

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
 Data File : BN004040.D
 Acq On : 17 Dec 2018 17:49
 Operator : JU/SJ
 Sample : J6229-10DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F08DL

Manual Integrations
 APPROVED

Sohil
 12/18/2018 5:56:03 PM

Quant Time: Dec 18 05:29:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 18 04:29:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1669	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8425	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4910	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	12458	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	14265	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	13153	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	611	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	1821	0.05	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	2981	0.126	ng/ul#	93
5) 2-Methylnaphthalene	12.29	142	4823	0.292	ng/ul	99
7) Acenaphthylene	14.19	152	2413	0.109	ng/ul#	91
8) Acenaphthene	14.53	153	433	0.022	ng/ul#	88
9) Fluorene	15.52	166	480	0.021	ng/ul#	87
12) Phenanthrene	17.26	178	27595	0.675	ng/ul	100
13) Anthracene	17.35	178	4876	0.145	ng/ul	95
15) Fluoranthene	19.28	202	21987	0.455	ng/ul	98
17) Pyrene	19.64	202	37078	0.725	ng/ul	95
18) Benzo(a)anthracene	21.39	228	17527	0.389	ng/ul#	87
19) Chrysene	21.44	228	24905	0.483	ng/ul#	93
21) Benzo(b)fluoranthene	23.02	252	17093m	0.314	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	4625m	0.087	ng/ul	
23) Benzo(a)pyrene	23.62	252	13973	0.297	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.09	276	10549	0.195	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.09	278	3832	0.088	ng/ul#	18
26) Benzo(g,h,i)perylene	26.82	276	36003	0.767	ng/ul	93

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

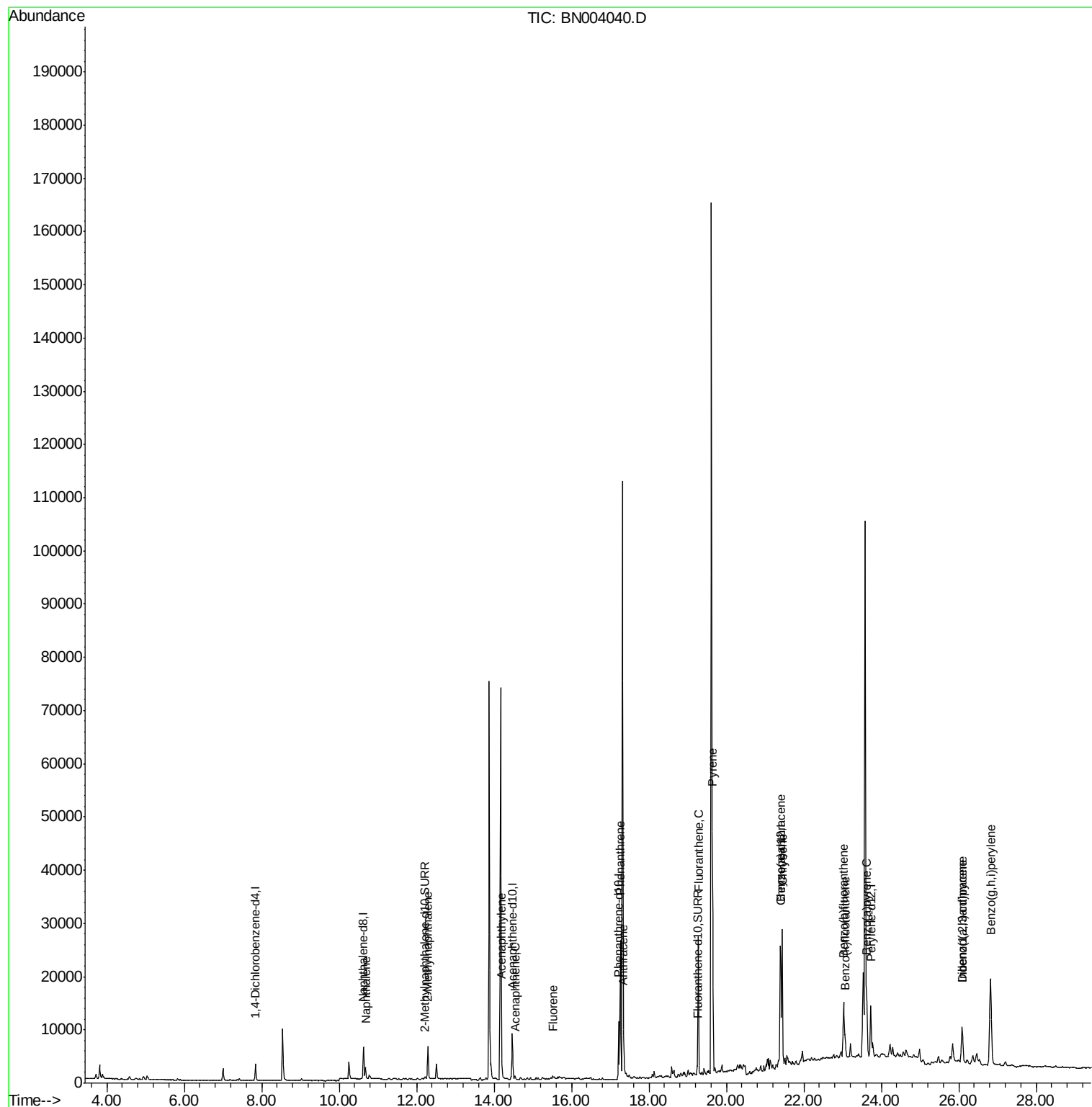
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Data File : BN004040.D
Acq On : 17 Dec 2018 17:49
Operator : JU/SJ
Sample : J6229-10DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

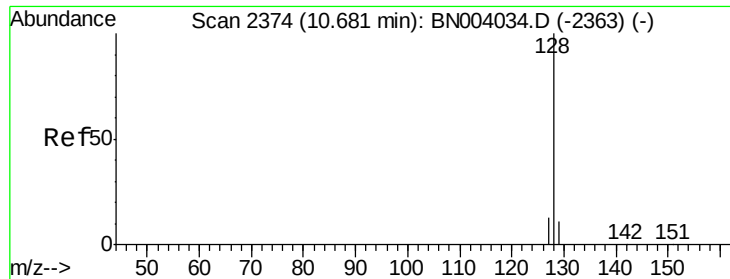
Instrument :
BNA_N
ClientSampleId :
F9F08DL

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Quant Time: Dec 18 05:29:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.126 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BN004040.D

Acq: 17 Dec 2018 17:49

Instrument :

BNA_N

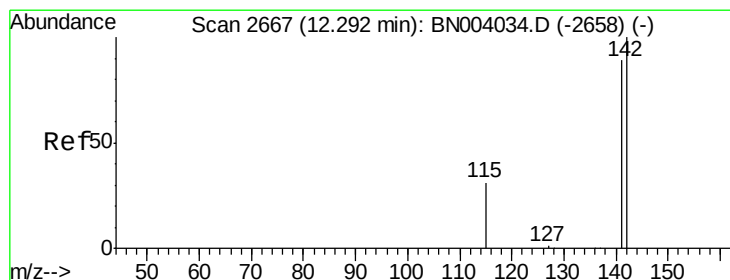
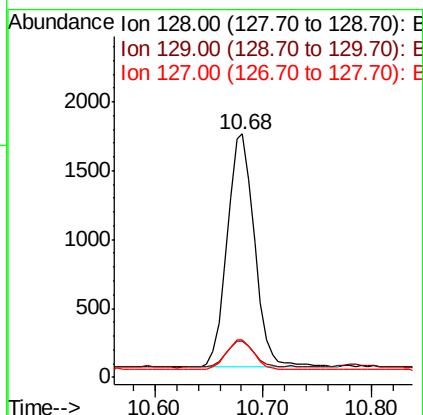
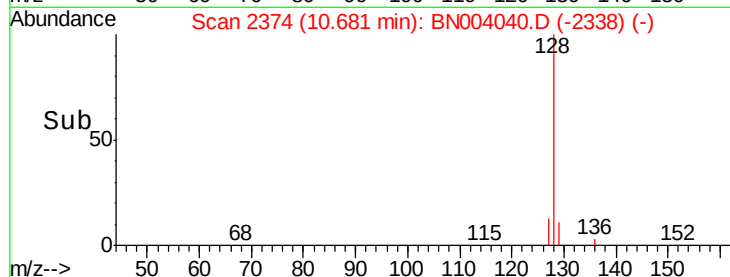
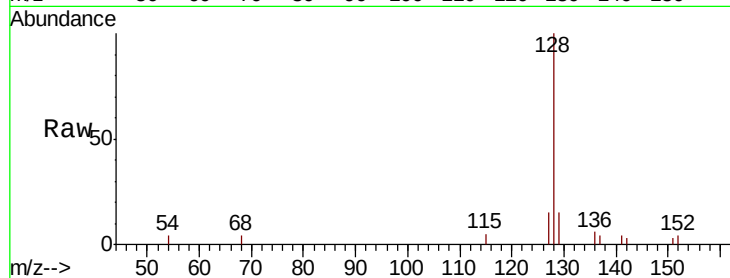
ClientSampleId :

F9F08DL

Tgt Ion:	128	Resp:	2981
Ion Ratio	Lower	Upper	
128	100		
129	14.7	9.0	13.6#
127	15.3	10.5	15.7

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#5

2-Methylnaphthalene

Concen: 0.292 ng/ul

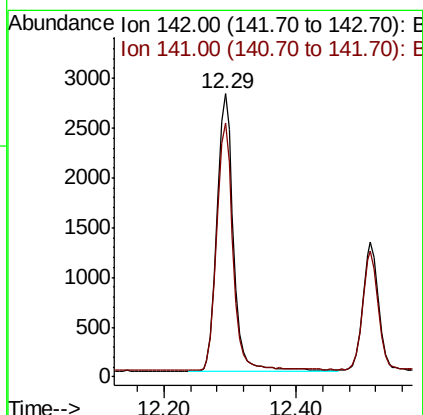
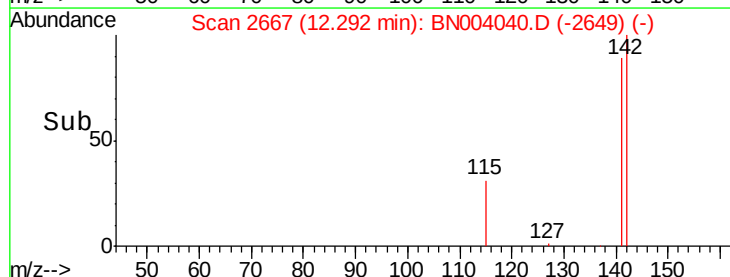
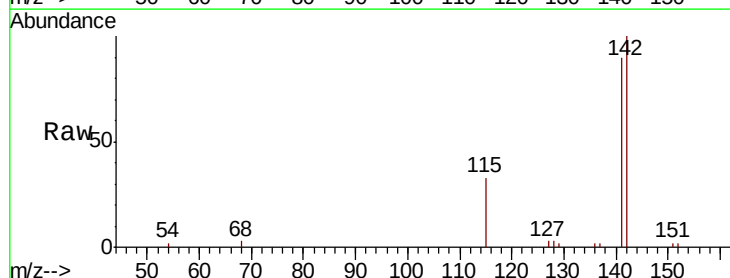
RT: 12.29 min Scan# 2667

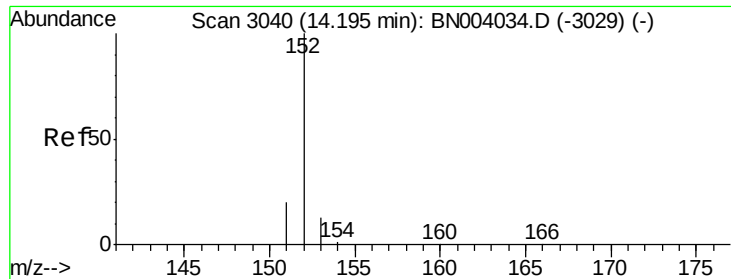
Delta R.T. 0.00 min

Lab File: BN004040.D

Acq: 17 Dec 2018 17:49

Tgt Ion:	142	Resp:	4823
Ion Ratio	Lower	Upper	
142	100		
141	88.5	71.5	107.3





#7

Acenaphthylene

Concen: 0.109 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN004040.D

Acq: 17 Dec 2018 17:49

Instrument :

BNA_N

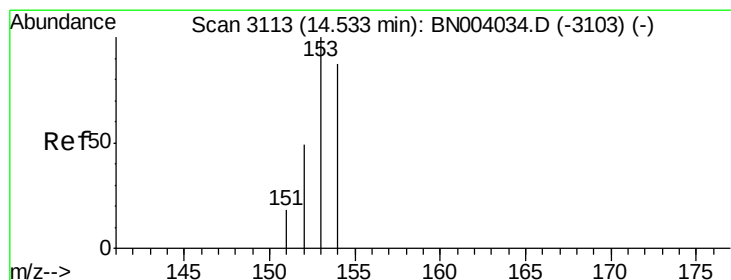
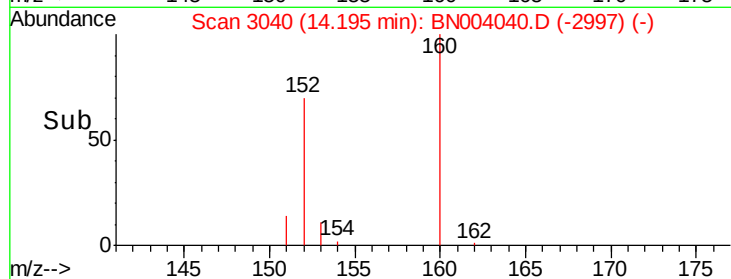
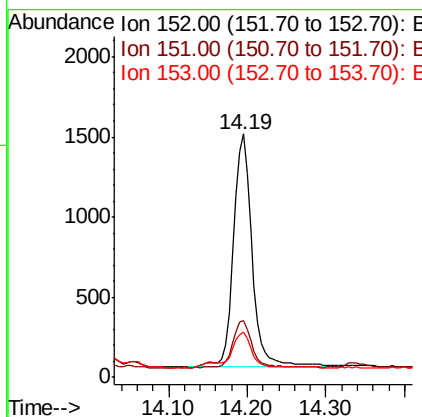
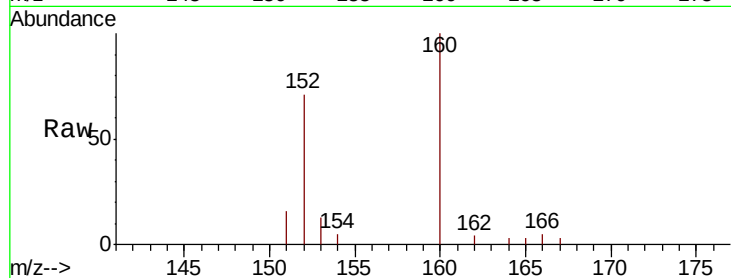
ClientSampleId :

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Tgt Ion:	152	Resp:	2413
Ion Ratio	Lower	Upper	
152	100		
151	23.0	15.9	23.9
153	18.4	10.7	16.1

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#8

Acenaphthene

Concen: 0.022 ng/ul

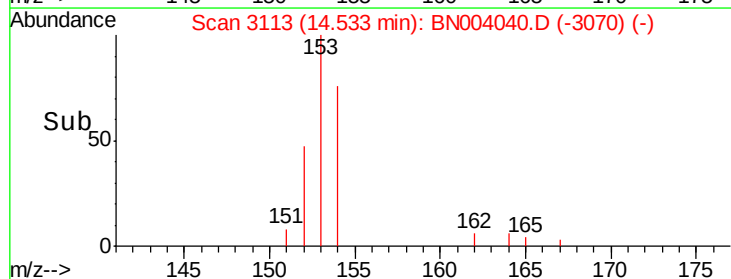
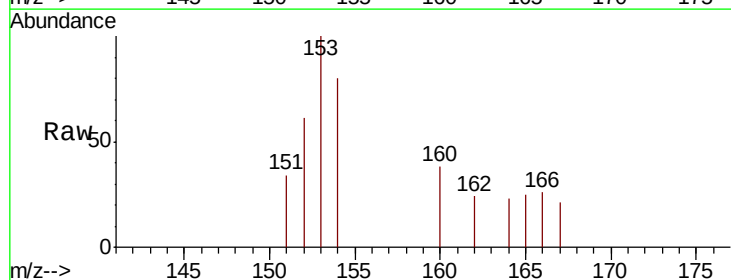
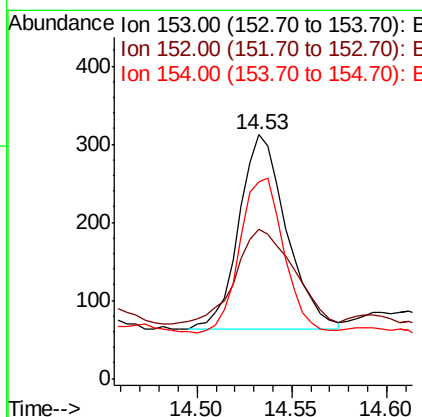
RT: 14.53 min Scan# 3113

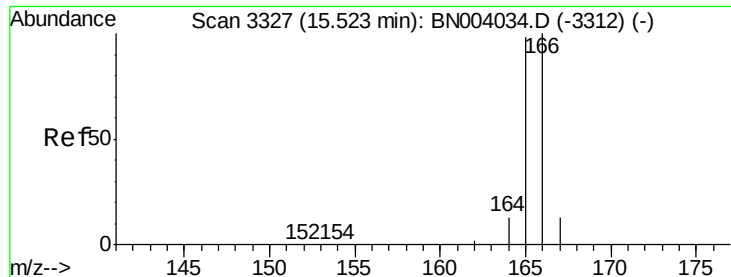
Delta R.T. 0.00 min

Lab File: BN004040.D

Acq: 17 Dec 2018 17:49

Tgt Ion:	153	Resp:	433
Ion Ratio	Lower	Upper	
153	100		
152	61.2	39.3	58.9
154	80.4	70.3	105.5





#9

Fluorene

Concen: 0.021 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BN004040.D

Acq: 17 Dec 2018 17:49

Instrument :

BNA_N

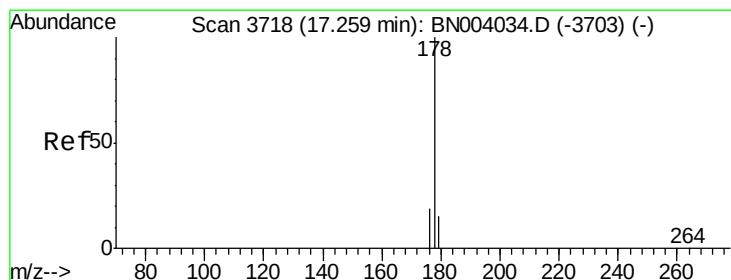
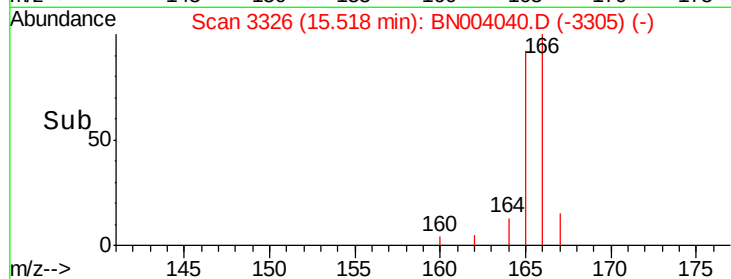
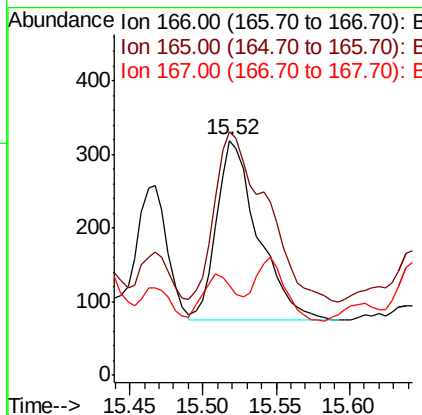
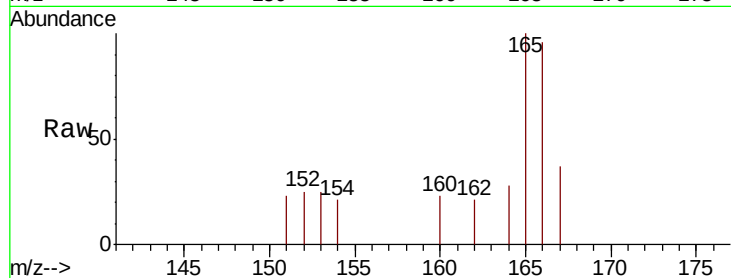
ClientSampled :

F9F08DL

Tgt Ion:	166	Resp:	480
Ion Ratio	Lower	Upper	
166	100		
165	103.8	78.3	117.5
167	38.6	11.3	16.9#

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#12

Phenanthrene

Concen: 0.675 ng/ul

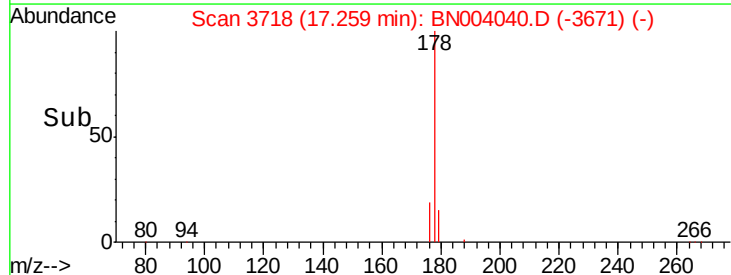
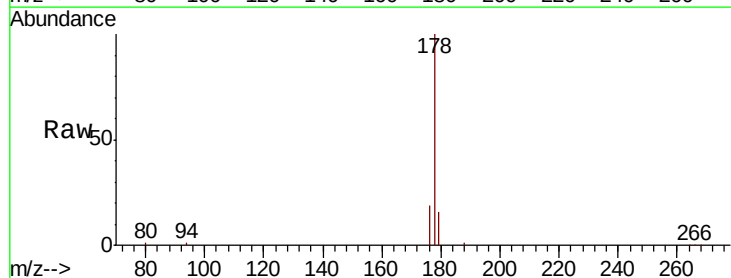
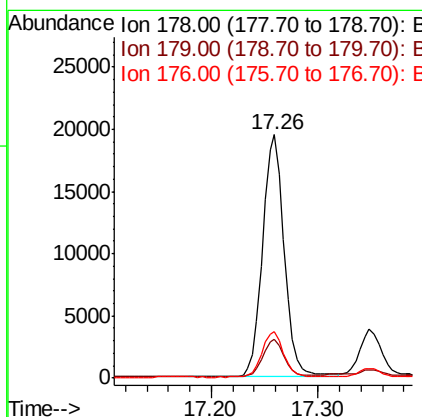
RT: 17.26 min Scan# 3718

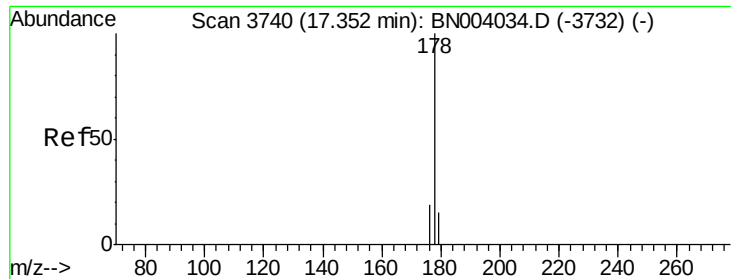
Delta R.T. 0.00 min

Lab File: BN004040.D

Acq: 17 Dec 2018 17:49

Tgt Ion:	178	Resp:	27595
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.5	18.7
176	19.0	15.0	22.4





#13

Anthracene

Concen: 0.145 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN004040.D

Acq: 17 Dec 2018 17:49

Instrument :

BNA_N

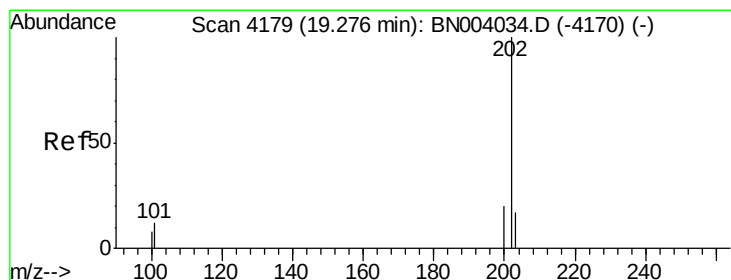
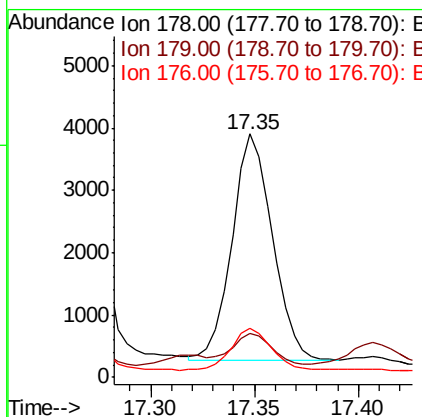
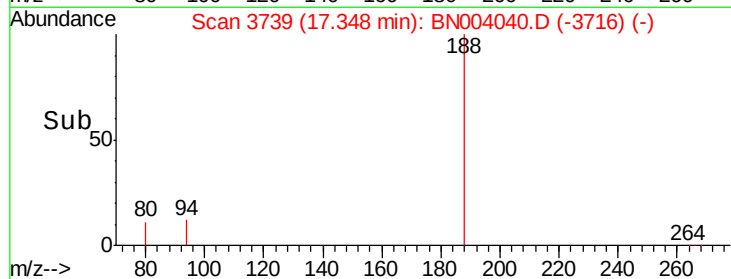
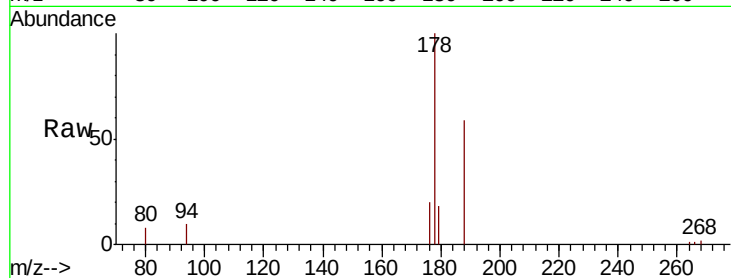
ClientSampleId :

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Tgt Ion:	178	Resp:	4876
Ion Ratio	Lower	Upper	
178	100		
179	18.0	12.3	18.5
176	20.0	14.8	22.2

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#15

Fluoranthene

Concen: 0.455 ng/ul

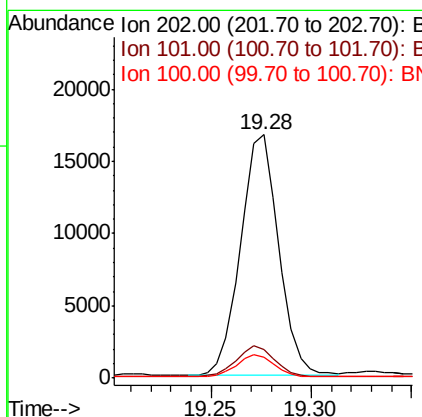
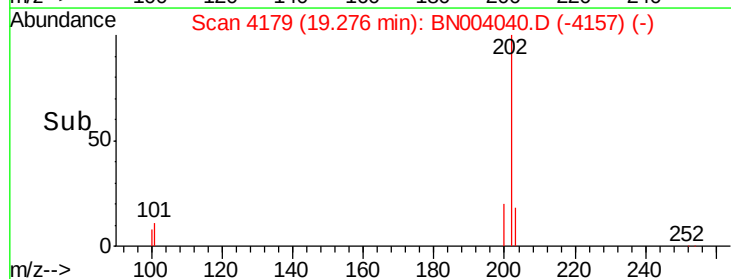
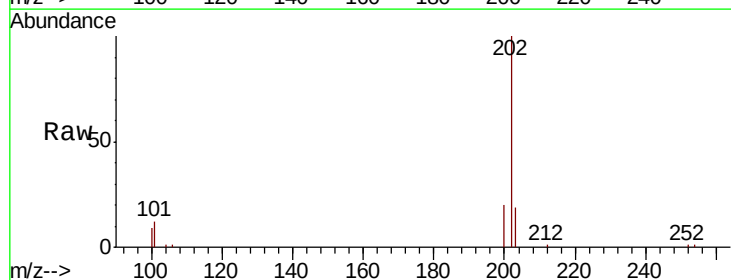
RT: 19.28 min Scan# 4179

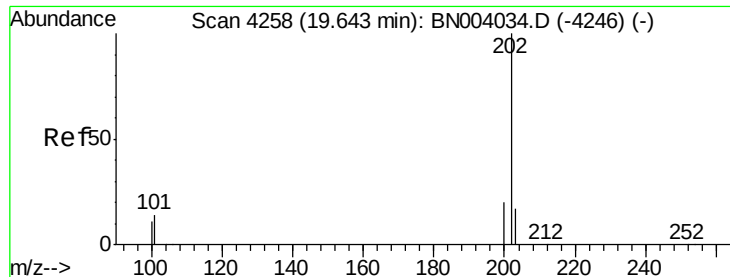
Delta R.T. 0.00 min

Lab File: BN004040.D

Acq: 17 Dec 2018 17:49

Tgt Ion:	202	Resp:	21987
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	30.7
100	8.6	0.0	28.1





#17

Pyrene

Concen: 0.725 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004040.D

Acq: 17 Dec 2018 17:49

Instrument :

BNA_N

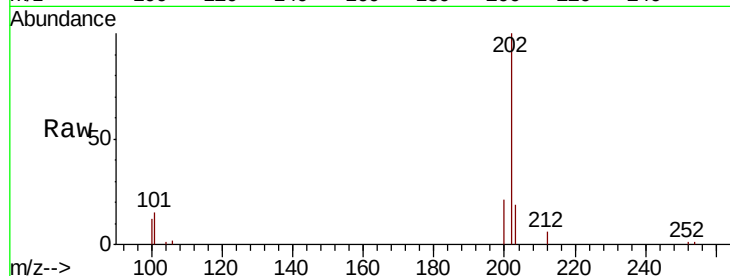
ClientSampleId :

F9F08DL

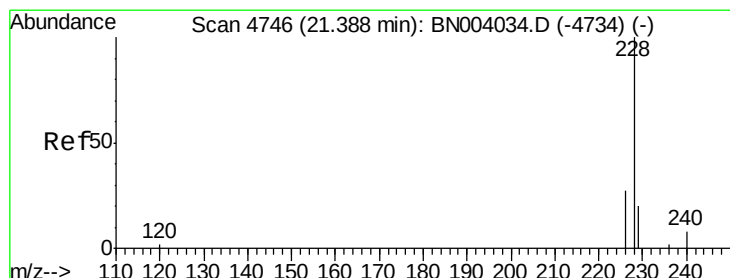
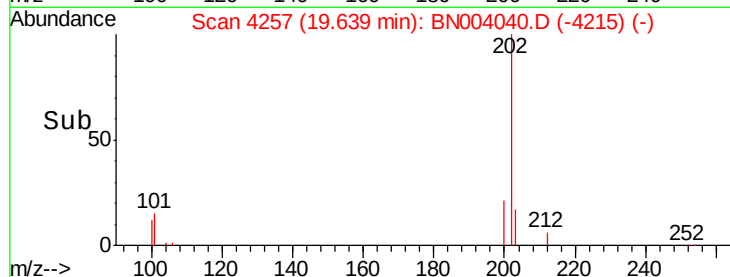
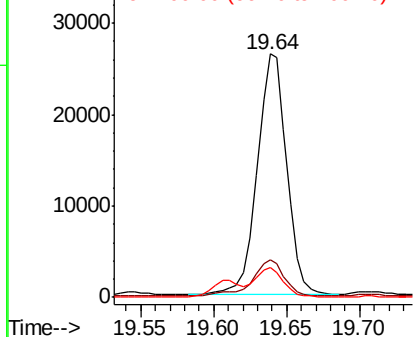
Tgt Ion:	202	Resp:	37078
Ion Ratio	Lower	Upper	
202	100		
101	15.4	10.3	15.5
100	12.2	8.5	12.7

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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: 0.389 ng/ul

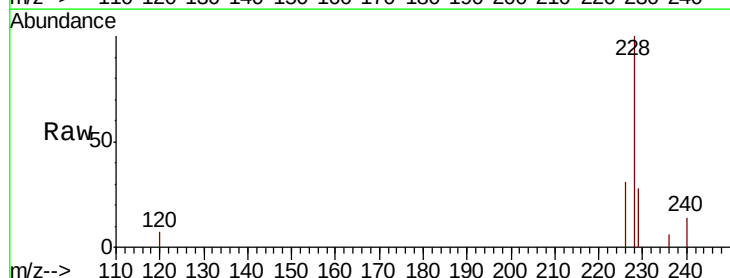
RT: 21.39 min Scan# 4746

Delta R.T. 0.00 min

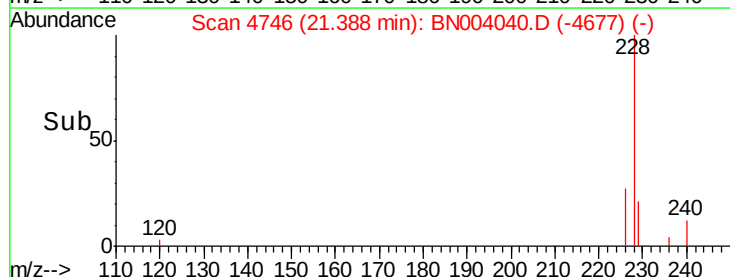
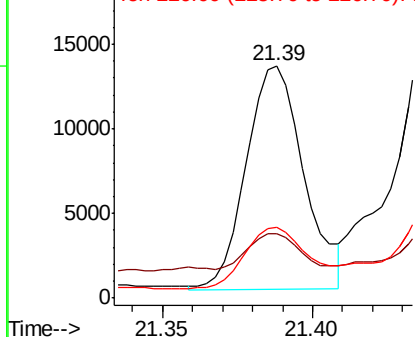
Lab File: BN004040.D

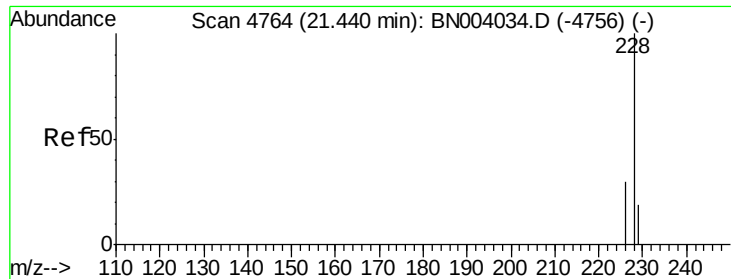
Acq: 17 Dec 2018 17:49

Tgt Ion:	228	Resp:	17527
Ion Ratio	Lower	Upper	
228	100		
229	27.9	15.6	23.4#
226	30.7	21.1	31.7



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: 0.483 ng/ul

RT: 21.44 min Scan# 4764

Delta R.T. 0.00 min

Lab File: BN004040.D

Acq: 17 Dec 2018 17:49

Instrument :

BNA_N

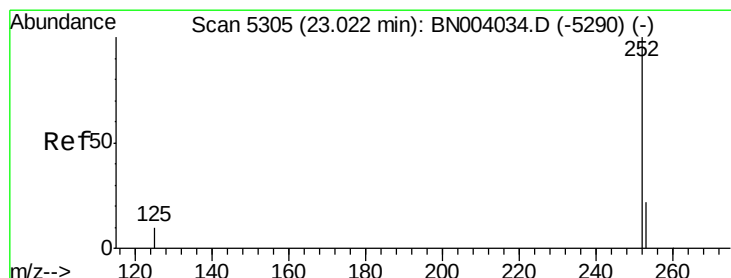
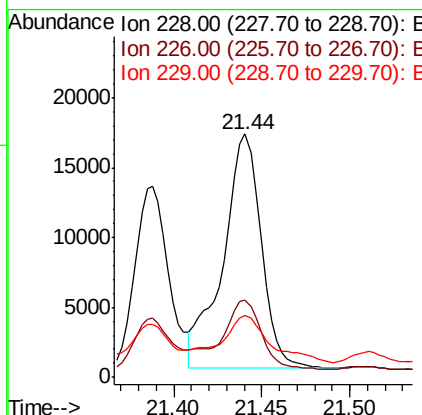
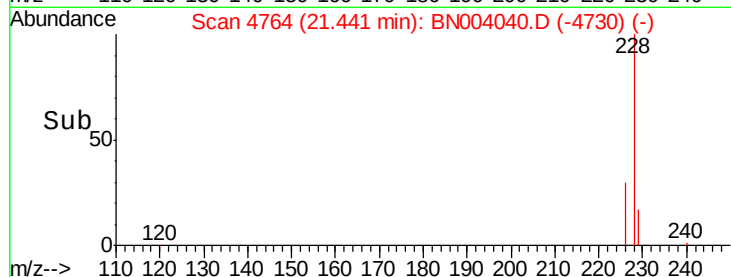
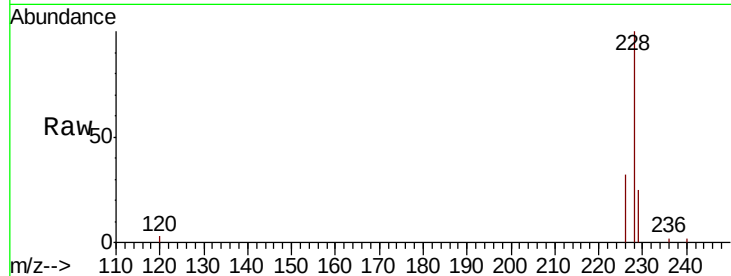
ClientSampleId :

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Tgt Ion:	228	Resp:	24905
Ion Ratio	Lower	Upper	
228	100		
226	31.9	24.0	36.0
229	25.5	15.7	23.5#

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#21

Benzo(b)fluoranthene

Concen: 0.314 ng/ul m

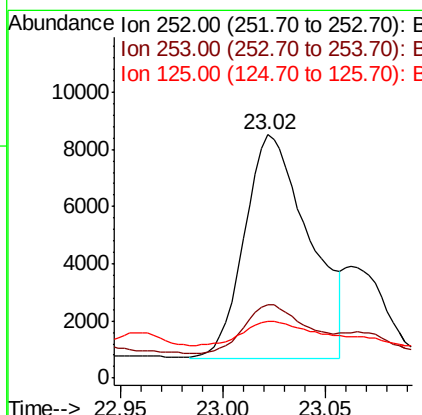
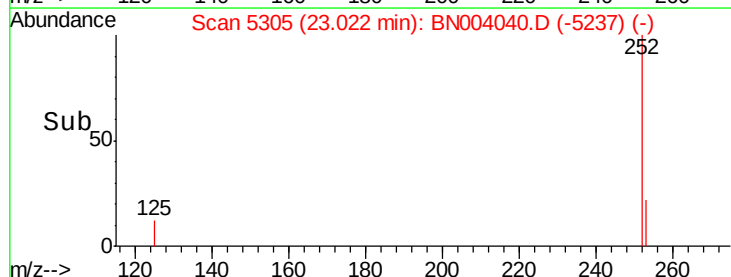
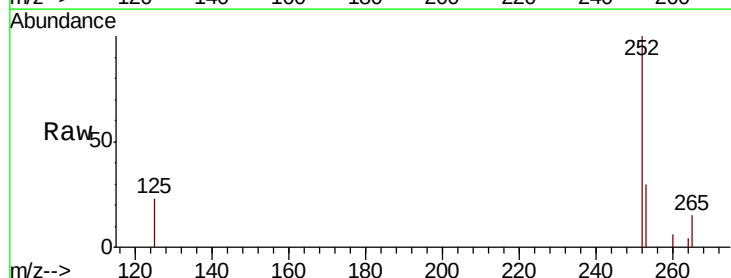
RT: 23.02 min Scan# 5305

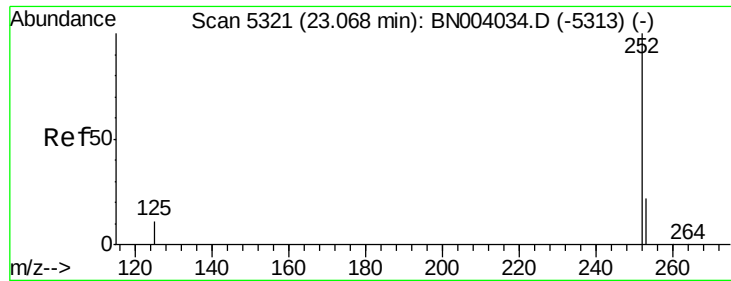
Delta R.T. 0.00 min

Lab File: BN004040.D

Acq: 17 Dec 2018 17:49

Tgt Ion:	252	Resp:	17093
Ion Ratio	Lower	Upper	
252	100		
253	30.3	0.0	46.0
125	23.2	0.0	22.4#





#22

Benzo(k)fluoranthene

Concen: 0.087 ng/ul m

RT: 23.06 min Scan# 5319

Delta R.T. -0.01 min

Lab File: BN004040.D

Acq: 17 Dec 2018 17:49

Instrument :

BNA_N

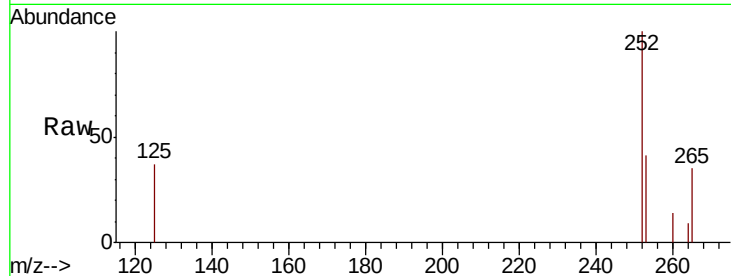
ClientSampleId :

F9F08DL

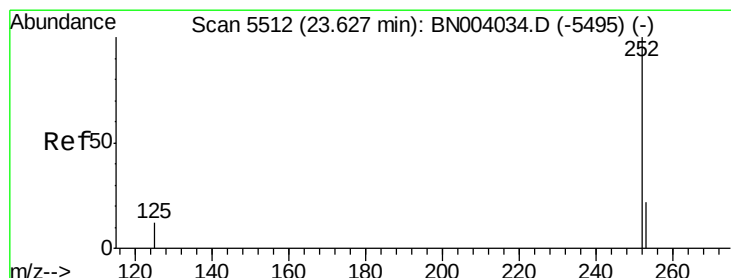
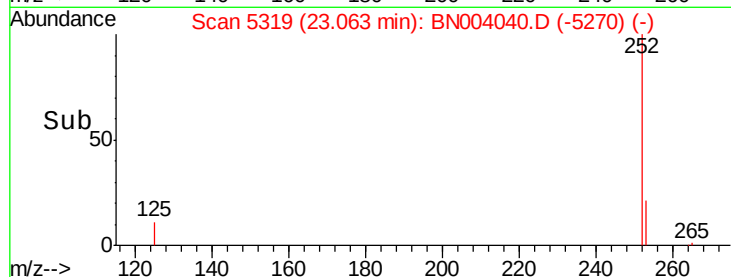
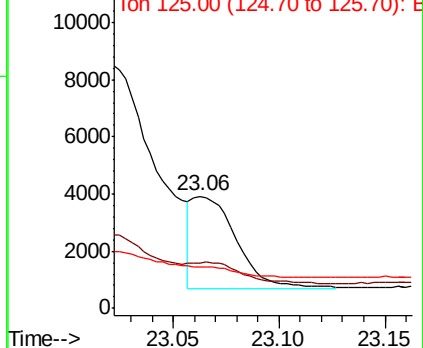
Tgt Ion:	252	Resp:	4625
Ion Ratio	Lower	Upper	
252	100		
253	40.7	18.5	27.7#
125	37.3	9.0	13.6#

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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: 0.297 ng/ul

RT: 23.62 min Scan# 5511

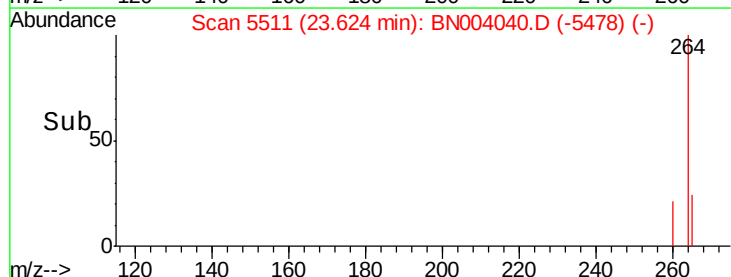
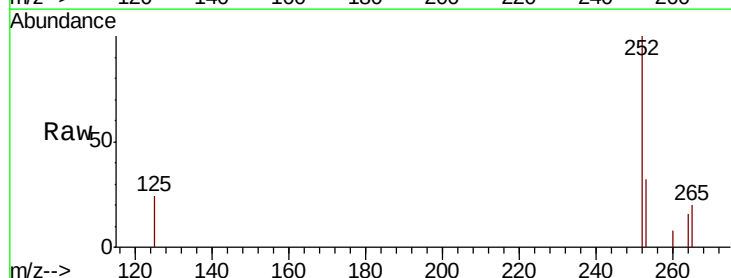
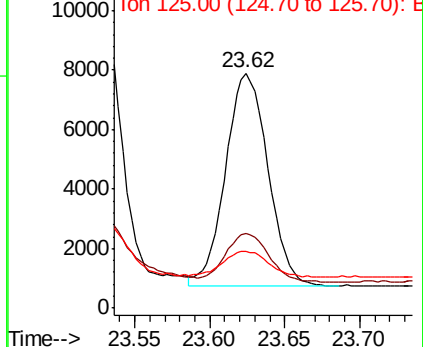
Delta R.T. -0.00 min

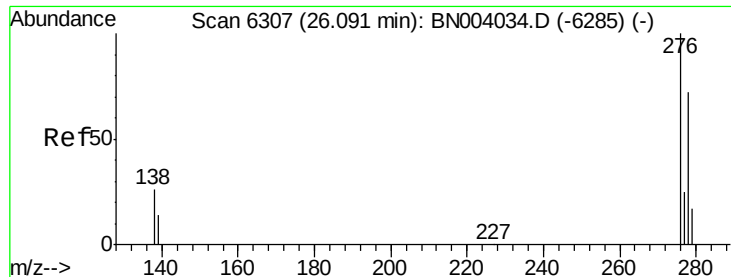
Lab File: BN004040.D

Acq: 17 Dec 2018 17:49

Tgt Ion:	252	Resp:	13973
Ion Ratio	Lower	Upper	
252	100		
253	31.8	19.0	28.4#
125	24.4	10.2	15.4#

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

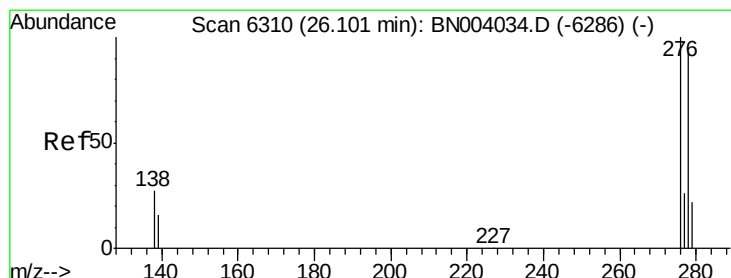
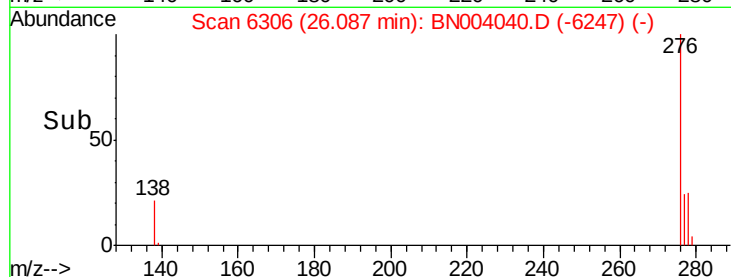
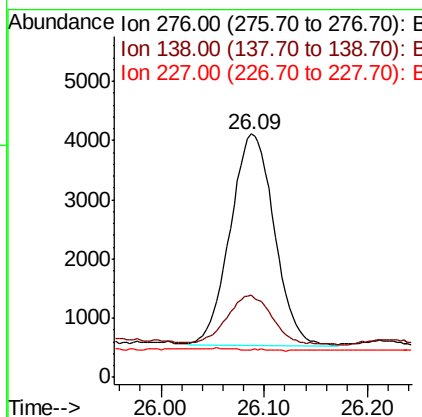
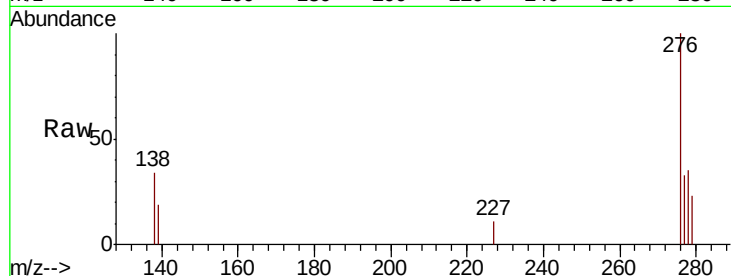
Indeno(1,2,3-cd)pyrene
Concen: 0.195 ng/ul
RT: 26.09 min Scan# 6306
Delta R.T. -0.00 min
Lab File: BN004040.D
Acq: 17 Dec 2018 17:49

Instrument :
BNA_N
ClientSampled :
F9F08DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.3	30.5
227	0.4	0.2	0.2#

Manual Integrations
APPROVED

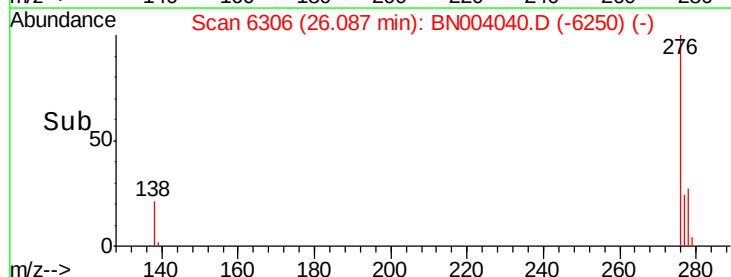
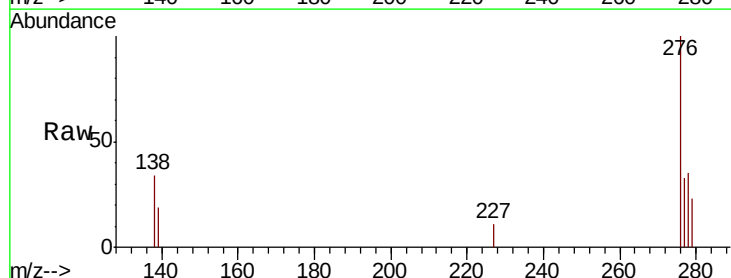
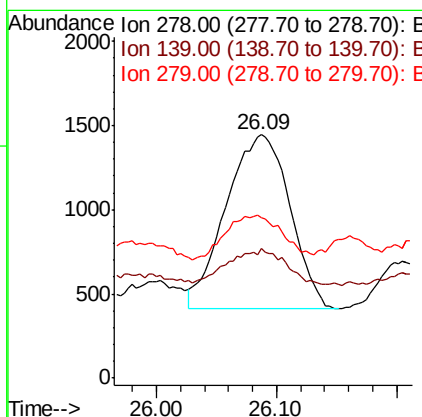
Sohil
12/18/2018 5:56:03 PM

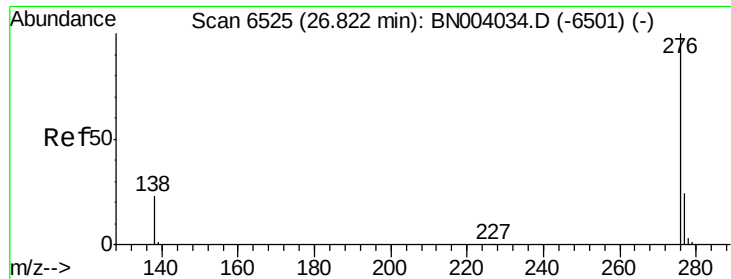


#25

Dibenzo(a,h)anthracene
Concen: 0.088 ng/ul
RT: 26.09 min Scan# 6306
Delta R.T. -0.01 min
Lab File: BN004040.D
Acq: 17 Dec 2018 17:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	53.4	14.2	21.4#
279	66.0	19.8	29.6#





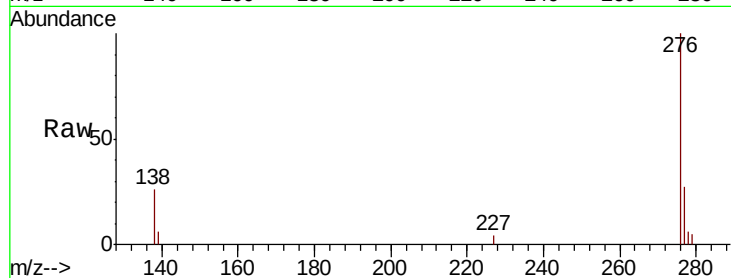
#26
 Benzo(g,h,i)perylene
 Concen: 0.767 ng/ul
 RT: 26.82 min Scan# 6525
 Delta R.T. 0.00 min
 Lab File: BN004040.D
 Acq: 17 Dec 2018 17:49

Instrument :
 BNA_N
 ClientSampleId :
 F9F08DL

Tgt Ion:	276	Resp:	36003
Ion Ratio	Lower	Upper	
276	100		
138	26.4	17.7	26.5
277	26.6	19.3	28.9

Manual Integrations
 APPROVED

Sohil
 12/18/2018 5:56:03 PM



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

