

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
 Data File : BN006496.D
 Acq On : 22 Jun 2019 19:15
 Operator : HP/JU
 Sample : K3335-07RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4234RE

Manual Integrations
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mohammad
 6/25/2019 8:44:31 AM

Quant Time: Jun 24 08:36:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4533	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	18134	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	9956	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	294686	0.40	ng/ul	0.01
16) Chrysene-d12	21.26	240	14654	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	11022m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	7069	0.25	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	17413	0.02	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	3629	0.073	ng/ul#	93
5) 2-Methylnaphthalene	12.08	142	1269	0.036	ng/ul	99
7) Acenaphthylene	14.00	152	7605	0.137	ng/ul	98
8) Acenaphthene	14.34	153	3132	0.082	ng/ul	98
9) Fluorene	15.34	166	4401	0.098	ng/ul#	97
12) Phenanthrene	17.08	178	84856	0.090	ng/ul	99
13) Anthracene	17.17	178	20426	0.023	ng/ul	99
15) Fluoranthene	19.11	202	178260	0.171	ng/ul	99
17) Pyrene	19.48	202	163858	2.123	ng/ul	99
18) Benzo(a)anthracene	21.24	228	70068	1.081	ng/ul	100
19) Chrysene	21.29	228	68019	1.118	ng/ul	99
21) Benzo(b)fluoranthene	22.82	252	77990m	1.697	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	28265m	0.631	ng/ul	
23) Benzo(a)pyrene	23.39	252	51881m	1.212	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.71	276	31864m	0.688	ng/ul	
25) Dibenzo(a,h)anthracene	25.72	278	8393m	0.227	ng/ul	
26) Benzo(g,h,i)perylene	26.40	276	25036m	0.645	ng/ul	

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

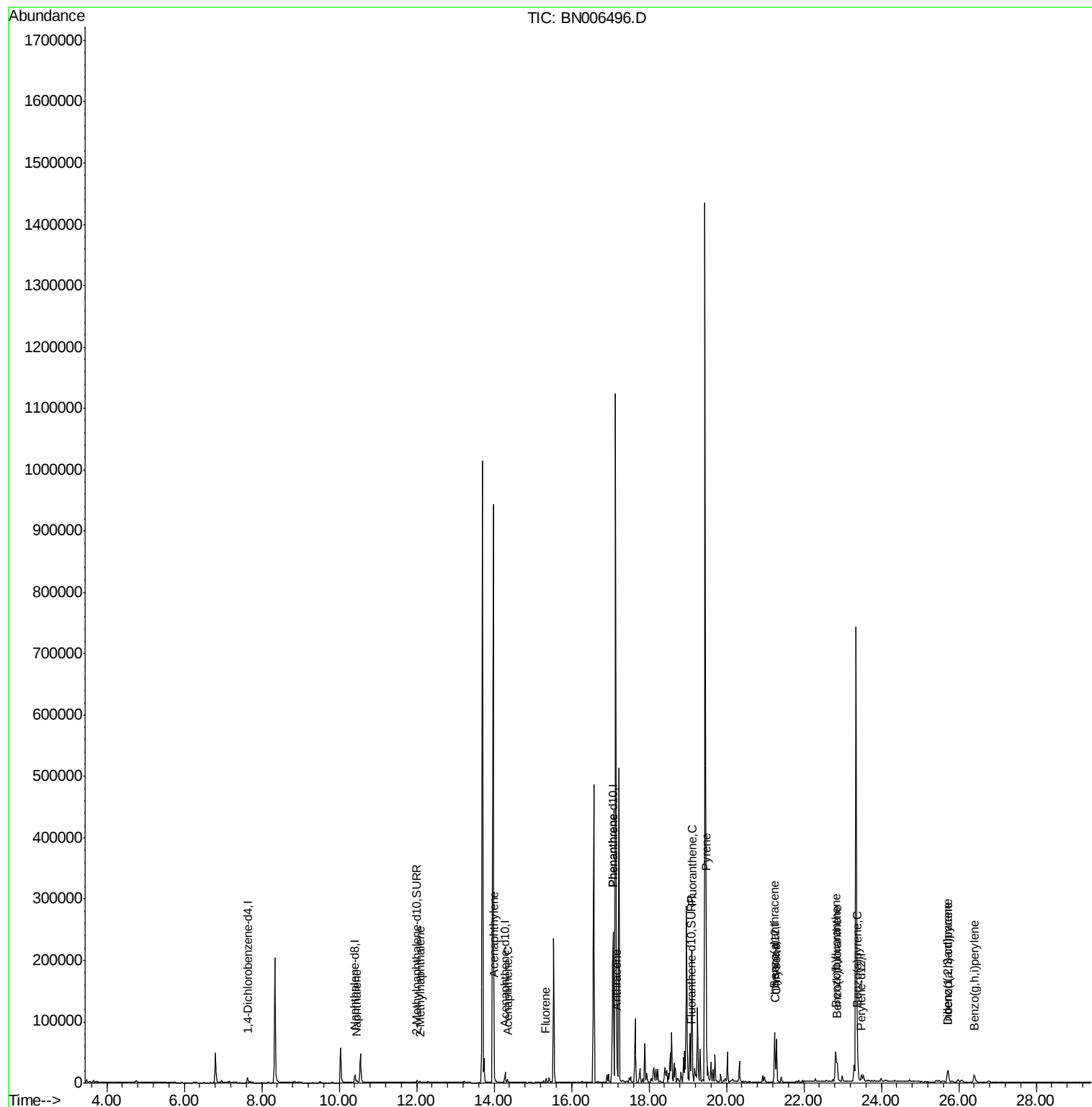
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006496.D
Acq On : 22 Jun 2019 19:15
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ALS Vial : 13 Sample Multiplier: 1

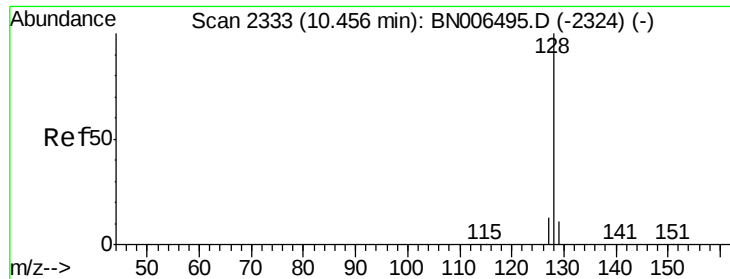
Instrument :
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#3

Naphthalene

Concen: 0.073 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. -0.02 min

Lab File: BN006496.D

Acq: 22 Jun 2019 19:15

Instrument :

BNA_N

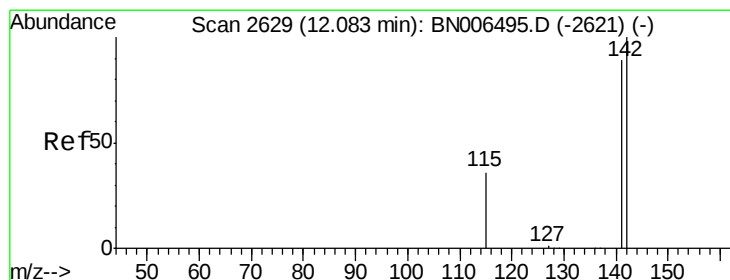
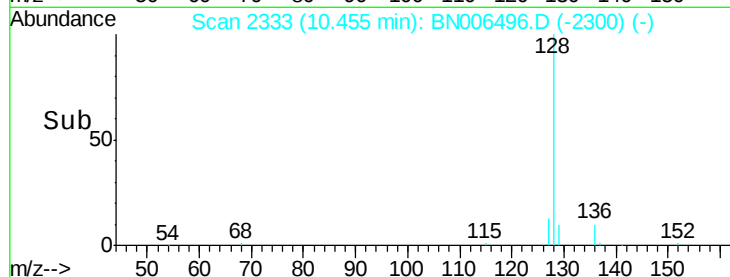
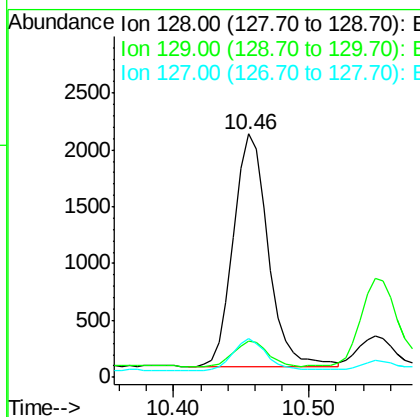
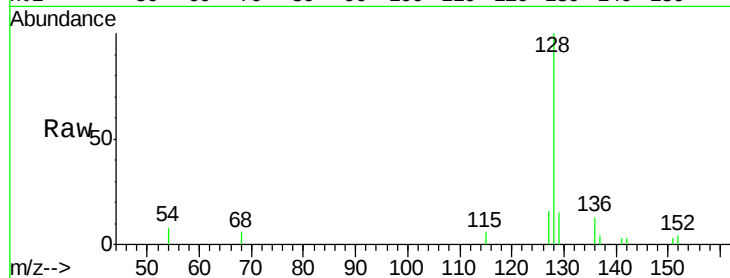
ClientSampleId :

A4234RE

Tgt Ion:	128	Resp:	3629
Ion Ratio	Lower	Upper	
128	100		
129	14.9	9.3	13.9#
127	15.8	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.036 ng/ul

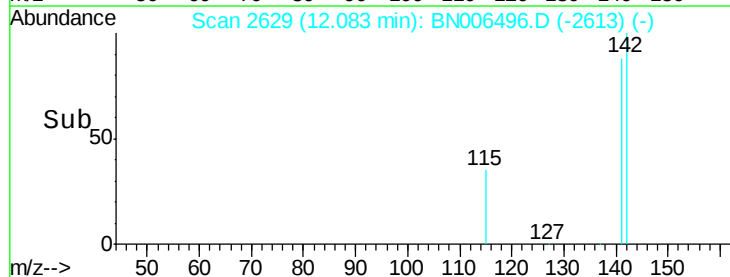
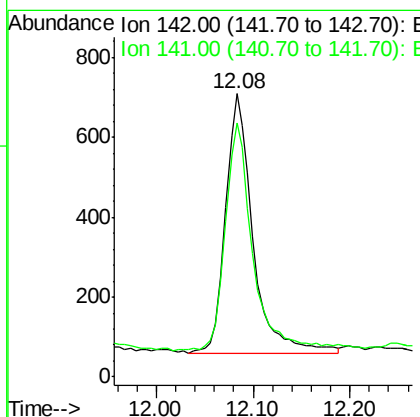
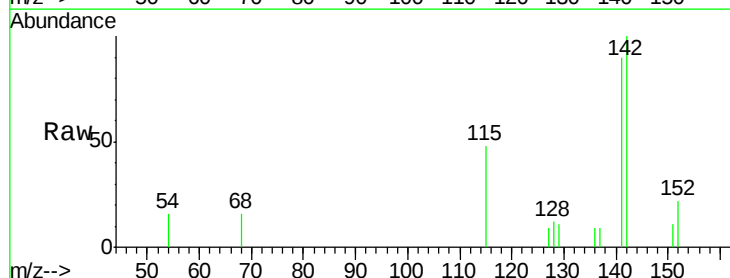
RT: 12.08 min Scan# 2629

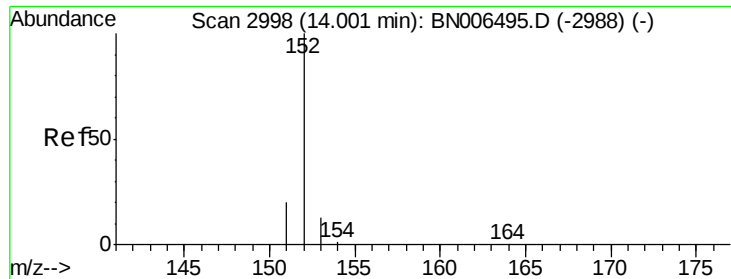
Delta R.T. -0.01 min

Lab File: BN006496.D

Acq: 22 Jun 2019 19:15

Tgt Ion:	142	Resp:	1269
Ion Ratio	Lower	Upper	
142	100		
141	88.7	70.3	105.5





#7

Acenaphthylene

Concen: 0.137 ng/ul

RT: 14.00 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BN006496.D

Acq: 22 Jun 2019 19:15

Instrument :

BNA_N

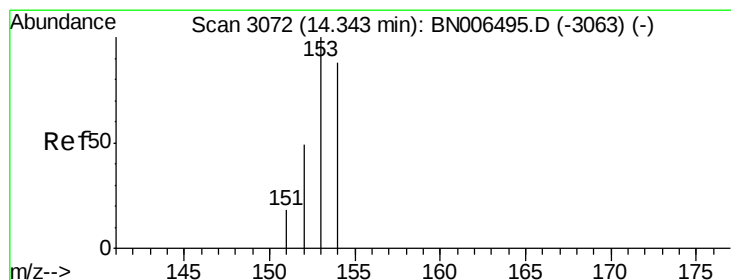
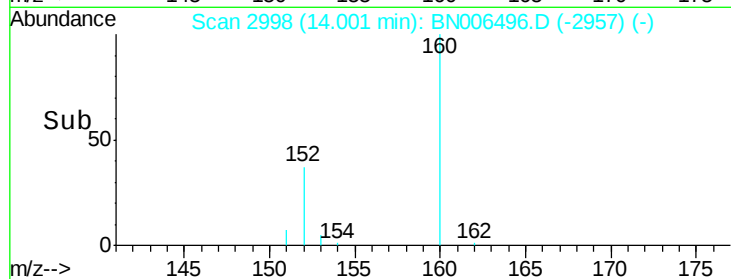
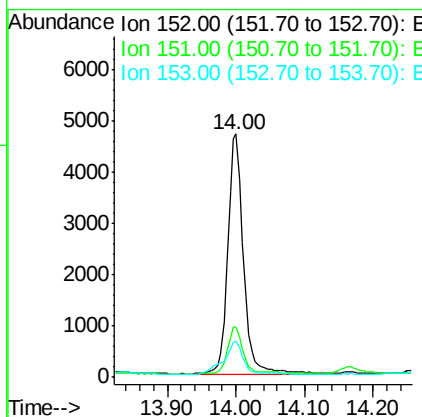
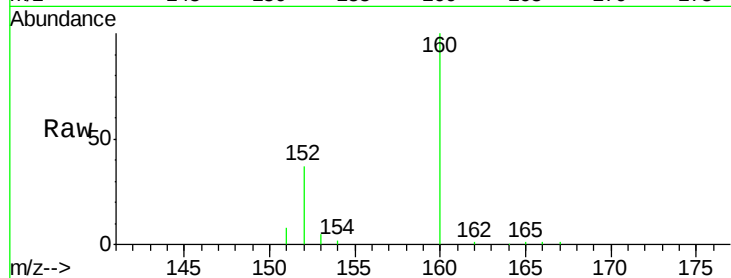
ClientSampleId :

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Tgt Ion:	152	Resp:	7605
Ion Ratio		Lower	Upper
152	100		
151	20.7	15.8	23.8
153	14.6	10.8	16.2

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#8

Acenaphthene

Concen: 0.082 ng/ul

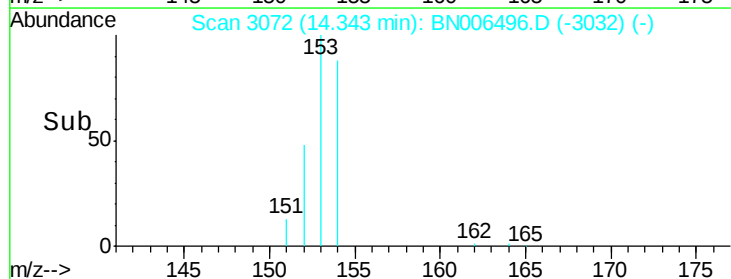
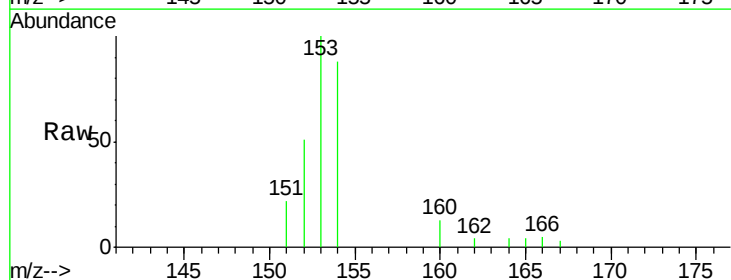
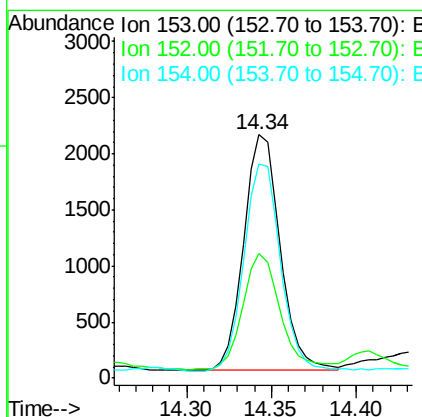
RT: 14.34 min Scan# 3072

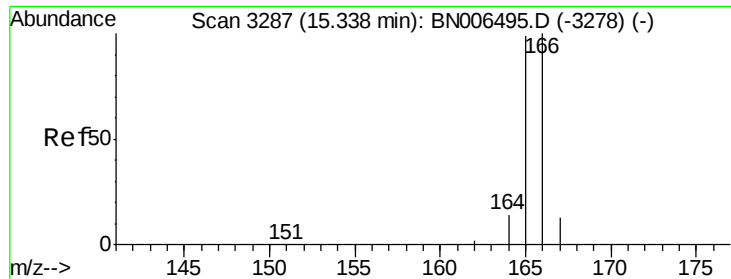
Delta R.T. -0.01 min

Lab File: BN006496.D

Acq: 22 Jun 2019 19:15

Tgt Ion:	153	Resp:	3132
Ion Ratio		Lower	Upper
153	100		
152	51.2	39.1	58.7
154	88.2	71.1	106.7





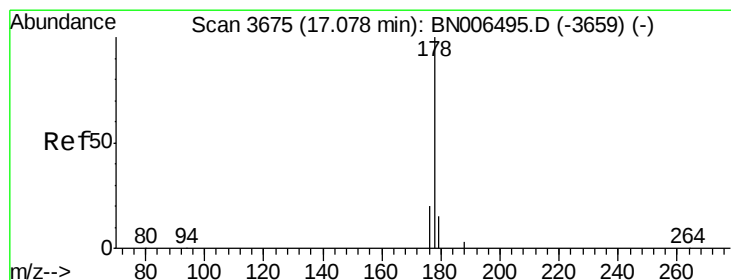
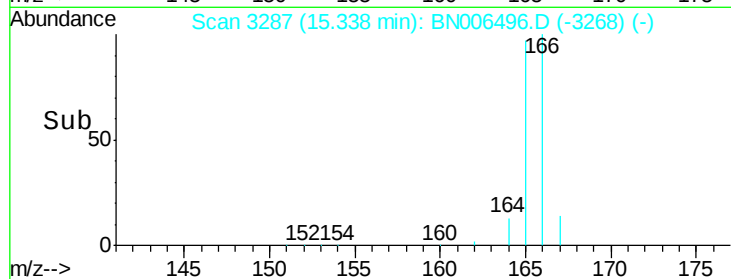
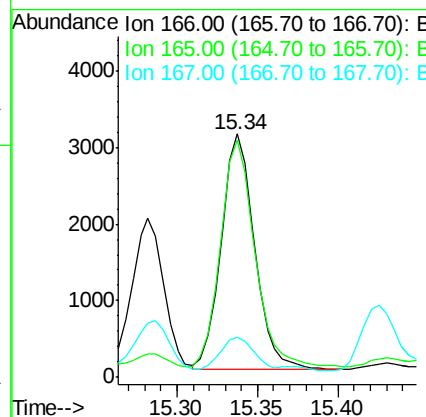
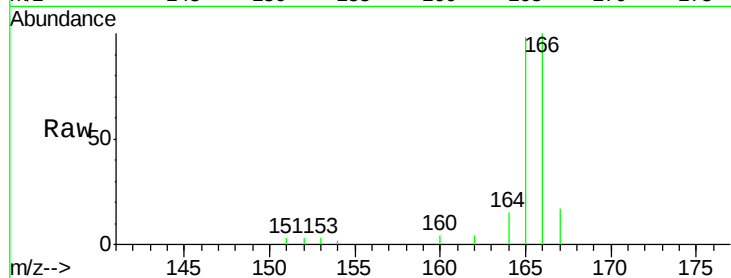
#9
Fluorene
 Concen: 0.098 ng/ul
 RT: 15.34 min Scan# 3287
 Delta R.T. -0.01 min
 Lab File: BN006496.D
 Acq: 22 Jun 2019 19:15

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 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	76.4	114.6
167	16.7	11.0	16.6

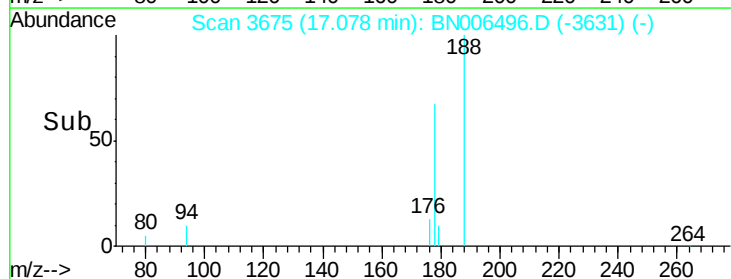
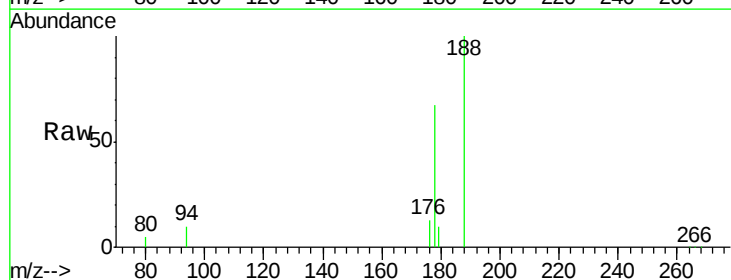
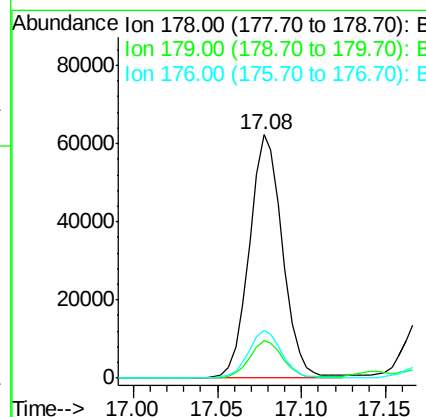
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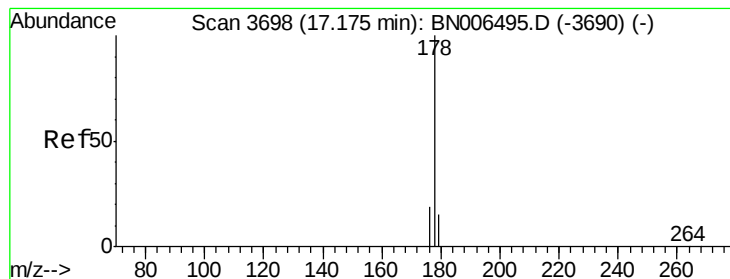
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#12
Phenanthrene
 Concen: 0.090 ng/ul
 RT: 17.08 min Scan# 3675
 Delta R.T. -0.01 min
 Lab File: BN006496.D
 Acq: 22 Jun 2019 19:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.6	15.3	22.9





#13

Anthracene

Concen: 0.023 ng/ul

RT: 17.17 min Scan# 3697

Delta R.T. -0.02 min

Lab File: BN006496.D

Acq: 22 Jun 2019 19:15

Instrument :

BNA_N

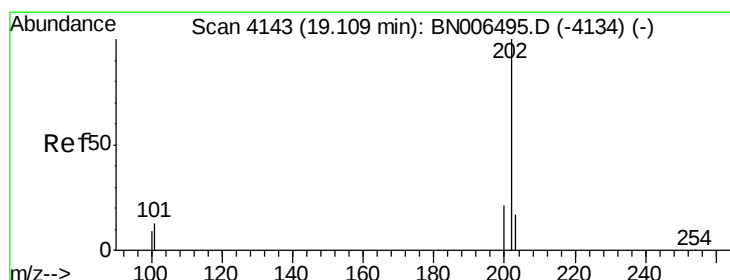
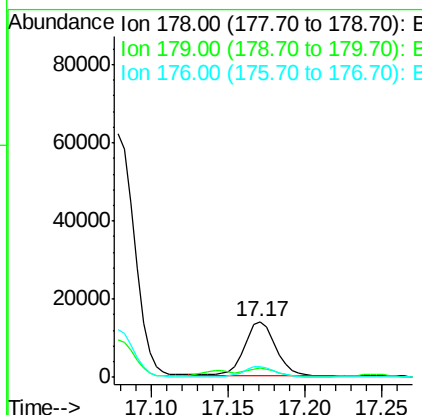
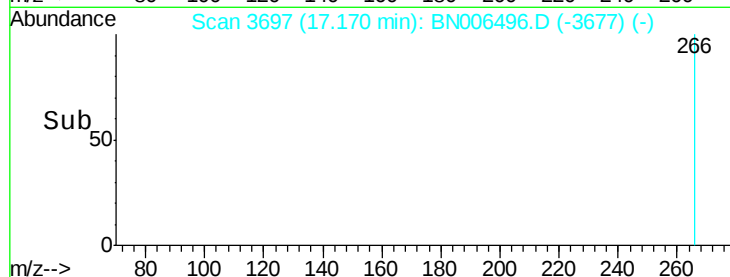
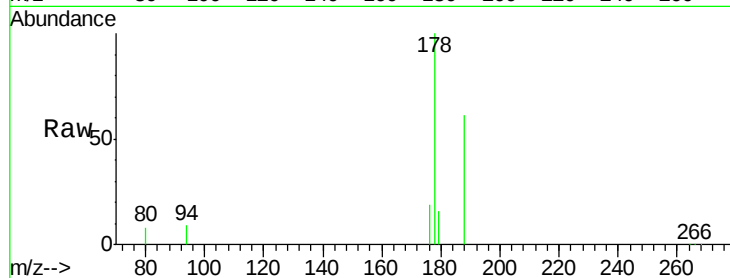
ClientSampleId :

A4234RE

Tgt Ion:	178	Resp:	20426
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.2	18.4
176	19.4	15.1	22.7

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#15

Fluoranthene

Concen: 0.171 ng/ul

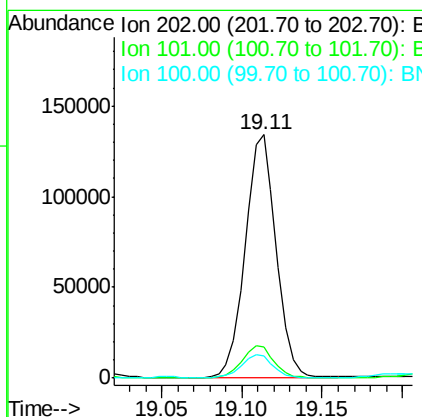
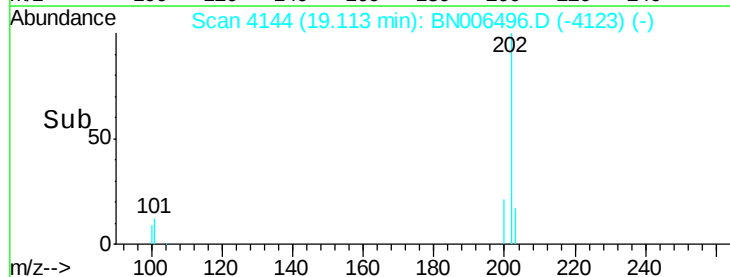
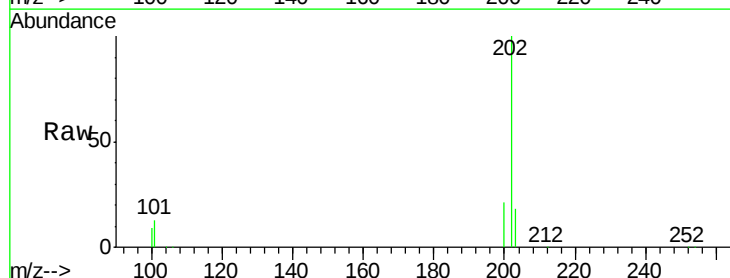
RT: 19.11 min Scan# 4144

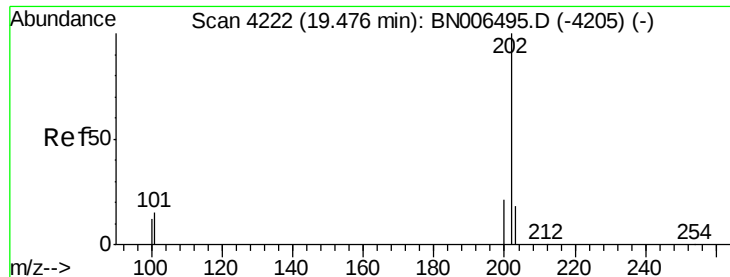
Delta R.T. -0.00 min

Lab File: BN006496.D

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Tgt Ion:	202	Resp:	178260
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	32.1
100	9.0	0.0	28.7





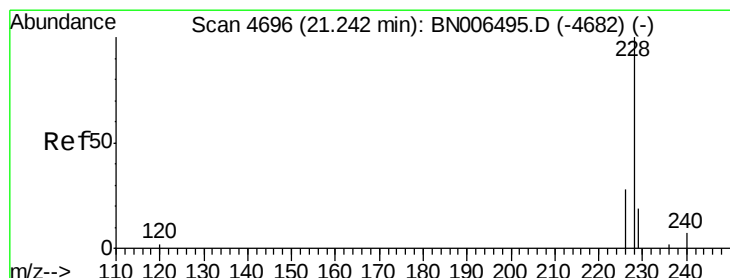
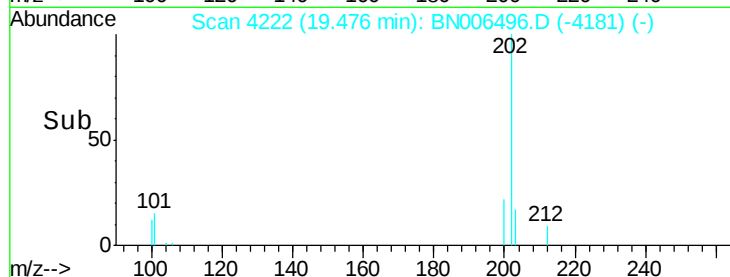
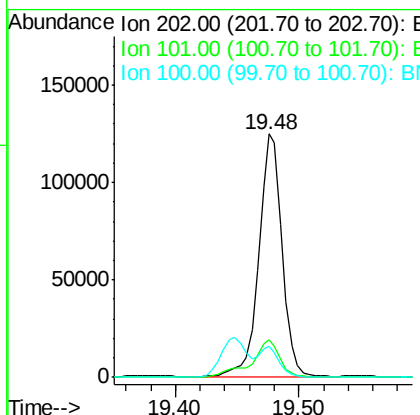
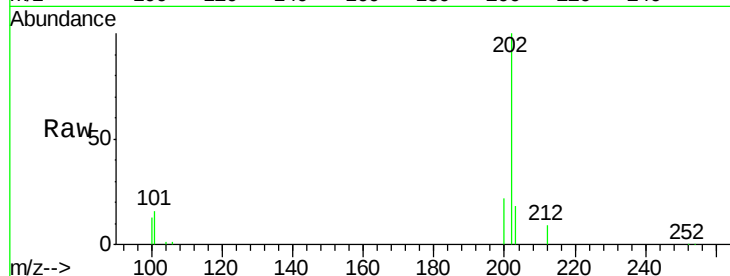
#17
 Pyrene
 Concen: 2.123 ng/ul
 RT: 19.48 min Scan# 4222
 Delta R.T. -0.01 min
 Lab File: BN006496.D
 Acq: 22 Jun 2019 19:15

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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.6	12.2	18.2
100	12.5	9.8	14.6

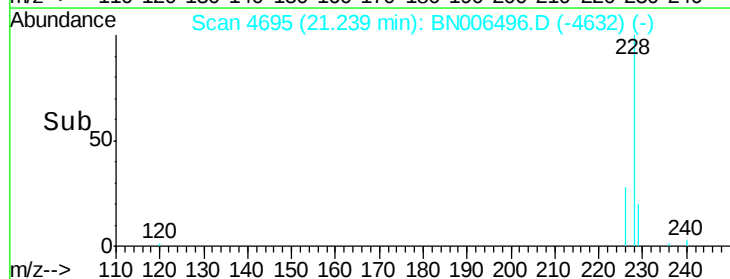
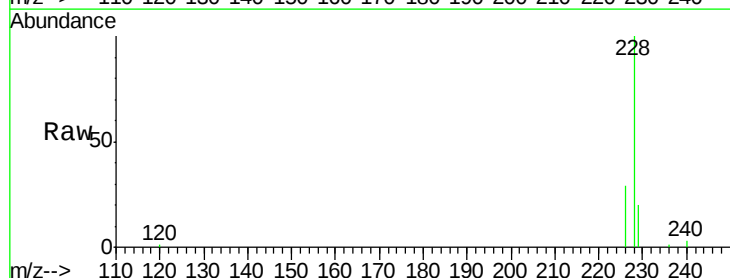
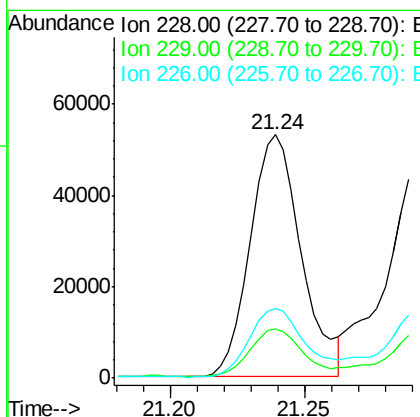
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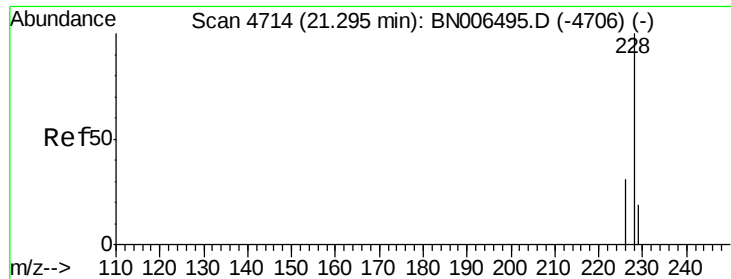
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#18
 Benzo(a)anthracene
 Concen: 1.081 ng/ul
 RT: 21.24 min Scan# 4695
 Delta R.T. -0.01 min
 Lab File: BN006496.D
 Acq: 22 Jun 2019 19:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.4	16.5	24.7
226	28.8	22.8	34.2





#19

Chrysene

Concen: 1.118 ng/ul

RT: 21.29 min Scan# 4713

Delta R.T. -0.01 min

Lab File: BN006496.D

Acq: 22 Jun 2019 19:15

Instrument :

BNA_N

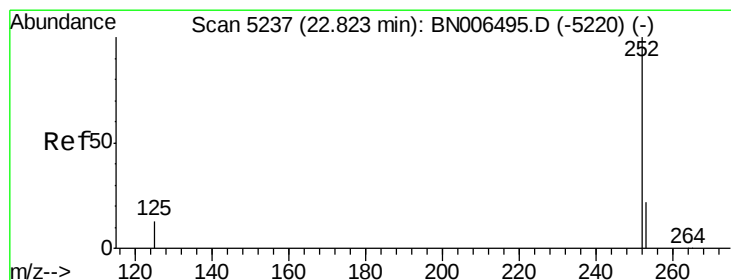
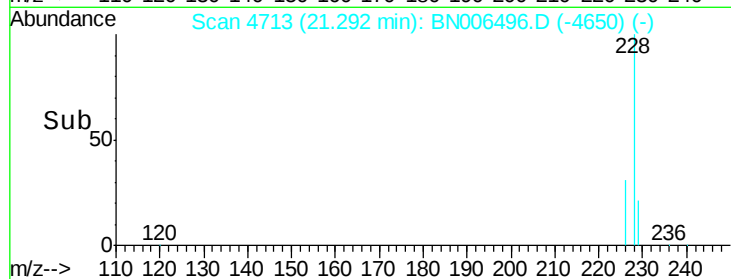
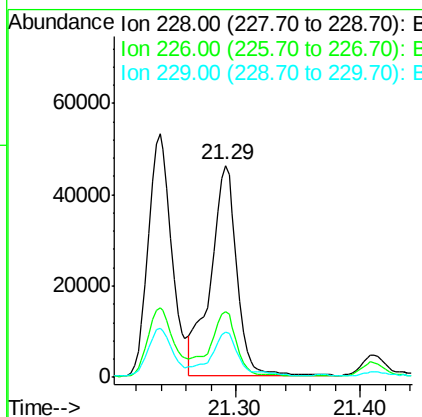
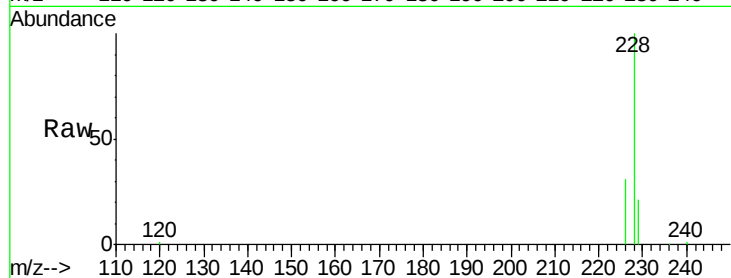
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Tgt Ion:	228	Resp:	68019
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.0	37.6
229	21.3	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 1.697 ng/ul m

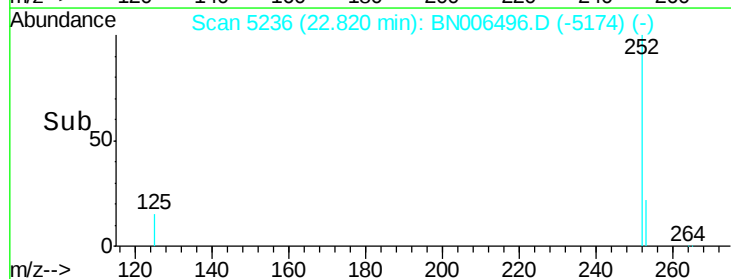
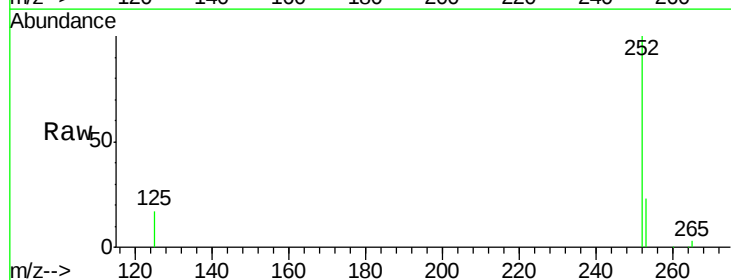
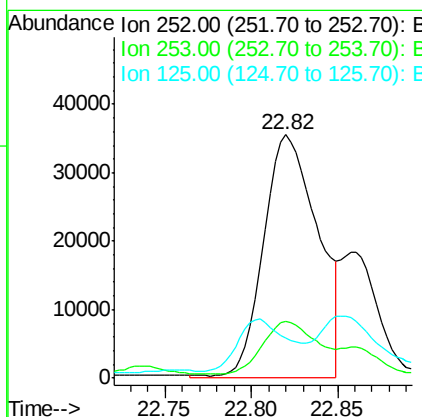
RT: 22.82 min Scan# 5236

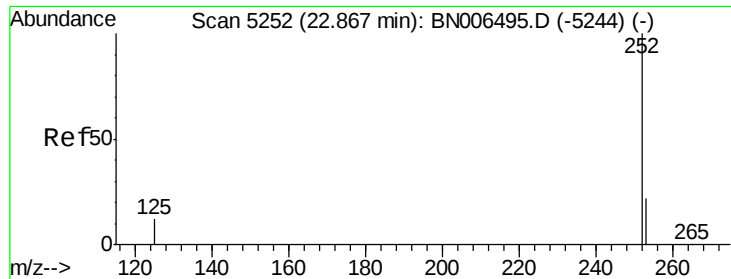
Delta R.T. -0.02 min

Lab File: BN006496.D

Acq: 22 Jun 2019 19:15

Tgt Ion:	252	Resp:	77990
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	51.4
125	16.6	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 0.631 ng/ul m

RT: 22.86 min Scan# 5249

Delta R.T. -0.02 min

Lab File: BN006496.D

Acq: 22 Jun 2019 19:15

Instrument :

BNA_N

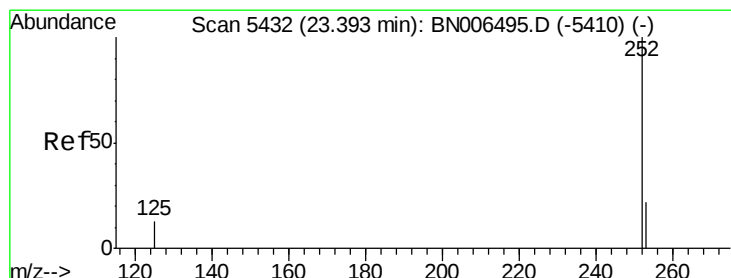
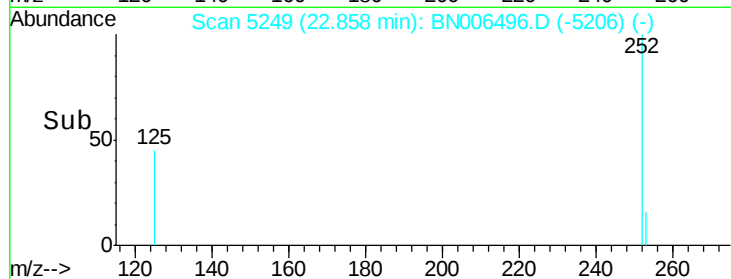
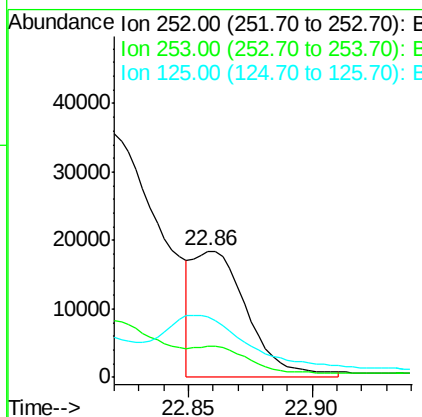
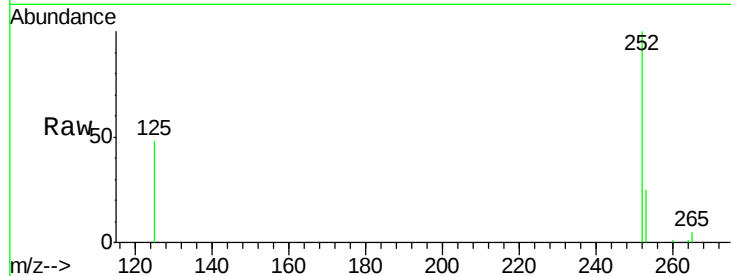
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	28265		
253	24.5	20.3	30.5	
125	47.9	14.3	21.5	#

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#23

Benzo(a)pyrene

Concen: 1.212 ng/ul m

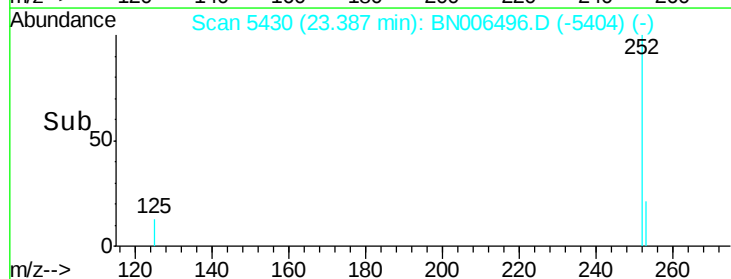
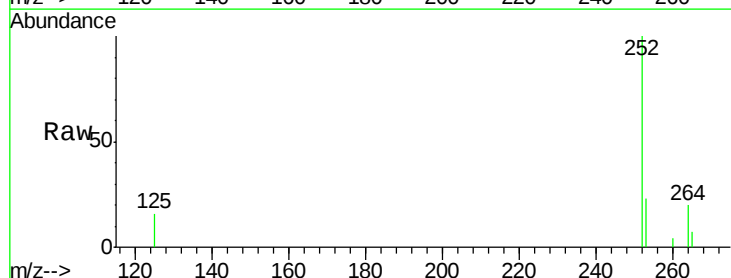
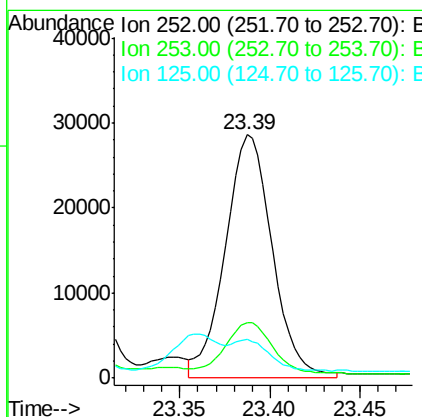
RT: 23.39 min Scan# 5430

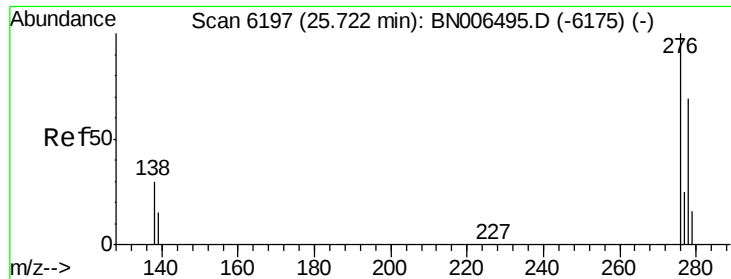
Delta R.T. -0.02 min

Lab File: BN006496.D

Acq: 22 Jun 2019 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	51881		
253	22.9	21.1	31.7	
125	15.8	20.3	30.5	#





#24

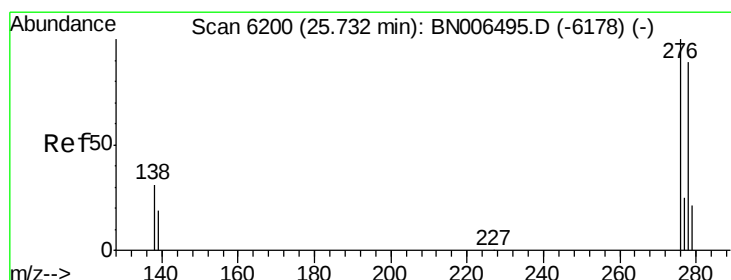
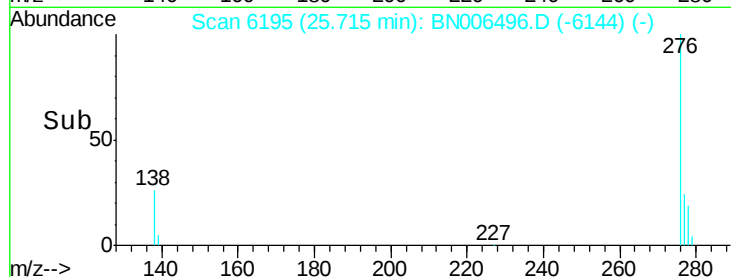
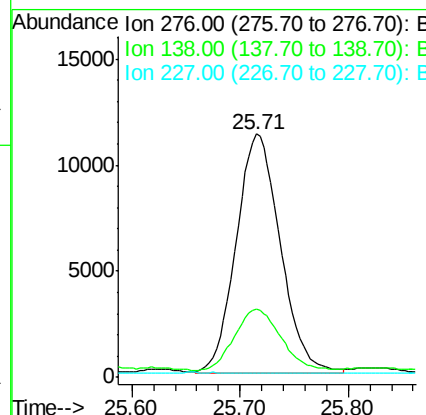
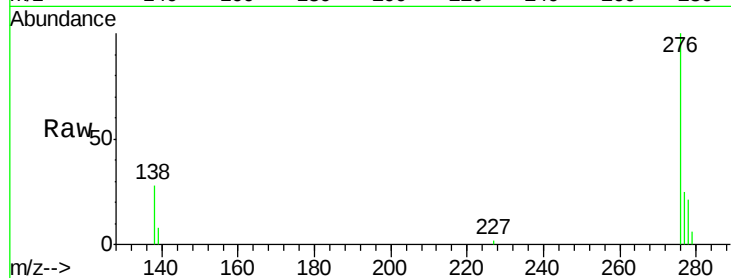
Indeno(1,2,3-cd)pyrene
Concen: 0.688 ng/ul m
RT: 25.71 min Scan# 6195
Delta R.T. -0.03 min
Lab File: BN006496.D
Acq: 22 Jun 2019 19:15

Instrument :
BNA_N
ClientSampleId :
A4234RE

Tgt Ion	Ratio	Lower	Upper
276	100		
138	2.1	25.6	38.4#
227	0.0	0.3	0.5#

Manual Integrations
APPROVED

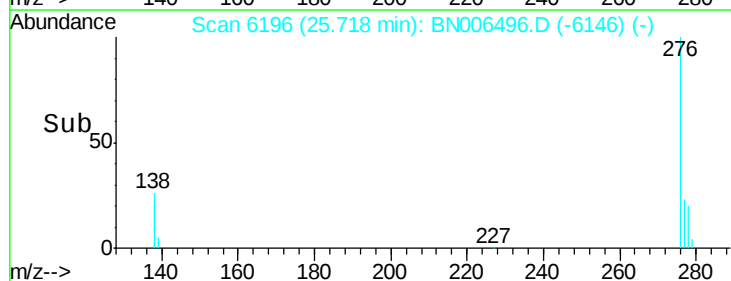
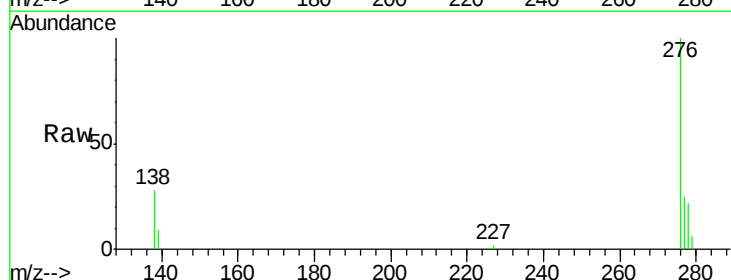
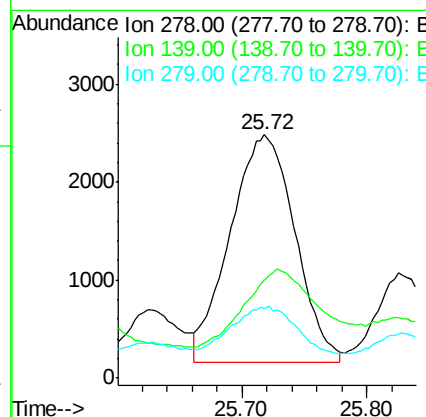
mohammad
6/25/2019 8:44:31 AM

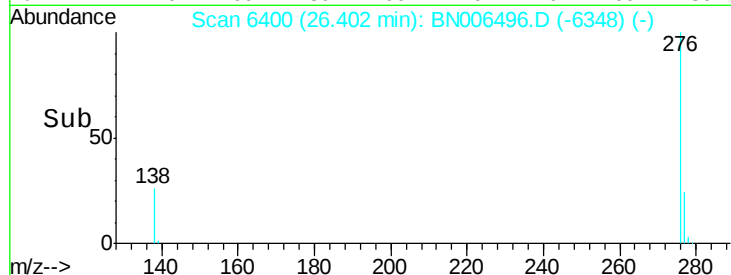
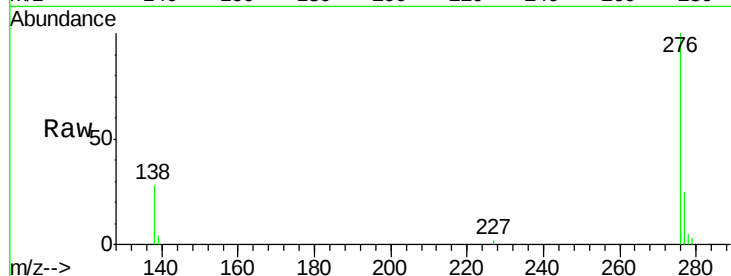
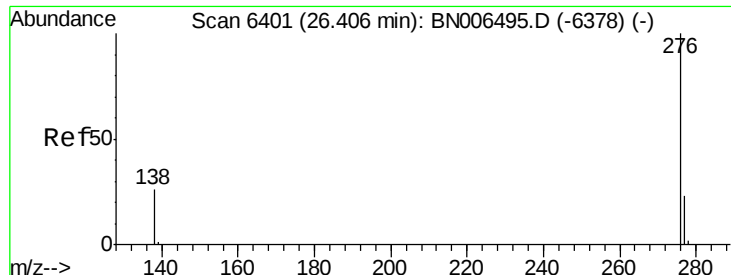


#25

Dibenzo(a,h)anthracene
Concen: 0.227 ng/ul m
RT: 25.72 min Scan# 6196
Delta R.T. -0.03 min
Lab File: BN006496.D
Acq: 22 Jun 2019 19:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.3	21.2	31.8#
279	28.8	22.6	33.8





#26
Benzo(g,h,i)perylene
Concen: 0.645 ng/u1 m
RT: 26.40 min Scan# 6400
Delta R.T. -0.03 min
Lab File: BN006496.D
Acq: 22 Jun 2019 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	25036		
138	28.0		24.2	36.4
277	25.1		21.5	32.3

Instrument :
BNA_N
ClientSampleId :
A4234RE

Manual Integrations
APPROVED

mohammad
6/25/2019 8:44:31 AM

