

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
 Data File : BN008666.D
 Acq On : 20 Nov 2019 18:32
 Operator : JU
 Sample : K5784-03DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLNBDL

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Quant Time: Nov 21 00:57:04 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 Nov 20 04:45:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3652	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	13566	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	7522	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	15235	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	12539	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	12776	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	877	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	1941	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	2190	0.054	ng/ul#	90
5) 2-Methylnaphthalene	12.04	142	864	0.030	ng/ul	96
7) Acenaphthylene	13.95	152	1541	0.037	ng/ul#	86
8) Acenaphthene	14.30	153	822	0.027	ng/ul	92
9) Fluorene	15.29	166	745	0.021	ng/ul#	86
12) Phenanthrene	17.02	178	16141	0.314	ng/ul	99
13) Anthracene	17.11	178	3565	0.073	ng/ul#	94
15) Fluoranthene	19.04	202	37502	0.594	ng/ul	92
17) Pyrene	19.41	202	38052	0.756	ng/ul	98
18) Benzo(a)anthracene	21.16	228	18602	0.369	ng/ul	94
19) Chrysene	21.22	228	19460m	0.393	ng/ul	
21) Benzo(b)fluoranthene	22.71	252	22343m	0.424	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	6966m	0.133	ng/ul	
23) Benzo(a)pyrene	23.25	252	16170	0.327	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.49	276	10874	0.188	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.50	278	2642	0.057	ng/ul#	34
26) Benzo(a,h,i)perylene	26.14	276	11309	0.234	ng/ul#	92

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

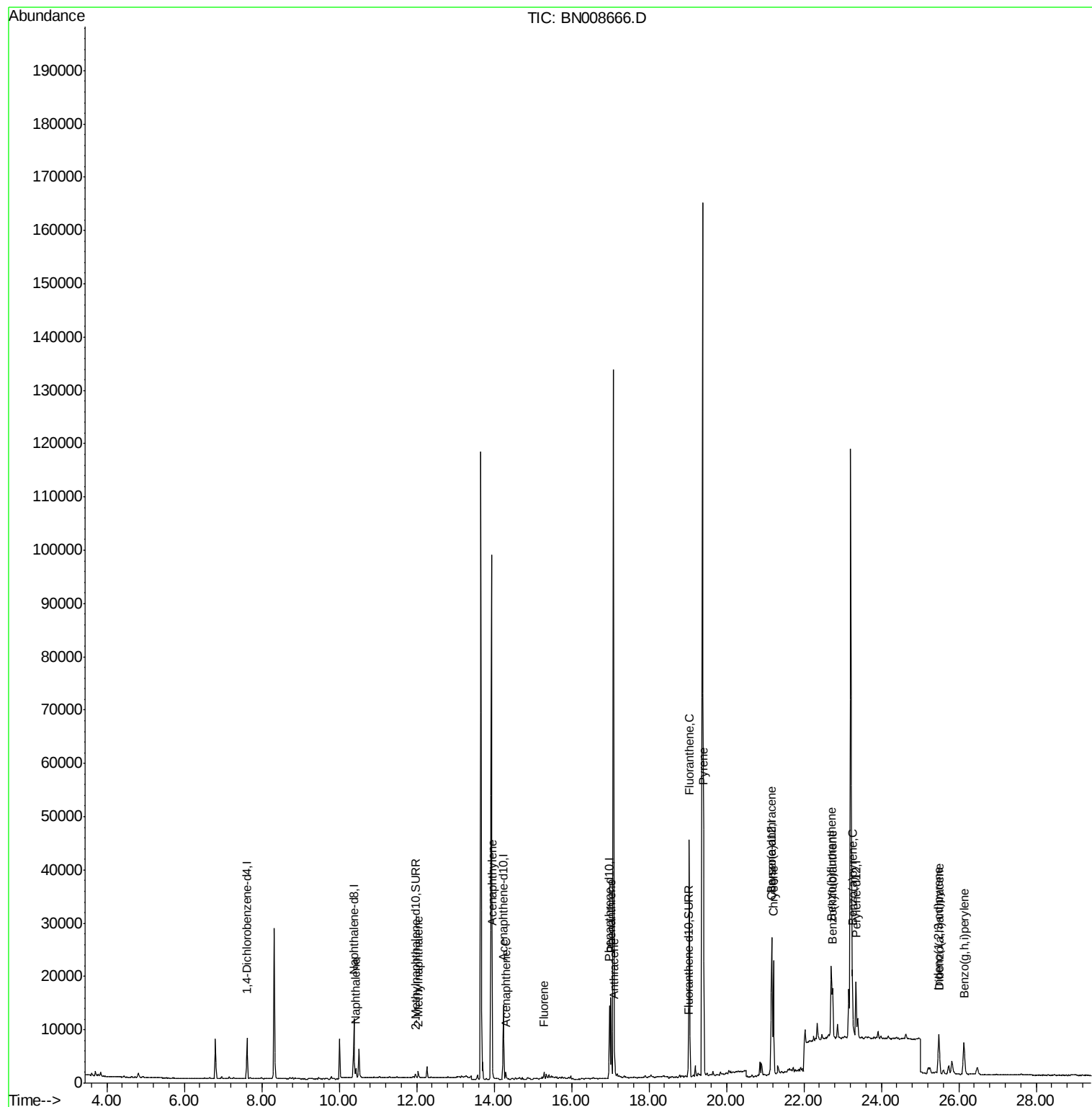
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
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ALS Vial : 14 Sample Multiplier: 1

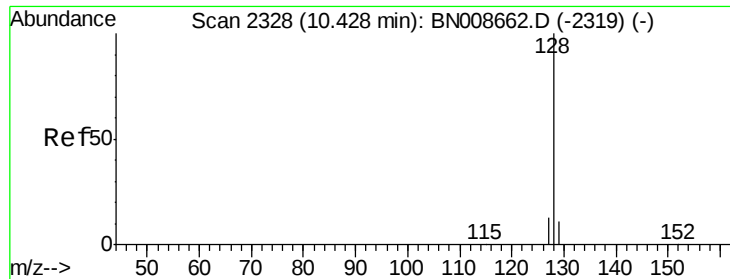
Instrument :
BNA_N
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JLNB0DL

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Quant Time: Nov 21 00:57:04 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 Nov 20 04:45:41 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.054 ng/ul

RT: 10.43 min Scan# 2328

Delta R.T. -0.01 min

Lab File: BN008666.D

Acq: 20 Nov 2019 18:32

Instrument :

BNA_N

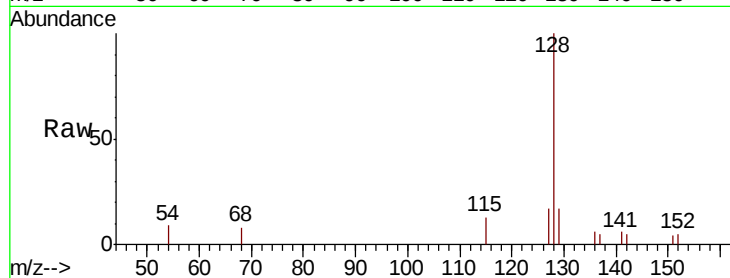
ClientSampleId :

JLNB0DL

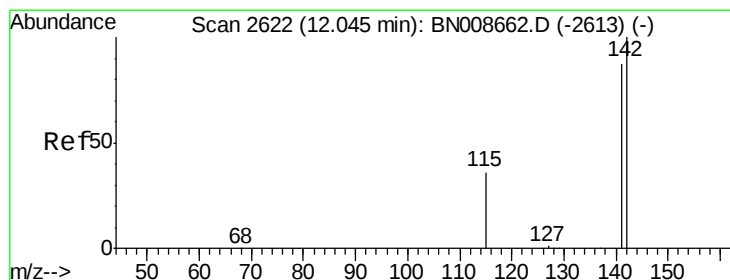
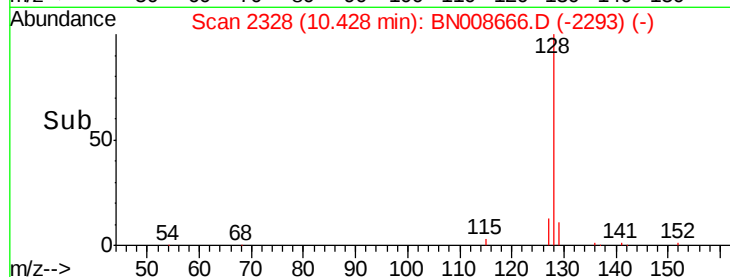
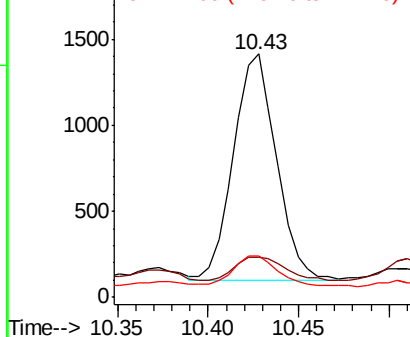
Tot Ion:	128	Resp:	2190
Ion	Ratio	Lower	Upper
128	100		
129	16.7	9.7	14.5#
127	16.8	10.8	16.2#

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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



#5

2-Methylnaphthalene

Concen: 0.030 ng/ul

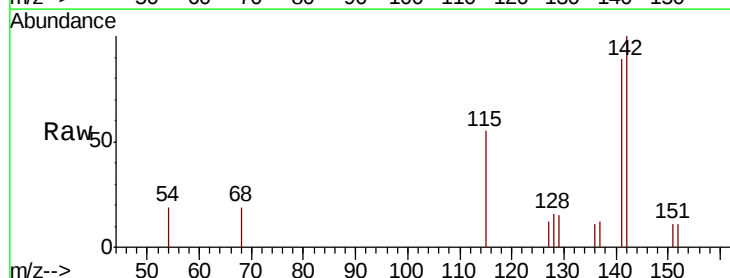
RT: 12.04 min Scan# 2622

Delta R.T. -0.01 min

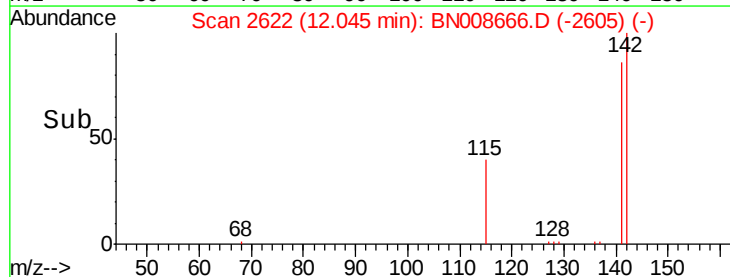
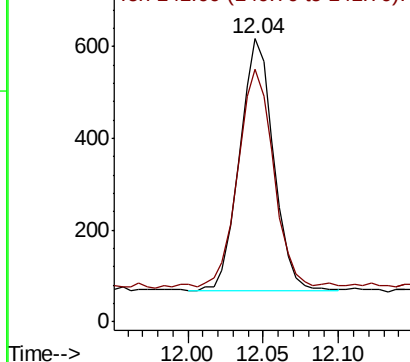
Lab File: BN008666.D

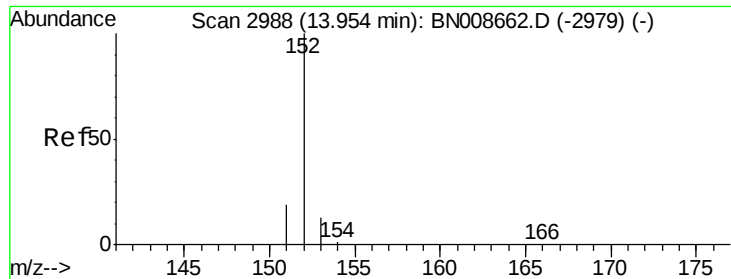
Acq: 20 Nov 2019 18:32

Tgt Ion:	142	Resp:	864
Ion	Ratio	Lower	Upper
142	100		
141	92.0	70.5	105.7



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





#7

Acenaphthylene

Concen: 0.037 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008666.D

Acq: 20 Nov 2019 18:32

Instrument :

BNA_N

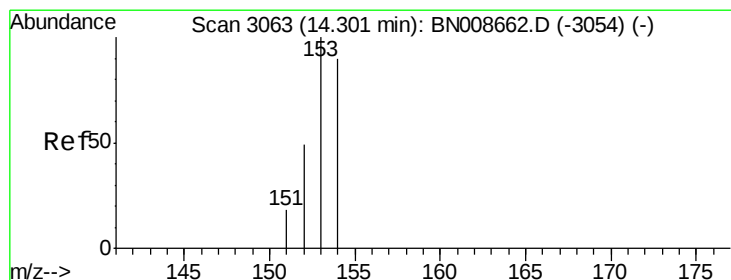
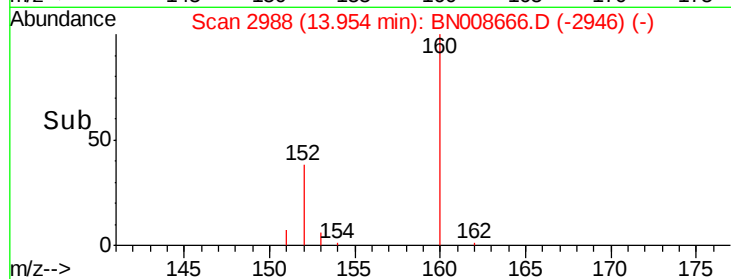
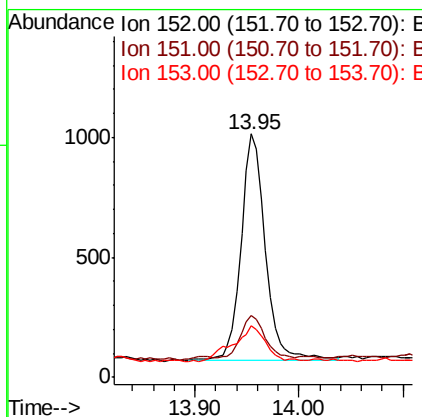
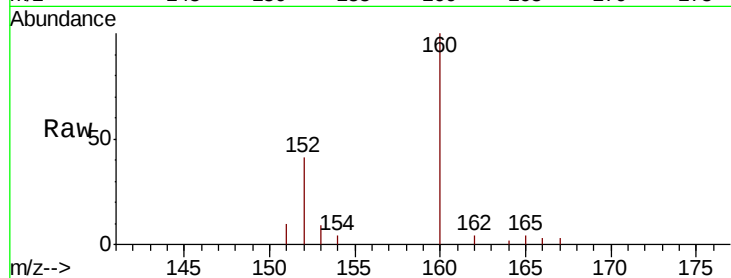
ClientSampleId :

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Tot Ion:	152	Resp:	1541
Ion Ratio	Lower	Upper	
152	100		
151	25.5	16.6	24.8#
153	21.4	11.1	16.7#

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#8

Acenaphthene

Concen: 0.027 ng/ul

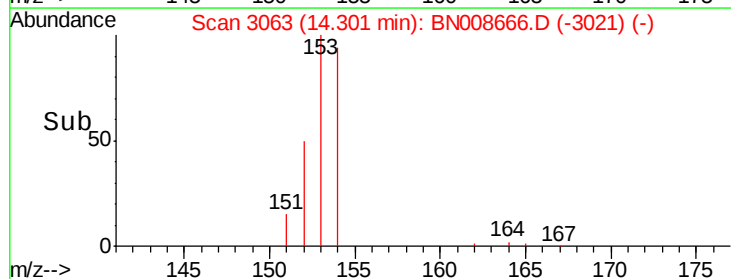
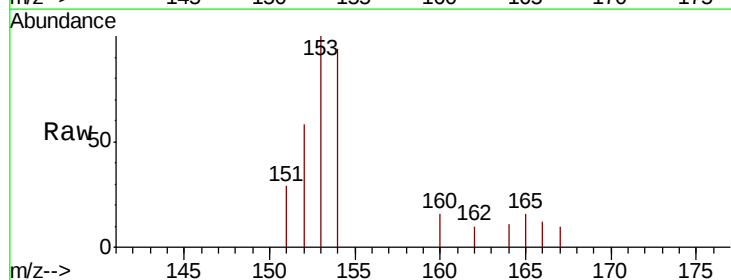
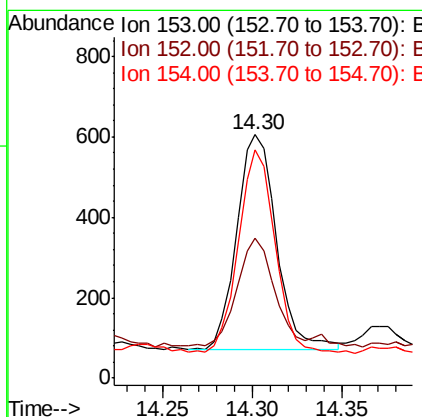
RT: 14.30 min Scan# 3063

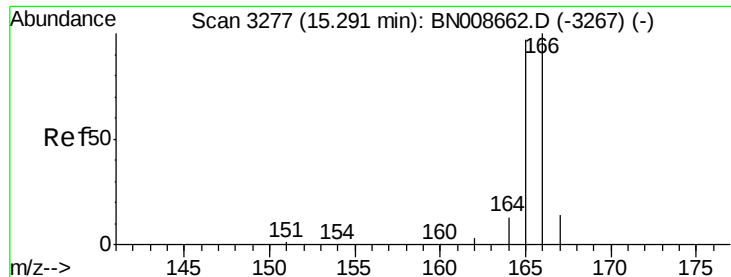
Delta R.T. -0.00 min

Lab File: BN008666.D

Acq: 20 Nov 2019 18:32

Tgt Ion:	153	Resp:	822
Ion Ratio	Lower	Upper	
153	100		
152	57.6	39.6	59.4
154	93.9	70.6	106.0





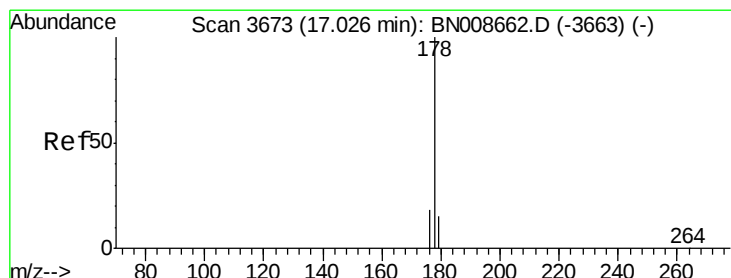
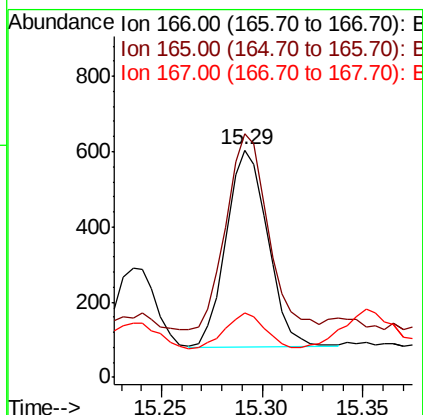
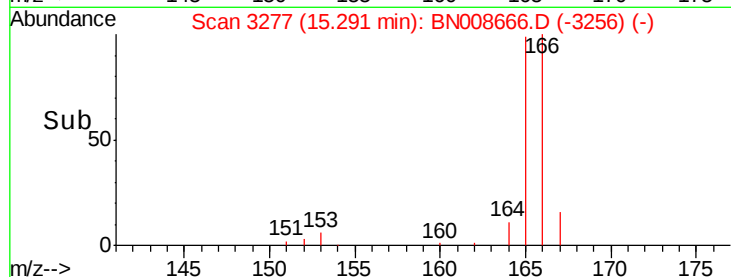
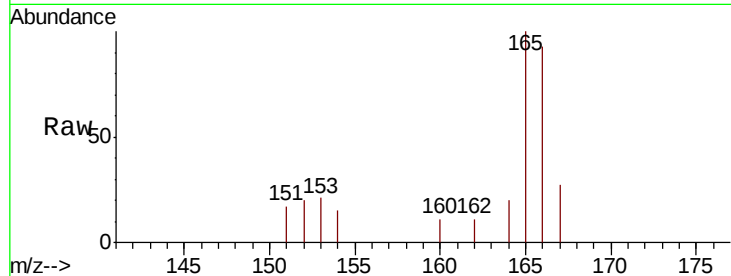
#9
Fluorene
 Concen: 0.021 ng/ul
 RT: 15.29 min Scan# 3277
 Delta R.T. -0.00 min
 Lab File: BN008666.D
 Acq: 20 Nov 2019 18:32

Instrument :
 BNA_N
 ClientSampleId :
 JLNBDL

Tot Ion	Ratio	Lower	Upper
166	100		
165	107.1	77.4	116.0
167	28.5	11.4	17.0

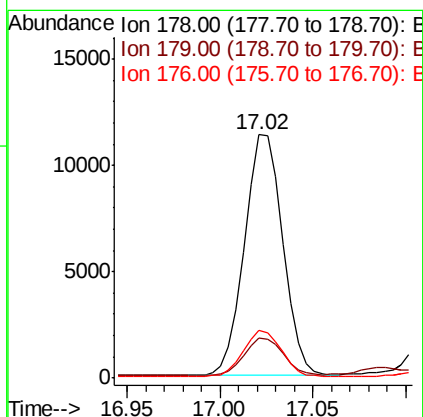
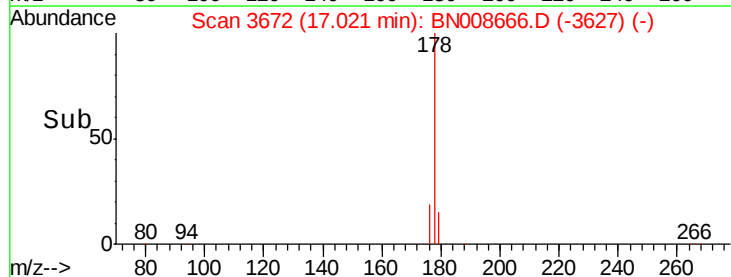
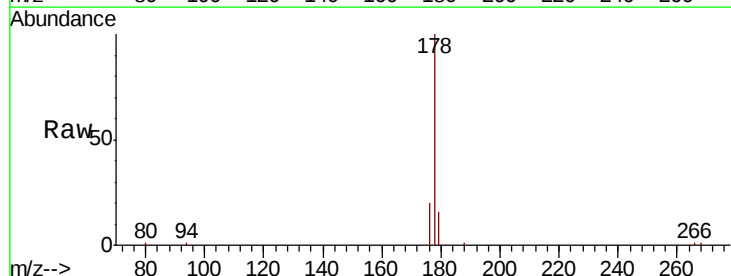
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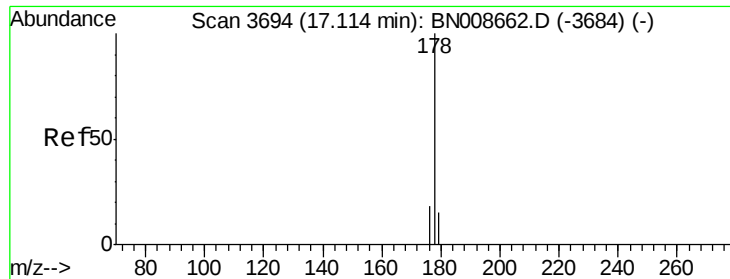
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#12
Phenanthrene
 Concen: 0.314 ng/ul
 RT: 17.02 min Scan# 3672
 Delta R.T. -0.01 min
 Lab File: BN008666.D
 Acq: 20 Nov 2019 18:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	19.6	16.0	24.0





#13

Anthracene

Concen: 0.073 ng/ul

RT: 17.11 min Scan# 3694

Delta R.T. -0.00 min

Lab File: BN008666.D

Acq: 20 Nov 2019 18:32

Instrument :

BNA_N

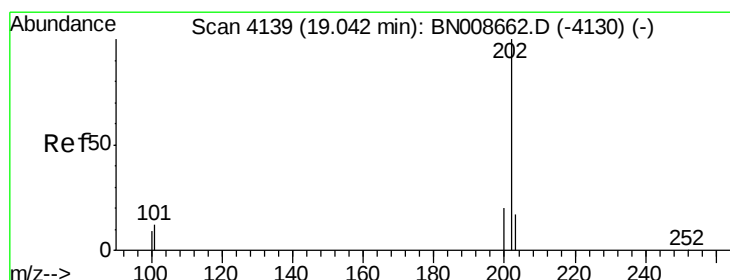
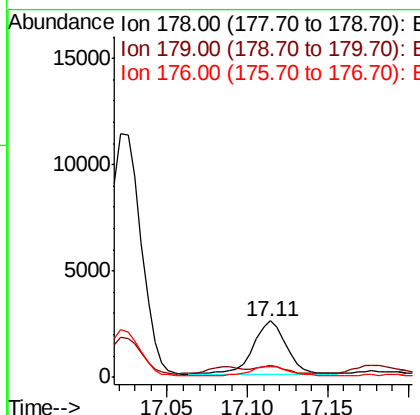
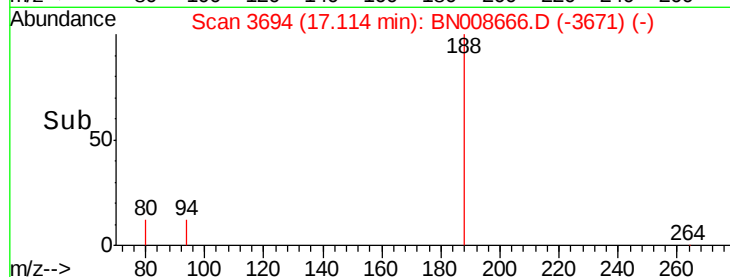
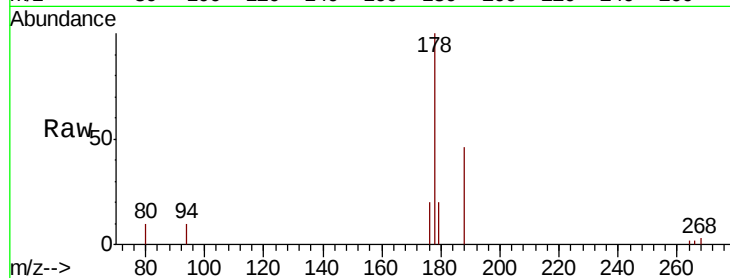
ClientSampled :

JLNB0DL

Tot Ion:	178	Resp:	3565
Ion Ratio	Lower	Upper	
178	100		
179	20.5	13.0	19.4#
176	20.0	15.3	22.9

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#15

Fluoranthene

Concen: 0.594 ng/ul

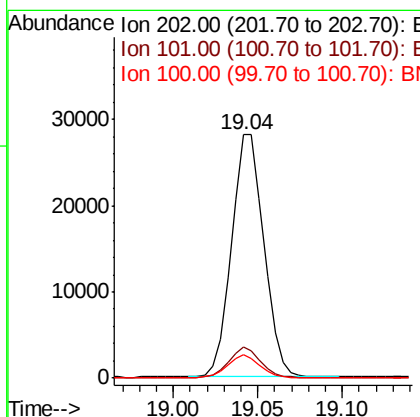
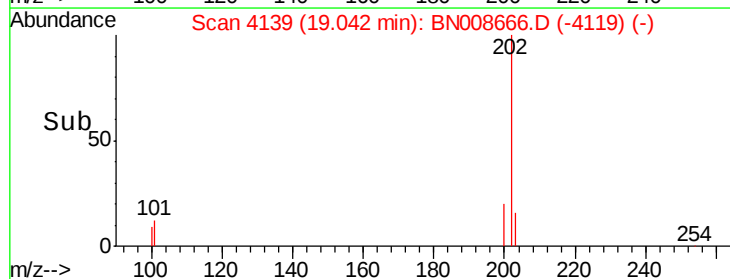
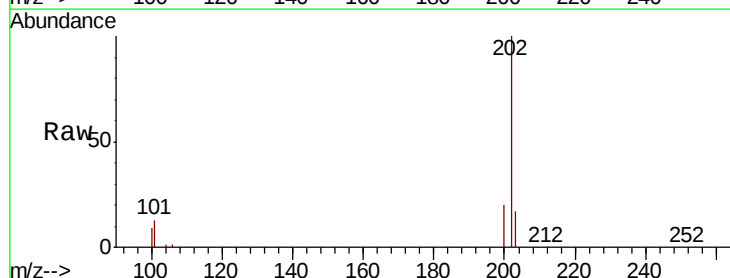
RT: 19.04 min Scan# 4139

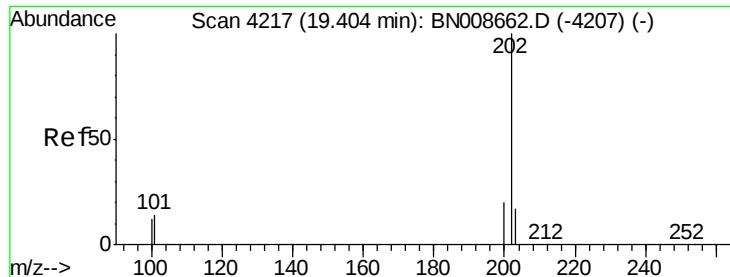
Delta R.T. -0.01 min

Lab File: BN008666.D

Acq: 20 Nov 2019 18:32

Tgt Ion:	202	Resp:	37502
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	29.6
100	9.4	0.0	27.0





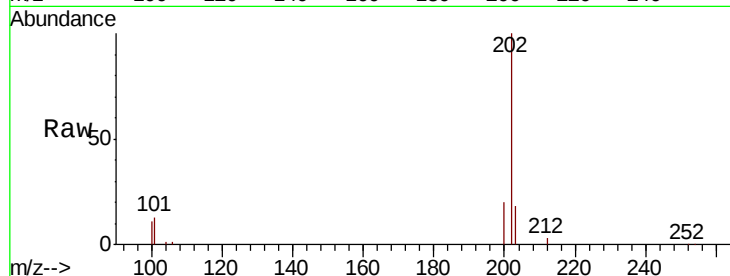
#17
Pvrene
Concen: 0.756 ng/ul
RT: 19.41 min Scan# 4218
Delta R.T. 0.00 min
Lab File: BN008666.D
Acq: 20 Nov 2019 18:32

Instrument :
BNA_N
ClientSampleId :
JLNB0DL

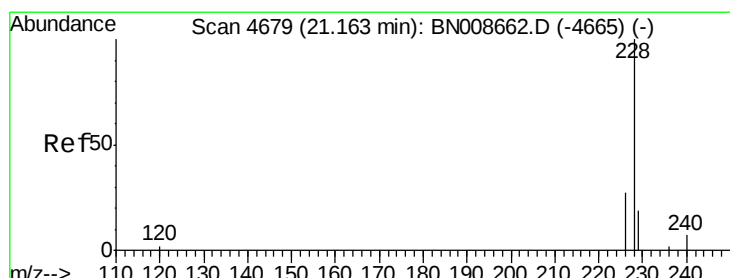
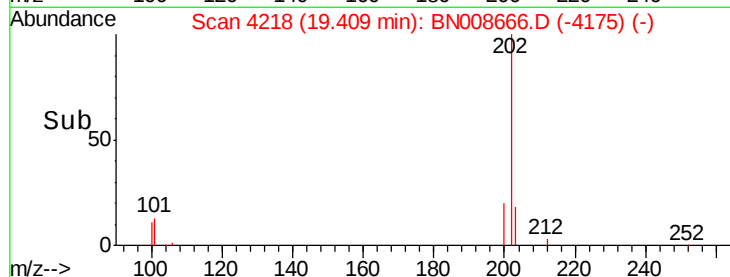
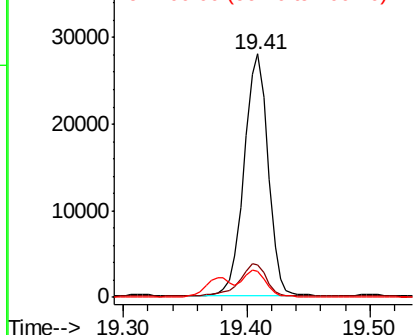
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.5	10.2	15.2
100	10.8	8.2	12.2

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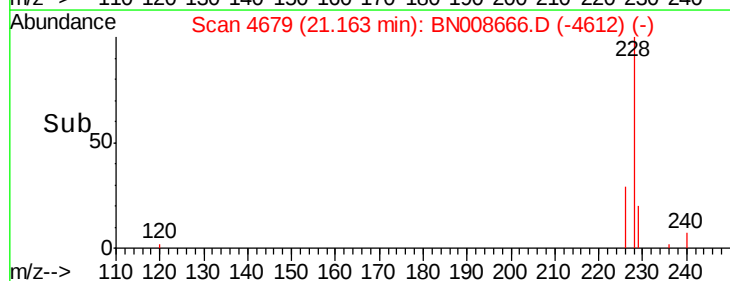
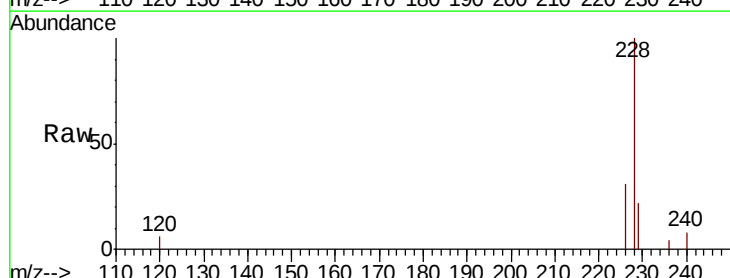
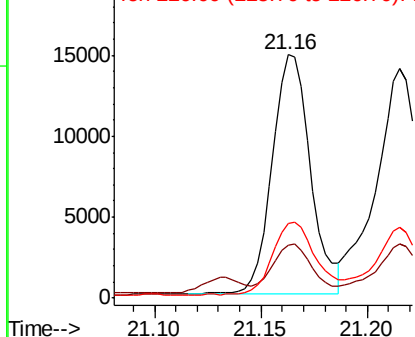
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

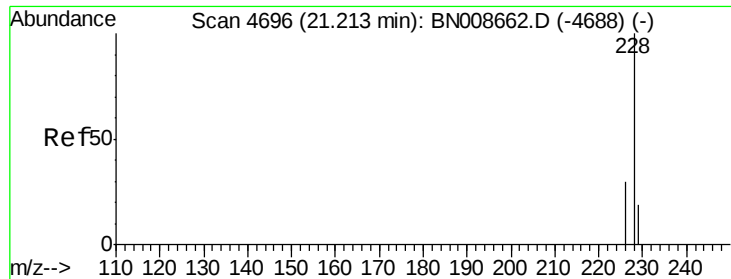


#18
Benzo(a)anthracene
Concen: 0.369 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008666.D
Acq: 20 Nov 2019 18:32

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.9	15.8	23.6
226	30.6	21.6	32.4

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.393 ng/ul m

RT: 21.22 min Scan# 4697

Delta R.T. 0.00 min

Lab File: BN008666.D

Acq: 20 Nov 2019 18:32

Instrument :

BNA_N

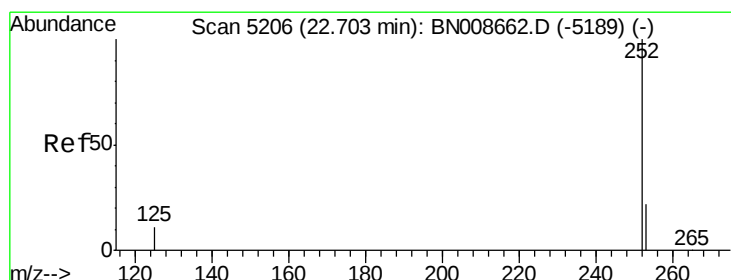
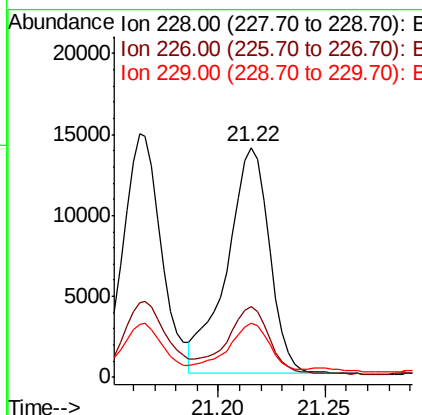
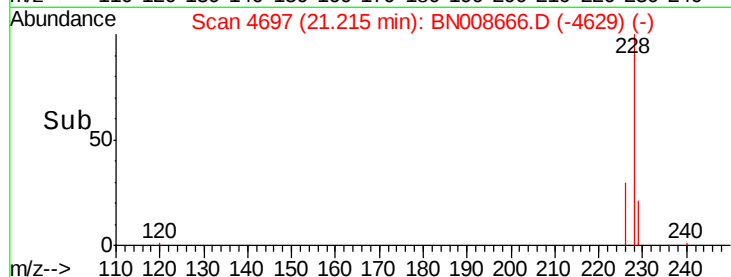
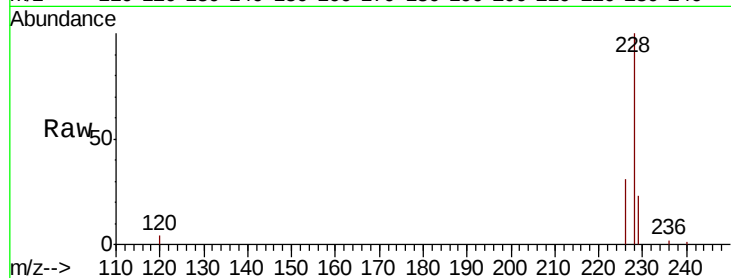
ClientSampleId :

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Tot Ion:	228	Resp:	19460
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.5	36.7
229	23.4	15.5	23.3#

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#21

Benzo(b)fluoranthene

Concen: 0.424 ng/ul m

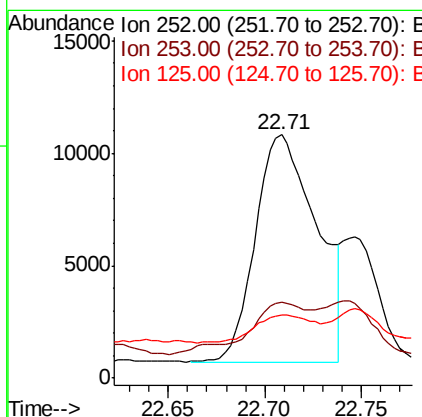
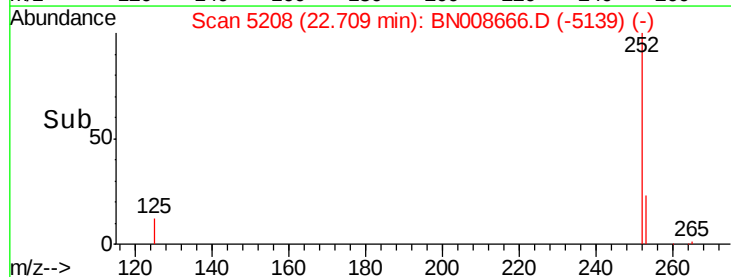
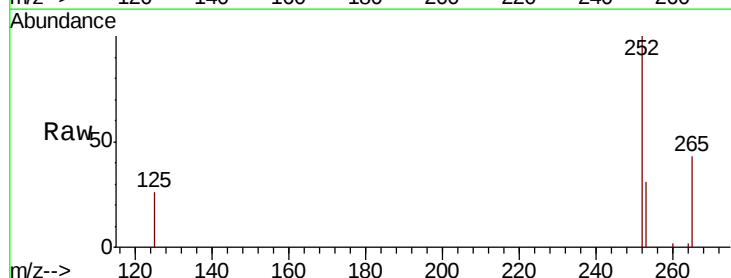
RT: 22.71 min Scan# 5208

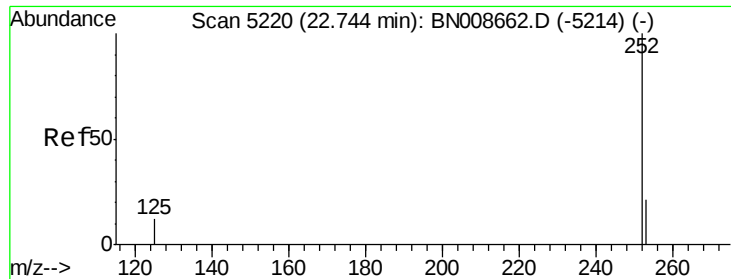
Delta R.T. 0.00 min

Lab File: BN008666.D

Acq: 20 Nov 2019 18:32

Tgt Ion:	252	Resp:	22343
Ion Ratio	Lower	Upper	
252	100		
253	31.1	0.0	50.2
125	25.7	0.0	30.0





#22

Benzo(k)fluoranthene

Concen: 0.133 ng/ul m

RT: 22.75 min Scan# 5221

Delta R.T. -0.00 min

Lab File: BN008666.D

Acq: 20 Nov 2019 18:32

Instrument :

BNA_N

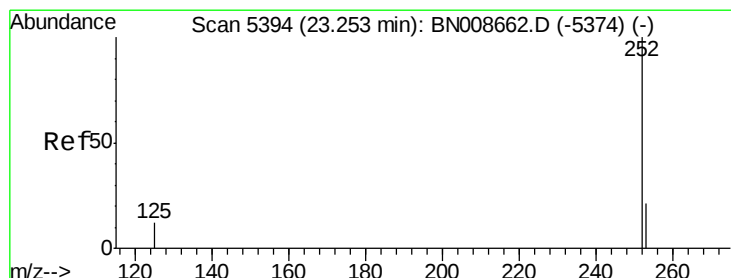
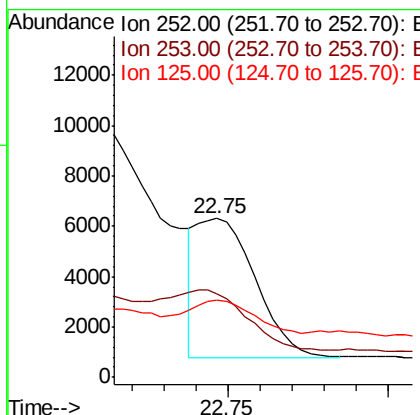
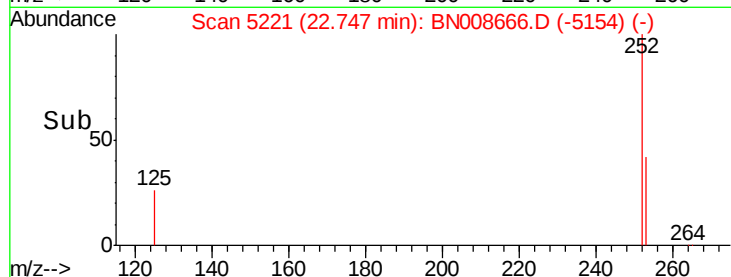
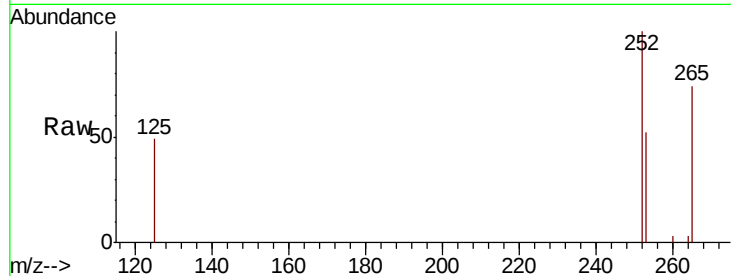
ClientSampleId :

JLNB0DL

Tot Ion:	252	Resp:	6966
Ion Ratio	Lower	Upper	
252	100		
253	52.5	20.5	30.7#
125	48.9	15.0	22.4#

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#23

Benzo(a)pyrene

Concen: 0.327 ng/ul

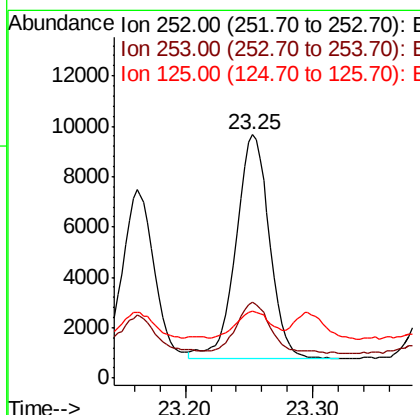
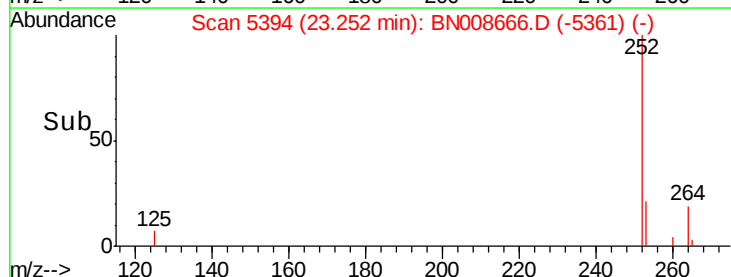
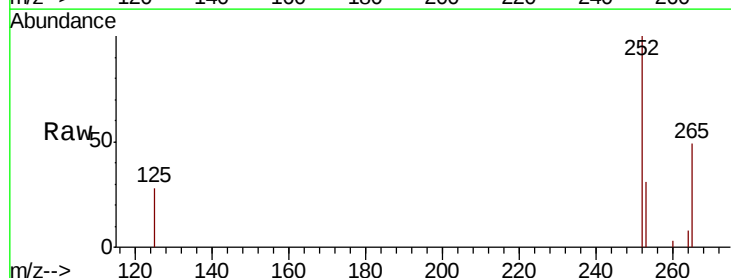
RT: 23.25 min Scan# 5394

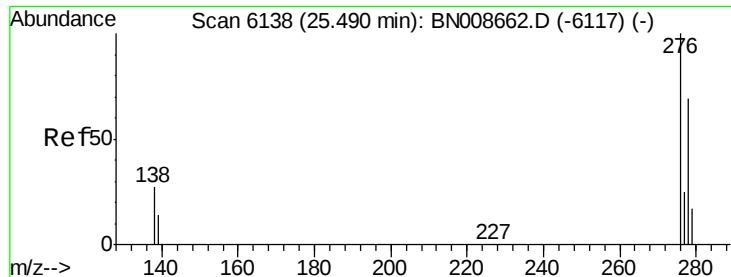
Delta R.T. -0.00 min

Lab File: BN008666.D

Acq: 20 Nov 2019 18:32

Tgt Ion:	252	Resp:	16170
Ion Ratio	Lower	Upper	
252	100		
253	31.2	21.4	32.2
125	27.6	13.8	20.8#





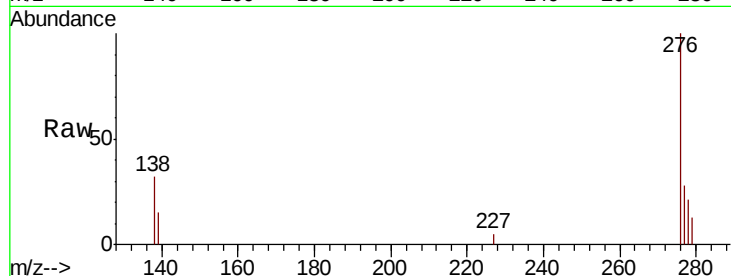
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.188 ng/ul
 RT: 25.49 min Scan# 6137
 Delta R.T. -0.01 min
 Lab File: BN008666.D
 Acq: 20 Nov 2019 18:32

Instrument :
 BNA_N
 ClientSampled :
 JLNBDL

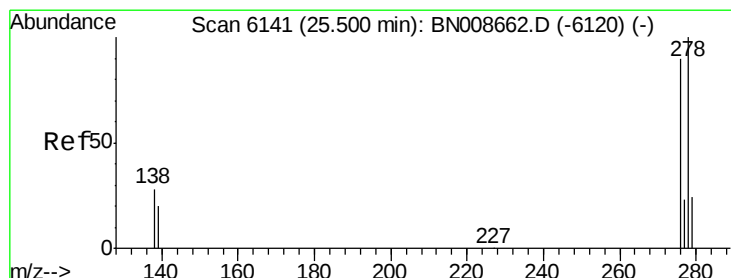
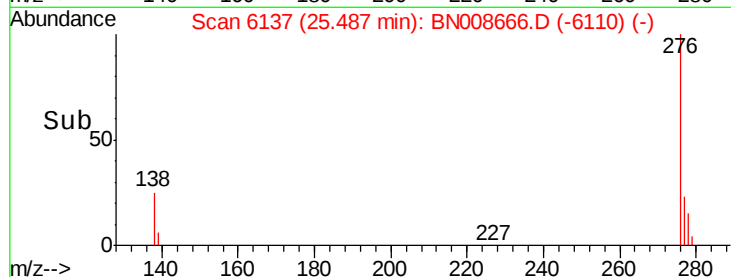
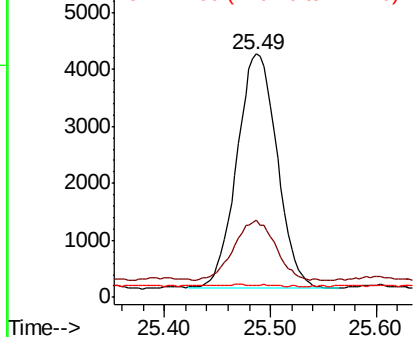
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.7	32.5
227	0.2	0.2	0.2

Manual Integrations
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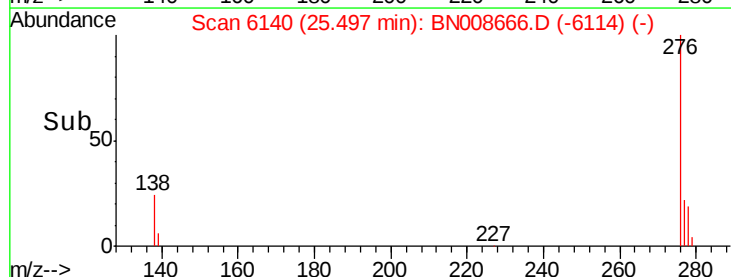
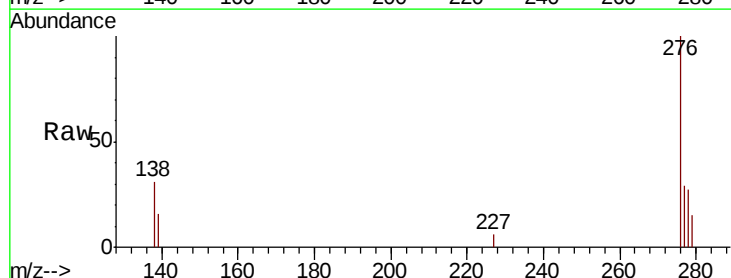
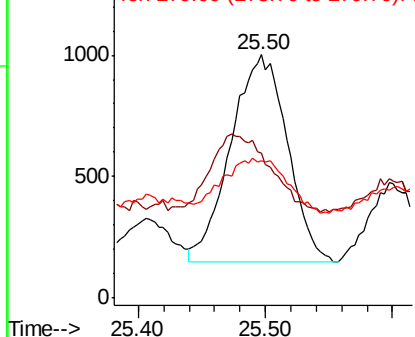
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

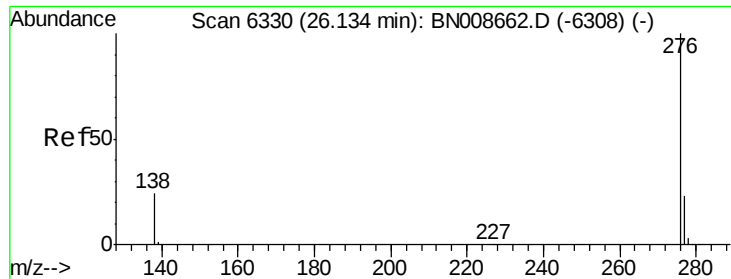


#25
 Dibenzo(a,h)anthracene
 Concen: 0.057 ng/ul
 RT: 25.50 min Scan# 6140
 Delta R.T. -0.01 min
 Lab File: BN008666.D
 Acq: 20 Nov 2019 18:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	59.6	18.7	28.1
279	56.4	20.8	31.2

Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





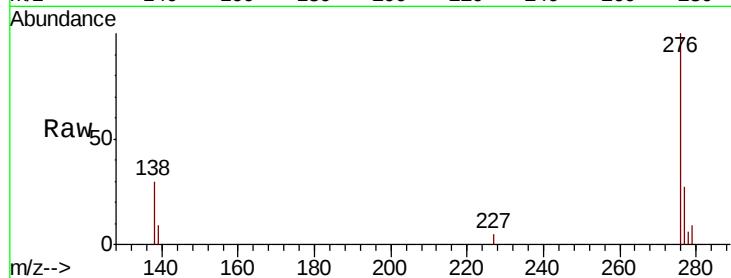
#26
Benzo(a,h,i)perylene
Concen: 0.234 ng/ul
RT: 26.14 min Scan# 6331
Delta R.T. -0.00 min
Lab File: BN008666.D
Acq: 20 Nov 2019 18:32

Instrument :
BNA_N
ClientSampleId :
JLNB0DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.4	20.0	30.0#
277	27.4	20.0	30.0

Manual Integrations
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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

