

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
 Data File : BN007465.D
 Acq On : 28 Aug 2019 13:14
 Operator : HP/JU
 Sample : K4373-05
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AF2

Manual Integrations
 APPROVED

mohammad
 8/29/2019 7:50:12 AM

Quant Time: Aug 28 14:38:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 20:30:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4497	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	20088	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	10331	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	24520m	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	19887m	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	22919	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	9423	0.30	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	25850m	0.32	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.20	128	5688	0.100	ng/ul#	94
7) Acenaphthylene	13.76	152	4128	0.072	ng/ul#	83
8) Acenaphthene	14.11	153	798289	19.327	ng/ul	97
9) Fluorene	15.10	166	7377	0.165	ng/ul#	70
12) Phenanthrene	16.84	178	3161m	0.041	ng/ul	
13) Anthracene	16.93	178	60690m	0.842	ng/ul	
15) Fluoranthene	18.88	202	807469m	7.885	ng/ul	
17) Pyrene	19.24	202	509484	5.237	ng/ul	98
18) Benzo(a)anthracene	21.01	228	28943m	0.325	ng/ul	
19) Chrysene	21.06	228	27333m	0.286	ng/ul	
21) Benzo(b)fluoranthene	22.51	252	11923m	0.119	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	3815m	0.036	ng/ul	
23) Benzo(a)pyrene	23.04	252	4404	0.044	ng/ul#	46

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

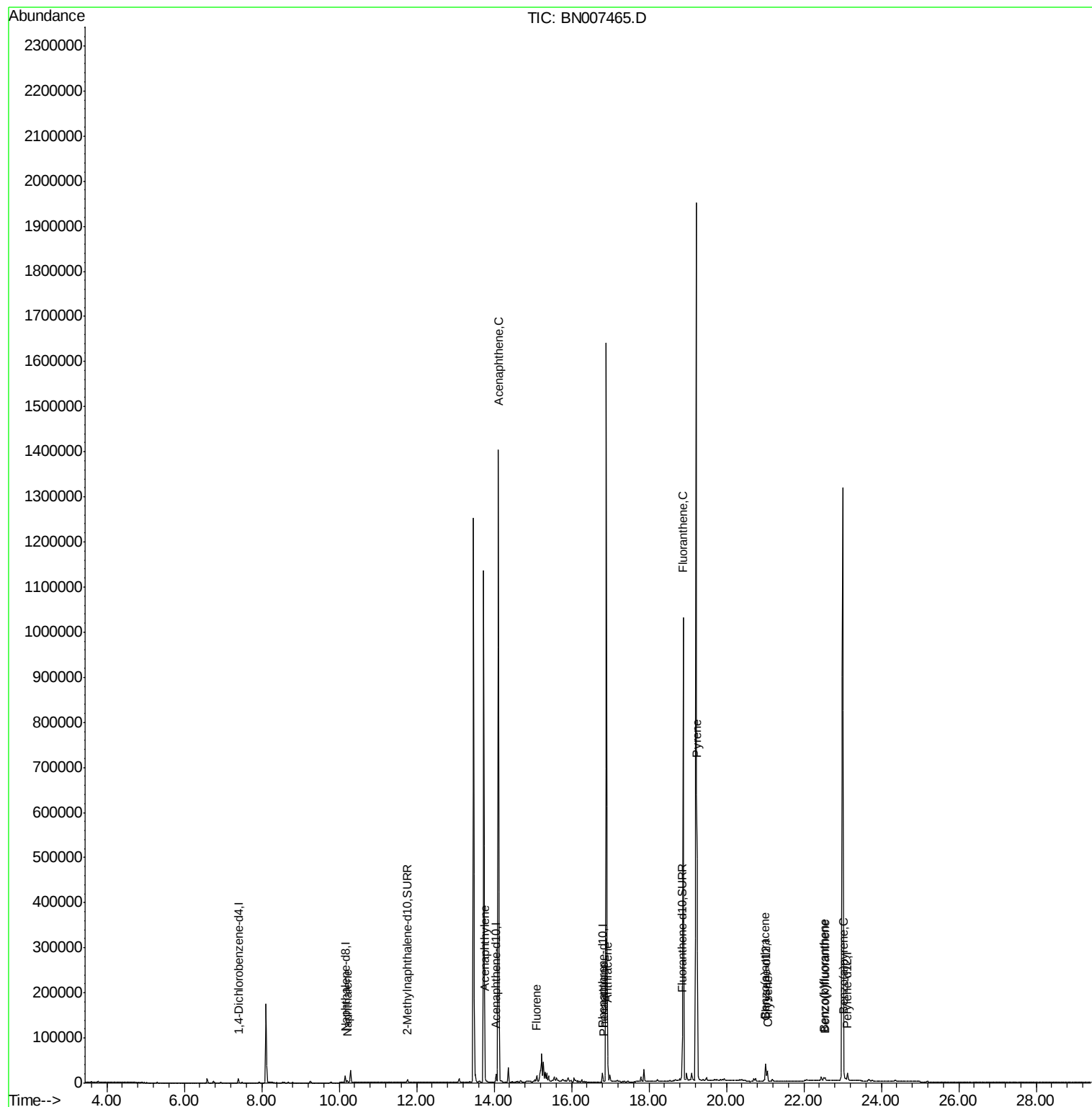
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007465.D
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Sample : K4373-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

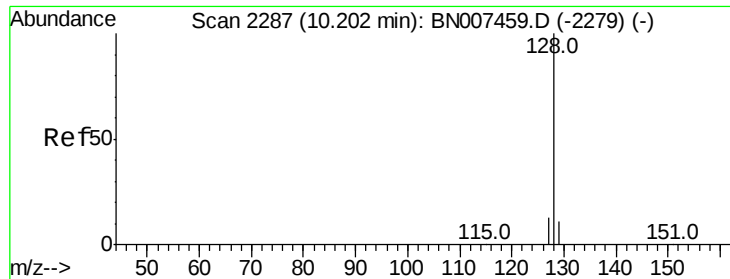
Instrument :
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QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.100 ng/ul

RT: 10.20 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BN007465.D

Acq: 28 Aug 2019 13:14

Instrument :

BNA_N

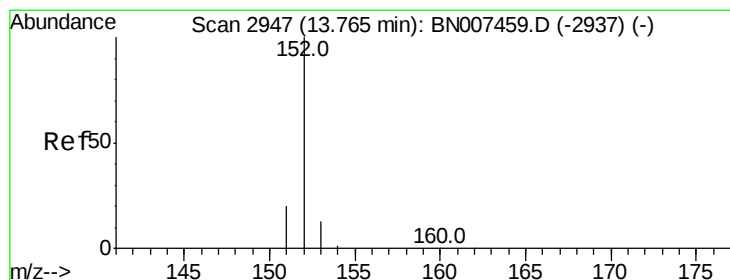
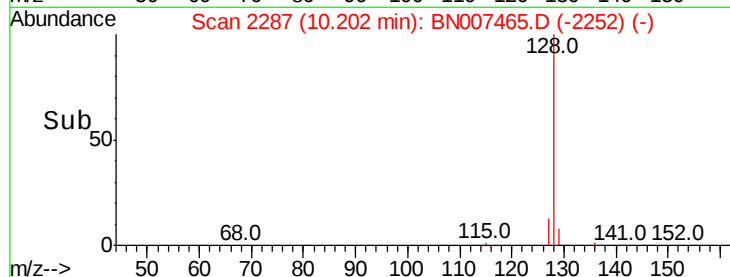
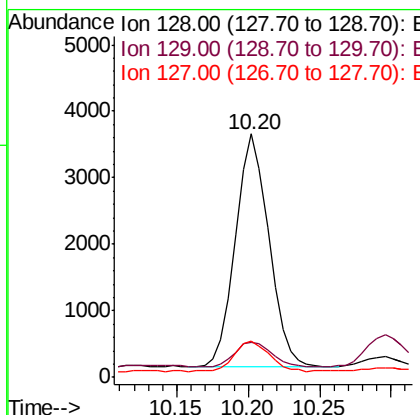
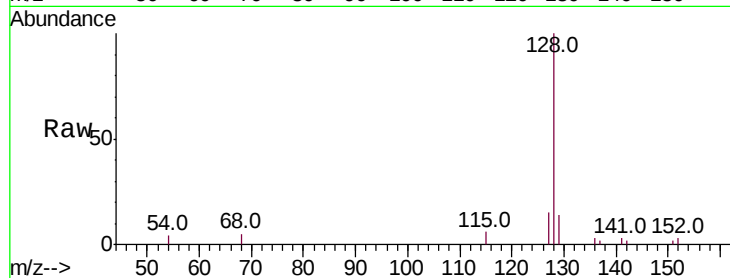
ClientSampleId :

C0AF2

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.4	9.2	13.8#
127	14.9	10.4	15.6

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#7

Acenaphthylene

Concen: 0.072 ng/ul

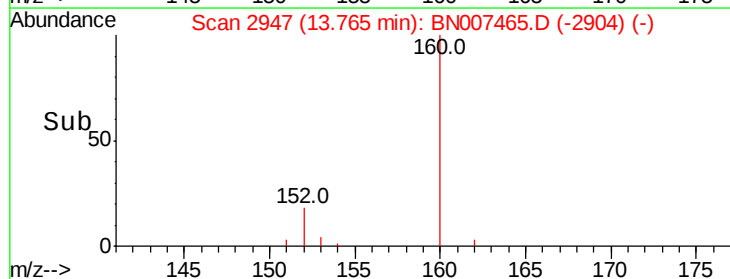
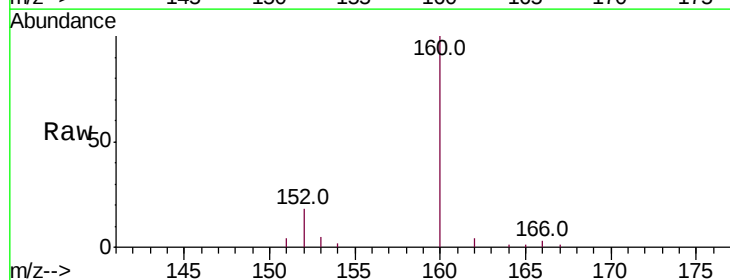
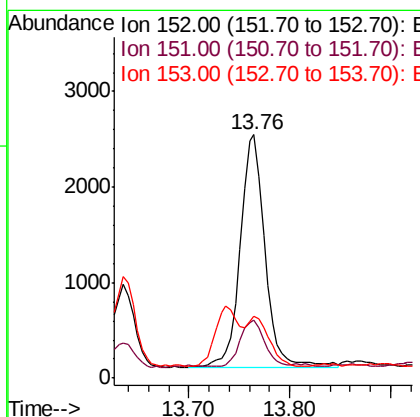
RT: 13.76 min Scan# 2947

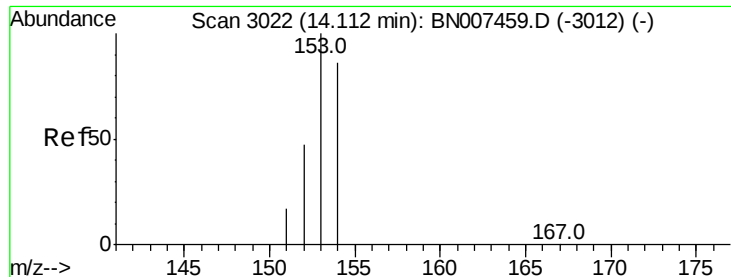
Delta R.T. -0.00 min

Lab File: BN007465.D

Acq: 28 Aug 2019 13:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.6	15.8	23.6
153	25.5	10.8	16.2#





#8

Acenaphthene

Concen: 19.327 ng/ul

RT: 14.11 min Scan# 3022

Delta R.T. -0.00 min

Lab File: BN007465.D

Acq: 28 Aug 2019 13:14

Instrument :

BNA_N

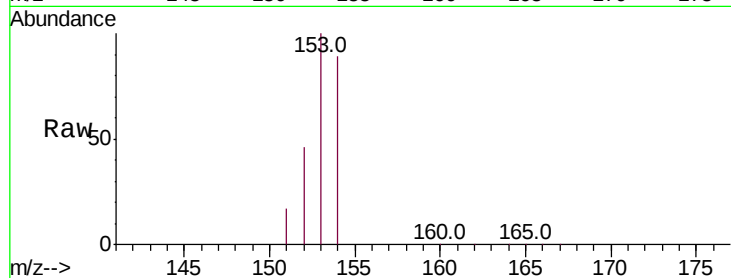
ClientSampleId :

C0AF2

Tot Ion:	153	Resp:	798289
Ion Ratio	Lower	Upper	
153	100		
152	46.3	39.1	58.7
154	89.4	69.4	104.2

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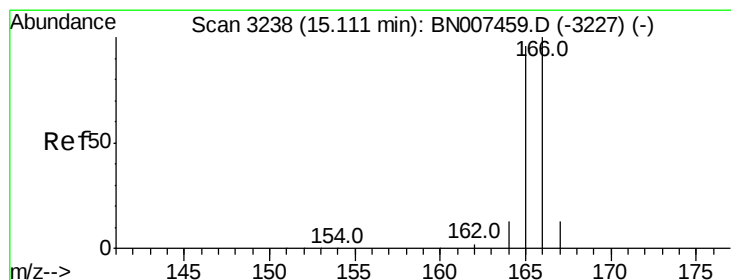
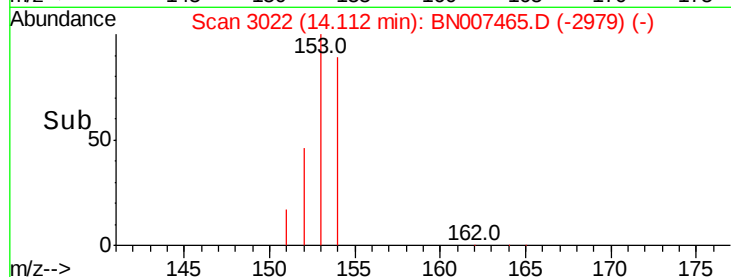
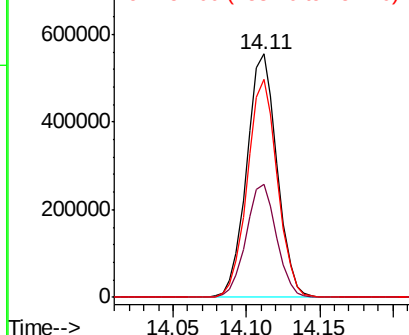


Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.165 ng/ul

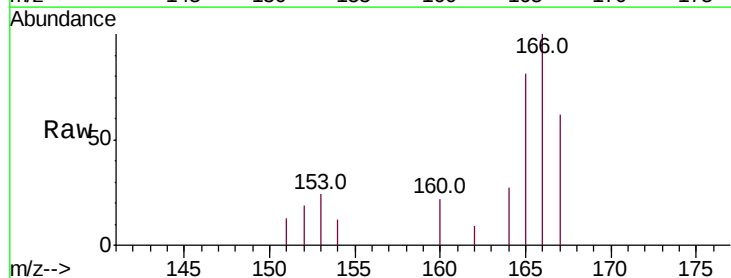
RT: 15.10 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BN007465.D

Acq: 28 Aug 2019 13:14

Tgt Ion:	166	Resp:	7377
Ion Ratio	Lower	Upper	
166	100		
165	81.4	79.6	119.4
167	61.7	11.7	17.5#

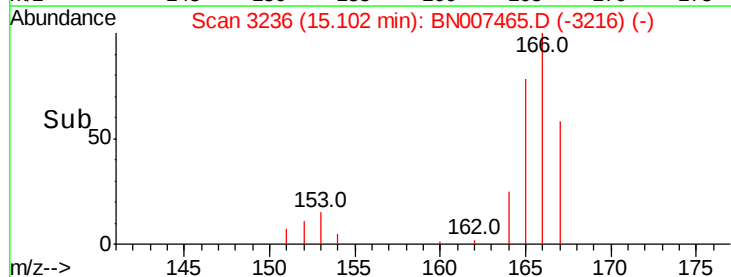
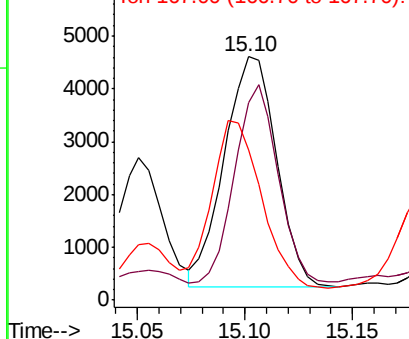


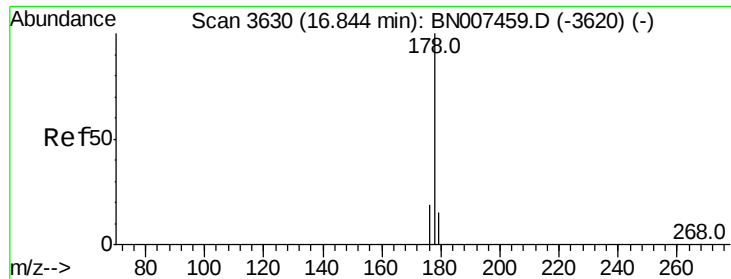
Abundance

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





#12

Phenanthrene

Concen: 0.041 ng/ul m

RT: 16.84 min Scan# 3629

Delta R.T. -0.00 min

Lab File: BN007465.D

Acq: 28 Aug 2019 13:14

Instrument :

BNA_N

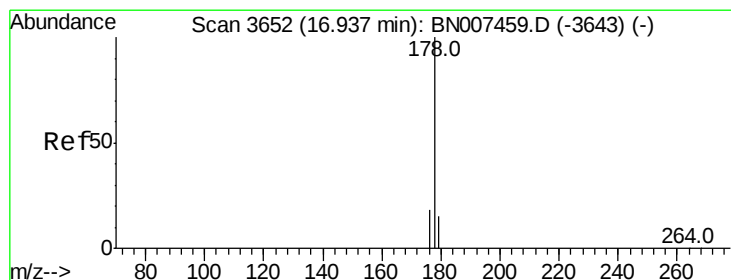
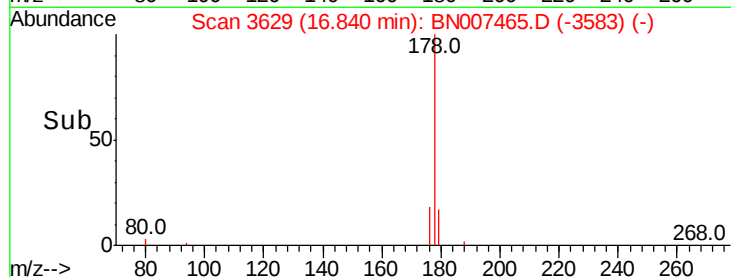
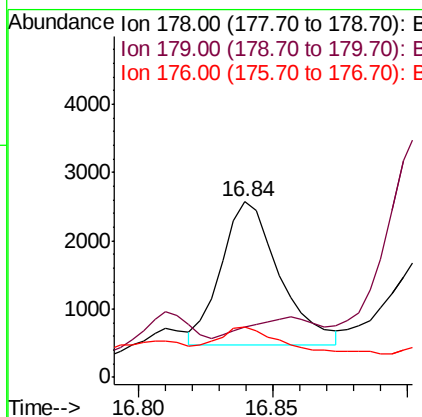
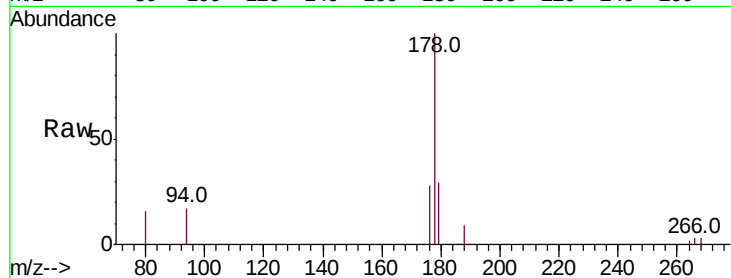
ClientSampleId :

C0AF2

Tot Ion:178	Resp:	3161
Ion Ratio	Lower	Upper
178	100	
179	28.8	12.8 19.2#
176	28.4	15.2 22.8#

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#13

Anthracene

Concen: 0.842 ng/ul m

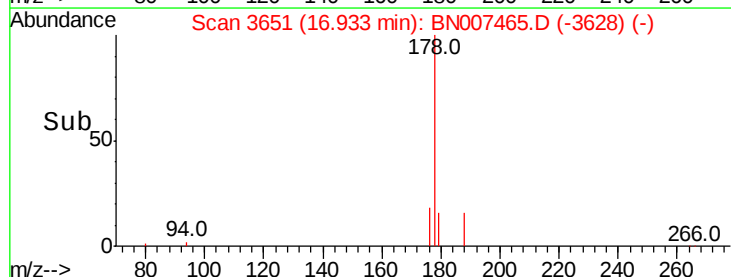
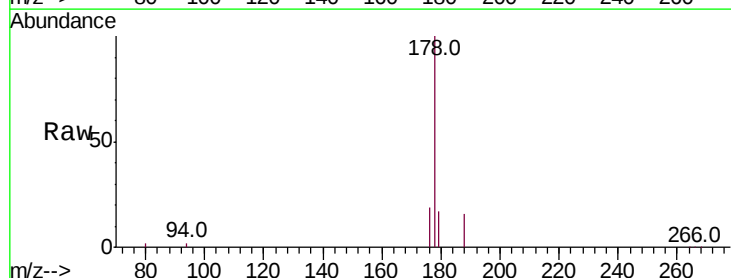
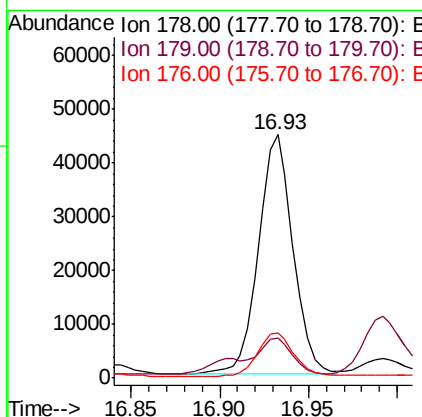
RT: 16.93 min Scan# 3651

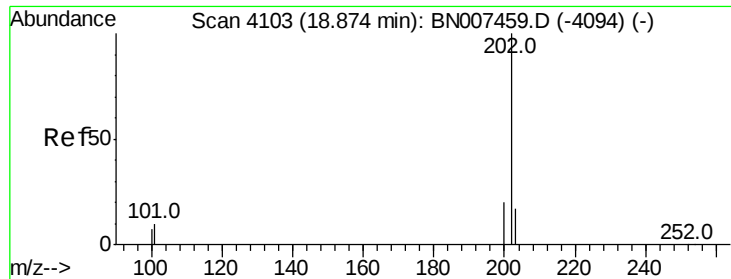
Delta R.T. -0.00 min

Lab File: BN007465.D

Acq: 28 Aug 2019 13:14

Tgt Ion:178	Resp:	60690
Ion Ratio	Lower	Upper
178	100	
179	16.7	12.8 19.2
176	18.6	14.6 21.8





#15

Fluoranthene

Concen: 7.885 ng/ul m

RT: 18.88 min Scan# 4105

Delta R.T. 0.01 min

Lab File: BN007465.D

Acq: 28 Aug 2019 13:14

Instrument :

BNA_N

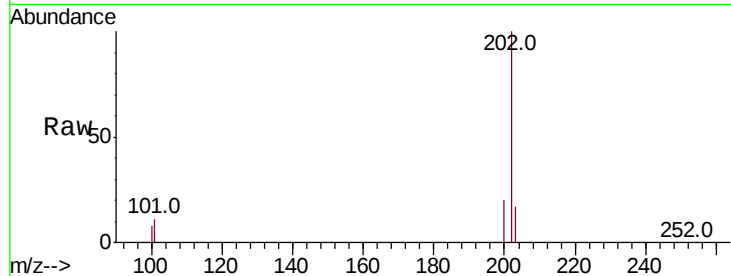
ClientSampleId :

C0AF2

Tot Ion:	202	Resp:	807469
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	31.3
100	8.0	0.0	28.5

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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

18.88

800000

600000

400000

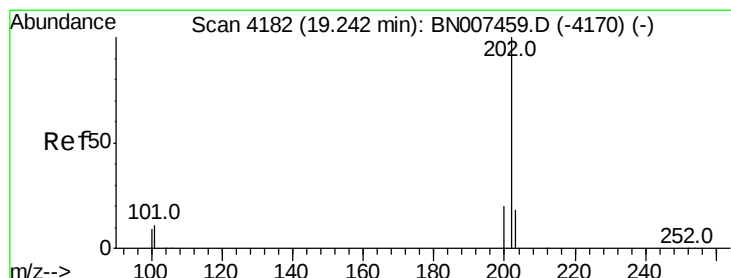
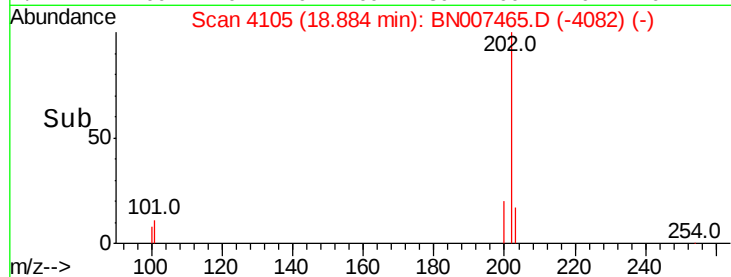
200000

0

18.85

18.90

Time-->



#17

Pyrene

Concen: 5.237 ng/ul

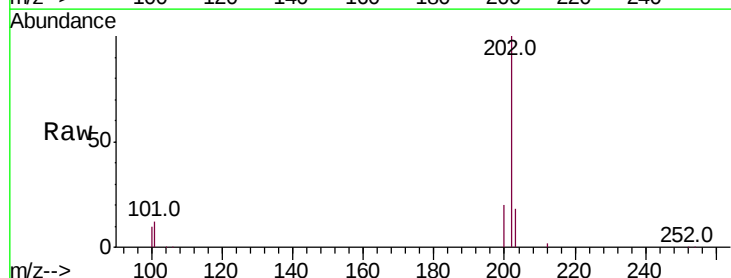
RT: 19.24 min Scan# 4182

Delta R.T. -0.00 min

Lab File: BN007465.D

Acq: 28 Aug 2019 13:14

Tgt Ion:	202	Resp:	509484
Ion Ratio	Lower	Upper	
202	100		
101	12.3	10.7	16.1
100	10.0	8.6	12.8



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

19.24

500000

400000

300000

200000

100000

0

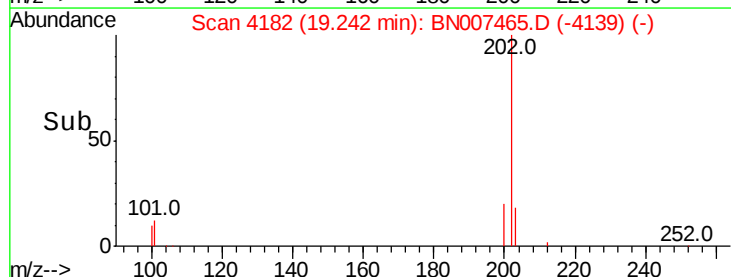
19.10

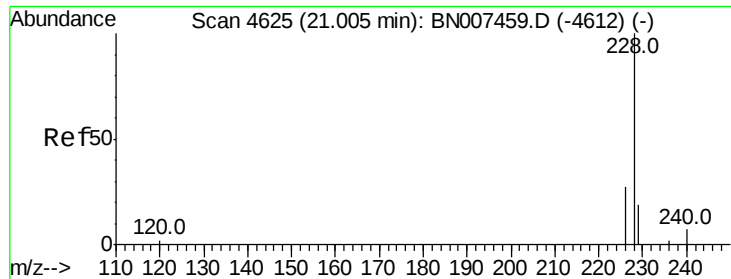
19.20

19.30

19.40

Time-->





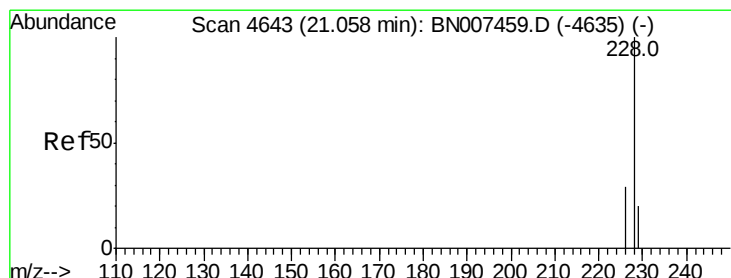
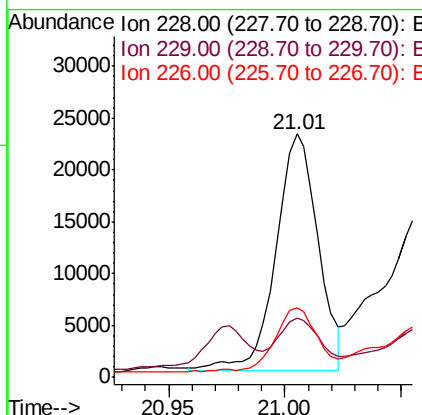
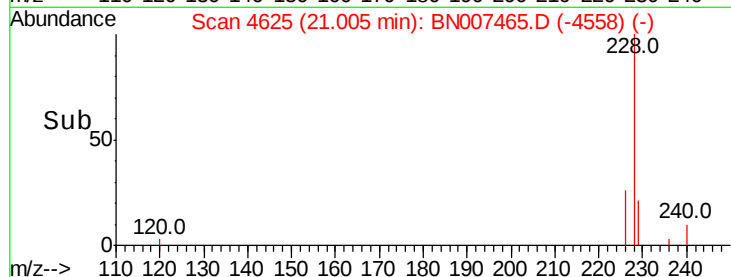
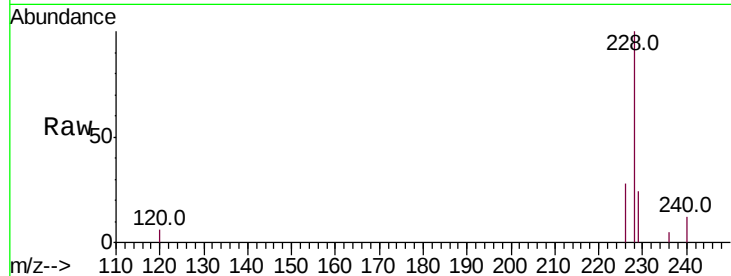
#18
Benzo(a)anthracene
Concen: 0.325 ng/ul m
RT: 21.01 min Scan# 4625
Delta R.T. -0.00 min
Lab File: BN007465.D
Acq: 28 Aug 2019 13:14

Instrument :
BNA_N
ClientSampleId :
C0AF2

Tot Ion	Ratio	Lower	Upper
228	100		
229	24.3	15.4	23.2#
226	28.5	22.0	33.0

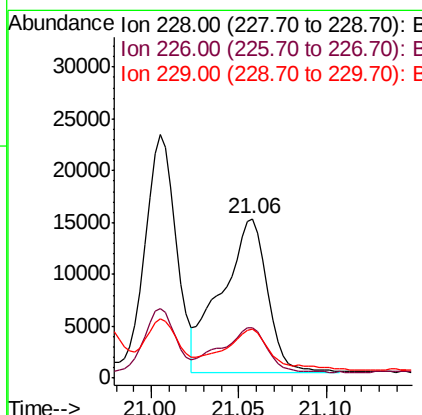
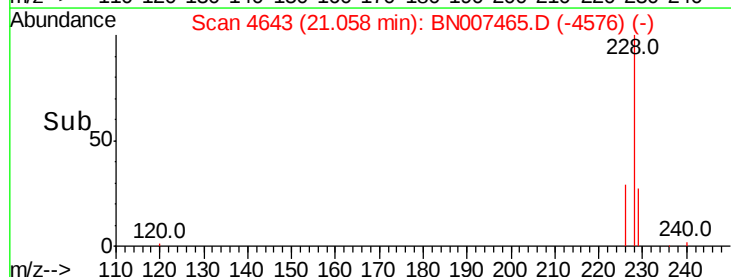
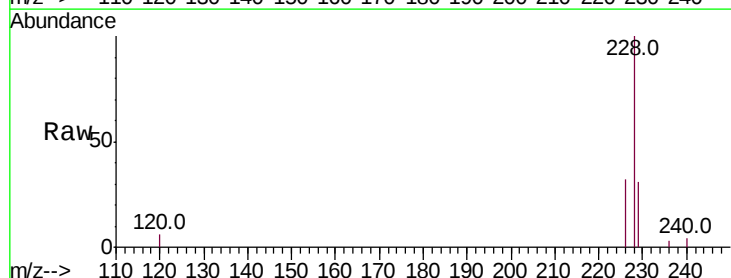
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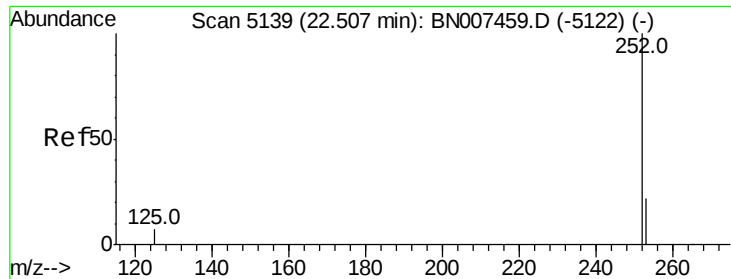
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#19
Chrysene
Concen: 0.286 ng/ul m
RT: 21.06 min Scan# 4643
Delta R.T. -0.00 min
Lab File: BN007465.D
Acq: 28 Aug 2019 13:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.1	36.1
229	30.8	16.1	24.1#





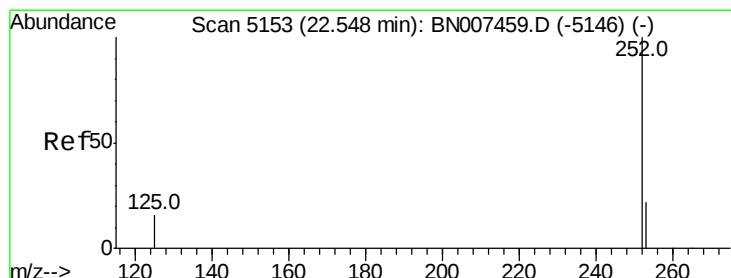
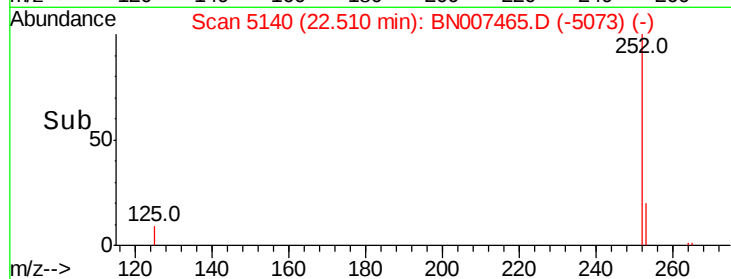
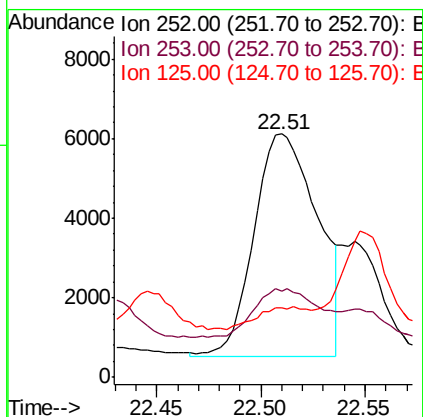
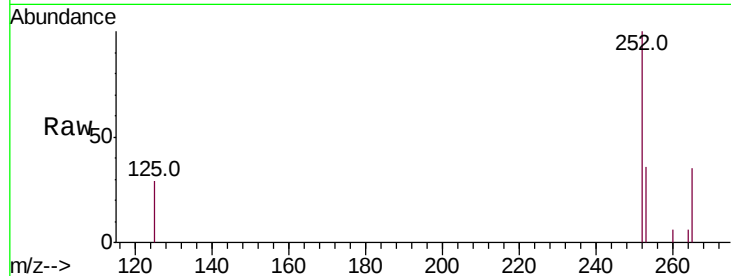
#21
Benzo(b)fluoranthene
Concen: 0.119 ng/ul m
RT: 22.51 min Scan# 5140
Delta R.T. -0.00 min
Lab File: BN007465.D
Acq: 28 Aug 2019 13:14

Instrument :
BNA_N
ClientSampleId :
C0AF2

Tot Ion	Ratio	Lower	Upper
252	100		
253	35.6	0.0	47.0
125	28.7	0.0	24.8

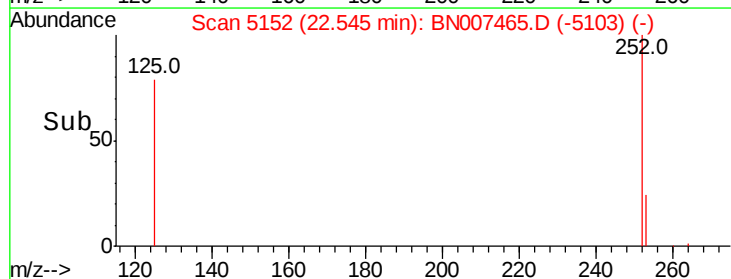
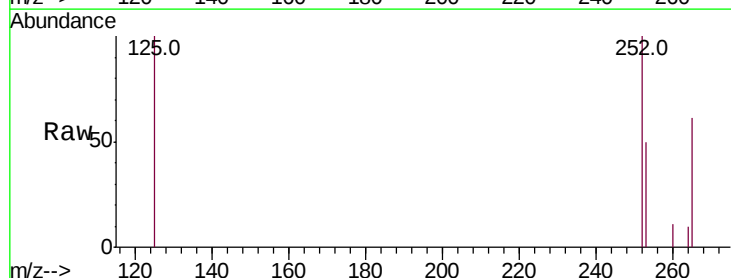
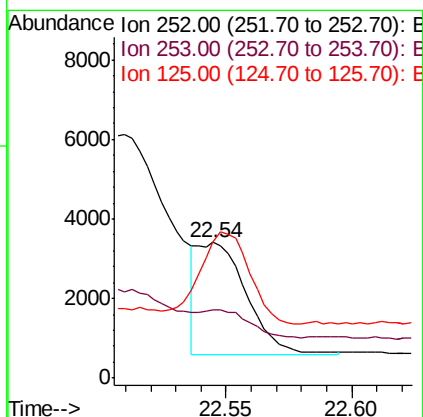
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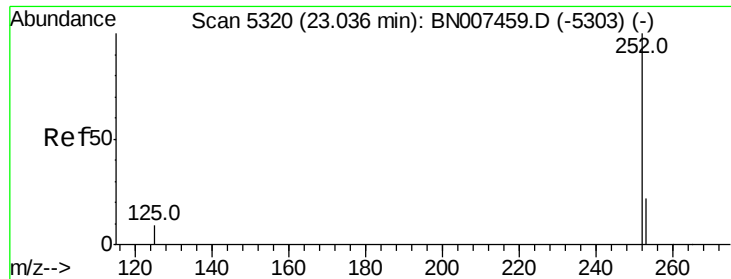
mohammad
8/29/2019 7:50:12 AM



#22
Benzo(k)fluoranthene
Concen: 0.036 ng/ul m
RT: 22.54 min Scan# 5152
Delta R.T. -0.01 min
Lab File: BN007465.D
Acq: 28 Aug 2019 13:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	50.2	18.7	28.1
125	100.0	12.4	18.6





#23

Benzo(a)pyrene

Concen: 0.044 ng/ul

RT: 23.04 min Scan# 5320

Delta R.T. -0.00 min

Lab File: BN007465.D

Acq: 28 Aug 2019 13:14

Instrument :

BNA_N

ClientSampleId :

C0AF2

Tot Ion:	252	Resp:	4404
Ion Ratio	Lower	Upper	
252	100		
253	45.9	19.0	28.6#
125	42.0	11.2	16.8#

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