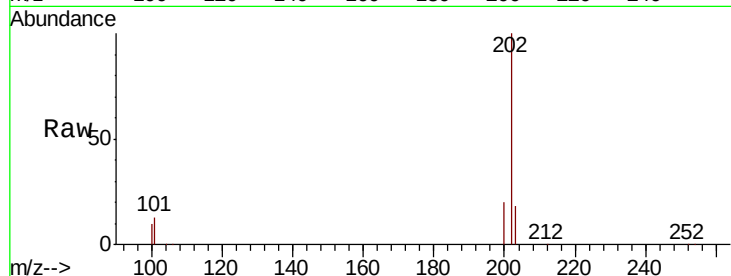
ClientSampleId :

BEPF4

Tot Ion:	202	Resp:	2029781
Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.2
100	9.5	0.0	28.5

Manual Integrations
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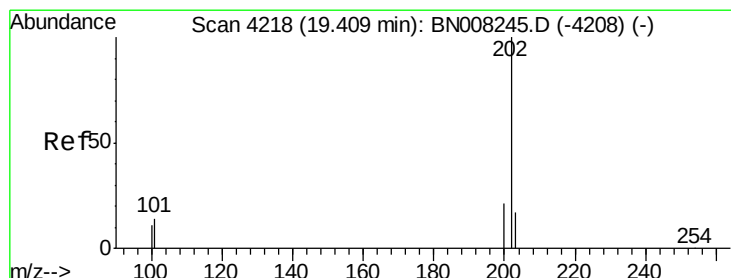
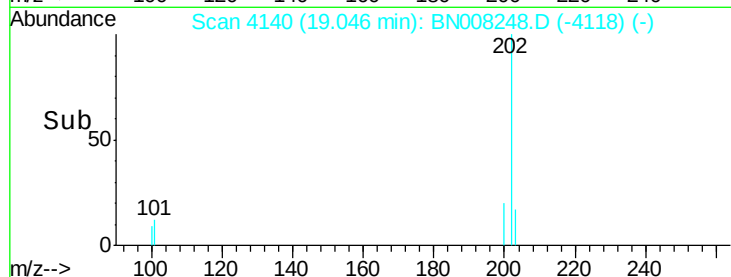
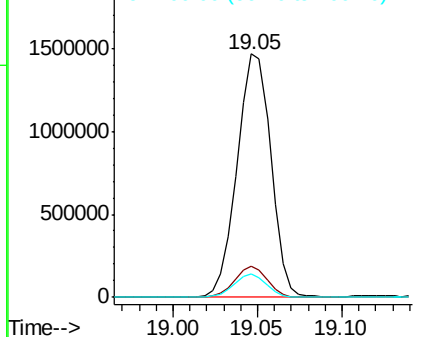
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 38.882 ng/ul

RT: 19.41 min Scan# 4219

Delta R.T. 0.00 min

Lab File: BN008248.D

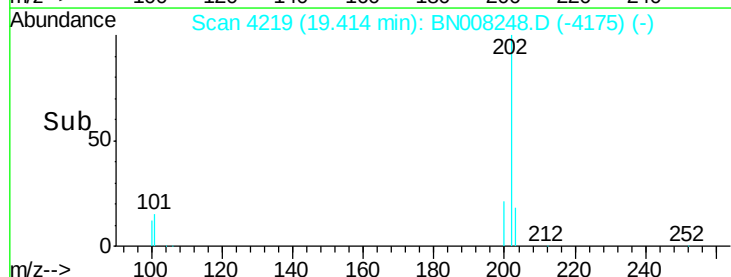
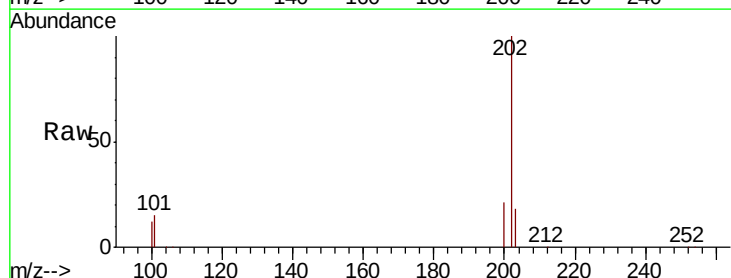
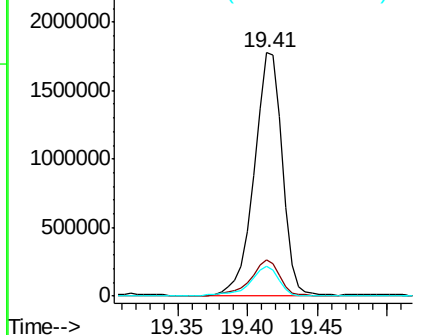
Acq: 18 Oct 2019 15:36

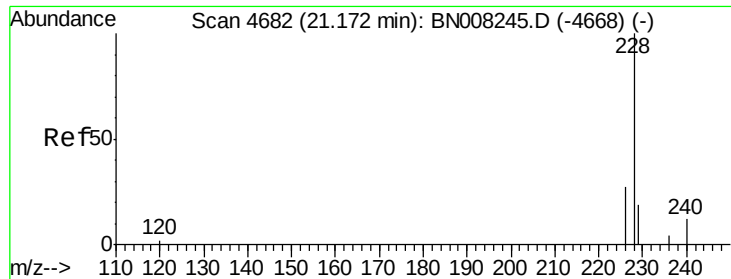
Tgt Ion:	202	Resp:	2510310
Ion	Ratio	Lower	Upper
202	100		
101	14.9	10.9	16.3
100	12.2	8.7	13.1

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





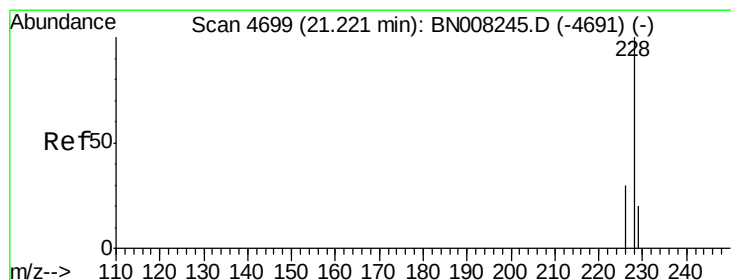
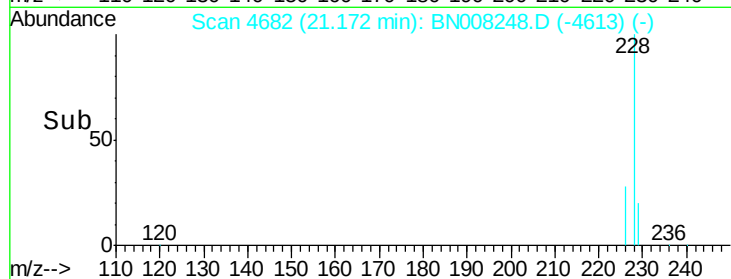
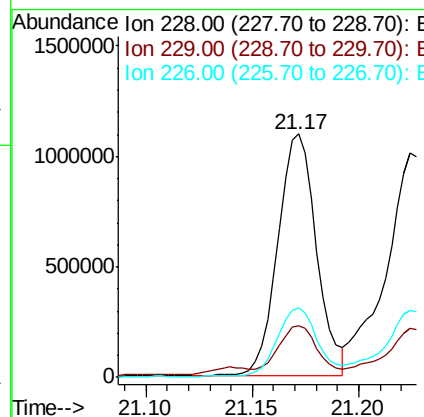
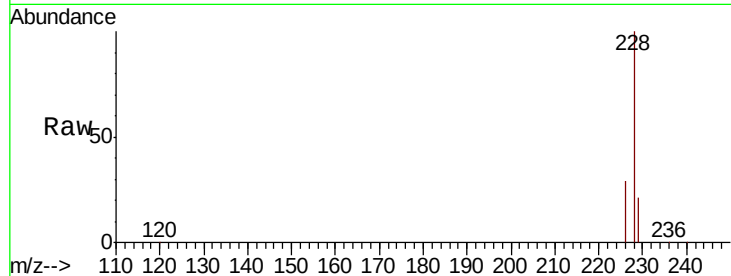
#18
Benzo(a)anthracene
Concen: 23.456 ng/ul
RT: 21.17 min Scan# 4682
Delta R.T. 0.00 min
Lab File: BN008248.D
Acq: 18 Oct 2019 15:36

Instrument :
BNA_N
ClientSampleId :
BEPF4

Tot Ion:228 Resp: 1382817
Ion Ratio Lower Upper
228 100
229 21.4 16.2 24.2
226 28.5 21.4 32.0

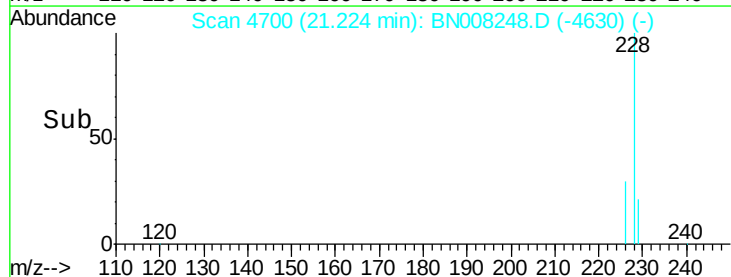
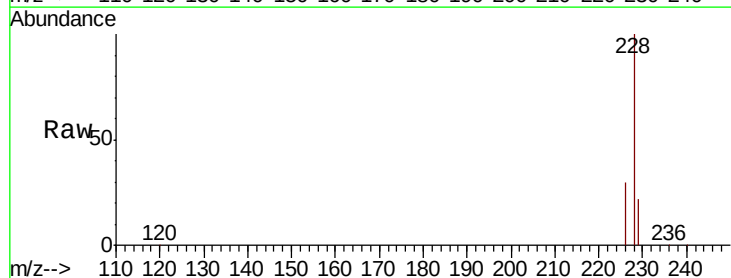
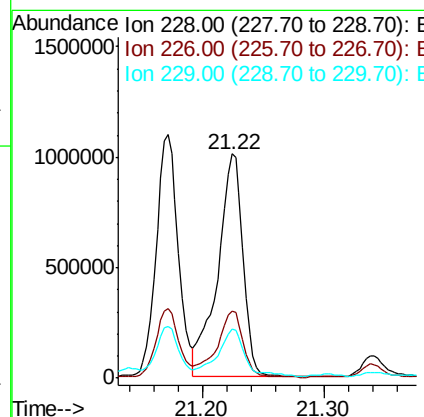
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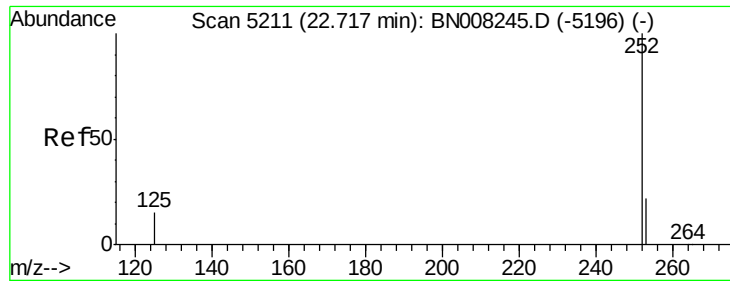
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#19
Chrysene
Concen: 20.199 ng/ul
RT: 21.22 min Scan# 4700
Delta R.T. 0.00 min
Lab File: BN008248.D
Acq: 18 Oct 2019 15:36

Tgt Ion:228 Resp: 1461368
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 21.7 16.2 24.2





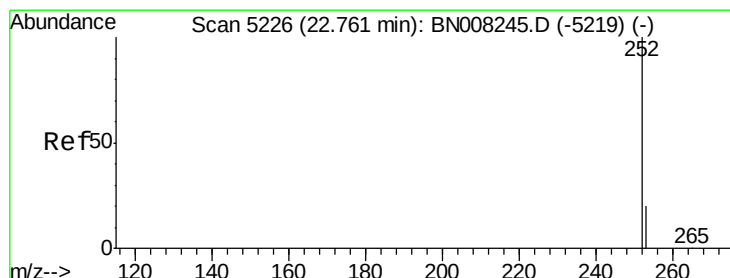
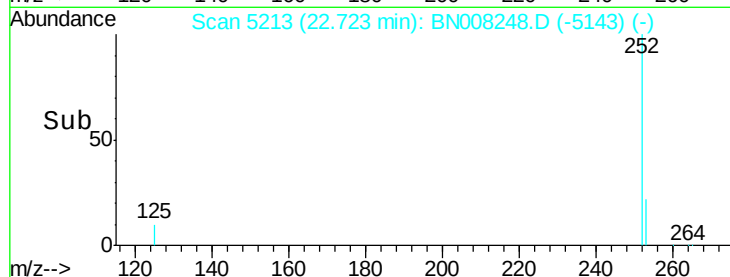
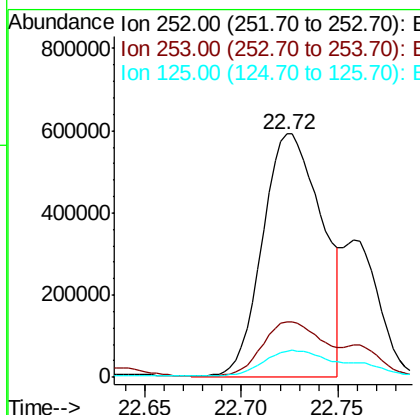
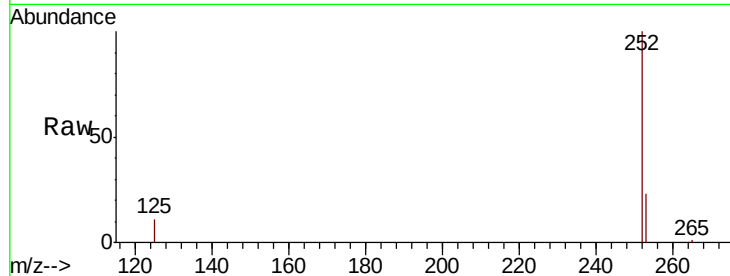
#21
Benzo(b)fluoranthene
Concen: 22.772 ng/ul m
RT: 22.72 min Scan# 5213
Delta R.T. 0.01 min
Lab File: BN008248.D
Acq: 18 Oct 2019 15:36

Instrument :
BNA_N
ClientSampleId :
BEPF4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	53.4
125	10.7	0.0	32.4

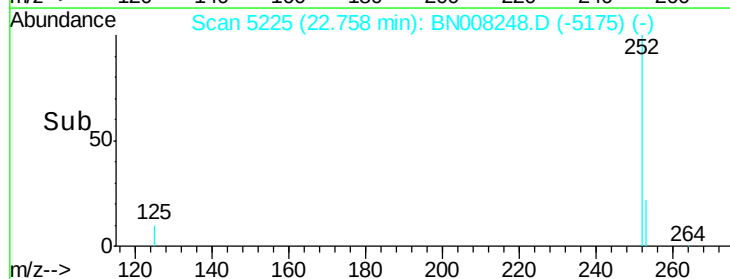
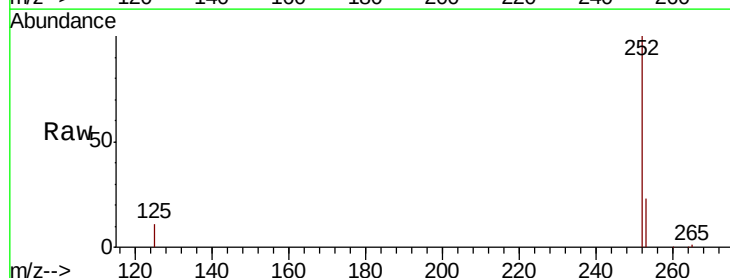
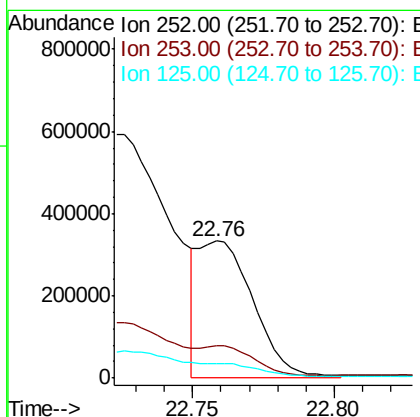
Manual Integrations
APPROVED

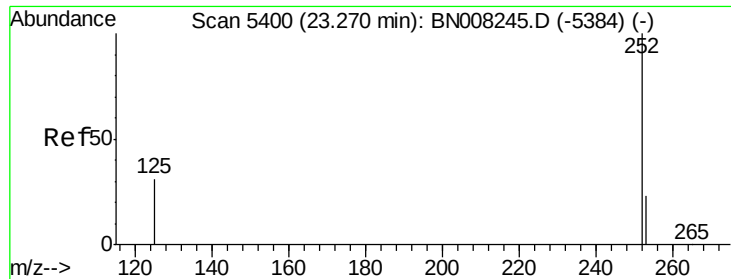
mohammad
10/22/2019 1:40:19 AM



#22
Benzo(k)fluoranthene
Concen: 7.052 ng/ul m
RT: 22.76 min Scan# 5225
Delta R.T. -0.00 min
Lab File: BN008248.D
Acq: 18 Oct 2019 15:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	21.3	31.9
125	11.0	12.3	18.5#





#23

Benzo(a)pyrene

Concen: 17.406 ng/ul

RT: 23.28 min Scan# 5402

Delta R.T. 0.01 min

Lab File: BN008248.D

Acq: 18 Oct 2019 15:36

Instrument :

BNA_N

ClientSampleId :

BEPF4

Tot Ion:252 Resp: 1025759

Ion Ratio Lower Upper

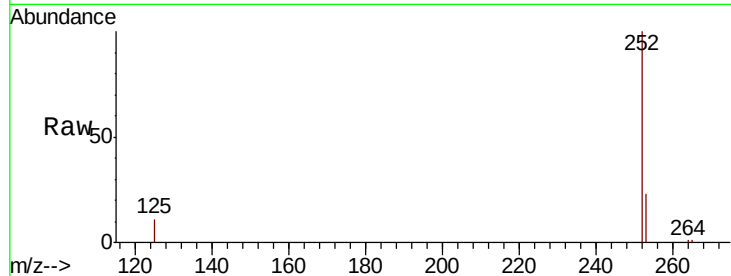
252 100

253 22.8 22.8 34.2

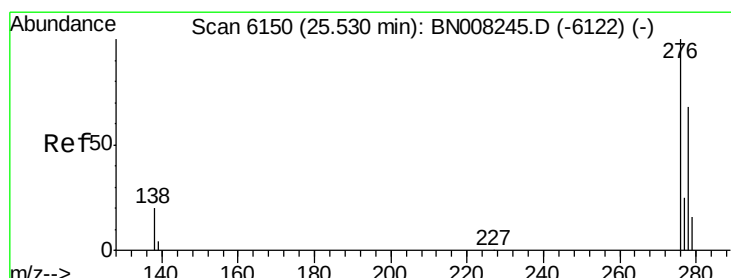
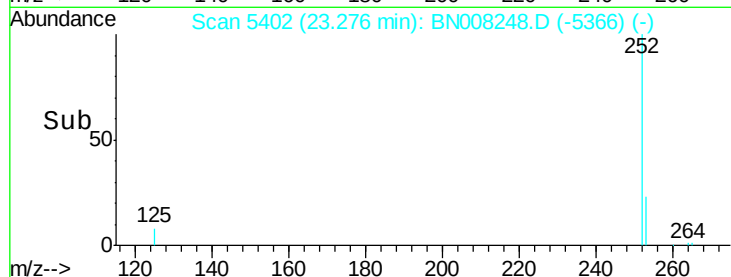
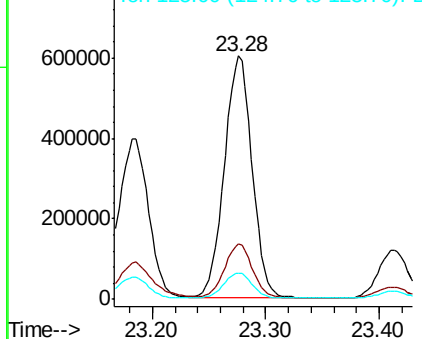
125 10.9 18.4 27.6#

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 7.435 ng/ul

RT: 25.53 min Scan# 6150

Delta R.T. 0.00 min

Lab File: BN008248.D

Acq: 18 Oct 2019 15:36

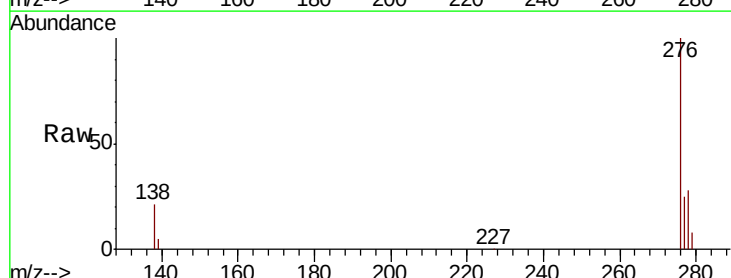
Tgt Ion:276 Resp: 516072

Ion Ratio Lower Upper

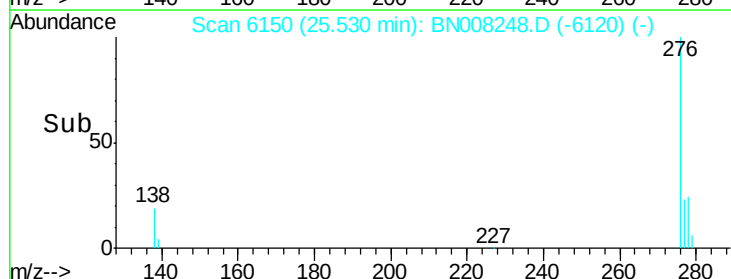
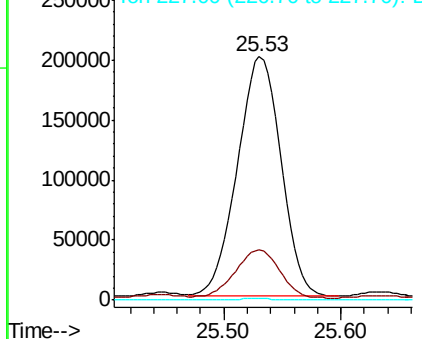
276 100

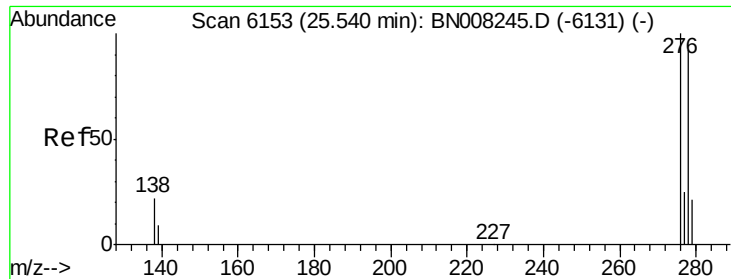
138 20.5 16.1 24.1

227 0.2 0.2 0.2



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





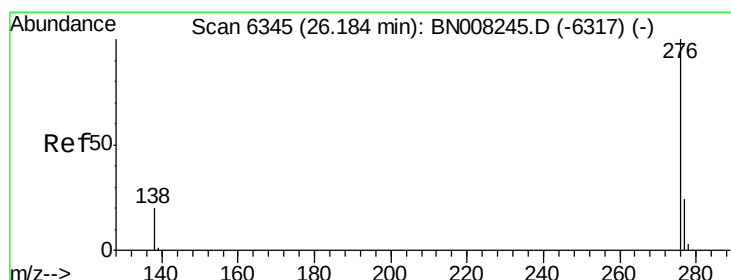
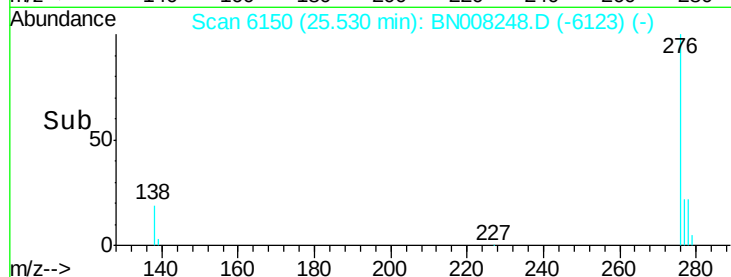
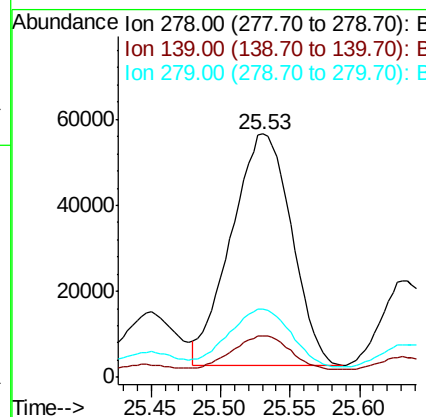
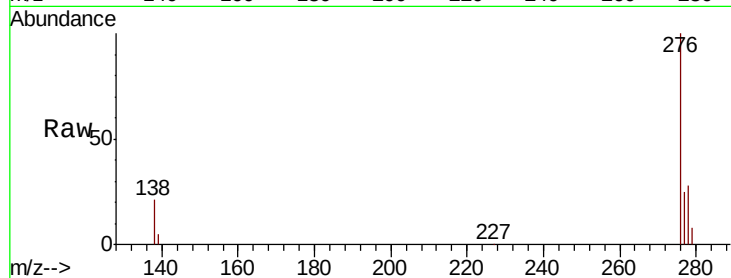
#25
Dibenzo(a,h)anthracene
Concen: 2.959 ng/ul
RT: 25.53 min Scan# 6150
Delta R.T. -0.01 min
Lab File: BN008248.D
Acq: 18 Oct 2019 15:36

Instrument :
BNA_N
ClientSampleId :
BEPF4

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	15.0	22.6
279	27.9	22.4	33.6

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#26
Benzo(g,h,i)perylene
Concen: 8.341 ng/ul
RT: 26.19 min Scan# 6347
Delta R.T. 0.01 min
Lab File: BN008248.D
Acq: 18 Oct 2019 15:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.5	17.0	25.4
277	24.2	20.4	30.6

