

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008921.D
 Acq On : 11 Dec 2019 17:35
 Operator : JU
 Sample : K6088-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BN3

Manual Integrations
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mohammad
 12/12/2019 11:27:15 AM

Quant Time: Dec 12 01:26:13 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 : Wed Dec 11 10:35:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2195	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	9537	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	6208	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	14369	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	12861	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	14290	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2552	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	8396	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	1053	0.037	ng/ul#	82
5) 2-Methylnaphthalene	11.98	142	1174	0.058	ng/ul	97
12) Phenanthrene	16.97	178	3266	0.067	ng/ul	96
15) Fluoranthene	19.00	202	3030	0.051	ng/ul	94
17) Pyrene	19.36	202	2995m	0.058	ng/ul	
18) Benzo(a)anthracene	21.12	228	2163	0.042	ng/ul#	89
19) Chrysene	21.17	228	3014	0.059	ng/ul#	91
21) Benzo(b)fluoranthene	22.65	252	3617m	0.061	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	1410m	0.024	ng/ul	
23) Benzo(a)pyrene	23.19	252	1976	0.036	ng/ul#	32
24) Indeno(1,2,3-cd)pyrene	25.39	276	1378	0.021	ng/ul#	77
26) Benzo(g,h,i)perylene	26.03	276	1199	0.022	ng/ul#	66

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

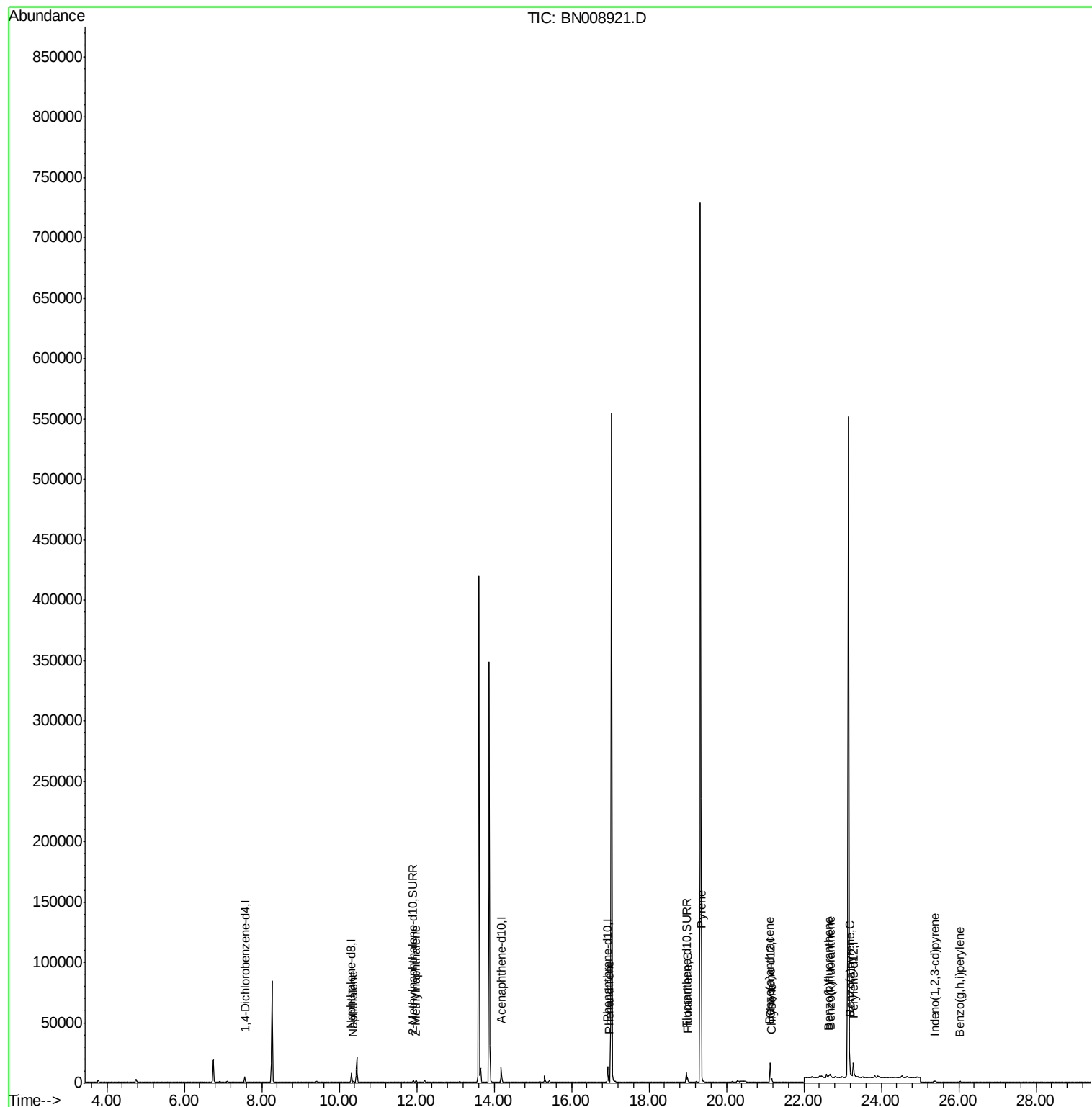
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008921.D
Acq On : 11 Dec 2019 17:35
Operator : JU
Sample : K6088-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

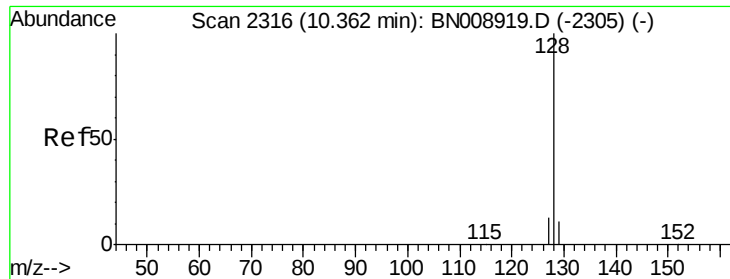
Instrument :
BNA_N
ClientSampleId :
C0BN3

Quant Time: Dec 12 01:26:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 11 10:35:08 2019
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.037 ng/ul

RT: 10.36 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BN008921.D

Acq: 11 Dec 2019 17:35

Instrument :

BNA_N

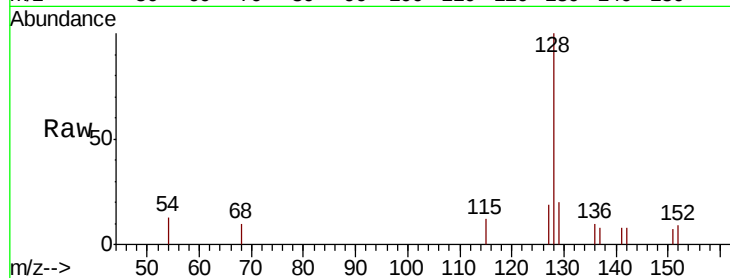
ClientSampleId :

COBN3

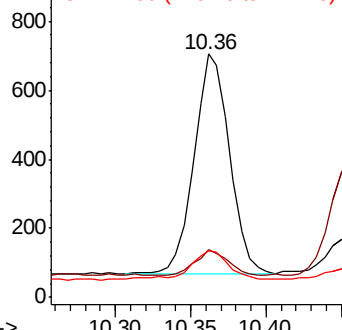
Tot Ion:	128	Resp:	1053
Ion Ratio	Lower	Upper	
128	100		
129	19.8	9.1	13.7#
127	19.1	10.7	16.1#

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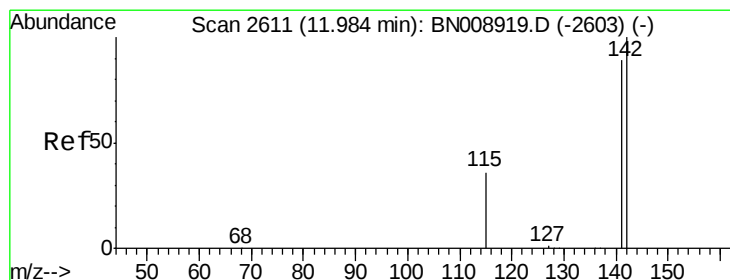
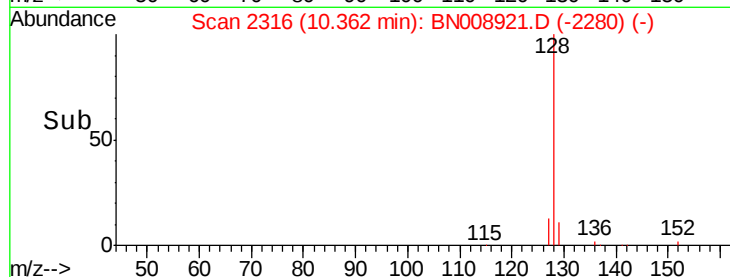
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.058 ng/ul

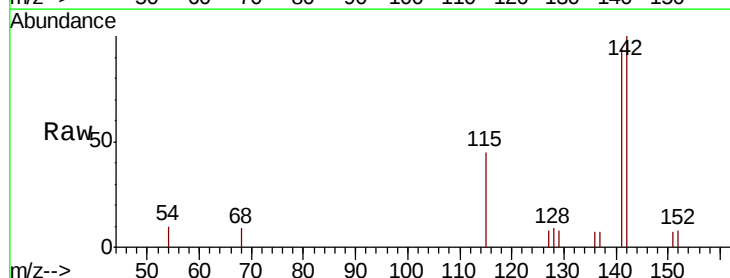
RT: 11.98 min Scan# 2611

Delta R.T. -0.00 min

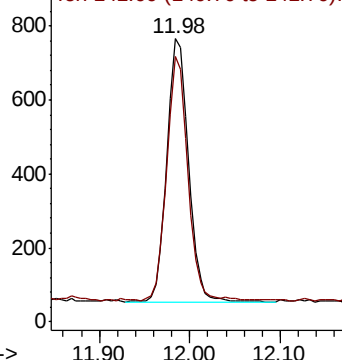
Lab File: BN008921.D

Acq: 11 Dec 2019 17:35

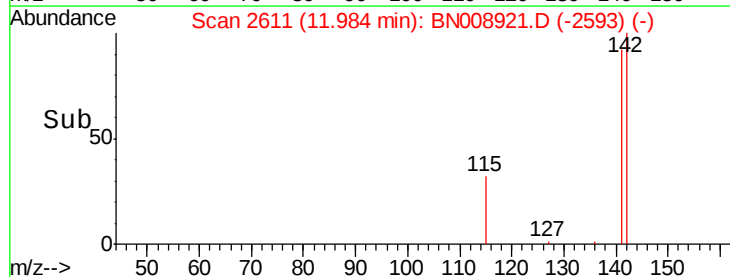
Tgt Ion:	142	Resp:	1174
Ion Ratio	Lower	Upper	
142	100		
141	89.9	70.1	105.1

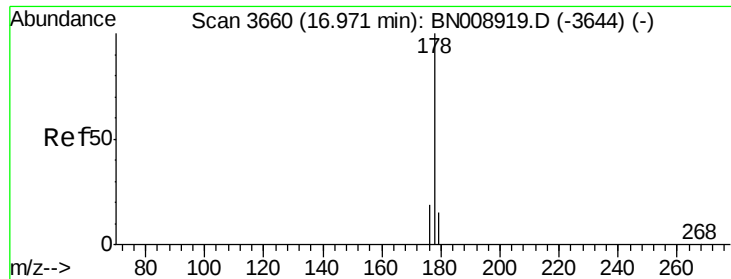


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#12

Phenanthrene

Concen: 0.067 ng/ul

RT: 16.97 min Scan# 3660

Delta R.T. 0.00 min

Lab File: BN008921.D

Acq: 11 Dec 2019 17:35

Instrument :

BNA_N

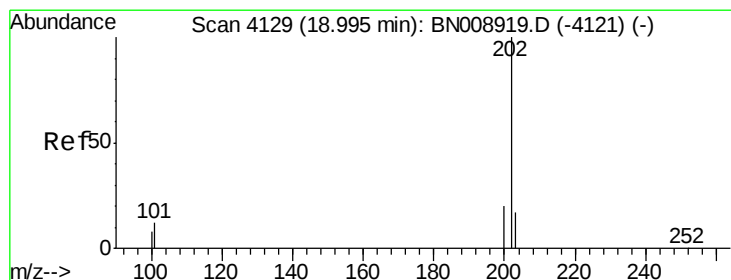
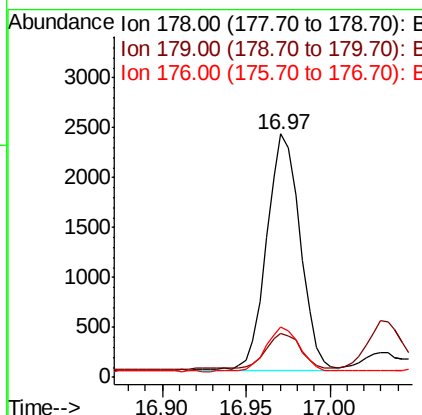
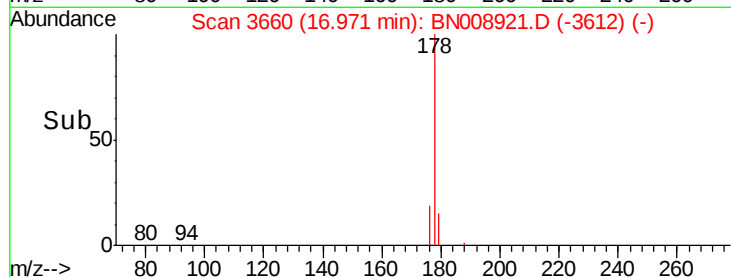
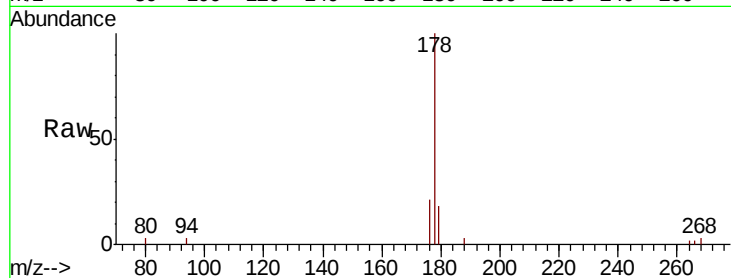
ClientSampleId :

C0BN3

Tot Ion:178	Resp:	3266
Ion Ratio	Lower	Upper
178	100	
179	18.0	12.6 18.8
176	20.6	15.3 22.9

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#15

Fluoranthene

Concen: 0.051 ng/ul

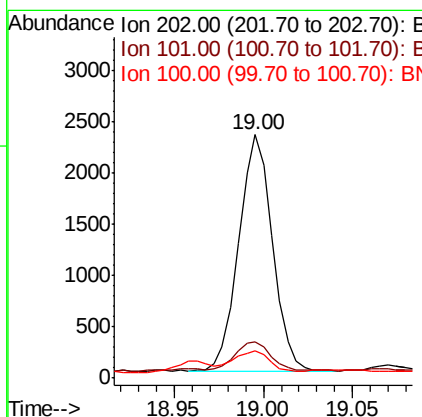
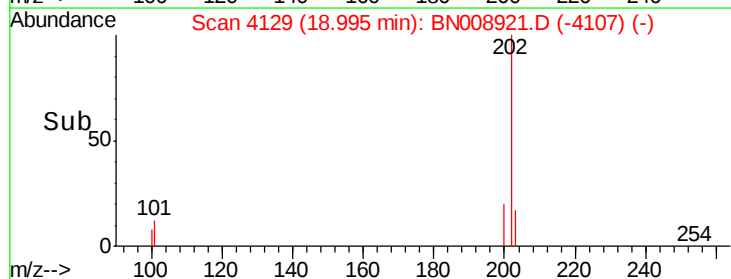
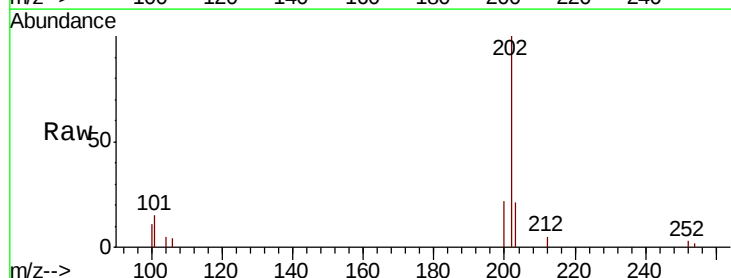
RT: 19.00 min Scan# 4129

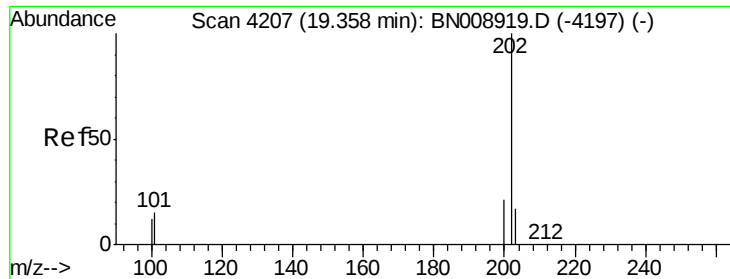
Delta R.T. 0.00 min

Lab File: BN008921.D

Acq: 11 Dec 2019 17:35

Tgt Ion:202	Resp:	3030
Ion Ratio	Lower	Upper
202	100	
101	15.0	0.0 32.4
100	11.1	0.0 29.2





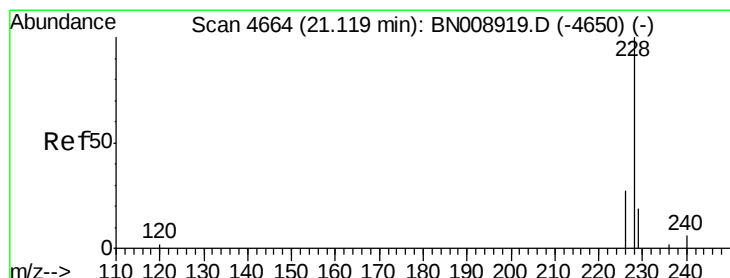
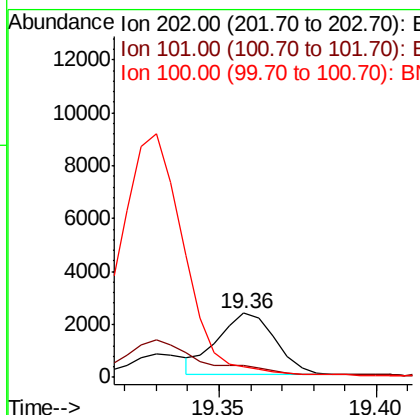
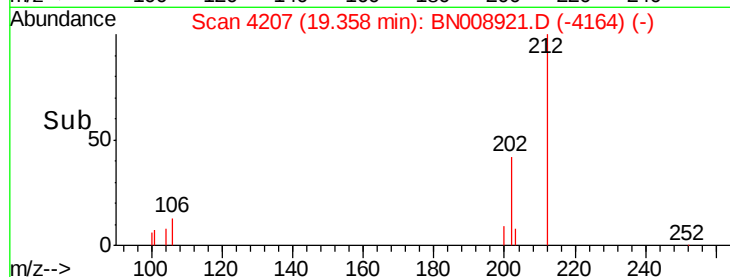
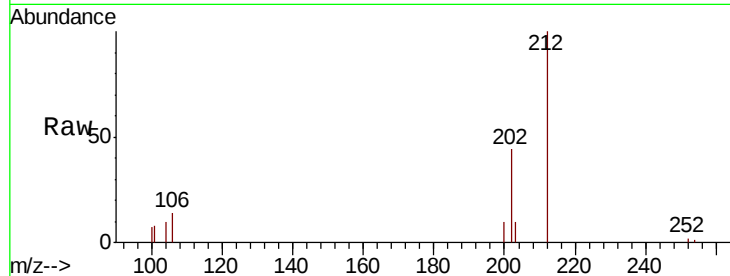
#17
Pvrene
Concen: 0.058 ng/ul m
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008921.D
Acq: 11 Dec 2019 17:35

Instrument :
BNA_N
ClientSampleId :
COBN3

Tot Ion	Ratio	Lower	Upper
202	100		
101	18.7	12.2	18.4#
100	16.4	9.5	14.3#

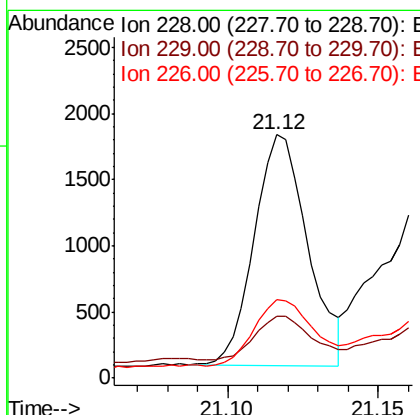
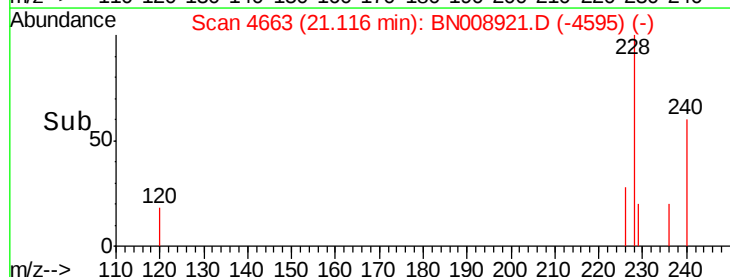
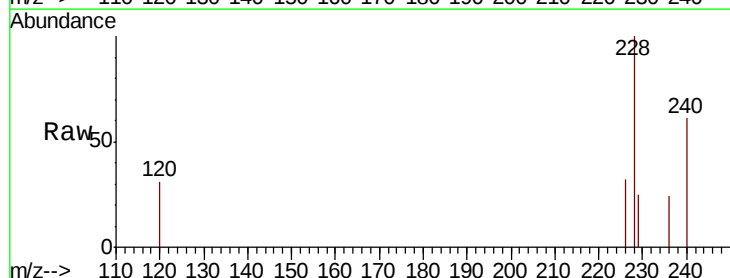
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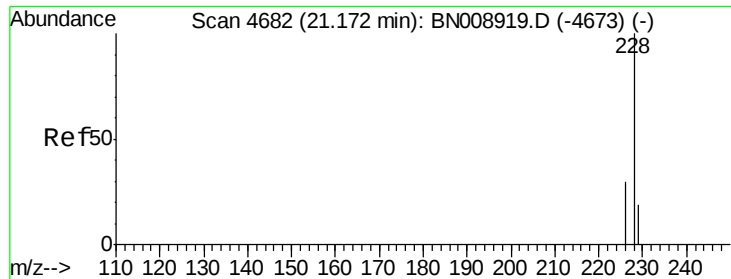
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#18
Benzo(a)anthracene
Concen: 0.042 ng/ul
RT: 21.12 min Scan# 4663
Delta R.T. -0.00 min
Lab File: BN008921.D
Acq: 11 Dec 2019 17:35

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.5	15.7	23.5#
226	32.2	21.5	32.3





#19

Chrysene

Concen: 0.059 ng/ul

RT: 21.17 min Scan# 4681

Delta R.T. -0.00 min

Lab File: BN008921.D

Acq: 11 Dec 2019 17:35

Instrument :

BNA_N

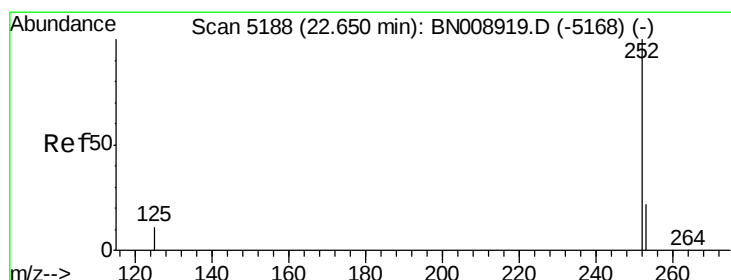
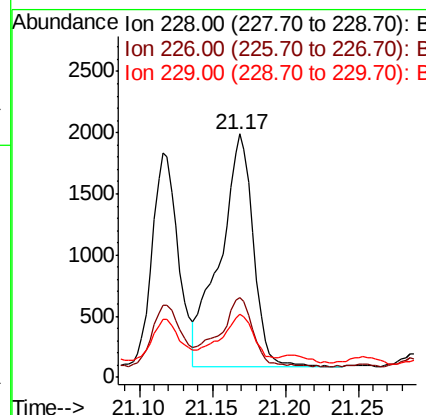
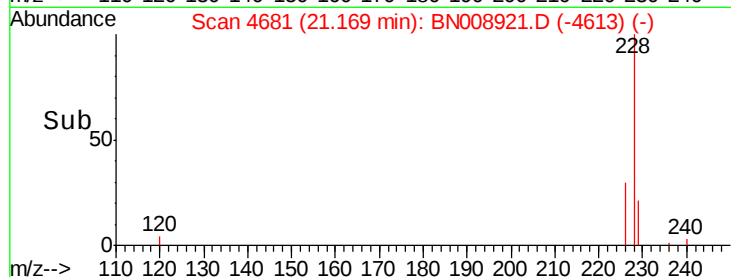
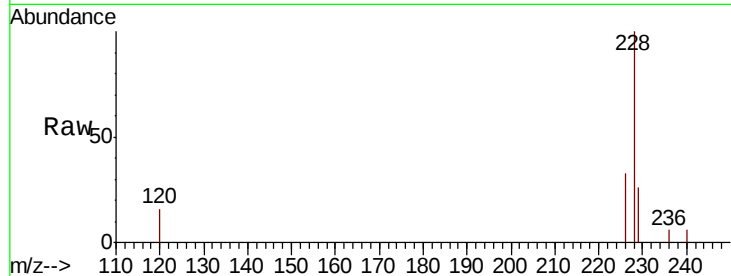
ClientSampleId :

C0BN3

Tot Ion:	228	Resp:	3014
Ion Ratio	Lower	Upper	
228	100		
226	32.5	23.8	35.6
229	25.8	15.6	23.4#

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#21

Benzo(b)fluoranthene

Concen: 0.061 ng/ul m

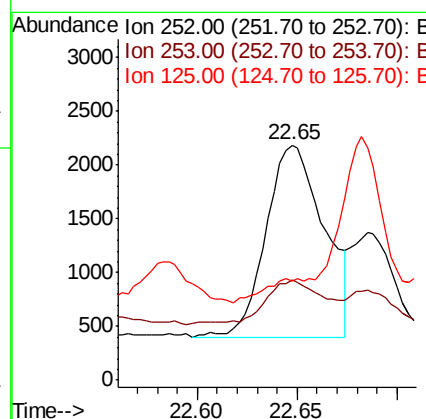
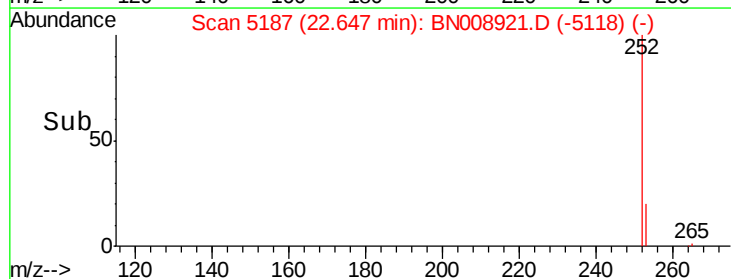
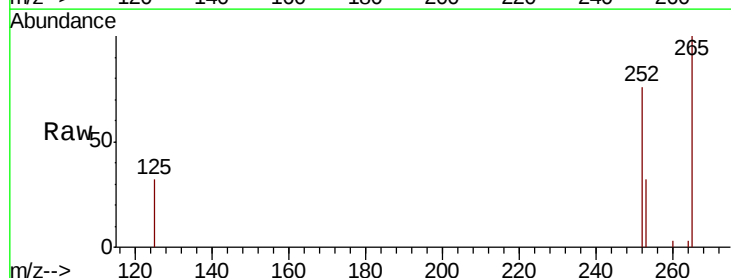
RT: 22.65 min Scan# 5187

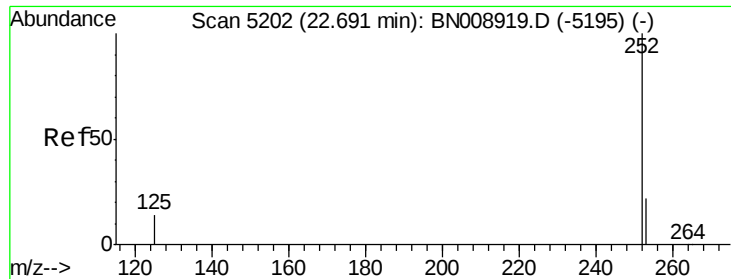
Delta R.T. 0.00 min

Lab File: BN008921.D

Acq: 11 Dec 2019 17:35

Tgt Ion:	252	Resp:	3617
Ion Ratio	Lower	Upper	
252	100		
253	42.7	0.0	48.6
125	42.4	0.0	31.6#





#22

Benzo(k)fluoranthene

Concen: 0.024 ng/ul

RT: 22.69 min Scan# 5200

Delta R.T. -0.00 min

Lab File: BN008921.D

Acq: 11 Dec 2019 17:35

Instrument :

BNA_N

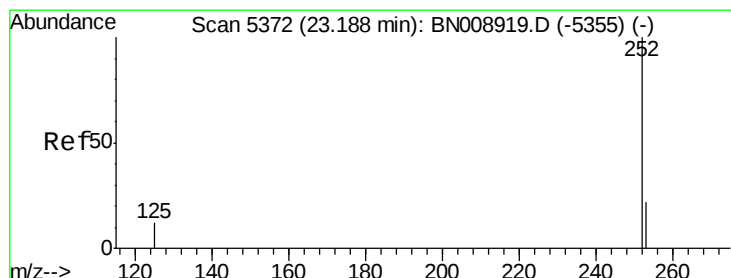
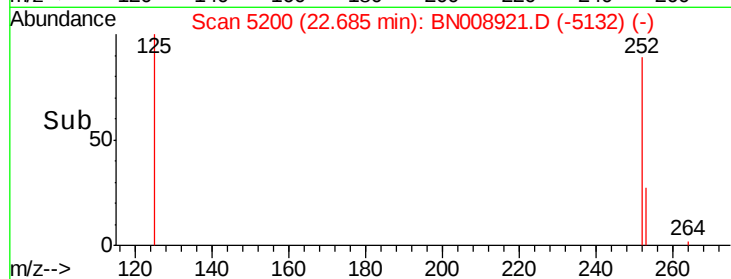
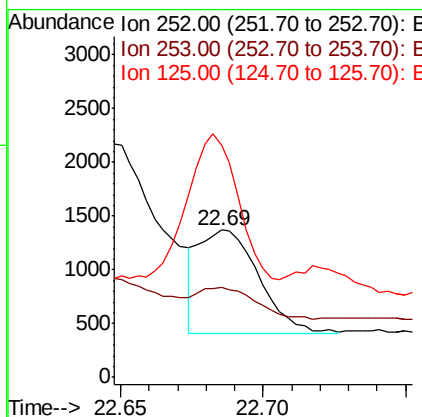
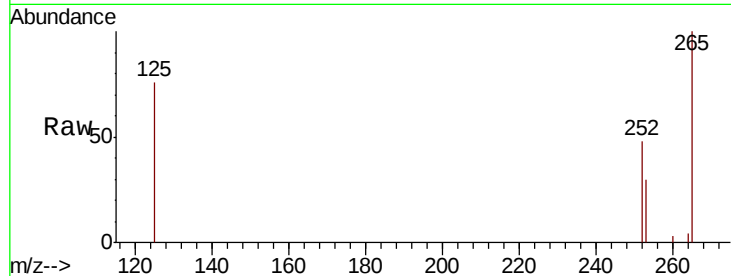
ClientSampleId :

C0BN3

Tot Ion:	252	Resp:	1410
Ion Ratio	Lower	Upper	
252	100		
253	61.3	19.6	29.4#
125	157.5	13.8	20.6#

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#23

Benzo(a)pyrene

Concen: 0.036 ng/ul

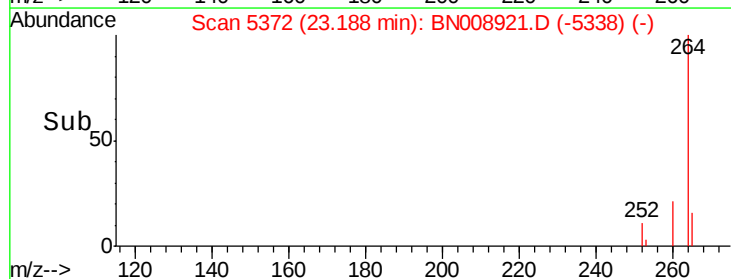
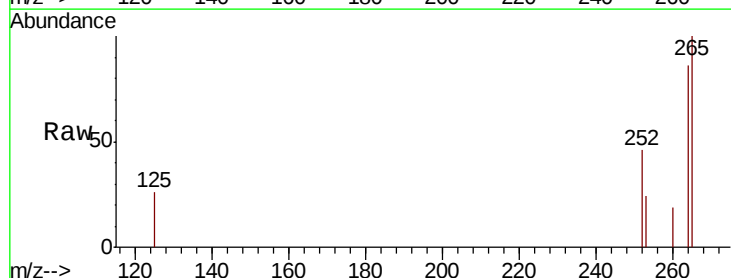
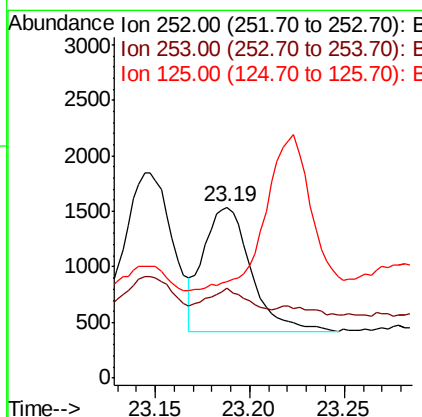
RT: 23.19 min Scan# 5372

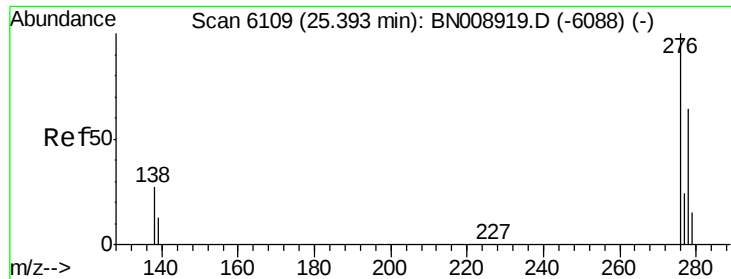
Delta R.T. 0.00 min

Lab File: BN008921.D

Acq: 11 Dec 2019 17:35

Tgt Ion:	252	Resp:	1976
Ion Ratio	Lower	Upper	
252	100		
253	52.5	19.9	29.9#
125	56.7	14.6	22.0#





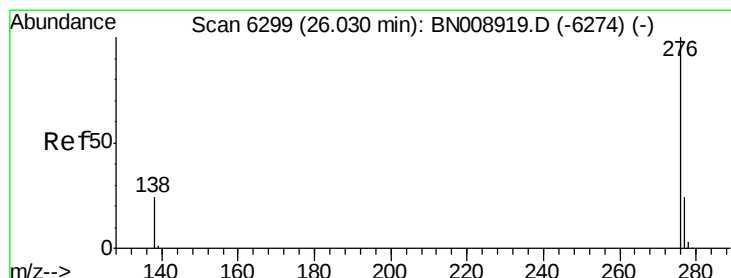
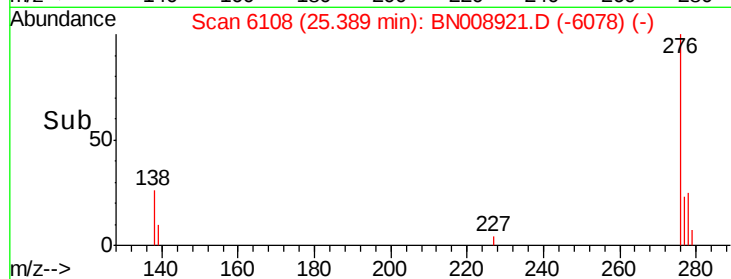
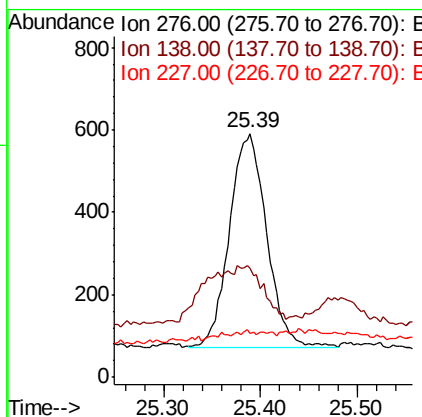
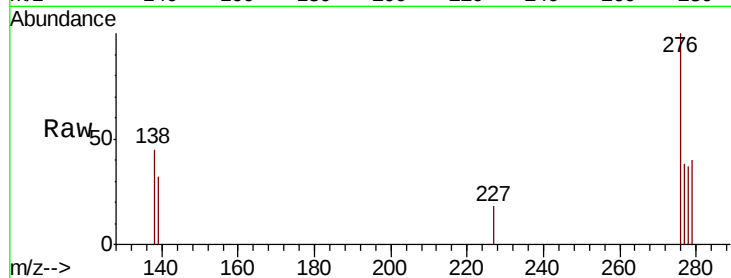
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng/ul
RT: 25.39 min Scan# 6108
Delta R.T. 0.00 min
Lab File: BN008921.D
Acq: 11 Dec 2019 17:35

Instrument :
BNA_N
ClientSampleId :
C0BN3

Tot Ion	Ratio	Lower	Upper
276	100		
138	41.9	23.8	35.6#
227	2.0	0.2	0.2#

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#26
Benzo(g,h,i)perylene
Concen: 0.022 ng/ul
RT: 26.03 min Scan# 6298
Delta R.T. -0.00 min
Lab File: BN008921.D
Acq: 11 Dec 2019 17:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	46.0	21.9	32.9#
277	41.0	19.9	29.9#

