

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
 Data File : BN006988.D
 Acq On : 07 Aug 2019 15:34
 Operator : HP/JU
 Sample : K3893-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENY7

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:14:32 AM

Quant Time: Aug 07 17:49:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	5441	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	22136	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	13715	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	34950m	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	32261m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	30021m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	7602	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	24873m	0.22	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.28	128	3678	0.058	ng/ul#	90
5) 2-Methylnaphthalene	11.91	142	1929	0.040	ng/ul	97
7) Acenaphthylene	13.83	152	10369	0.130	ng/ul	97
8) Acenaphthene	14.18	153	7190	0.132	ng/ul	99
9) Fluorene	15.17	166	9351	0.142	ng/ul	99
12) Phenanthrene	16.90	178	244565m	2.196	ng/ul	
13) Anthracene	16.99	178	41135m	0.361	ng/ul	
15) Fluoranthene	18.93	202	741401m	5.355	ng/ul	
17) Pyrene	19.30	202	607401	4.217	ng/ul	100
18) Benzo(a)anthracene	21.06	228	334078m	2.357	ng/ul	
19) Chrysene	21.11	228	385194	2.903	ng/ul	97
21) Benzo(b)fluoranthene	22.58	252	524804m	4.312	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	201375m	1.707	ng/ul	
23) Benzo(a)pyrene	23.12	252	307154m	2.680	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.31	276	211952	1.716	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.32	278	48133	0.488	ng/ul	97
26) Benzo(g,h,i)perylene	25.94	276	167933	1.621	ng/ul	99

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

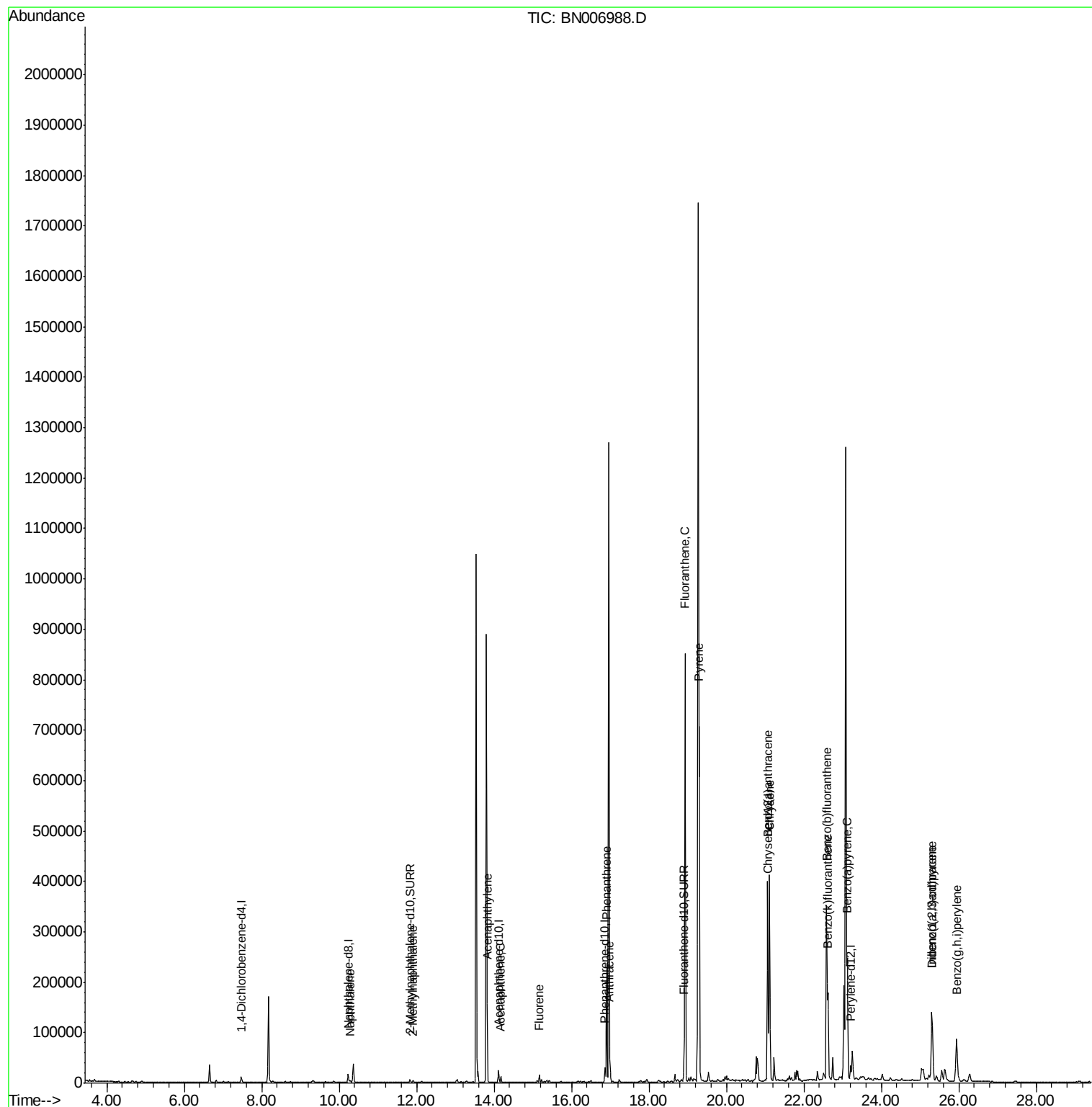
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN006988.D
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ALS Vial : 10 Sample Multiplier: 1

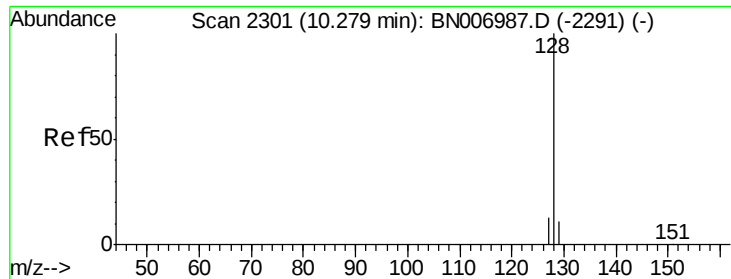
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
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#3

Naphthalene

Concen: 0.058 ng/ul

RT: 10.28 min Scan# 2301

Delta R.T. 0.00 min

Lab File: BN006988.D

Acq: 07 Aug 2019 15:34

Instrument :

BNA_N

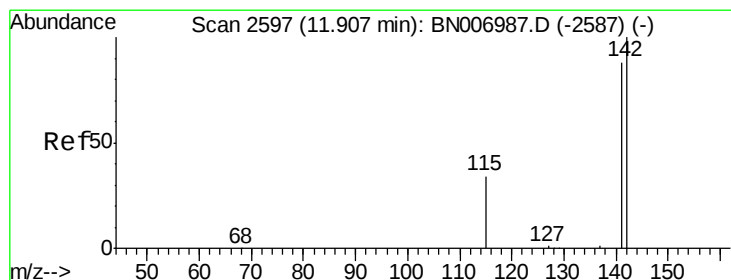
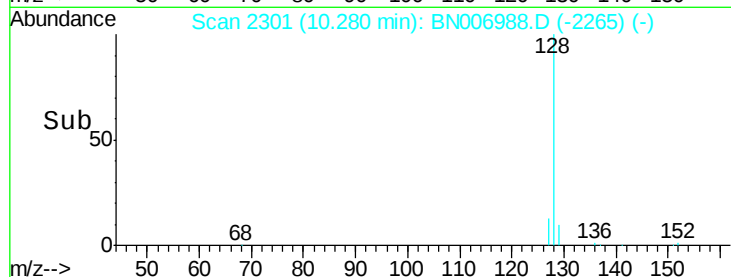
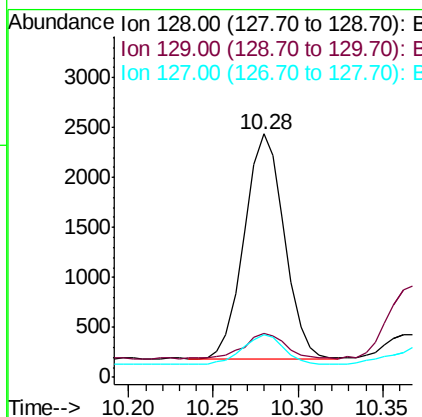
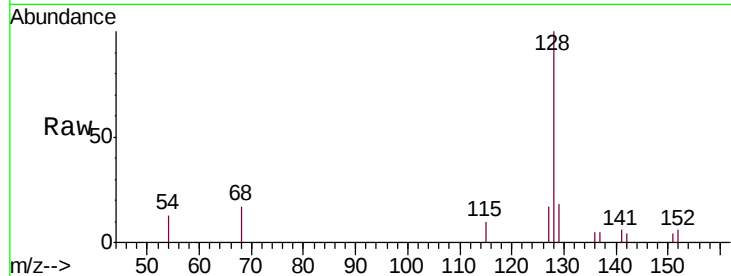
ClientSampleId :

BENY7

Tgt Ion:	128	Resp:	3678
Ion Ratio		Lower	Upper
128	100		
129	18.1	10.0	15.0#
127	17.3	11.7	17.5

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#5

2-Methylnaphthalene

Concen: 0.040 ng/ul

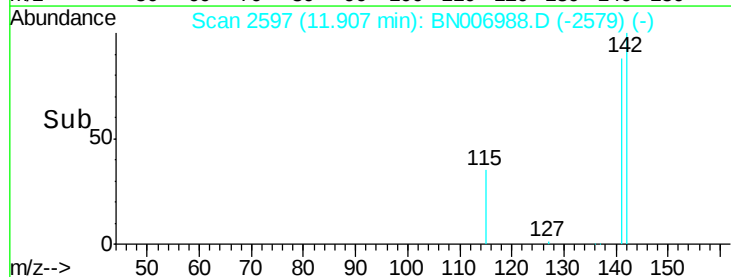
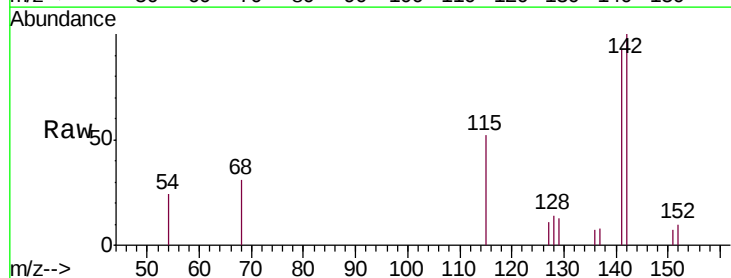
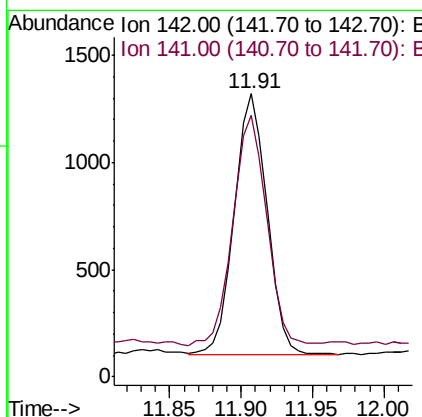
RT: 11.91 min Scan# 2597

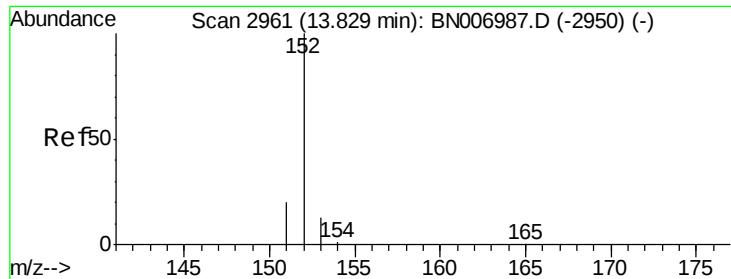
Delta R.T. 0.00 min

Lab File: BN006988.D

Acq: 07 Aug 2019 15:34

Tgt Ion:	142	Resp:	1929
Ion Ratio		Lower	Upper
142	100		
141	91.3	71.0	106.6





#7

Acenaphthylene

Concen: 0.130 ng/ul

RT: 13.83 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BN006988.D

Acq: 07 Aug 2019 15:34

Instrument :

BNA_N

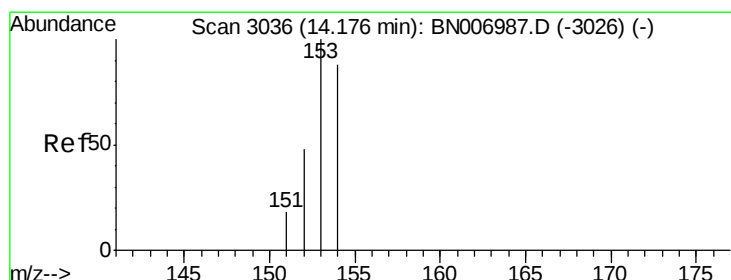
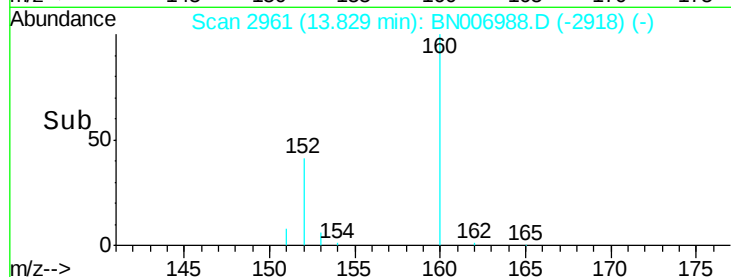
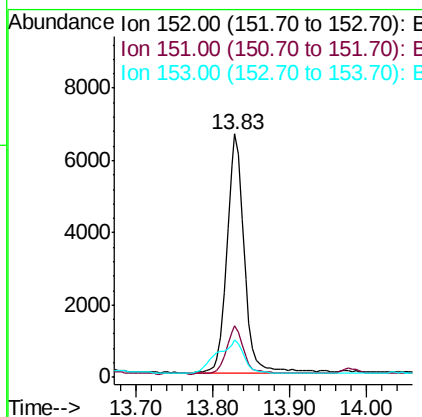
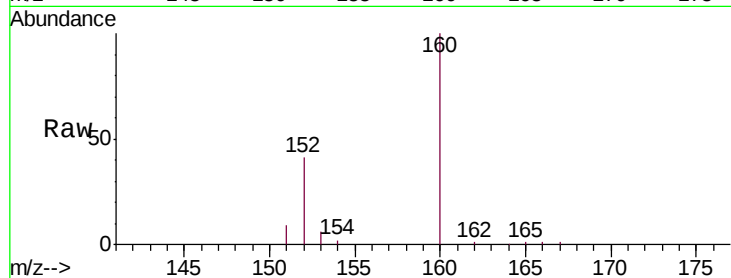
ClientSampleId :

BENY7

Tgt Ion:	152	Resp:	10369
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.3	24.5
153	15.6	11.0	16.4

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#8

Acenaphthene

Concen: 0.132 ng/ul

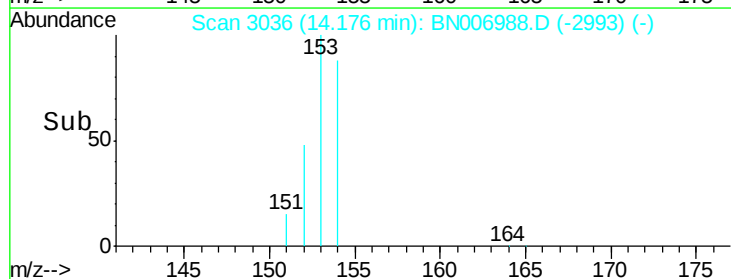
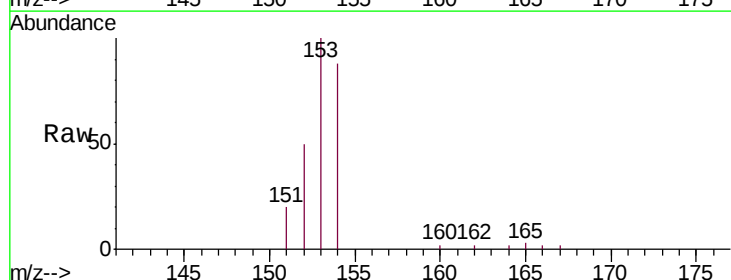
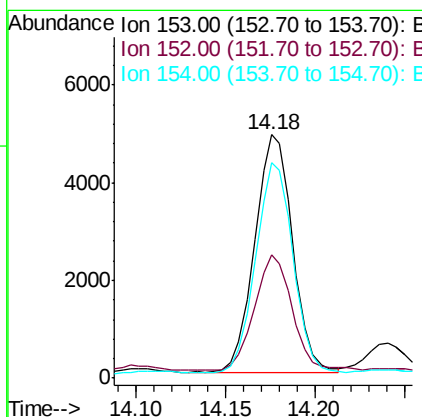
RT: 14.18 min Scan# 3036

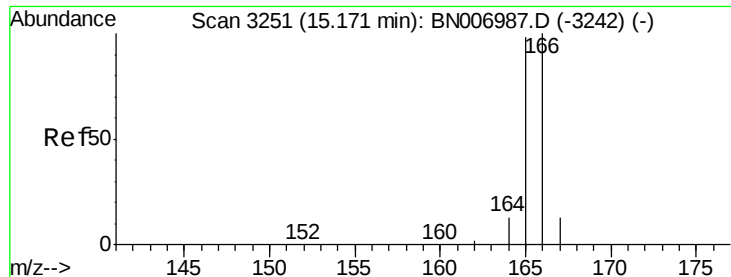
Delta R.T. -0.00 min

Lab File: BN006988.D

Acq: 07 Aug 2019 15:34

Tgt Ion:	153	Resp:	7190
Ion Ratio	Lower	Upper	
153	100		
152	50.4	39.4	59.2
154	88.2	70.1	105.1





#9

Fluorene

Concen: 0.142 ng/ul

RT: 15.17 min Scan# 3251

Delta R.T. -0.00 min

Lab File: BN006988.D

Acq: 07 Aug 2019 15:34

Instrument :

BNA_N

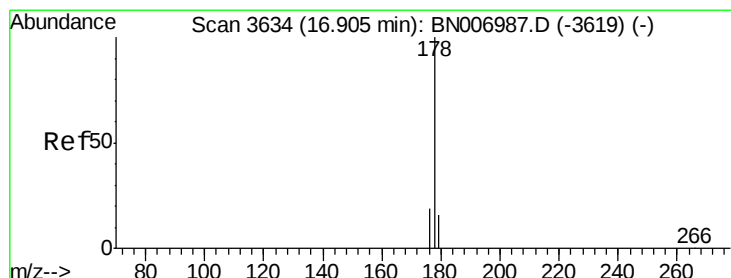
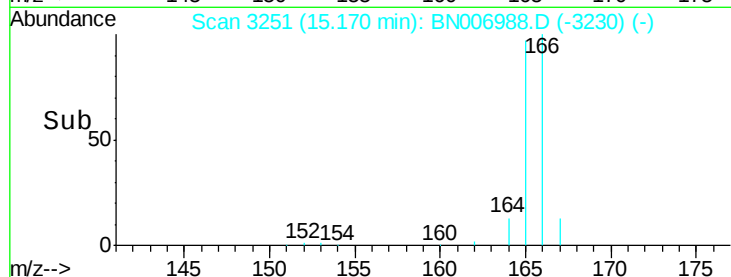
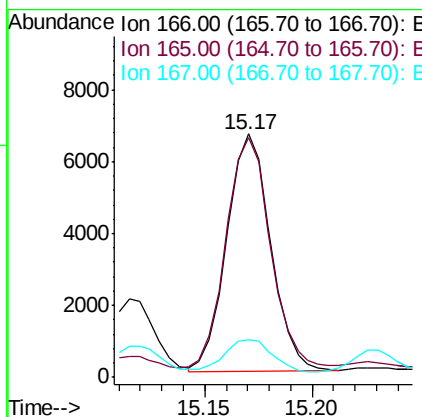
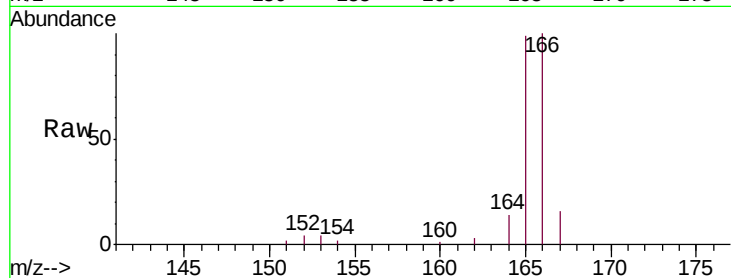
ClientSampleId :

BENY7

Tgt Ion:	166	Resp:	9351
Ion Ratio	Lower	Upper	
166	100		
165	98.6	78.8	118.2
167	15.6	11.3	16.9

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#12

Phenanthrene

Concen: 2.196 ng/ul m

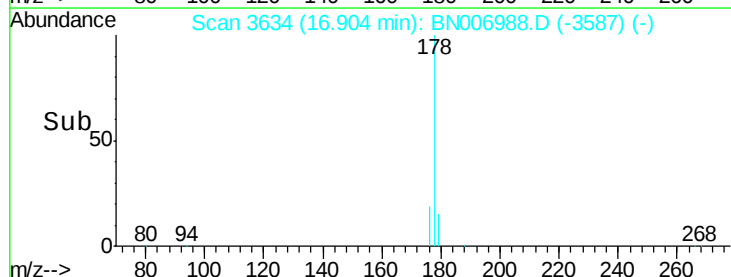
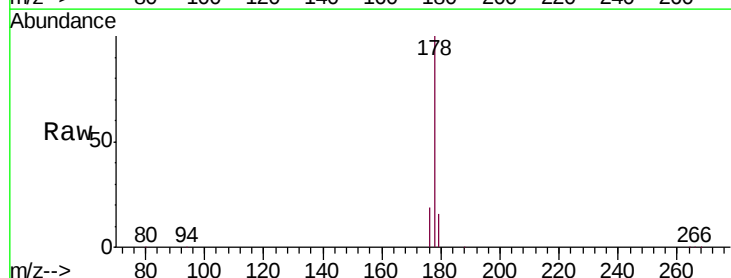
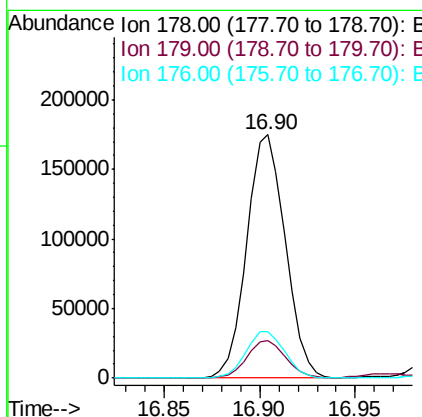
RT: 16.90 min Scan# 3634

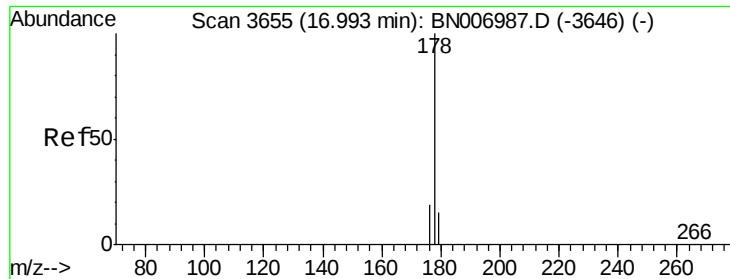
Delta R.T. -0.00 min

Lab File: BN006988.D

Acq: 07 Aug 2019 15:34

Tgt Ion:	178	Resp:	244565
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.5	18.7
176	19.0	15.6	23.4





#13

Anthracene

Concen: 0.361 ng/ul m

RT: 16.99 min Scan# 3655

Delta R.T. -0.00 min

Lab File: BN006988.D

Acq: 07 Aug 2019 15:34

Instrument :

BNA_N

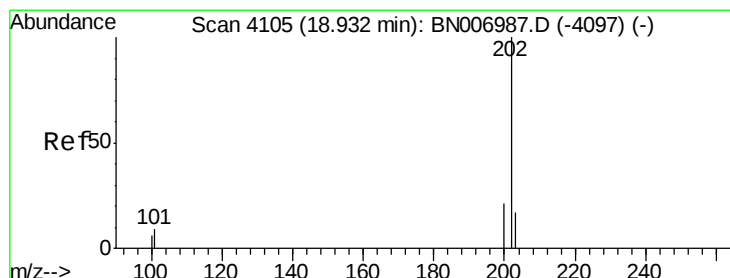
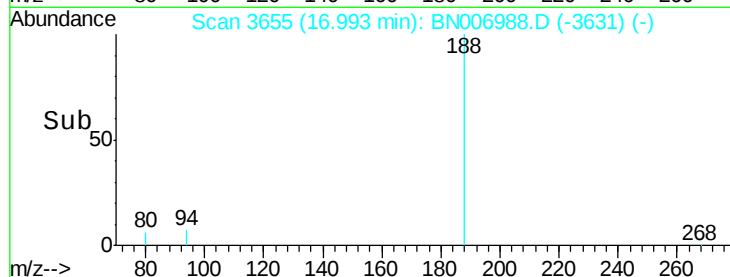
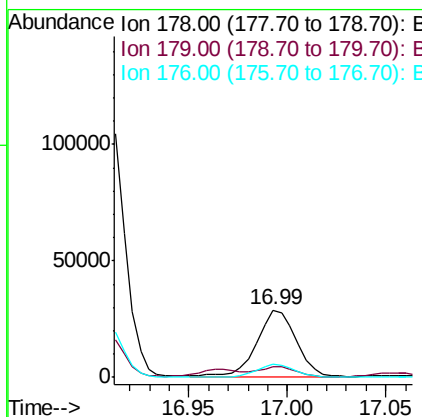
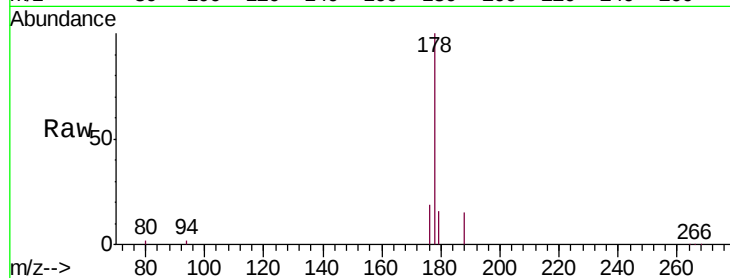
ClientSampleId :

BENY7

Tgt Ion:	178	Resp:	41135
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.6	18.8
176	18.8	15.4	23.0

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#15

Fluoranthene

Concen: 5.355 ng/ul m

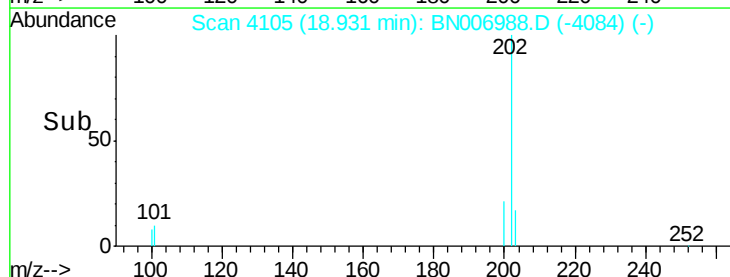
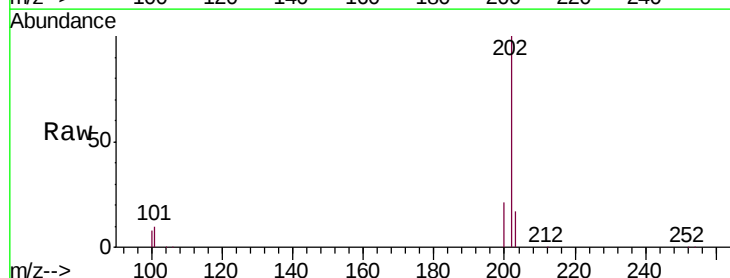
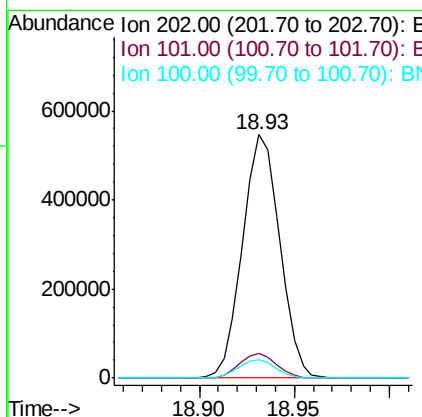
RT: 18.93 min Scan# 4105

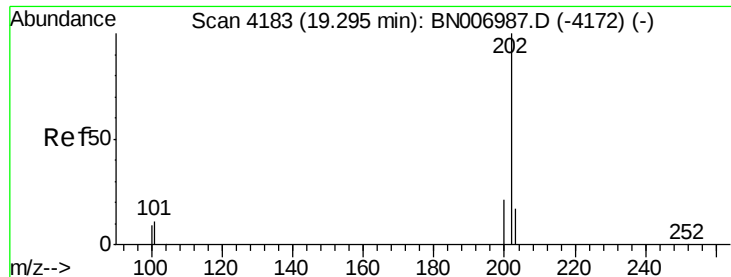
Delta R.T. -0.00 min

Lab File: BN006988.D

Acq: 07 Aug 2019 15:34

Tgt Ion:	202	Resp:	741401
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	30.0
100	7.5	0.0	27.7





#17

Pyrene

Concen: 4.217 ng/ul

RT: 19.30 min Scan# 4184

Delta R.T. -0.00 min

Lab File: BN006988.D

Acq: 07 Aug 2019 15:34

Instrument :

BNA_N

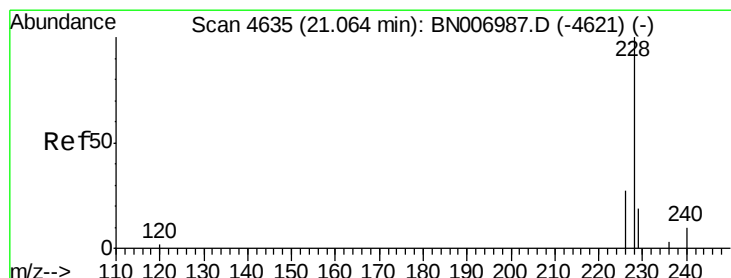
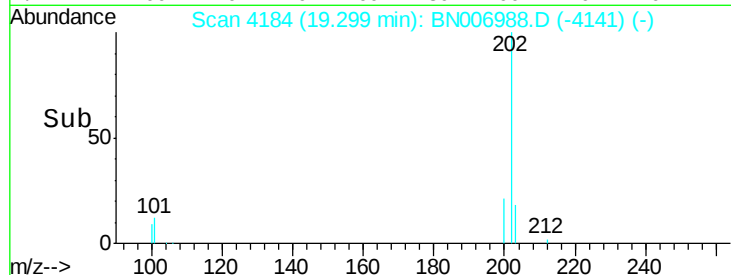
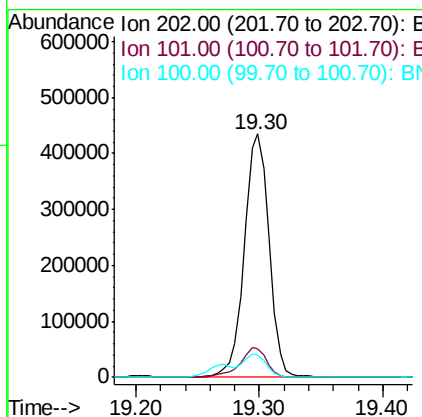
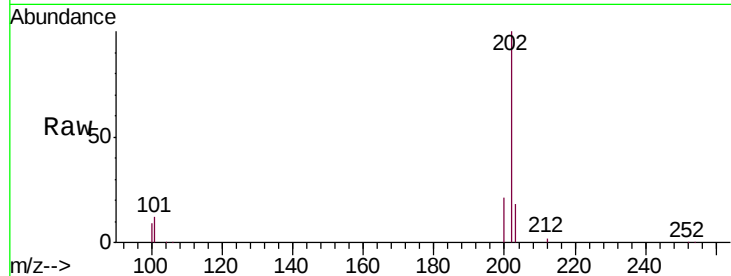
ClientSampleId :

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Tgt Ion:	202	Resp:	607401
Ion Ratio	Lower	Upper	
202	100		
101	11.7	9.3	13.9
100	9.2	7.3	10.9

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#18

Benzo(a)anthracene

Concen: 2.357 ng/ul m

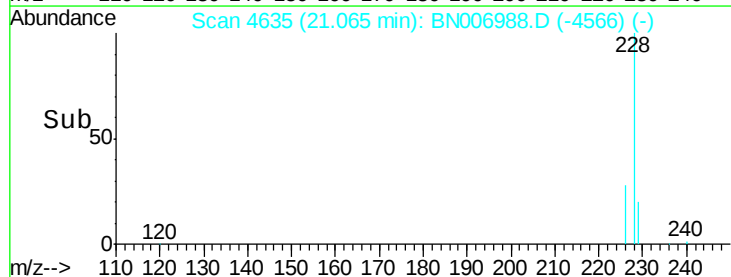
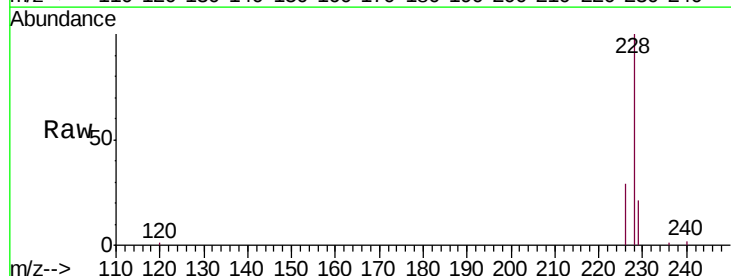
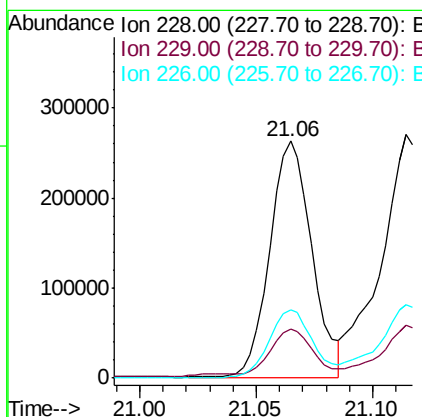
RT: 21.06 min Scan# 4635

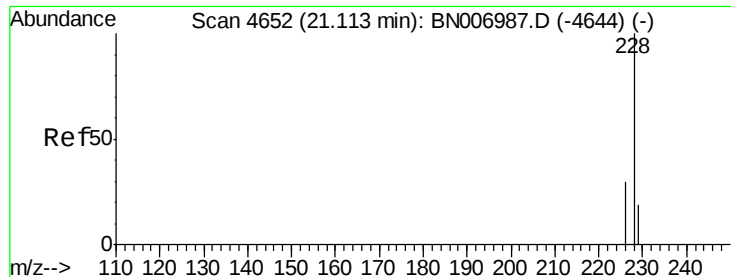
Delta R.T. 0.00 min

Lab File: BN006988.D

Acq: 07 Aug 2019 15:34

Tgt Ion:	228	Resp:	334078
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.9	23.9
226	28.7	22.2	33.4





#19

Chrysene

Concen: 2.903 ng/ul

RT: 21.11 min Scan# 4652

Delta R.T. 0.00 min

Lab File: BN006988.D

Acq: 07 Aug 2019 15:34

Instrument :

BNA_N

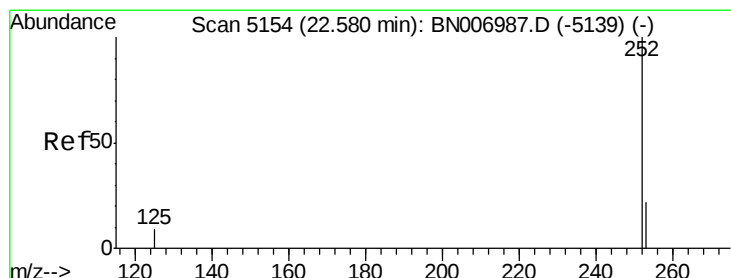
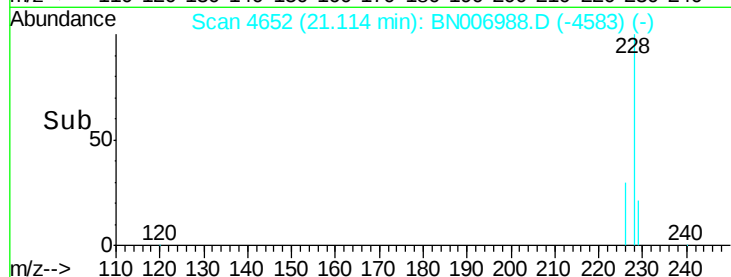
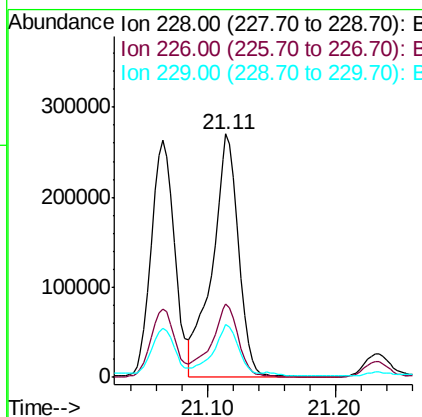
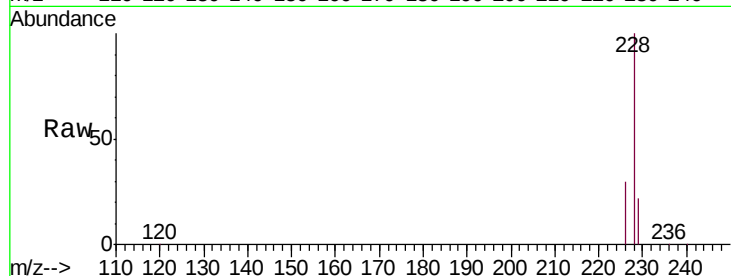
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Tgt Ion:	228	Resp:	385194
Ion Ratio		Lower	Upper
228	100		
226	30.2	24.7	37.1
229	21.7	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 4.312 ng/ul m

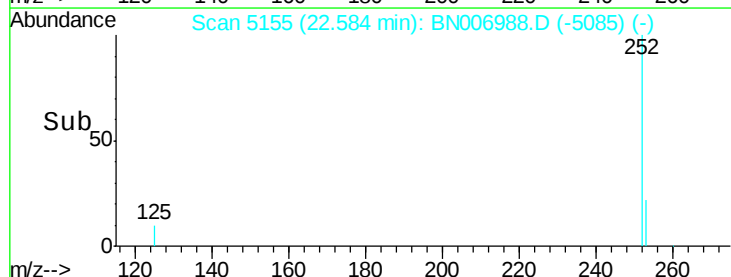
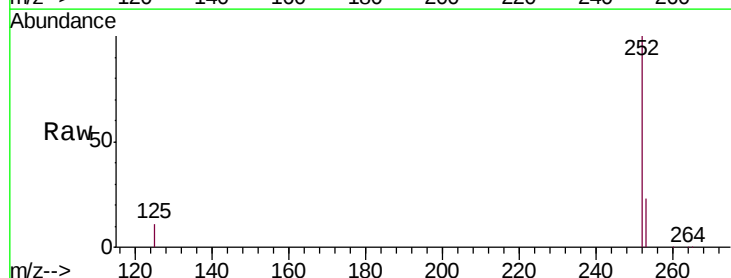
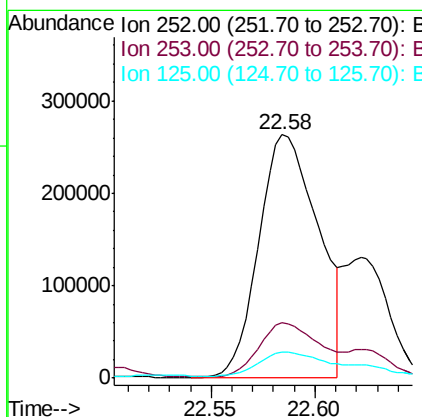
RT: 22.58 min Scan# 5155

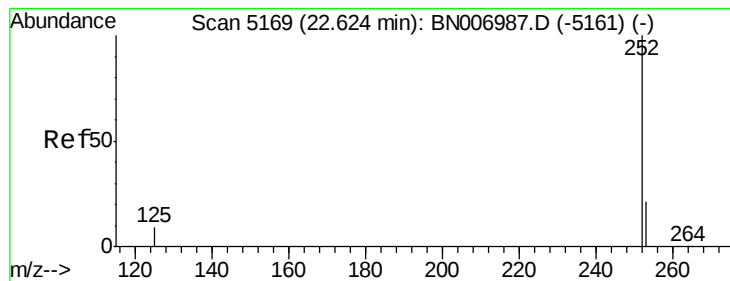
Delta R.T. 0.00 min

Lab File: BN006988.D

Acq: 07 Aug 2019 15:34

Tgt Ion:	252	Resp:	524804
Ion Ratio		Lower	Upper
252	100		
253	22.7	0.0	45.2
125	10.6	0.0	22.2





#22

Benzo(k)fluoranthene

Concen: 1.707 ng/ul m

RT: 22.62 min Scan# 5168

Delta R.T. -0.00 min

Lab File: BN006988.D

Acq: 07 Aug 2019 15:34

Instrument :

BNA_N

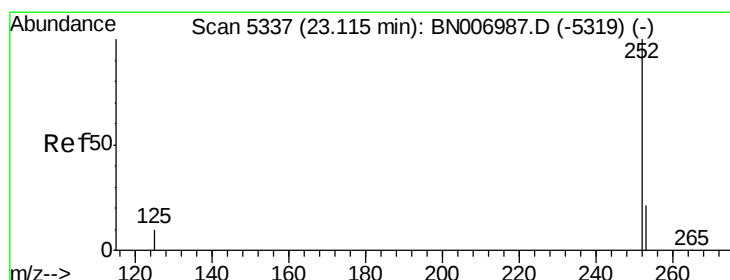
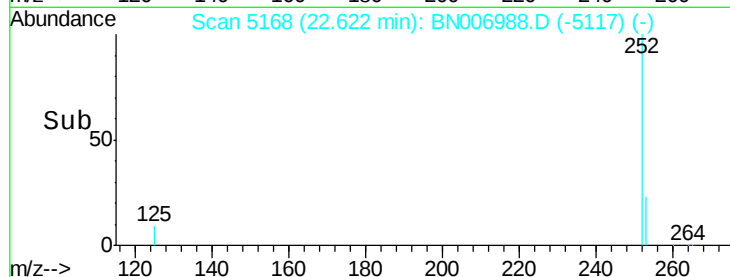
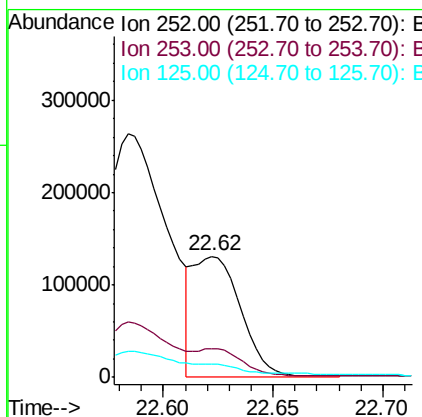
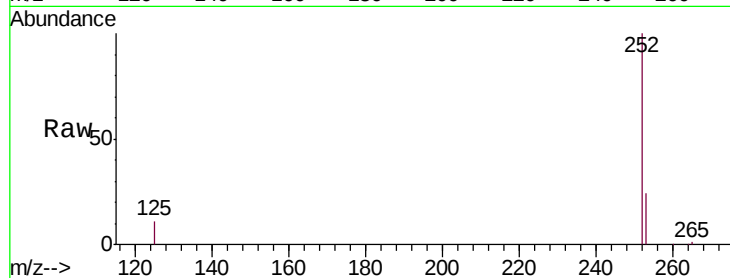
ClientSampleId :

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Tgt Ion:	252	Resp:	201375
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.6	28.0
125	11.0	8.7	13.1

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#23

Benzo(a)pyrene

Concen: 2.680 ng/ul m

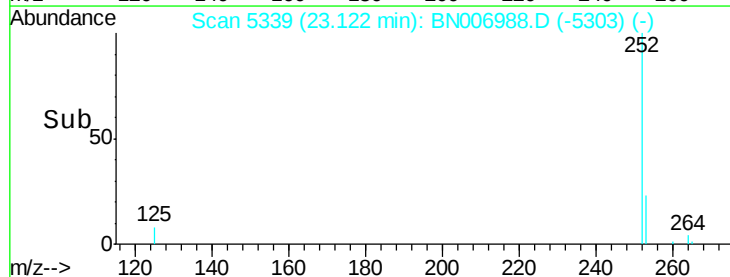
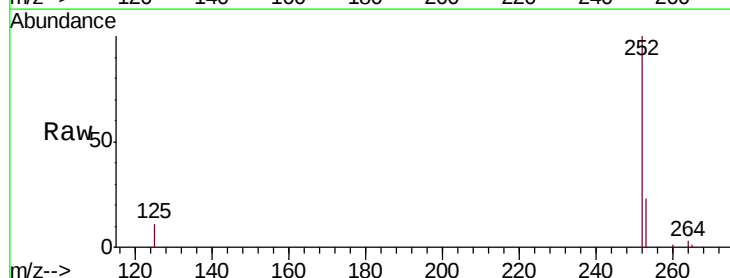
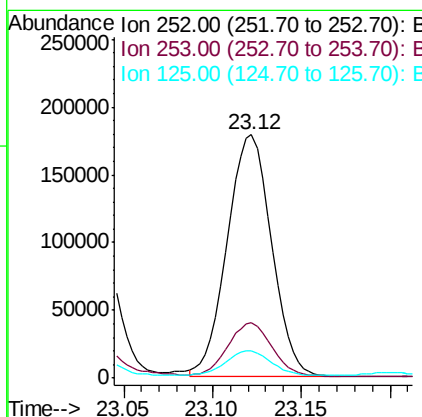
RT: 23.12 min Scan# 5339

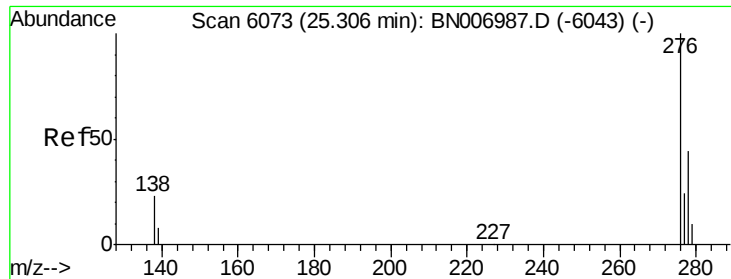
Delta R.T. 0.01 min

Lab File: BN006988.D

Acq: 07 Aug 2019 15:34

Tgt Ion:	252	Resp:	307154
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.0	27.0
125	11.1	10.0	15.0





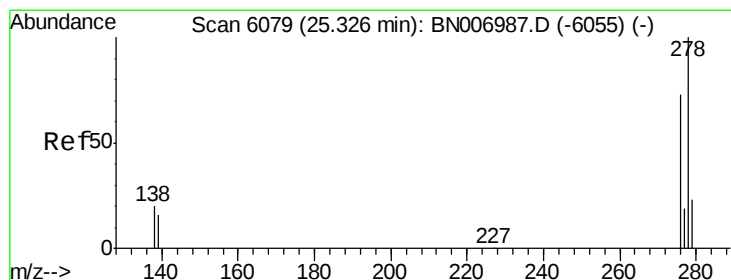
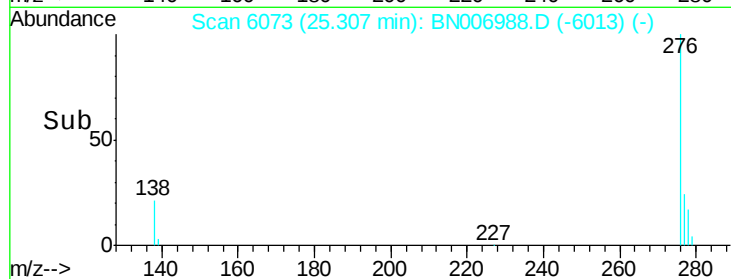
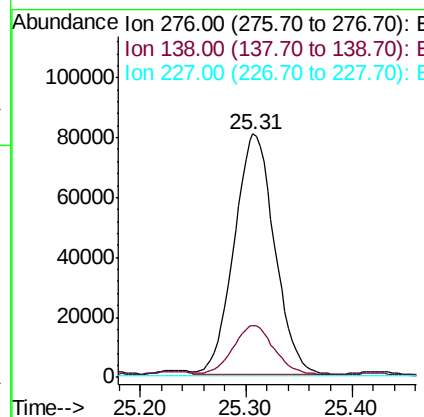
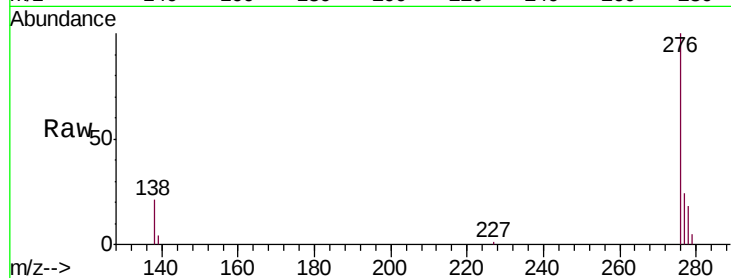
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.716 ng/ul
 RT: 25.31 min Scan# 6073
 Delta R.T. 0.00 min
 Lab File: BN006988.D
 Acq: 07 Aug 2019 15:34

Instrument :
 BNA_N
 ClientSampleId :
 BENY7

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	211952		
138	21.0	19.9	29.9	
227	0.2	0.2	0.4#	

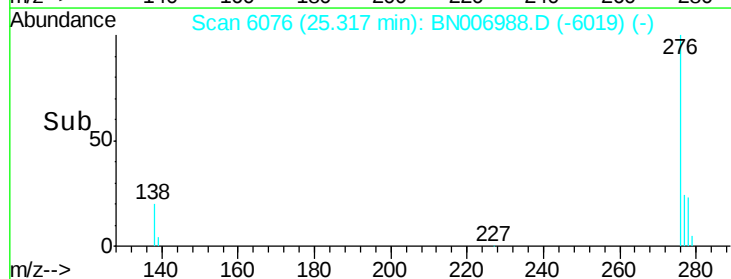
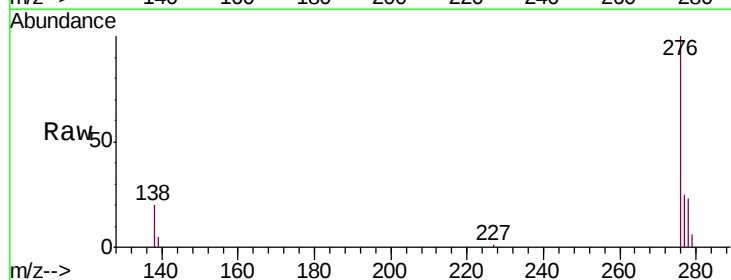
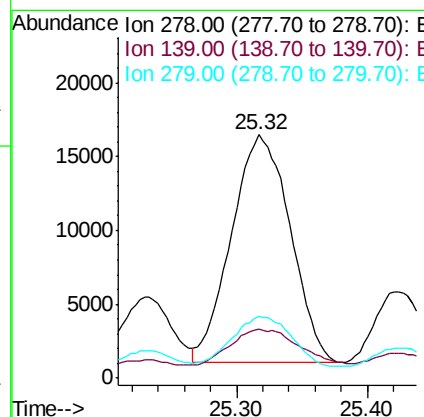
Manual Integrations
 APPROVED

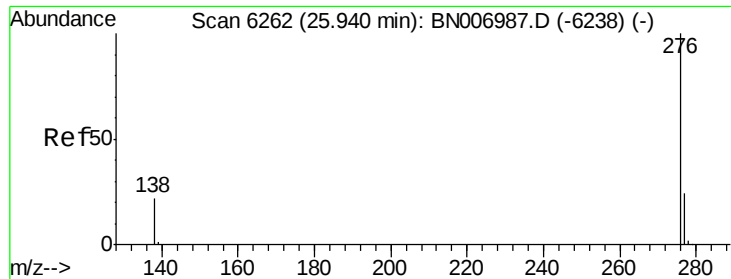
mohammad
 8/9/2019 6:14:32 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.488 ng/ul
 RT: 25.32 min Scan# 6076
 Delta R.T. -0.01 min
 Lab File: BN006988.D
 Acq: 07 Aug 2019 15:34

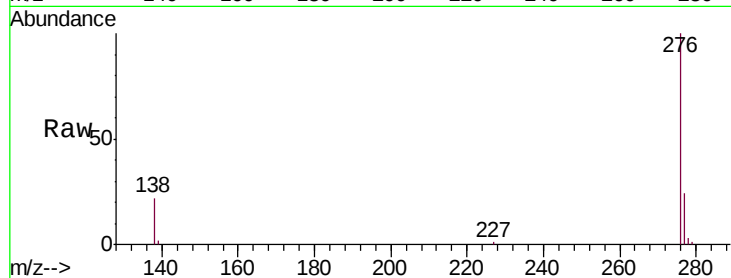
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	48133		
139	20.3	14.3	21.5	
279	25.4	19.6	29.4	





#26
Benzo(g,h,i)perylene
Concen: 1.621 ng/ul
RT: 25.94 min Scan# 6263
Delta R.T. 0.01 min
Lab File: BN006988.D
Acq: 07 Aug 2019 15:34

Instrument :
BNA_N
ClientSampleId :
BENY7



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	22.3	18.7	28.1	
277	24.1	19.3	28.9	

Manual Integrations
APPROVED

mohammad
8/9/2019 6:14:32 AM

