

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008932.D
 Acq On : 12 Dec 2019 00:07
 Operator : JU
 Sample : K6088-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BP5

Manual Integrations
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 12/12/2019 11:32:41 AM

Quant Time: Dec 12 02:49:28 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 01:20:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2473	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10758	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	6974	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	16292	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14542	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	14906	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2650	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	8974	0.18	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.90	152	1245	0.032	ng/ul#	84
12) Phenanthrene	16.97	178	8454	0.154	ng/ul	99
13) Anthracene	17.06	178	1091	0.021	ng/ul#	82
15) Fluoranthene	19.00	202	16450	0.244	ng/ul	100
17) Pyrene	19.36	202	15136	0.259	ng/ul	99
18) Benzo(a)anthracene	21.11	228	7217	0.123	ng/ul	95
19) Chrysene	21.17	228	7995	0.139	ng/ul	95
21) Benzo(b)fluoranthene	22.64	252	9617m	0.156	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	3845m	0.063	ng/ul	
23) Benzo(a)pyrene	23.18	252	6529	0.113	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.38	276	4237	0.063	ng/ul#	98
26) Benzo(g,h,i)perylene	26.02	276	3892	0.069	ng/ul	92

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

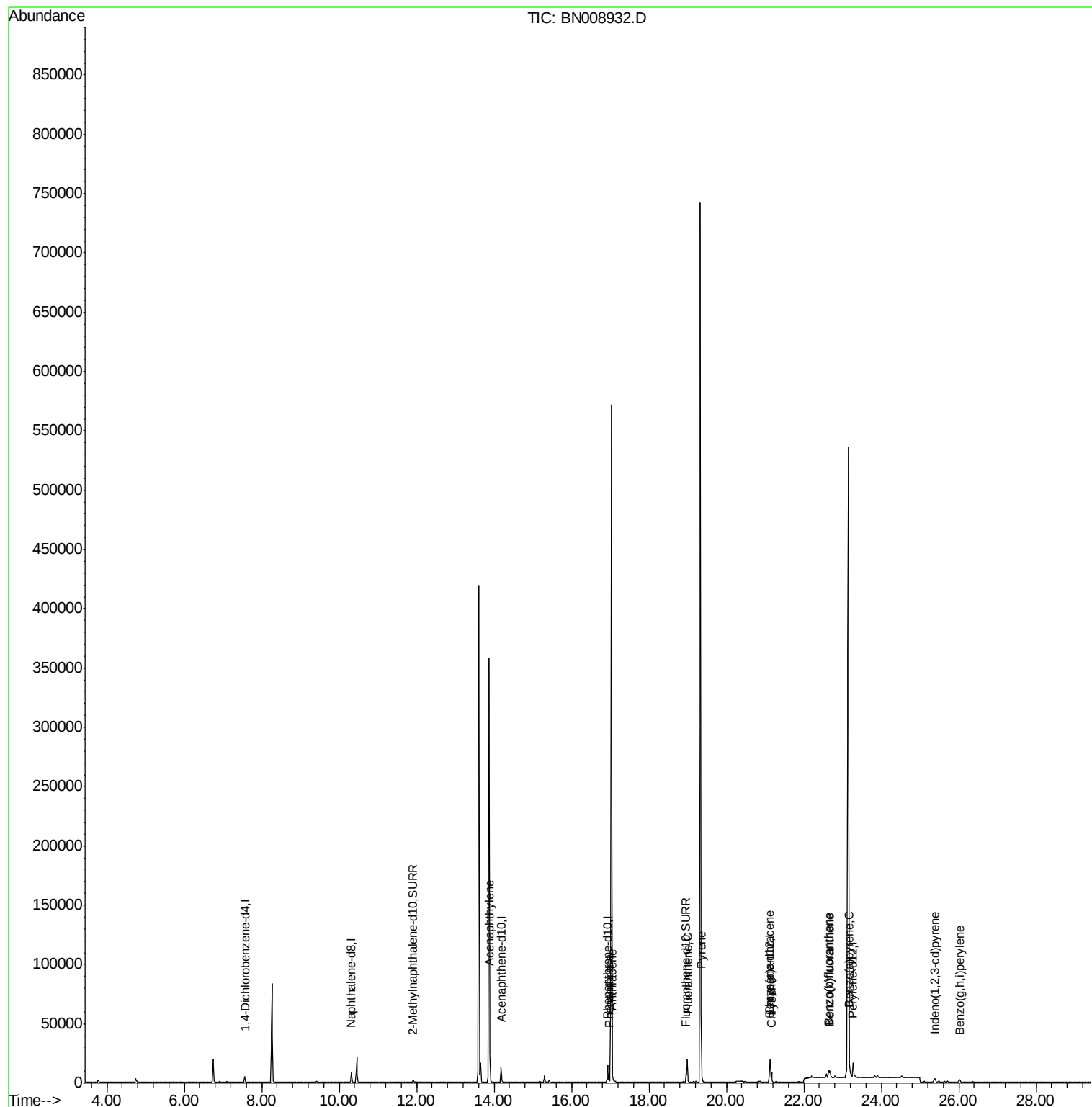
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008932.D
Acq On : 12 Dec 2019 00:07
Operator : JU
Sample : K6088-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

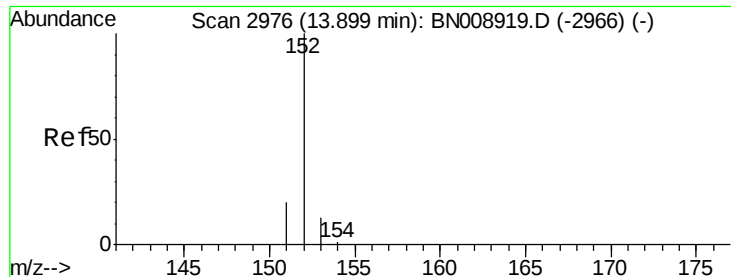
Instrument :
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C0BP5

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Quant Time: Dec 12 02:49:28 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 01:20:09 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.032 ng/ul

RT: 13.90 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BN008932.D

Acq: 12 Dec 2019 00:07

Instrument :

BNA_N

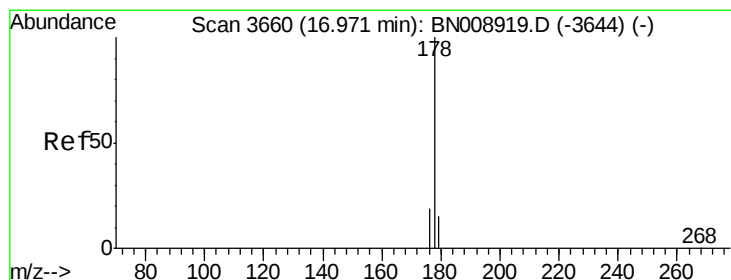
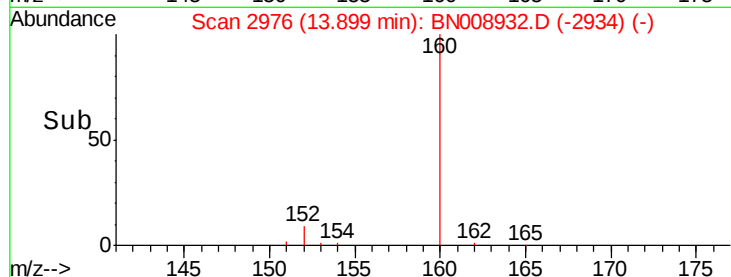
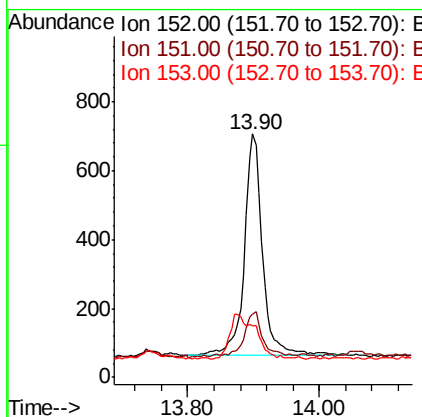
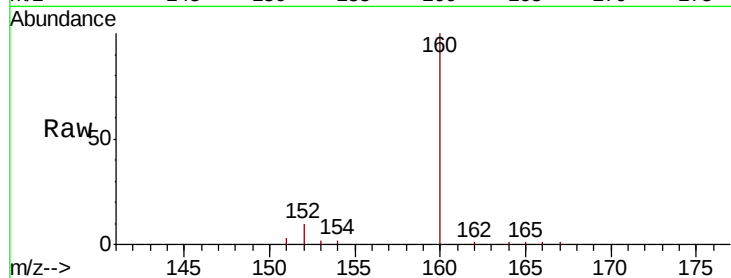
ClientSampleId :

C0BP5

Tot Ion:	152	Resp:	1245
Ion Ratio	Lower	Upper	
152	100		
151	26.0	15.8	23.6#
153	21.1	10.6	15.8#

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#12

Phenanthrene

Concen: 0.154 ng/ul

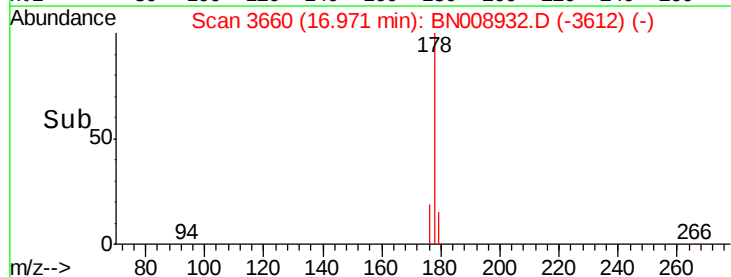
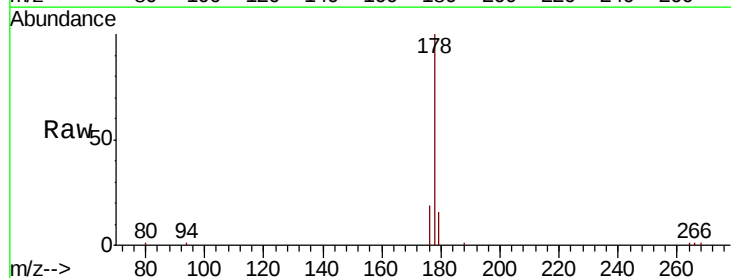
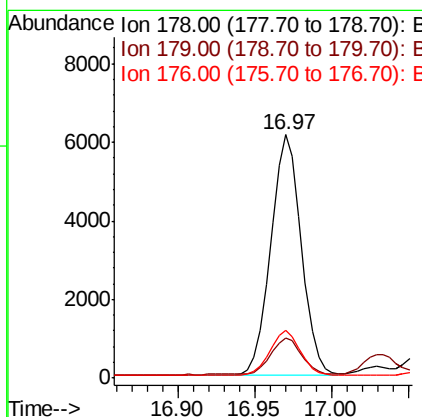
RT: 16.97 min Scan# 3660

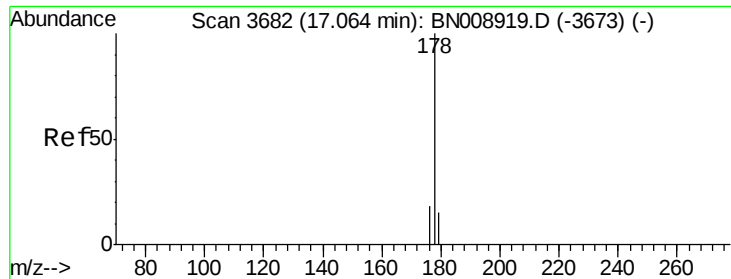
Delta R.T. 0.00 min

Lab File: BN008932.D

Acq: 12 Dec 2019 00:07

Tgt Ion:	178	Resp:	8454
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.6	18.8
176	19.5	15.3	22.9





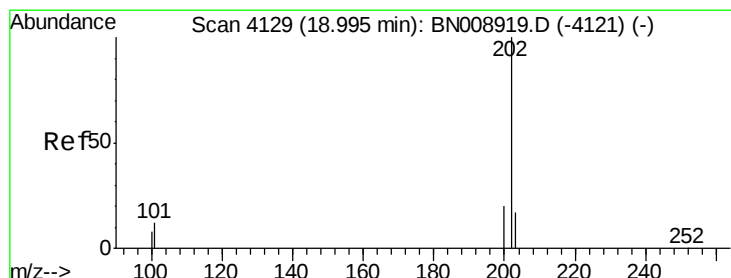
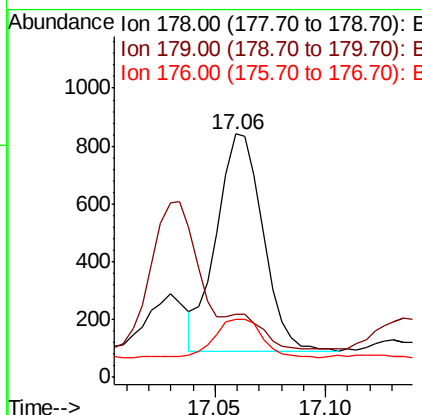
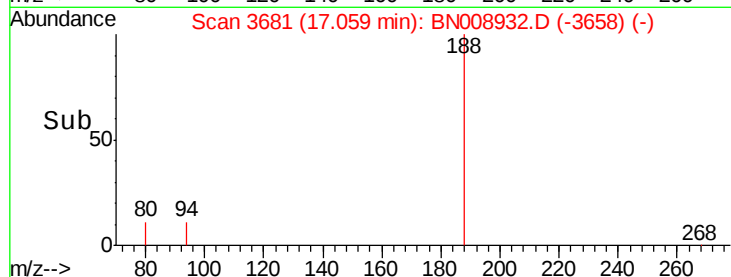
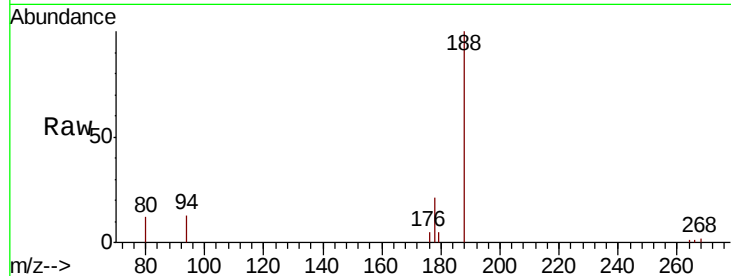
#13
 Anthracene
 Concen: 0.021 ng/ul
 RT: 17.06 min Scan# 3681
 Delta R.T. -0.00 min
 Lab File: BN008932.D
 Acq: 12 Dec 2019 00:07

Instrument :
 BNA_N
 ClientSampleId :
 C0BP5

Tot Ion:178 Resp: 1091
 Ion Ratio Lower Upper
 178 100
 179 26.0 12.2 18.4#
 176 23.8 14.7 22.1#

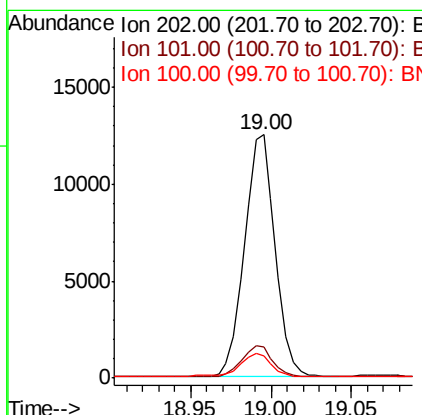
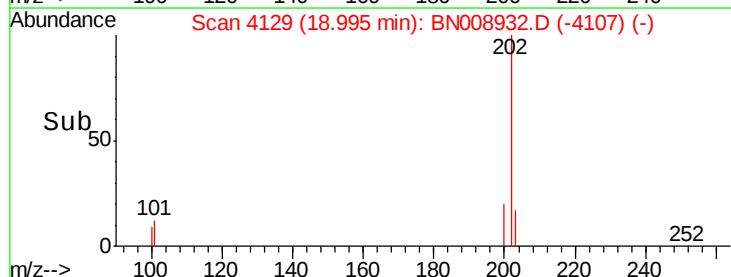
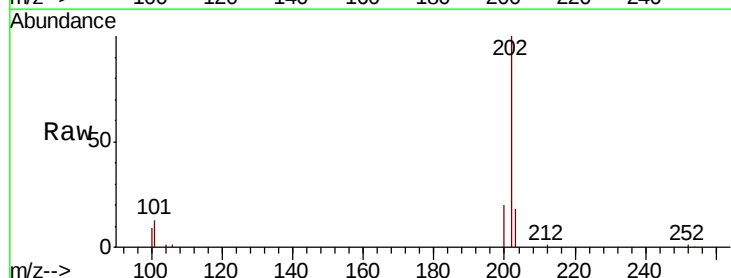
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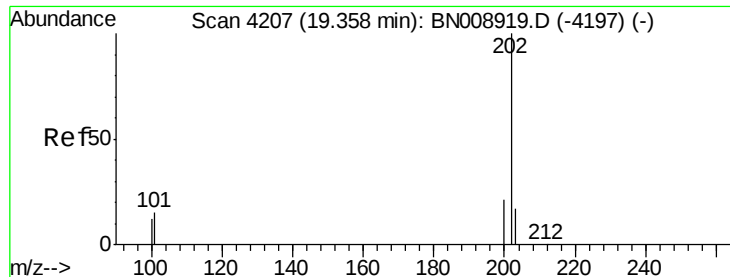
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#15
 Fluoranthene
 Concen: 0.244 ng/ul
 RT: 19.00 min Scan# 4129
 Delta R.T. 0.00 min
 Lab File: BN008932.D
 Acq: 12 Dec 2019 00:07

Tgt Ion:202 Resp: 16450
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 32.4
 100 9.3 0.0 29.2





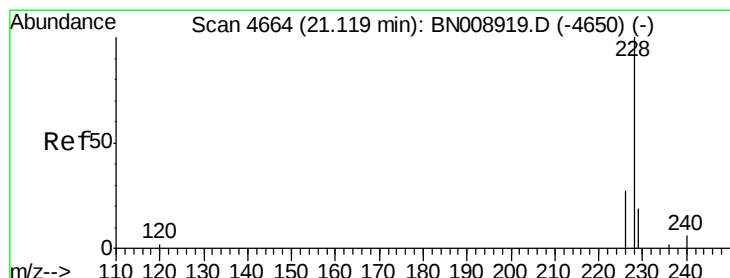
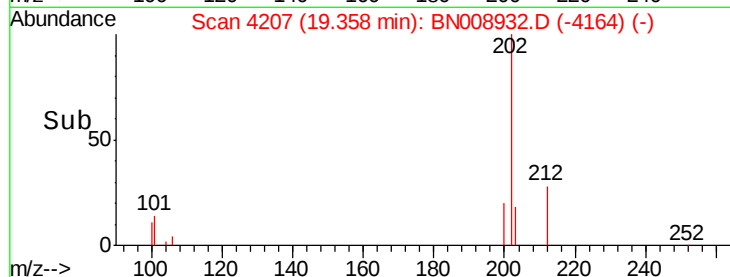
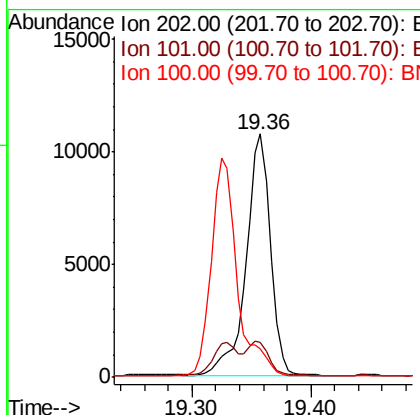
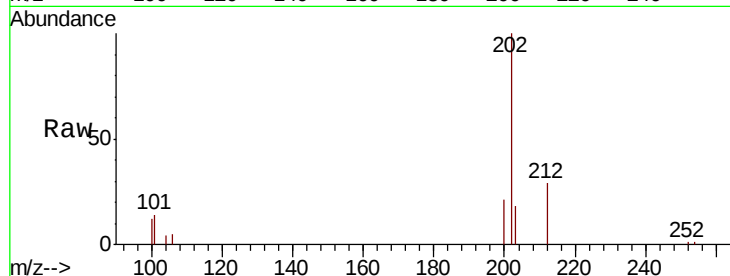
#17
Pvrene
Concen: 0.259 ng/ul
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008932.D
Acq: 12 Dec 2019 00:07

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	14.5	12.2	18.4
100	11.9	9.5	14.3

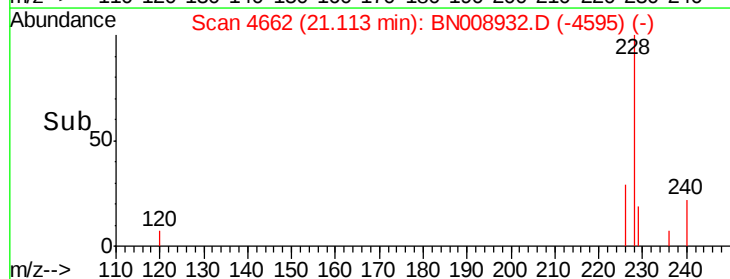
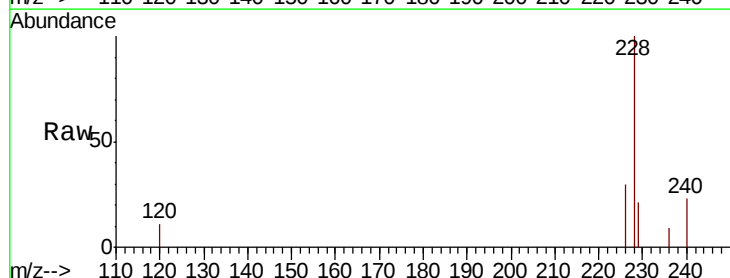
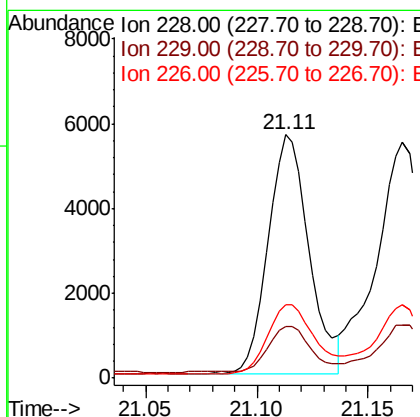
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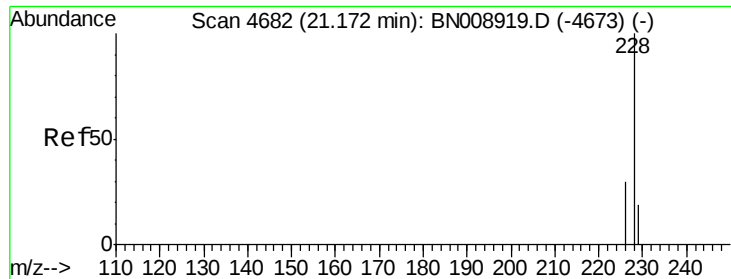
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#18
Benzo(a)anthracene
Concen: 0.123 ng/ul
RT: 21.11 min Scan# 4662
Delta R.T. -0.01 min
Lab File: BN008932.D
Acq: 12 Dec 2019 00:07

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.7	23.5
226	30.0	21.5	32.3





#19

Chrysene

Concen: 0.139 ng/ul

RT: 21.17 min Scan# 4680

Delta R.T. -0.01 min

Lab File: BN008932.D

Acq: 12 Dec 2019 00:07

Instrument :

BNA_N

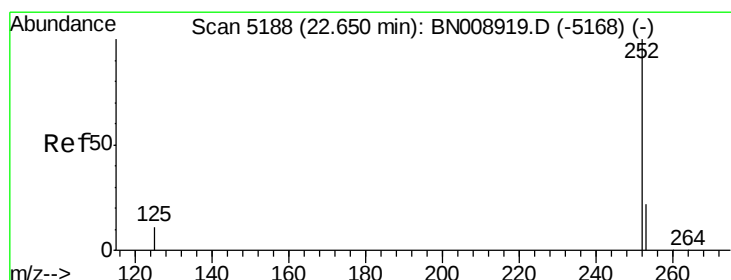
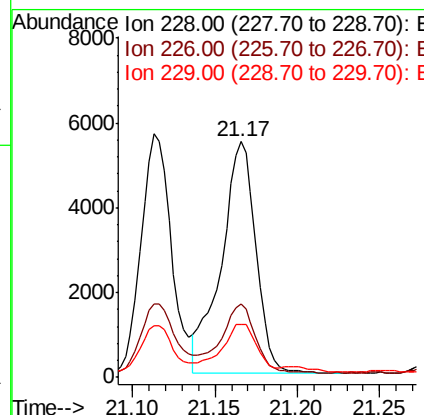
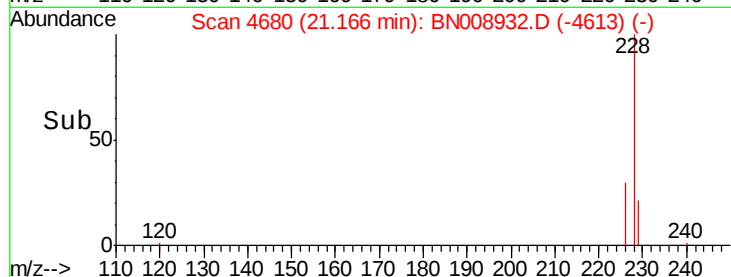
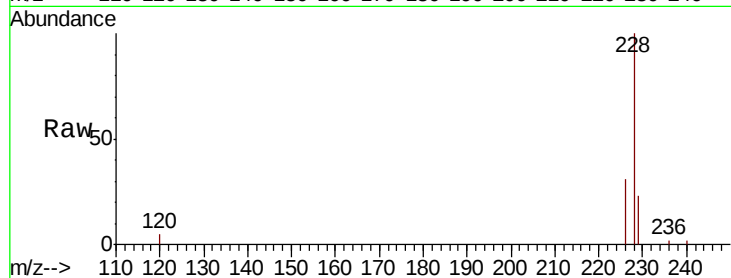
ClientSampleId :

C0BP5

Tot Ion:	228	Resp:	7995
Ion Ratio	Lower	Upper	
228	100		
226	31.3	23.8	35.6
229	22.7	15.6	23.4

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#21

Benzo(b)fluoranthene

Concen: 0.156 ng/ul m

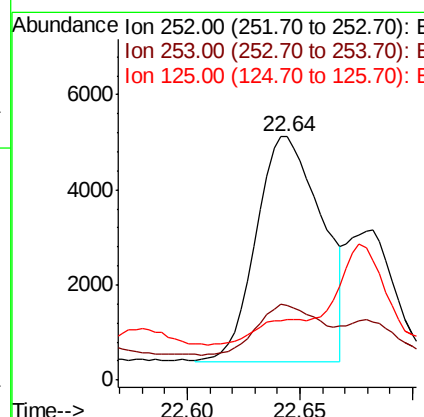
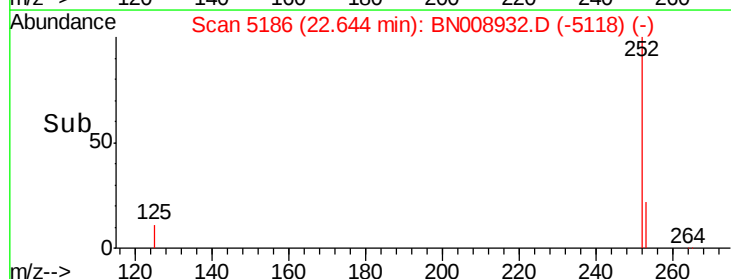
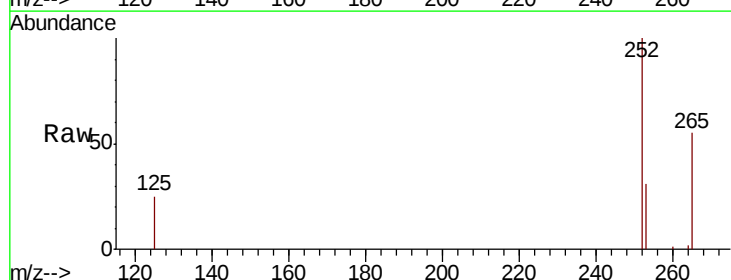
RT: 22.64 min Scan# 5186

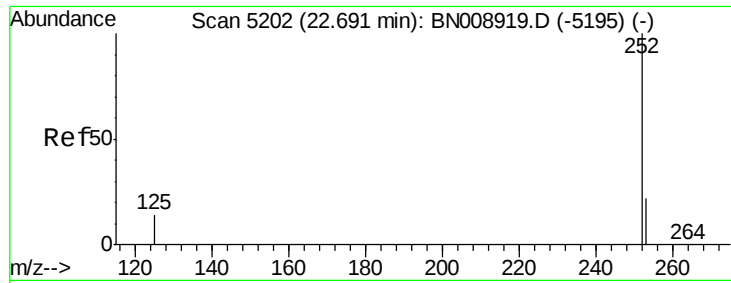
Delta R.T. -0.00 min

Lab File: BN008932.D

Acq: 12 Dec 2019 00:07

Tgt Ion:	252	Resp:	9617
Ion Ratio	Lower	Upper	
252	100		
253	30.8	0.0	48.6
125	25.0	0.0	31.6





#22

Benzo(k)fluoranthene

Concen: 0.063 ng/ul m

RT: 22.68 min Scan# 5199

Delta R.T. -0.01 min

Lab File: BN008932.D

Acq: 12 Dec 2019 00:07

Instrument :

BNA_N

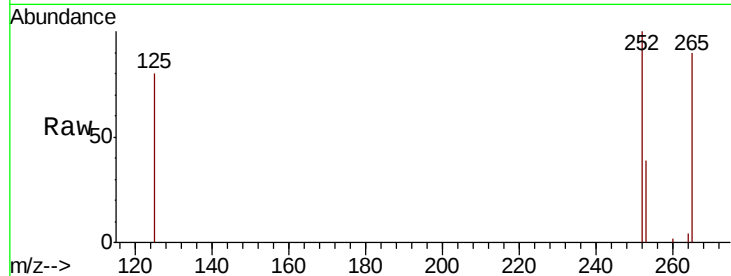
ClientSampleId :

C0BP5

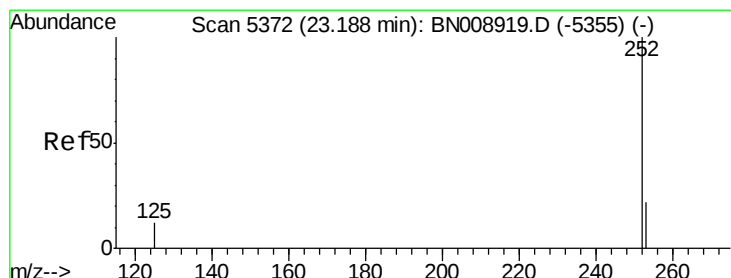
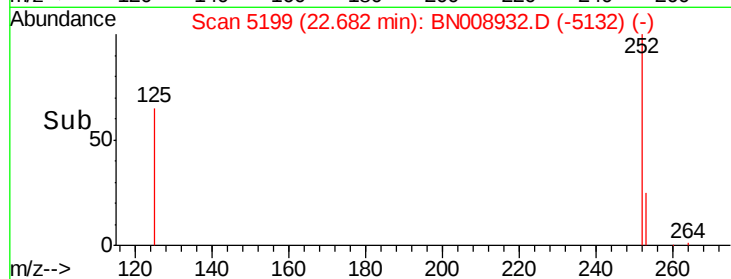
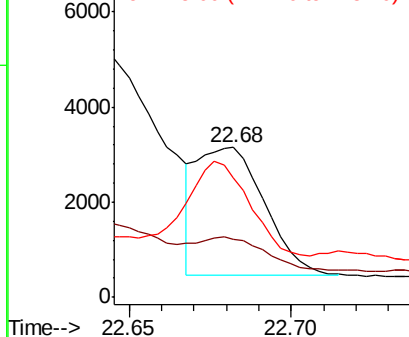
Tot Ion:	252	Resp:	3845
Ion Ratio	Lower	Upper	
252	100		
253	39.2	19.6	29.4#
125	79.9	13.8	20.6#

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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



#23

Benzo(a)pyrene

Concen: 0.113 ng/ul

RT: 23.18 min Scan# 5370

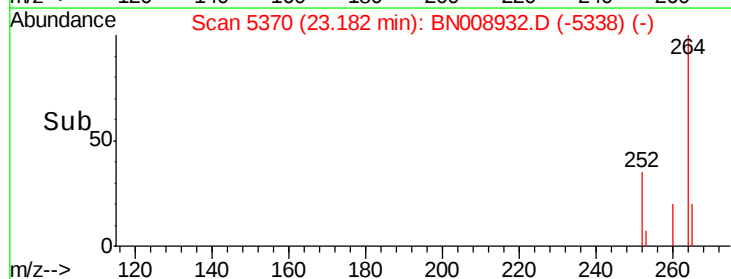
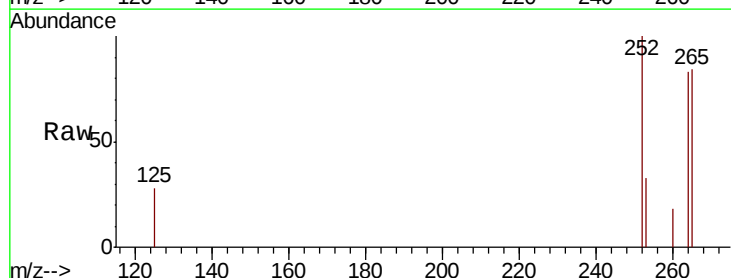
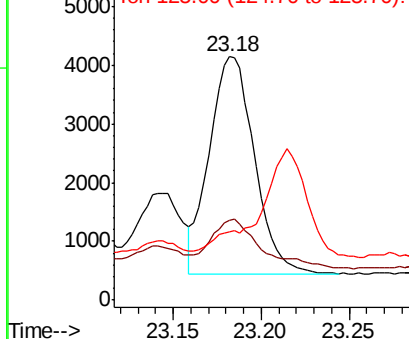
Delta R.T. -0.01 min

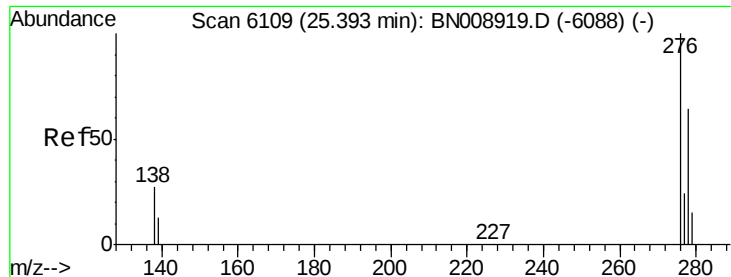
Lab File: BN008932.D

Acq: 12 Dec 2019 00:07

Tgt Ion:	252	Resp:	6529
Ion Ratio	Lower	Upper	
252	100		
253	32.6	19.9	29.9#
125	27.8	14.6	22.0#

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





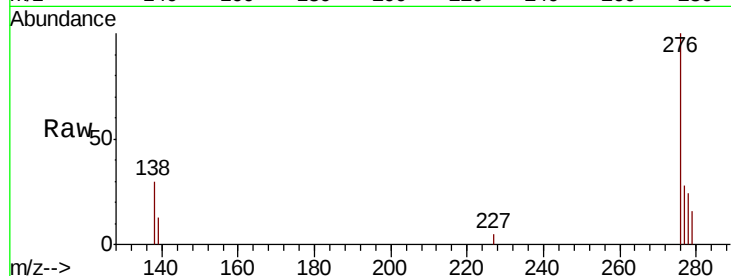
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.063 ng/u1
RT: 25.38 min Scan# 6105
Delta R.T. -0.01 min
Lab File: BN008932.D
Acq: 12 Dec 2019 00:07

Instrument :
BNA_N
ClientSampleId :
C0BP5

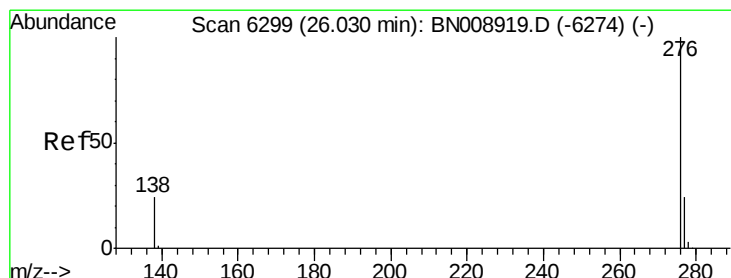
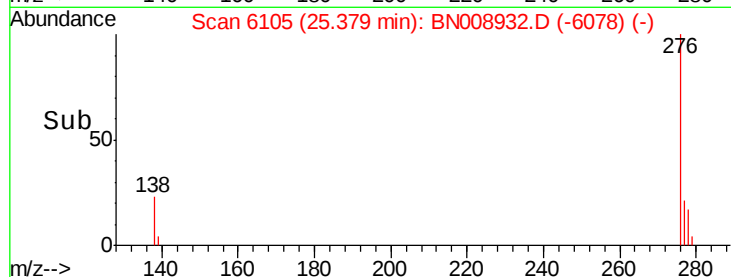
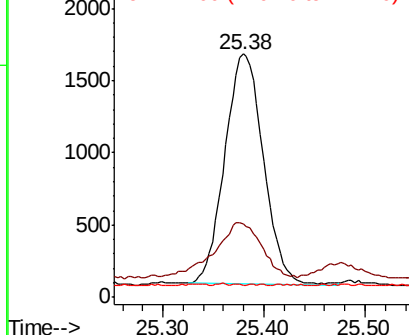
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.4	23.8	35.6
227	0.1	0.2	0.2

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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



#26
Benzo(g,h,i)perylene
Concen: 0.069 ng/u1
RT: 26.02 min Scan# 6295
Delta R.T. -0.01 min
Lab File: BN008932.D
Acq: 12 Dec 2019 00:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.7	21.9	32.9
277	29.1	19.9	29.9

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

