

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008946.D
 Acq On : 12 Dec 2019 15:29
 Operator : JU
 Sample : K6089-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ0

Manual Integrations
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mohammad
 12/13/2019 9:07:38 AM

Quant Time: Dec 12 17:27:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 12 00:49:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2446	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10425	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	6721	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	15520	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	13638	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	14326	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2981	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	9259	0.20	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.90	152	1058	0.028	ng/ul#	84
12) Phenanthrene	16.97	178	5983	0.114	ng/ul	98
15) Fluoranthene	18.99	202	13894	0.216	ng/ul	98
17) Pyrene	19.36	202	13940	0.255	ng/ul	98
18) Benzo(a)anthracene	21.11	228	5702	0.104	ng/ul	94
19) Chrysene	21.17	228	8332m	0.155	ng/ul	
21) Benzo(b)fluoranthene	22.64	252	10333m	0.175	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	3415m	0.058	ng/ul	
23) Benzo(a)pyrene	23.18	252	6085	0.110	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.38	276	4427	0.068	ng/ul#	96
26) Benzo(g,h,i)perylene	26.02	276	4369	0.081	ng/ul	92

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

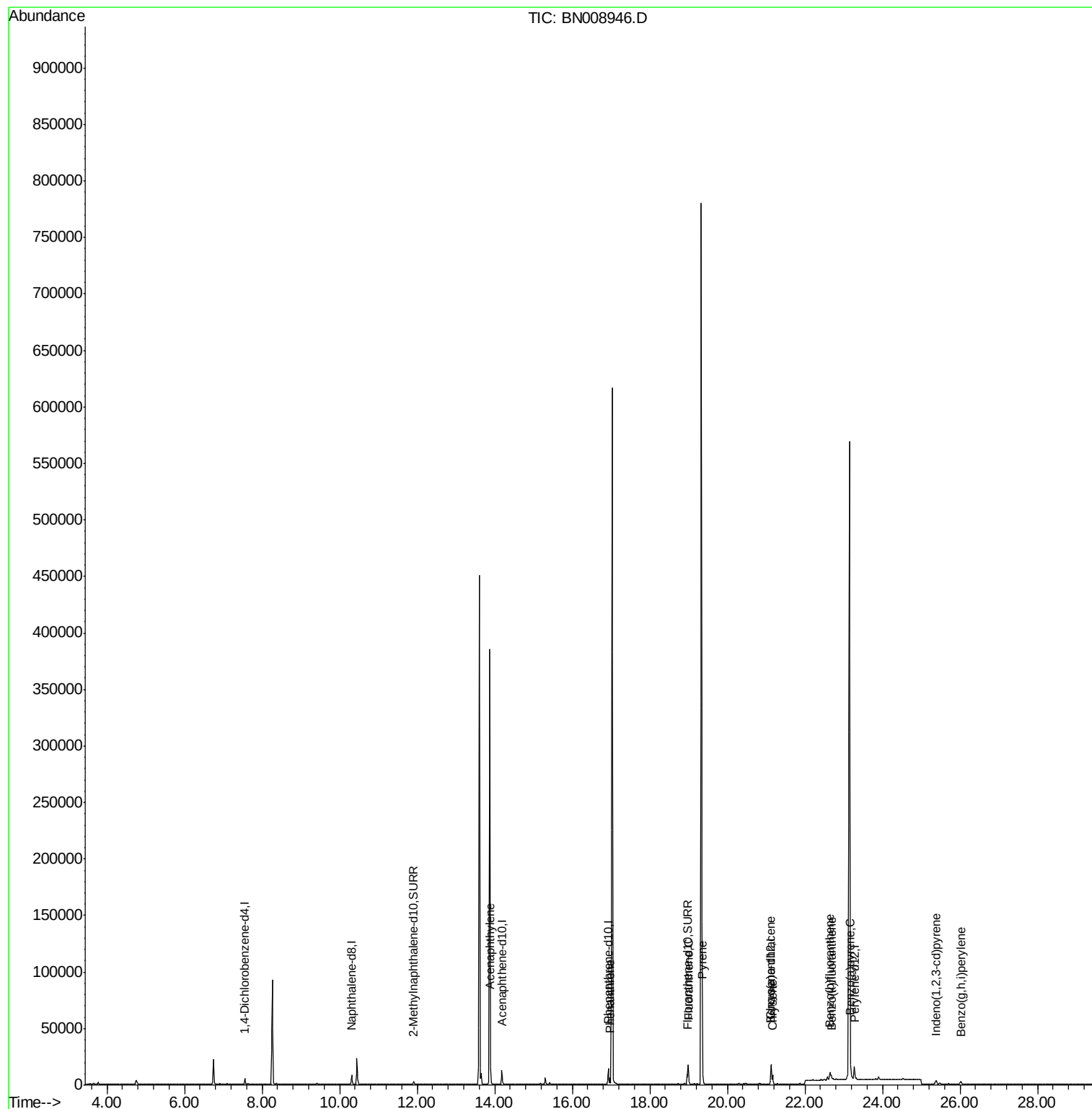
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008946.D
Acq On : 12 Dec 2019 15:29
Operator : JU
Sample : K6089-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

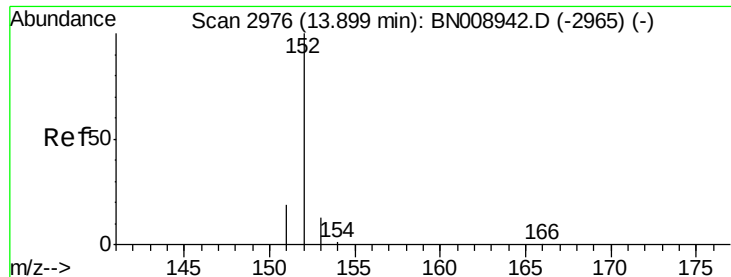
Instrument :
BNA_N
ClientSampleId :
C0BQ0

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Quant Time: Dec 12 17:27:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.028 ng/ul

RT: 13.90 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BN008946.D

Acq: 12 Dec 2019 15:29

Instrument :

BNA_N

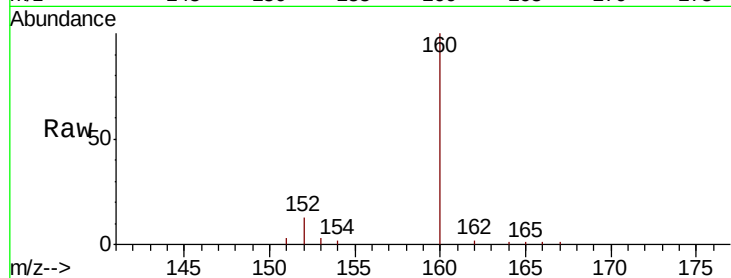
ClientSampleId :

C0BQ0

Tot Ion:	152	Resp:	1058
Ion Ratio	Lower	Upper	
152	100		
151	25.6	15.8	23.6#
153	21.8	10.6	15.8#

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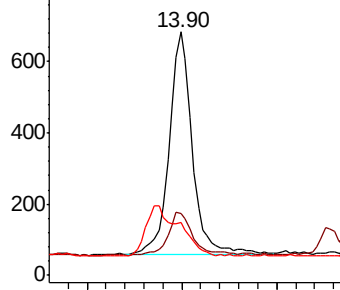


Abundance

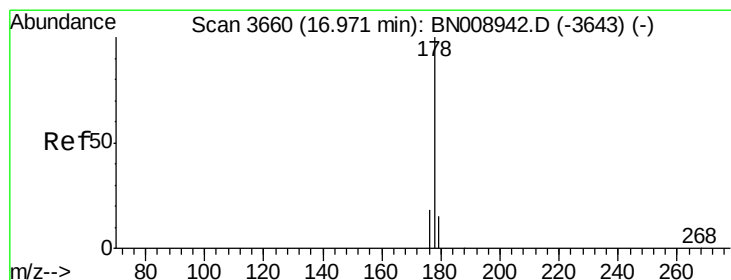
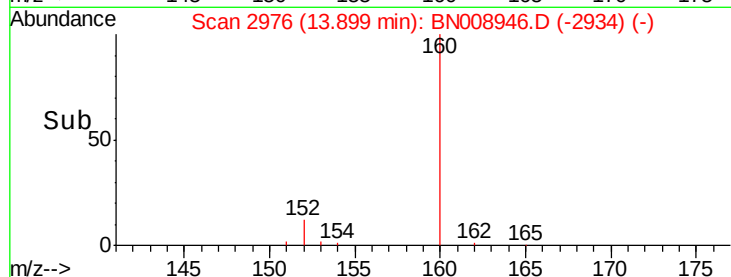
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#12

Phenanthrene

Concen: 0.114 ng/ul

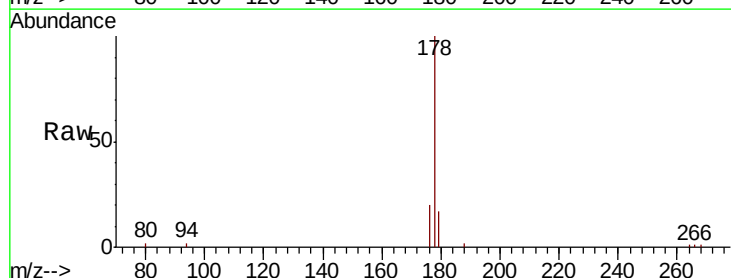
RT: 16.97 min Scan# 3659

Delta R.T. -0.00 min

Lab File: BN008946.D

Acq: 12 Dec 2019 15:29

Tgt Ion:	178	Resp:	5983
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.6	18.8
176	20.1	15.3	22.9

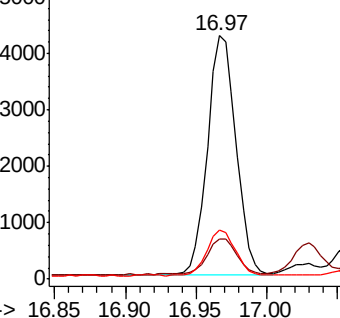


Abundance

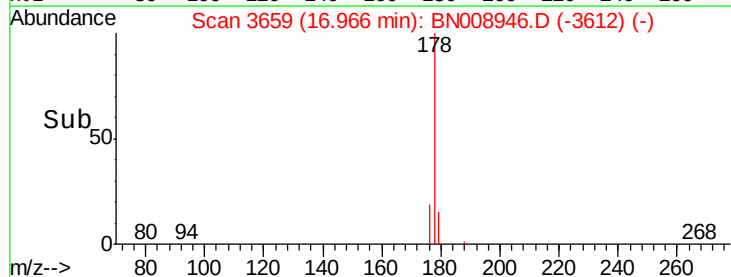
Ion 178.00 (177.70 to 178.70): E

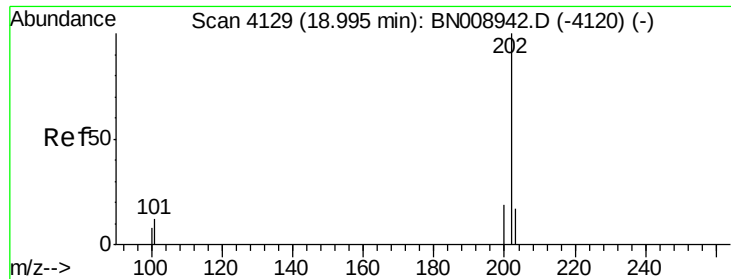
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#15

Fluoranthene

Concen: 0.216 ng/ul

RT: 18.99 min Scan# 4128

Delta R.T. -0.00 min

Lab File: BN008946.D

Acq: 12 Dec 2019 15:29

Instrument :

BNA_N

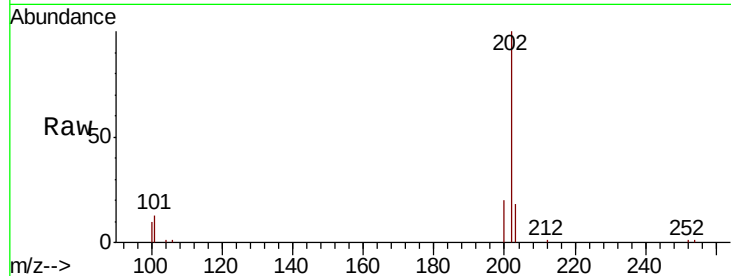
ClientSampleId :

C0BQ0

Tot Ion:	202	Resp:	13894
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	32.4
100	9.8	0.0	29.2

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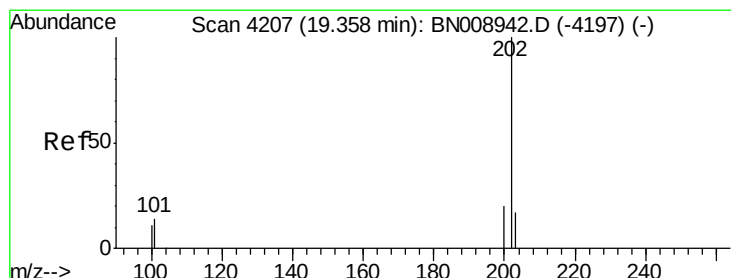
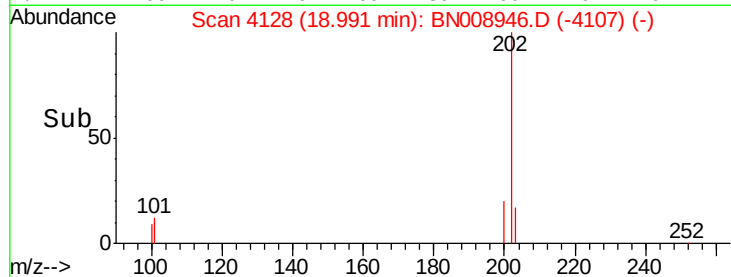
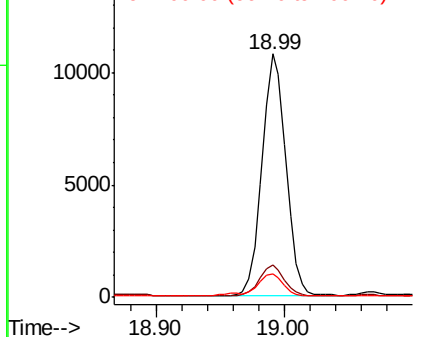


Abundance

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: 0.255 ng/ul

RT: 19.36 min Scan# 4207

Delta R.T. 0.00 min

Lab File: BN008946.D

Acq: 12 Dec 2019 15:29

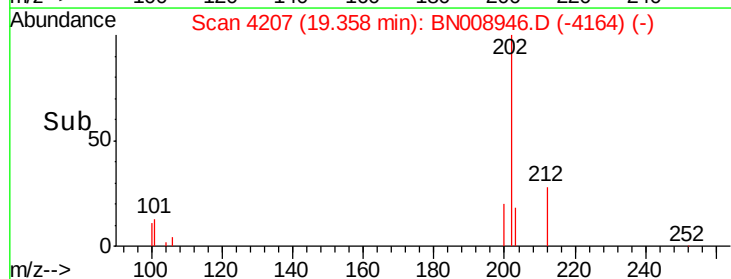
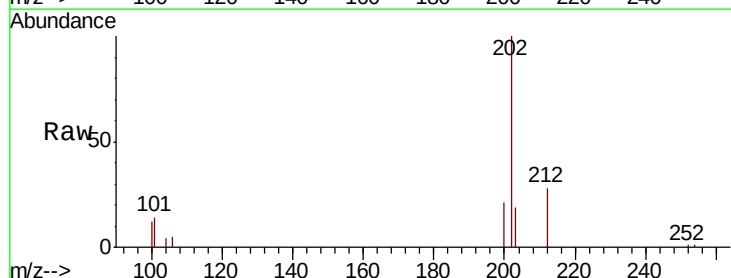
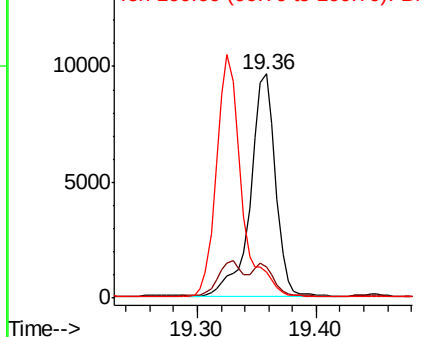
Tgt Ion:	202	Resp:	13940
Ion Ratio	Lower	Upper	
202	100		
101	14.1	12.2	18.4
100	11.8	9.5	14.3

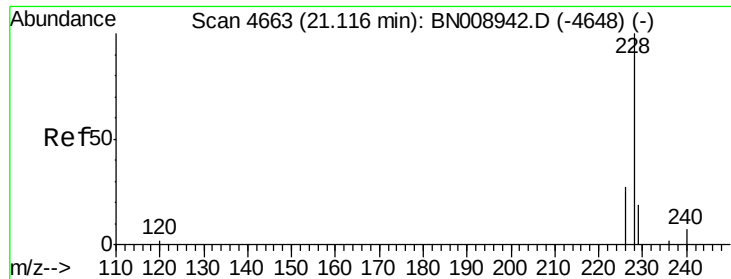
Abundance

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





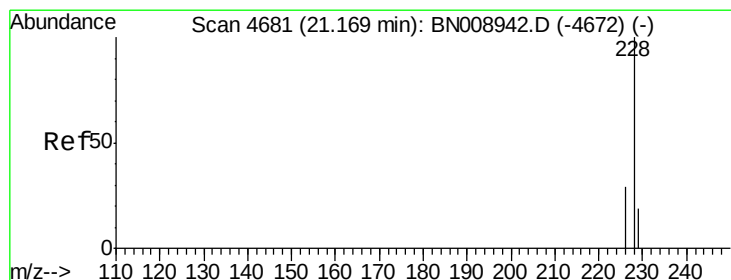
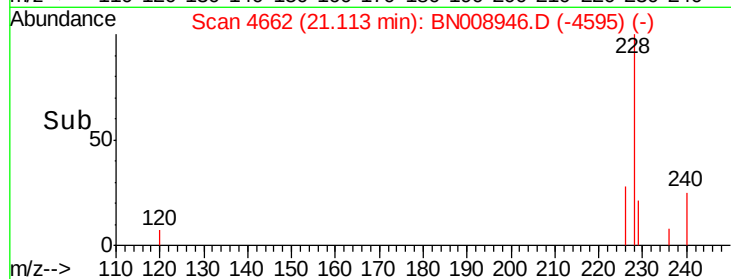
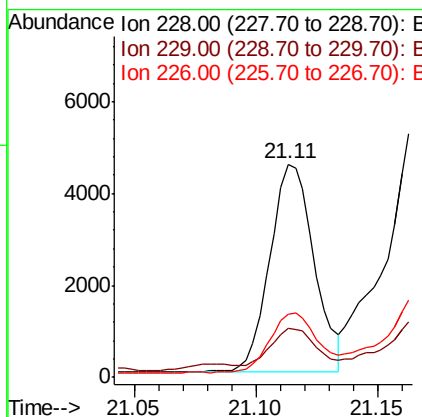
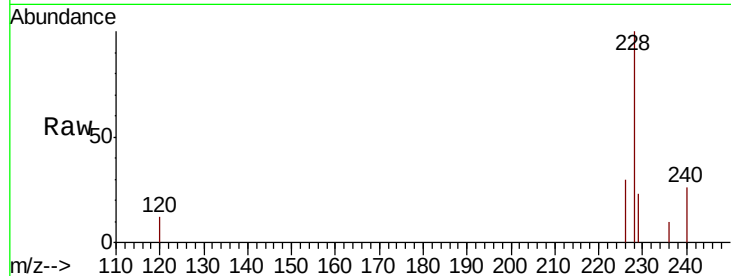
#18
Benzo(a)anthracene
Concen: 0.104 ng/ul
RT: 21.11 min Scan# 4662
Delta R.T. -0.01 min
Lab File: BN008946.D
Acq: 12 Dec 2019 15:29

Instrument :
BNA_N
ClientSampleId :
C0BQ0

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.7	23.5
226	29.8	21.5	32.3

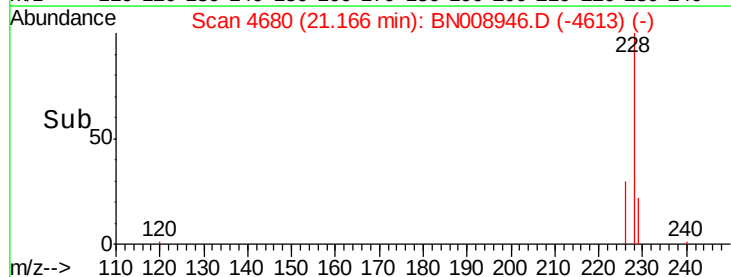
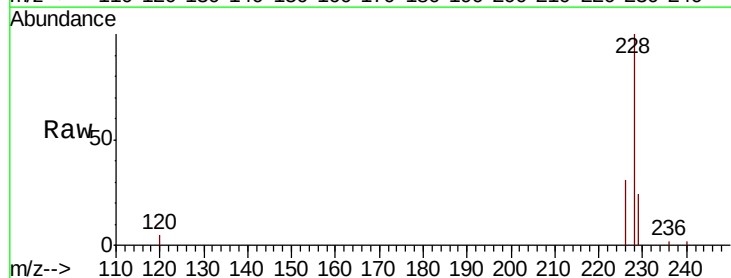
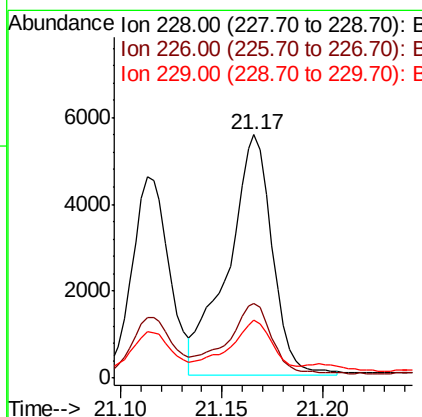
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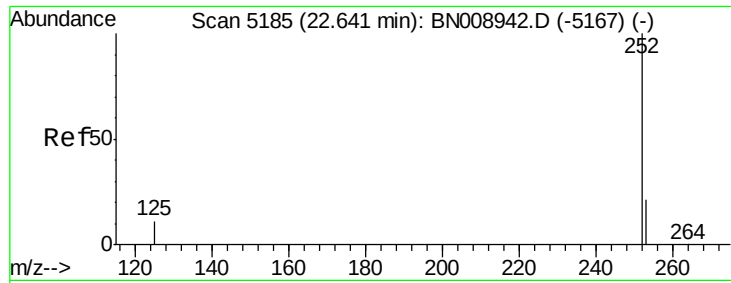
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#19
Chrysene
Concen: 0.155 ng/ul m
RT: 21.17 min Scan# 4680
Delta R.T. -0.01 min
Lab File: BN008946.D
Acq: 12 Dec 2019 15:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.6
229	23.7	15.6	23.4#





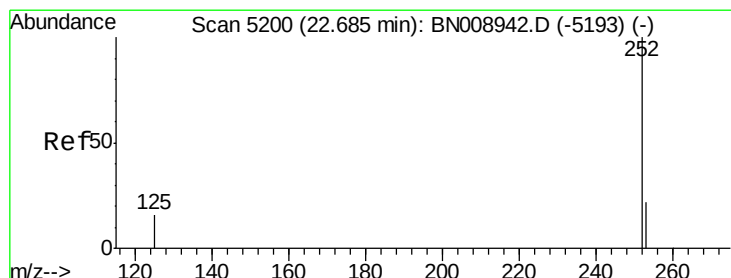
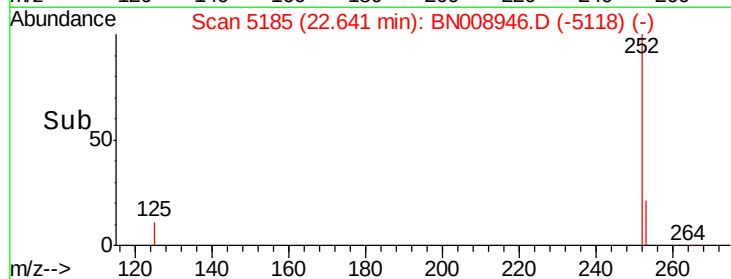
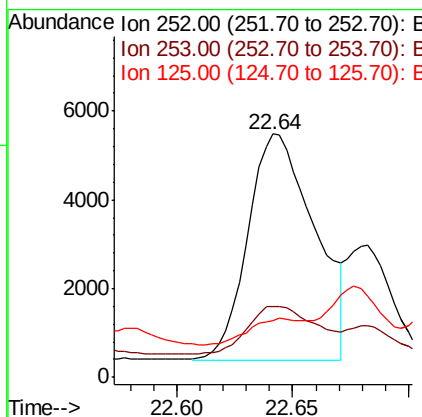
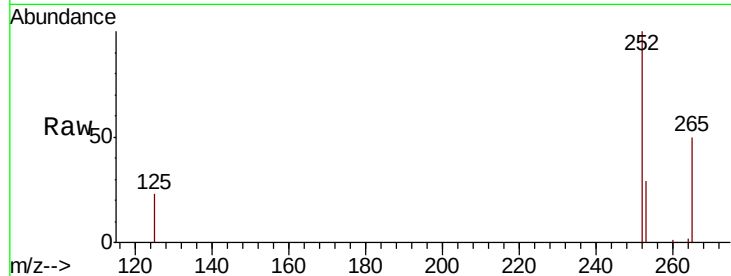
#21
Benzo(b)fluoranthene
Concen: 0.175 ng/ul m
RT: 22.64 min Scan# 5185
Delta R.T. -0.01 min
Lab File: BN008946.D
Acq: 12 Dec 2019 15:29

Instrument :
BNA_N
ClientSampleId :
C0BQ0

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	29.2	0.0	48.6
125	23.5	0.0	31.6

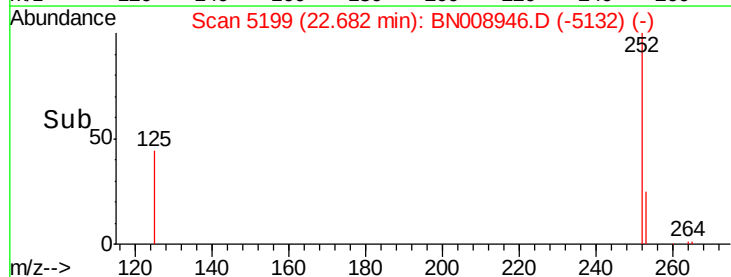
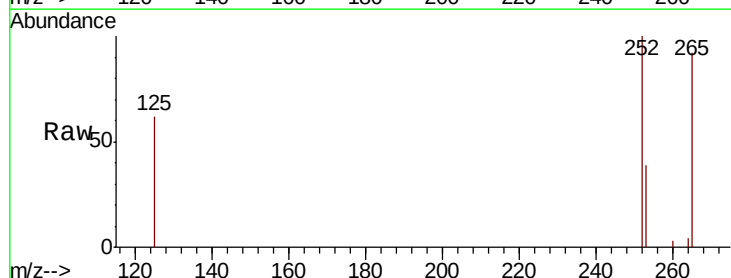
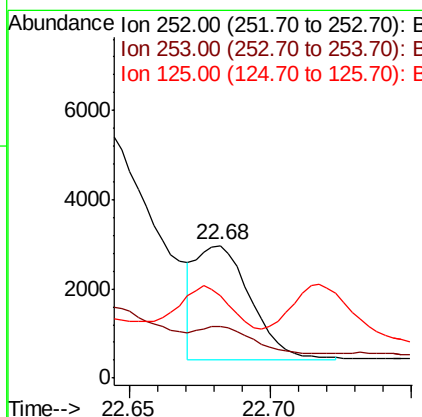
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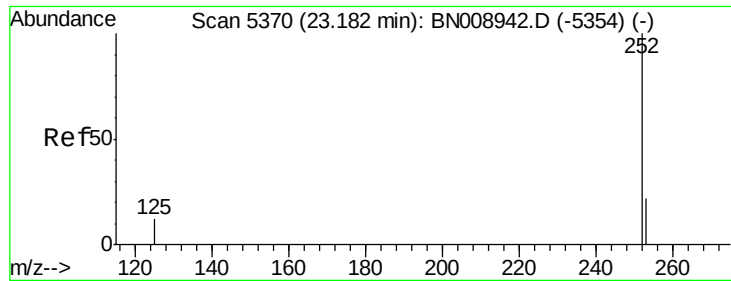
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#22
Benzo(k)fluoranthene
Concen: 0.058 ng/ul m
RT: 22.68 min Scan# 5199
Delta R.T. -0.01 min
Lab File: BN008946.D
Acq: 12 Dec 2019 15:29

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	39.0	19.6	29.4#
125	62.0	13.8	20.6#





#23

Benzo(a)pyrene

Concen: 0.110 ng/ul

RT: 23.18 min Scan# 5370

Delta R.T. -0.01 min

Lab File: BN008946.D

Acq: 12 Dec 2019 15:29

Instrument :

BNA_N

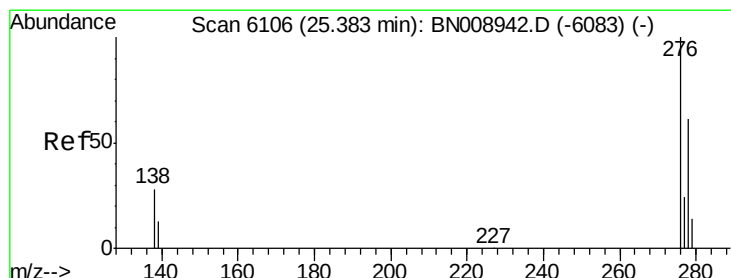
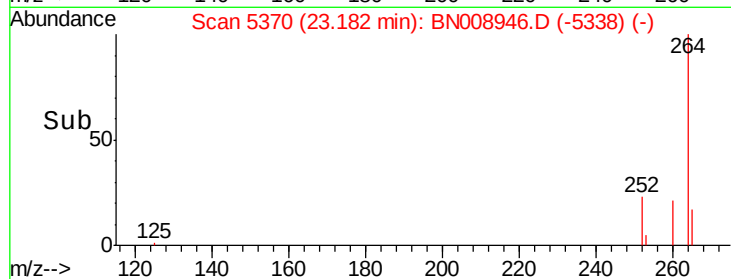
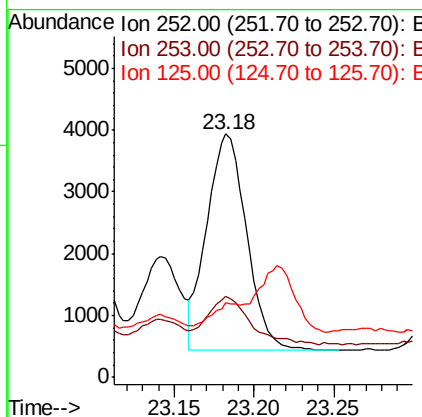
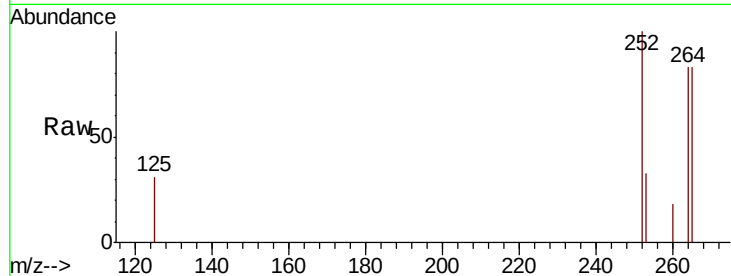
ClientSampleId :

C0BQ0

Tot Ion:	252	Resp:	6085
Ion Ratio	Lower	Upper	
252	100		
253	33.4	19.9	29.9#
125	30.7	14.6	22.0#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.068 ng/ul

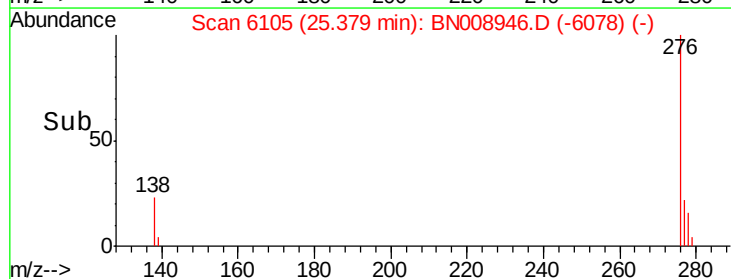
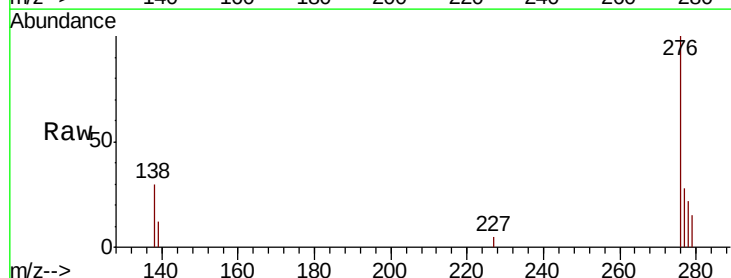
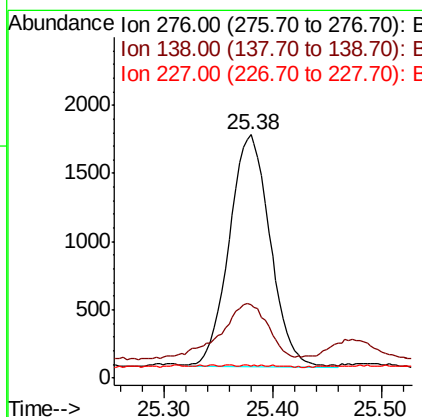
RT: 25.38 min Scan# 6105

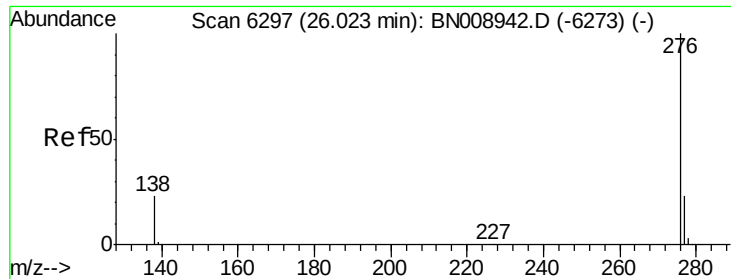
Delta R.T. -0.01 min

Lab File: BN008946.D

Acq: 12 Dec 2019 15:29

Tgt Ion:	276	Resp:	4427
Ion Ratio	Lower	Upper	
276	100		
138	27.3	23.8	35.6
227	0.1	0.2	0.2#





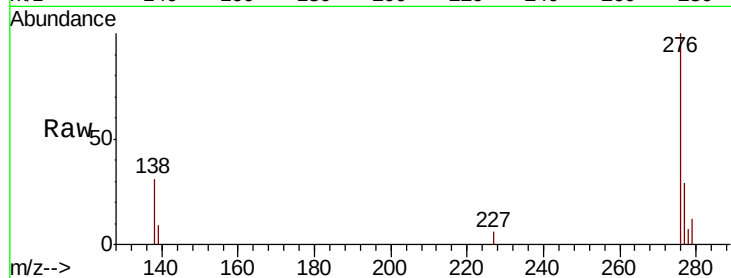
#26
 Benzo(a,h,i)perylene
 Concen: 0.081 ng/ul
 RT: 26.02 min Scan# 6295
 Delta R.T. -0.01 min
 Lab File: BN008946.D
 Acq: 12 Dec 2019 15:29

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ0

Tot Ion:	276	Resp:	4369
Ion Ratio	Lower	Upper	
276	100		
138	31.3	21.9	32.9
277	29.1	19.9	29.9

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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

