

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
 Data File : BN008702.D
 Acq On : 22 Nov 2019 07:16
 Operator : JU
 Sample : K5854-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC5

Manual Integrations
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mohammad
 11/22/2019 1:24:16 PM

Quant Time: Nov 22 08:20:48 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 : Fri Nov 22 07:12:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4363	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15947	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	9045	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	18298	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	14798	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	15379	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	3349	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	8010	0.14	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.42	128	22663	0.471	ng/ul	99
5) 2-Methylnaphthalene	12.03	142	10717	0.319	ng/ul	100
7) Acenaphthylene	13.95	152	5647	0.113	ng/ul	96
8) Acenaphthene	14.29	153	4155	0.112	ng/ul	99
9) Fluorene	15.29	166	5938	0.136	ng/ul#	96
12) Phenanthrene	17.02	178	57101	0.925	ng/ul	98
13) Anthracene	17.11	178	17965	0.308	ng/ul	99
15) Fluoranthene	19.04	202	95604	1.261	ng/ul	94
17) Pyrene	19.40	202	89541	1.508	ng/ul	96
18) Benzo(a)anthracene	21.16	228	47504	0.798	ng/ul	95
19) Chrysene	21.21	228	49432m	0.846	ng/ul	
21) Benzo(b)fluoranthene	22.70	252	65858m	1.038	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	24586m	0.391	ng/ul	
23) Benzo(a)pyrene	23.24	252	40342	0.678	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.47	276	29468	0.423	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.48	278	7892	0.140	ng/ul#	40
26) Benzo(a,h,i)perylene	26.12	276	27551	0.473	ng/ul#	91

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

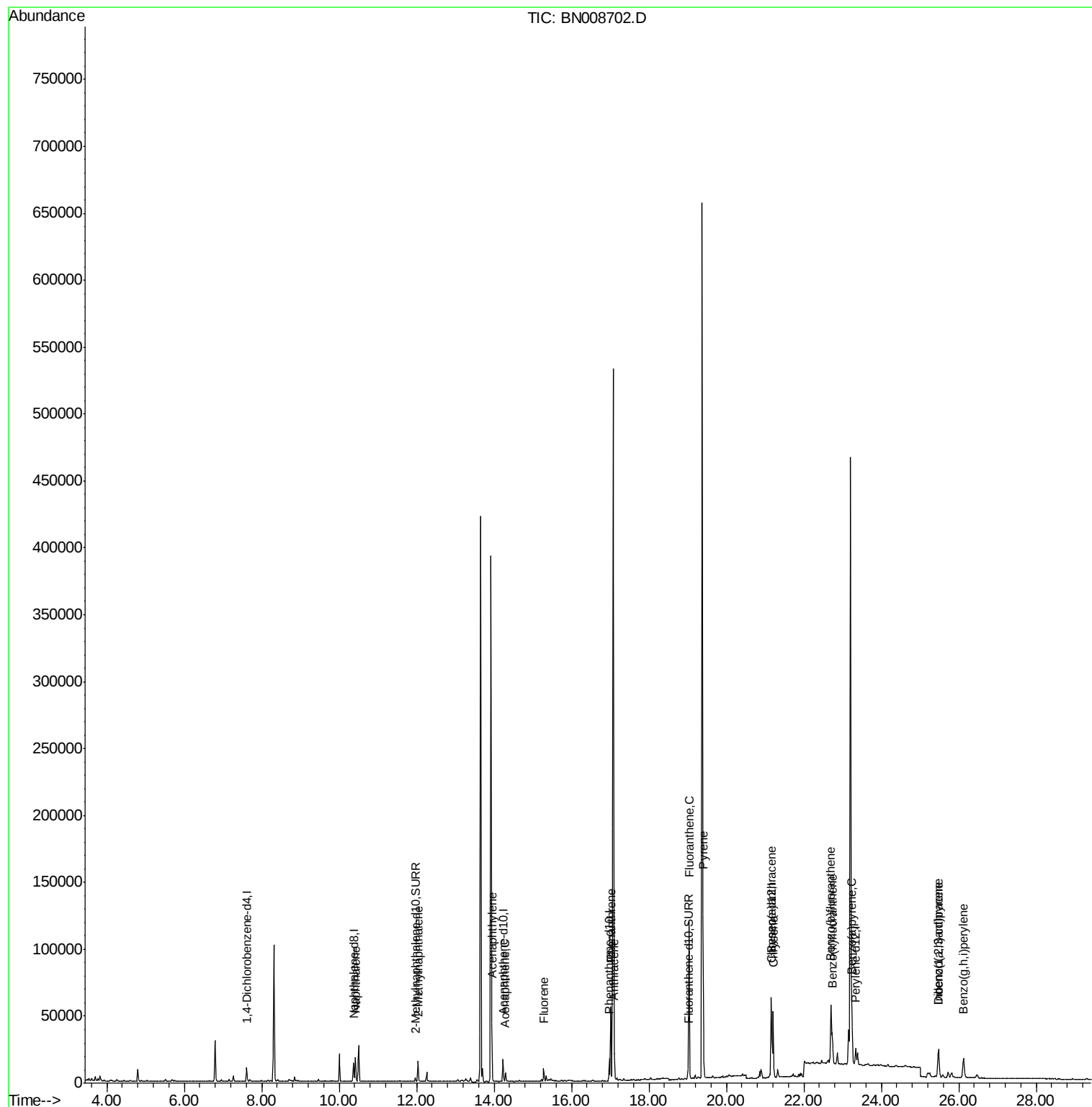
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008702.D
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Sample : K5854-07
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ALS Vial : 22 Sample Multiplier: 1

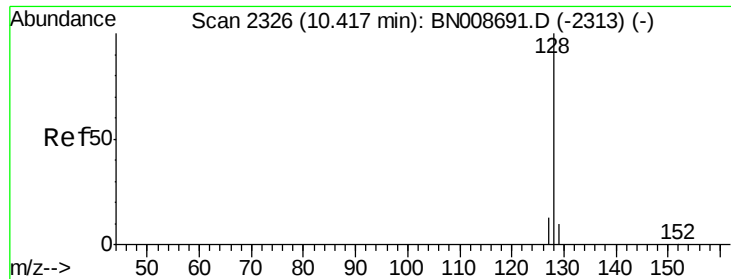
Instrument :
BNA_N
ClientSampleId :
C0AC5

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Quant Time: Nov 22 08:20:48 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 : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.471 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BN008702.D

Acq: 22 Nov 2019 07:16

Instrument :

BNA_N

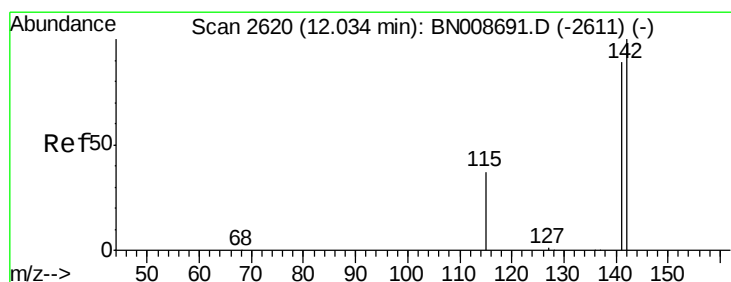
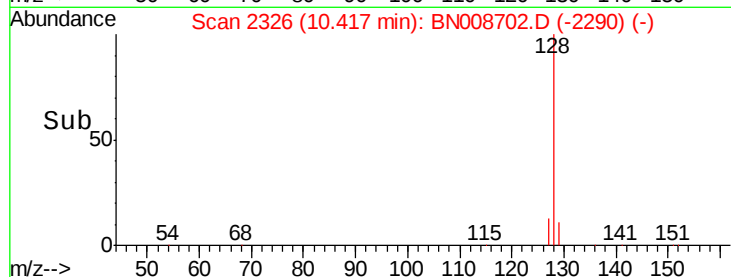
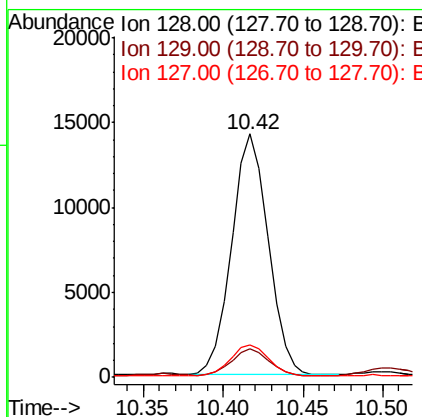
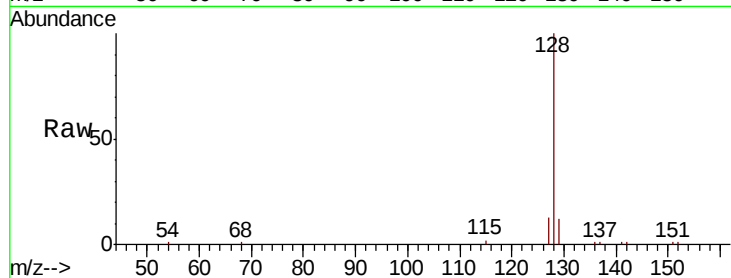
ClientSampleId :

C0AC5

Tot Ion:	128	Resp:	22663
Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.7	14.5
127	13.3	10.8	16.2

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#5

2-Methylnaphthalene

Concen: 0.319 ng/ul

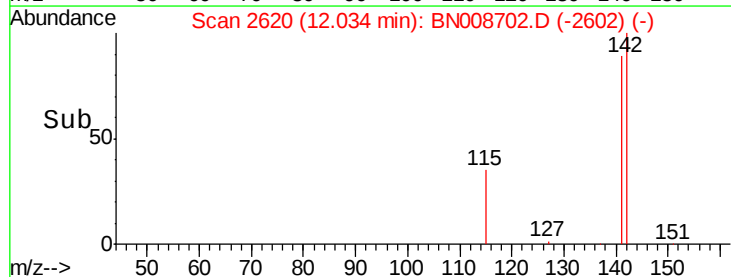
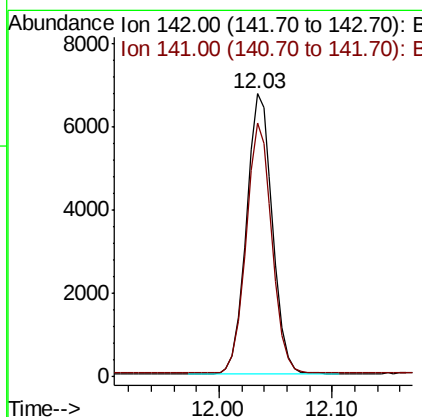
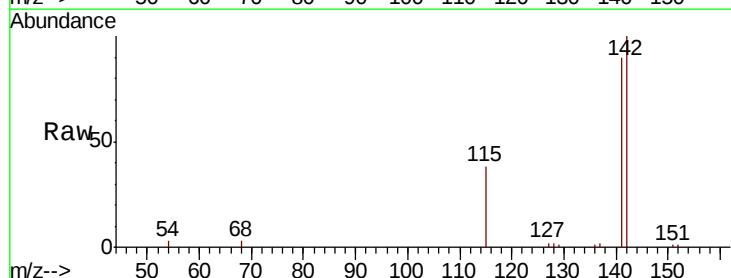
RT: 12.03 min Scan# 2620

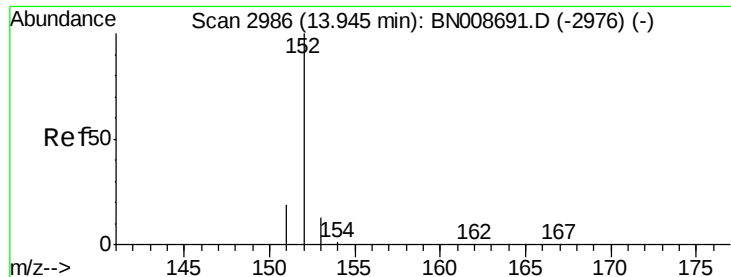
Delta R.T. -0.00 min

Lab File: BN008702.D

Acq: 22 Nov 2019 07:16

Tgt Ion:	142	Resp:	10717
Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.5	105.7





#7

Acenaphthylene

Concen: 0.113 ng/ul

RT: 13.95 min Scan# 2987

Delta R.T. 0.00 min

Lab File: BN008702.D

Acq: 22 Nov 2019 07:16

Instrument :

BNA_N

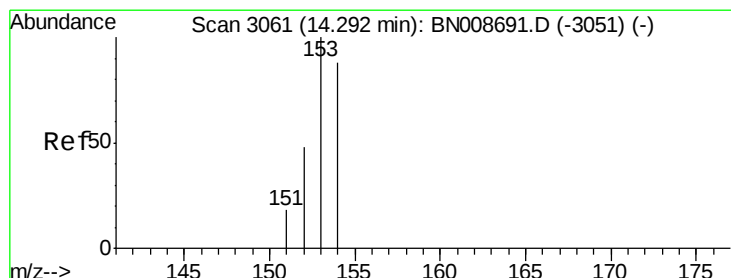
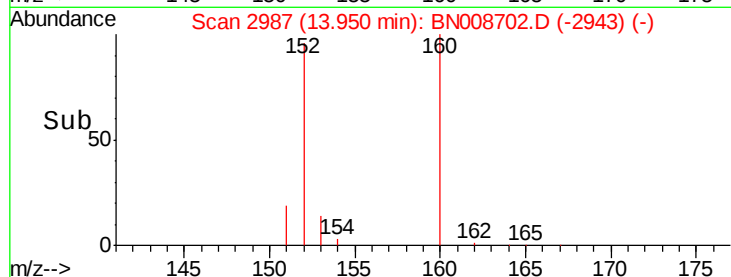
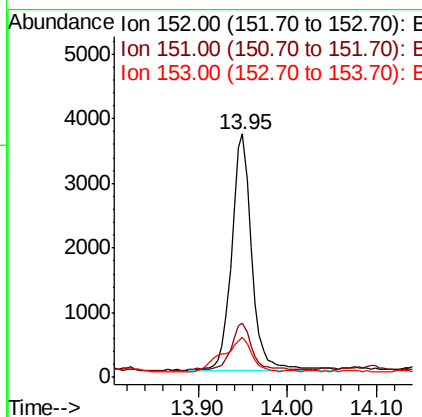
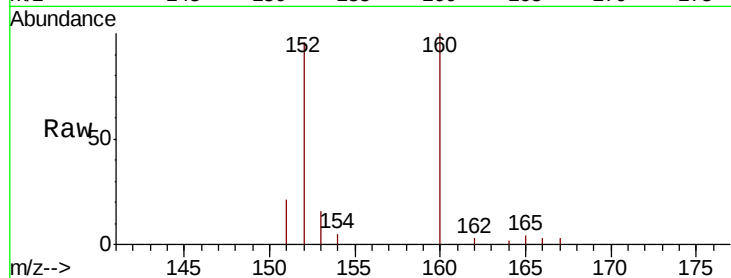
ClientSampleId :

C0AC5

Tot Ion:	152	Resp:	5647
Ion Ratio	Lower	Upper	
152	100		
151	22.0	16.6	24.8
153	16.4	11.1	16.7

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#8

Acenaphthene

Concen: 0.112 ng/ul

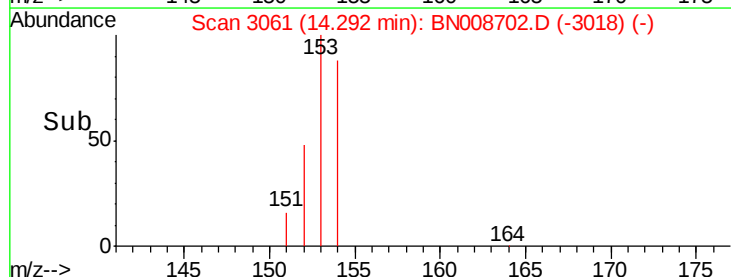
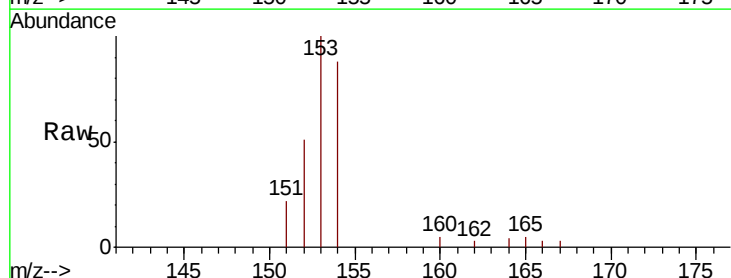
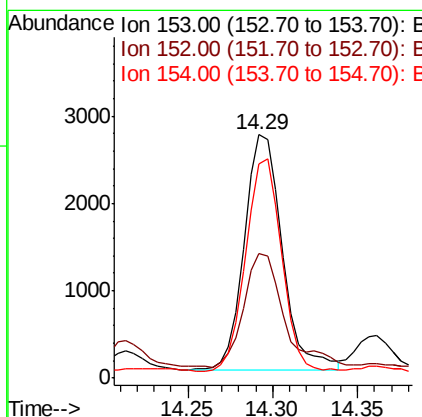
RT: 14.29 min Scan# 3061

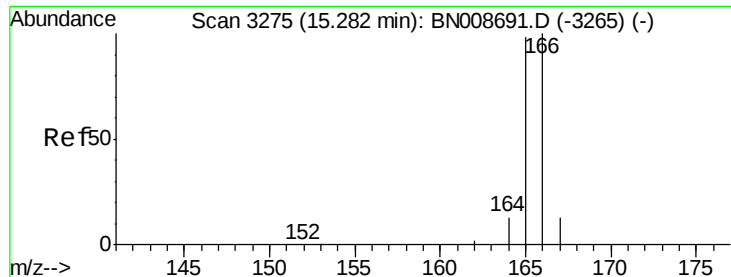
Delta R.T. -0.00 min

Lab File: BN008702.D

Acq: 22 Nov 2019 07:16

Tgt Ion:	153	Resp:	4155
Ion Ratio	Lower	Upper	
153	100		
152	51.3	39.6	59.4
154	88.2	70.6	106.0





#9

Fluorene

Concen: 0.136 ng/ul

RT: 15.29 min Scan# 3276

Delta R.T. 0.00 min

Lab File: BN008702.D

Acq: 22 Nov 2019 07:16

Instrument :

BNA_N

ClientSampleId :

C0AC5

Tot Ion:166 Resp: 5938

Ion Ratio Lower Upper

166 100

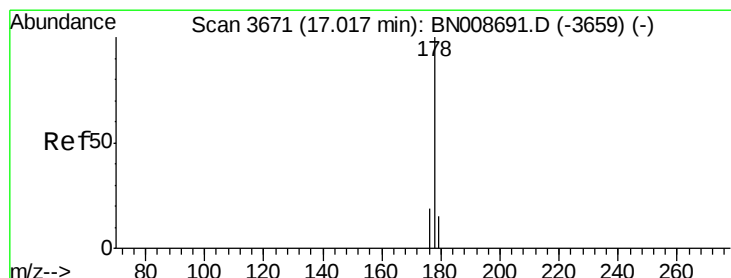
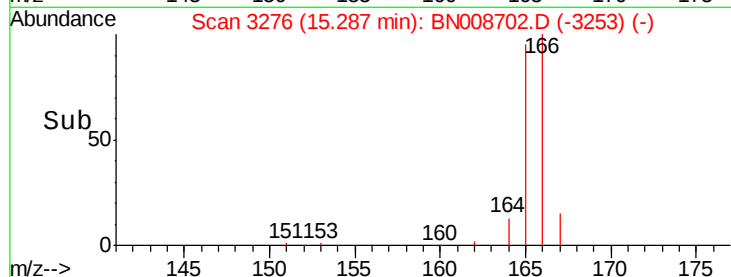
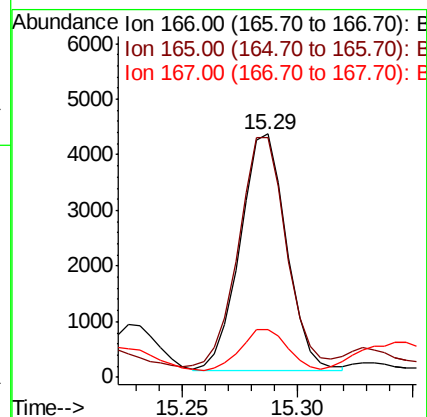
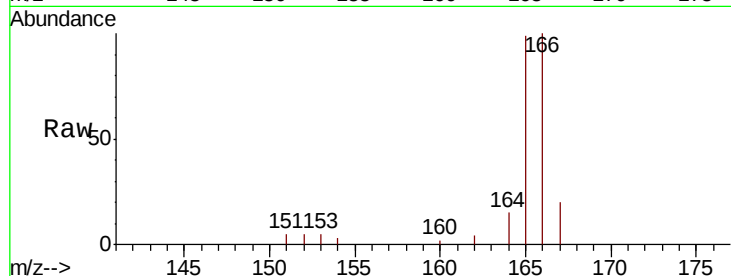
165 98.7 77.4 116.0

167 19.8 11.4 17.0#

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#12

Phenanthrene

Concen: 0.925 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BN008702.D

Acq: 22 Nov 2019 07:16

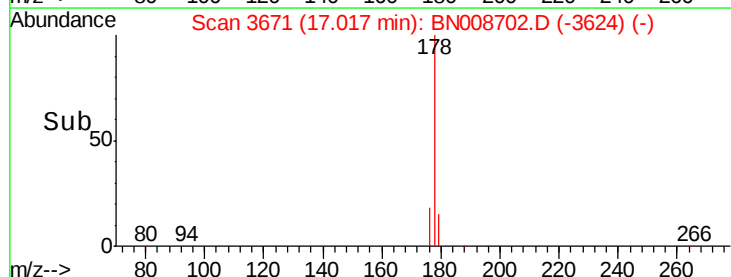
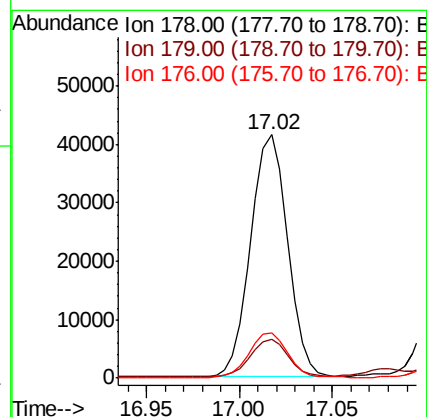
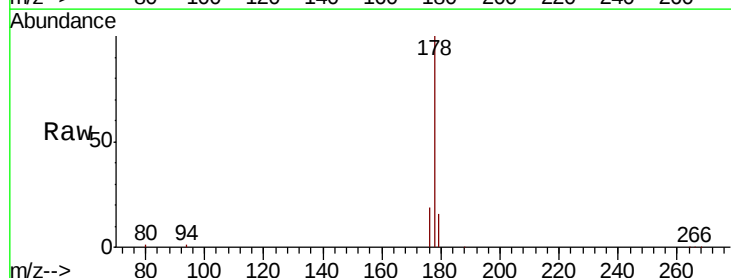
Tgt Ion:178 Resp: 57101

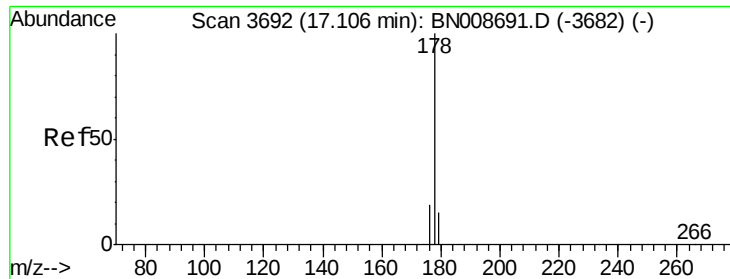
Ion Ratio Lower Upper

178 100

179 15.8 12.8 19.2

176 18.6 16.0 24.0





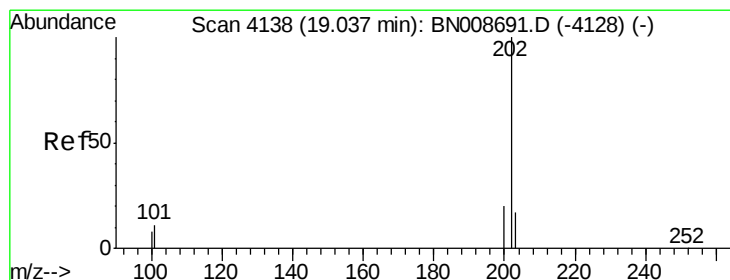
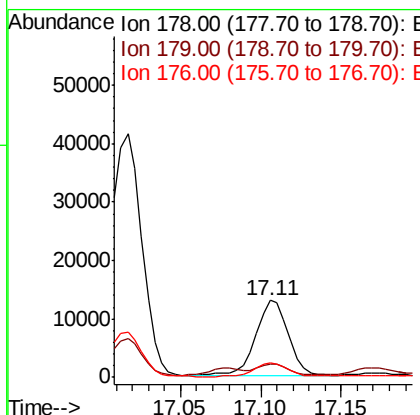
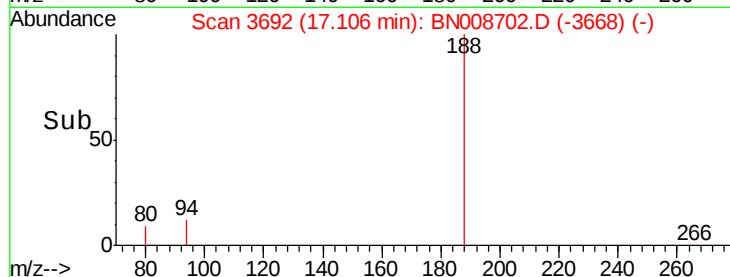
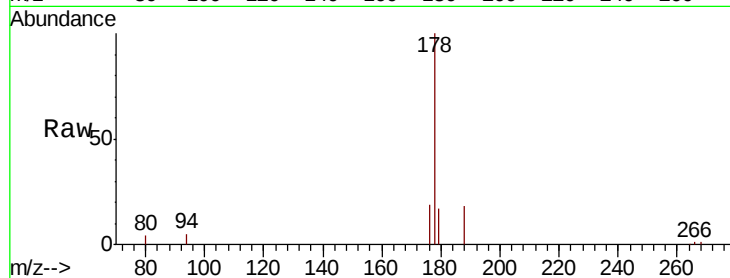
#13
 Anthracene
 Concen: 0.308 ng/ul
 RT: 17.11 min Scan# 3692
 Delta R.T. -0.00 min
 Lab File: BN008702.D
 Acq: 22 Nov 2019 07:16

Instrument :
 BNA_N
 ClientSampleId :
 C0AC5

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.0	19.4
176	19.1	15.3	22.9

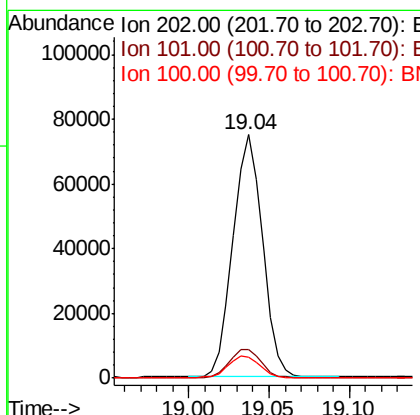
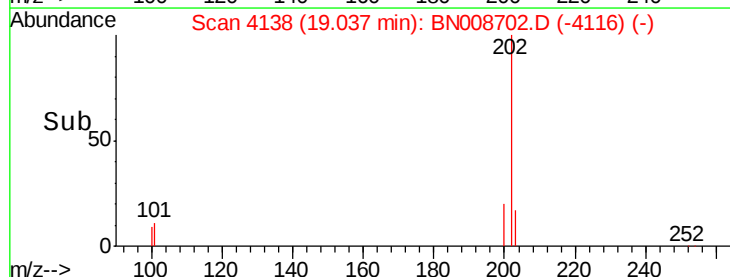
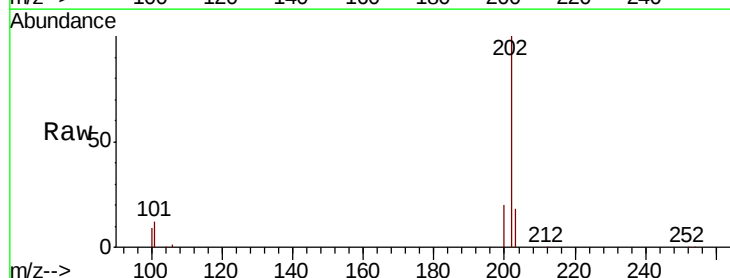
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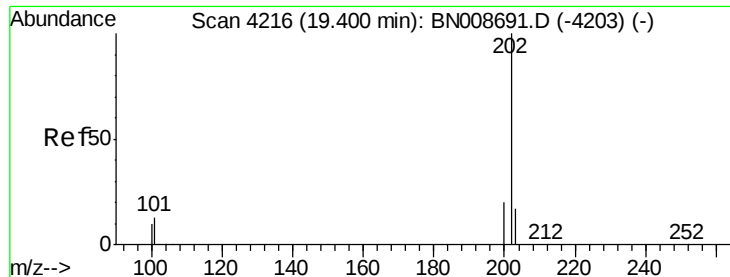
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#15
 Fluoranthene
 Concen: 1.261 ng/ul
 RT: 19.04 min Scan# 4138
 Delta R.T. -0.00 min
 Lab File: BN008702.D
 Acq: 22 Nov 2019 07:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	29.6
100	8.8	0.0	27.0





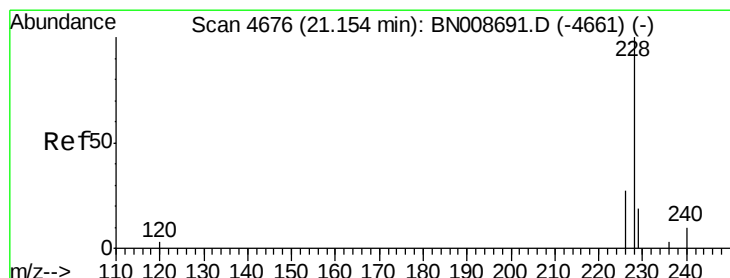
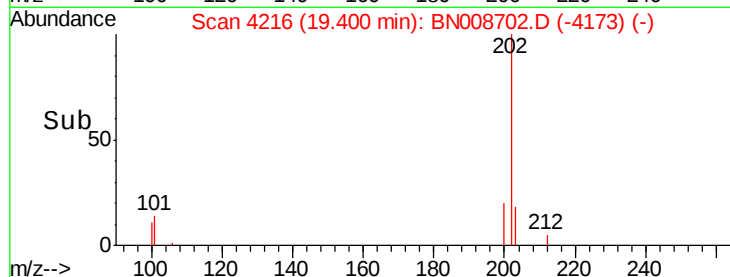
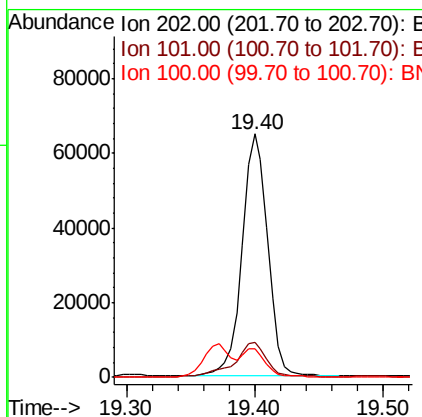
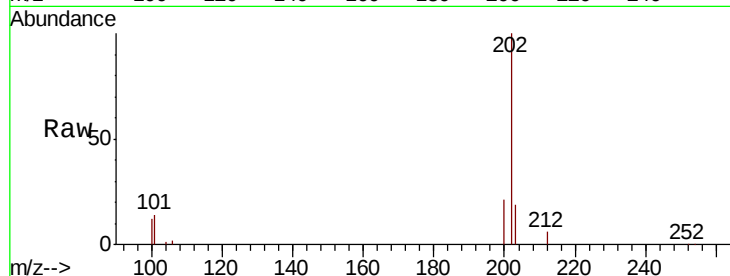
#17
Pvrene
Concen: 1.508 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008702.D
Acq: 22 Nov 2019 07:16

Instrument :
BNA_N
ClientSampleId :
C0AC5

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.2	15.2
100	11.6	8.2	12.2

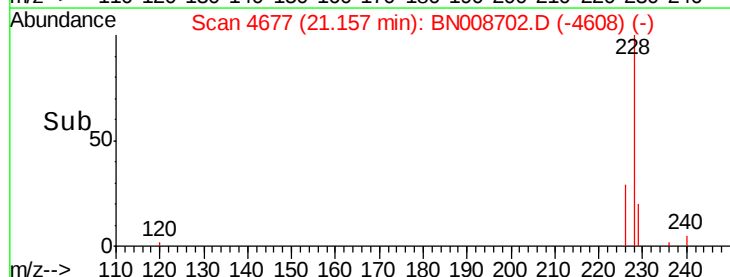
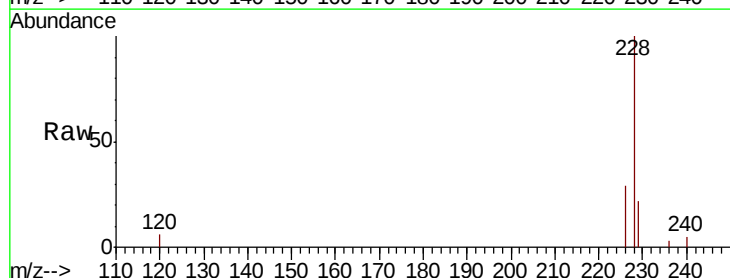
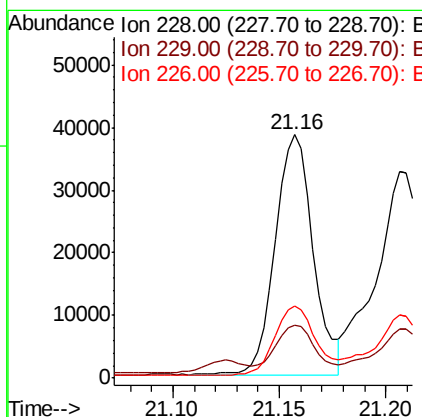
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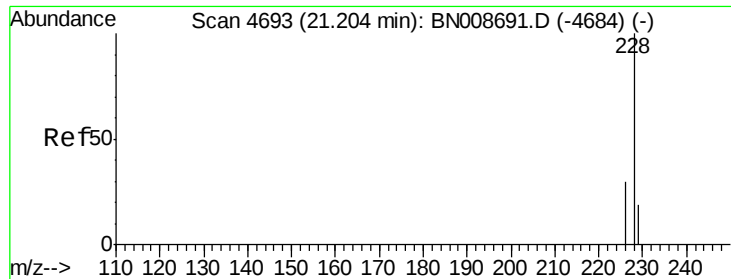
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#18
Benzo(a)anthracene
Concen: 0.798 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. 0.00 min
Lab File: BN008702.D
Acq: 22 Nov 2019 07:16

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.8	23.6
226	29.4	21.6	32.4





#19

Chrysene

Concen: 0.846 ng/ul m

RT: 21.21 min Scan# 4694

Delta R.T. 0.00 min

Lab File: BN008702.D

Acq: 22 Nov 2019 07:16

Instrument :

BNA_N

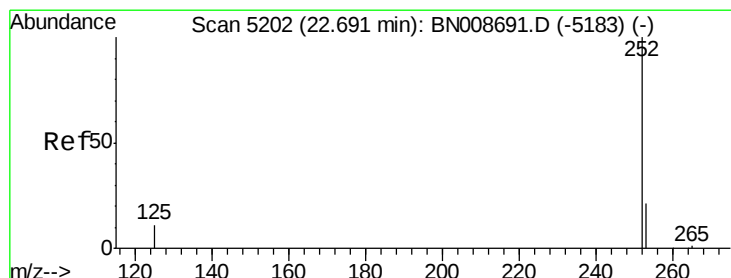
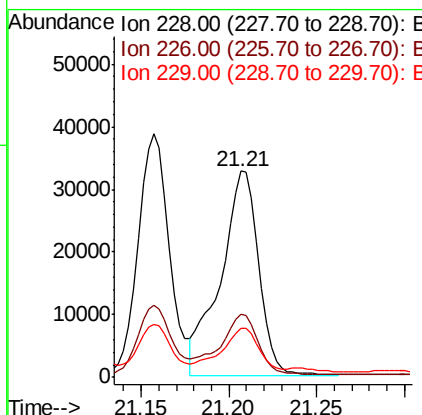
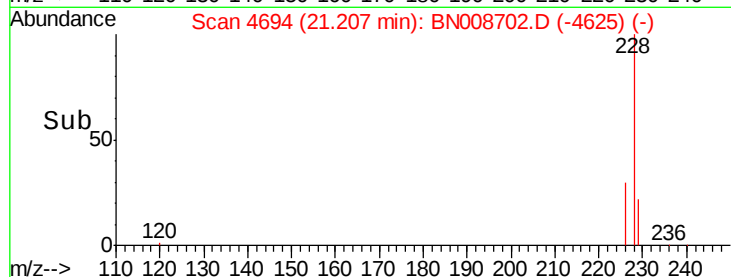
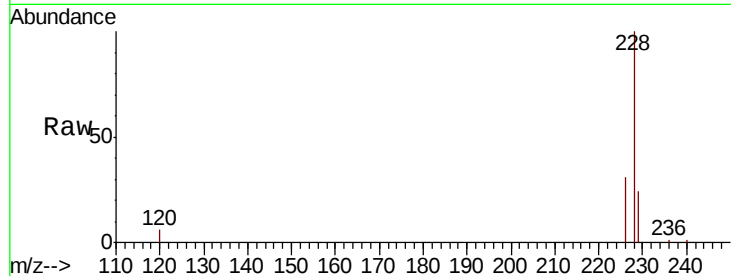
ClientSampleId :

C0AC5

Tot Ion:228	Resp:	49432
Ion Ratio	Lower	Upper
228 100		
226 30.7	24.5	36.7
229 23.7	15.5	23.3#

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#21

Benzo(b)fluoranthene

Concen: 1.038 ng/ul m

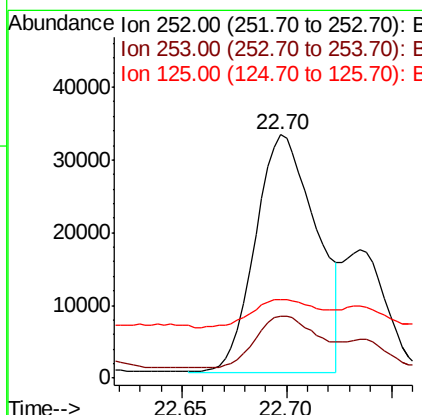
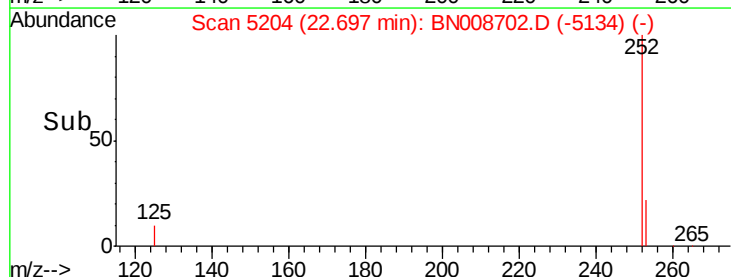
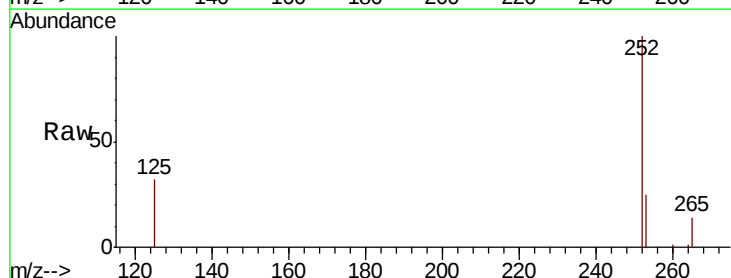
RT: 22.70 min Scan# 5204

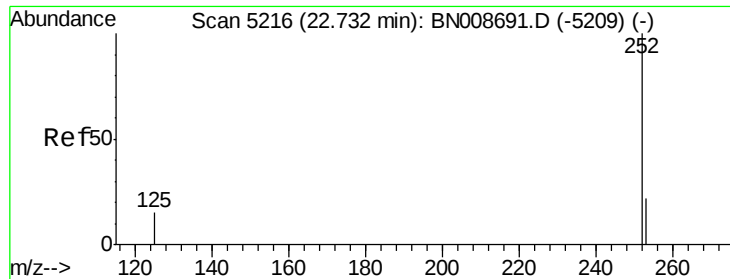
Delta R.T. 0.01 min

Lab File: BN008702.D

Acq: 22 Nov 2019 07:16

Tgt Ion:252	Resp:	65858
Ion Ratio	Lower	Upper
252 100		
253 25.5	0.0	50.2
125 32.5	0.0	30.0#





#22

Benzo(k)fluoranthene

Concen: 0.391 ng/ul m

RT: 22.73 min Scan# 5217

Delta R.T. 0.00 min

Lab File: BN008702.D

Acq: 22 Nov 2019 07:16

Instrument :

BNA_N

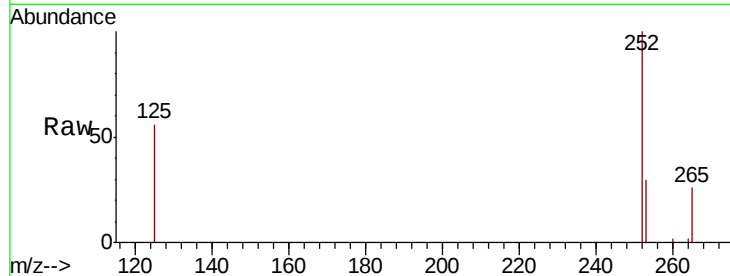
ClientSampleId :

C0AC5

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.7	20.5	30.7
125	55.6	15.0	22.4#

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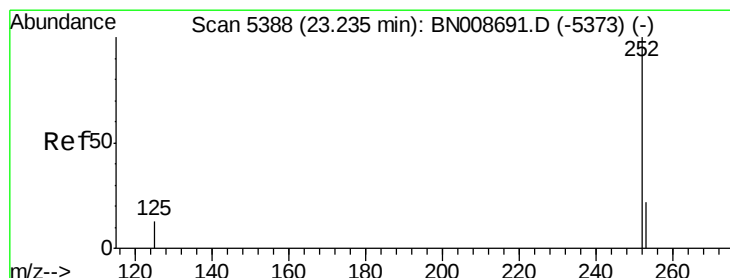
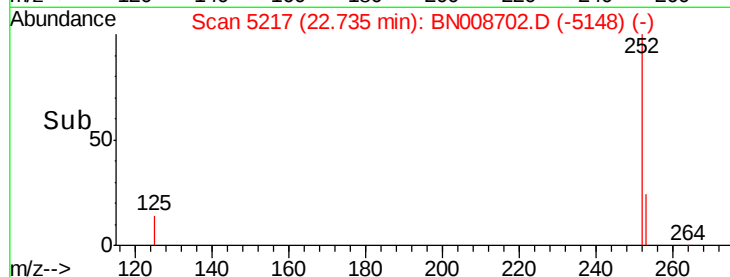
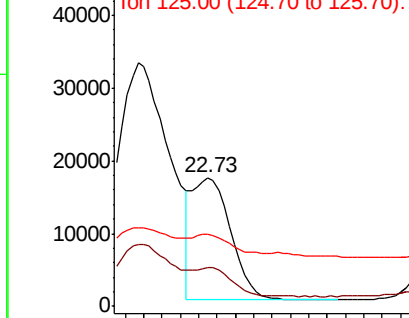


Abundance

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: 0.678 ng/ul

RT: 23.24 min Scan# 5391

Delta R.T. 0.01 min

Lab File: BN008702.D

Acq: 22 Nov 2019 07:16

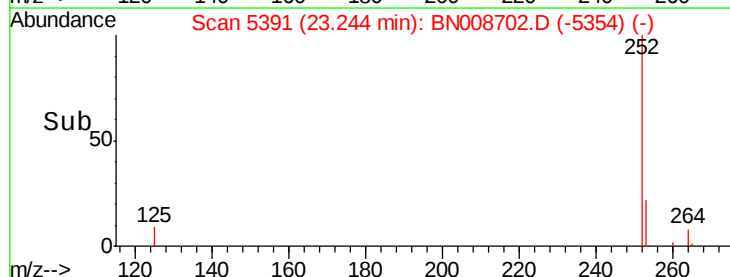
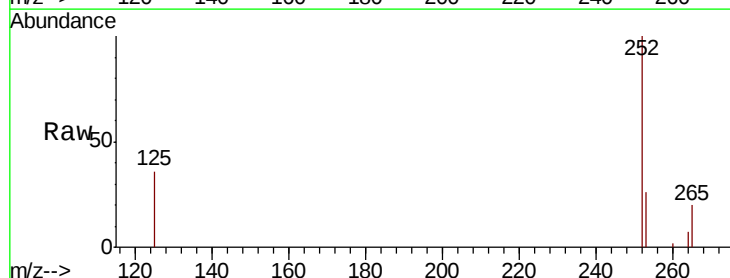
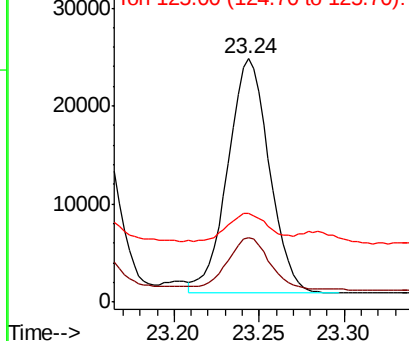
Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	21.4	32.2
125	36.3	13.8	20.8#

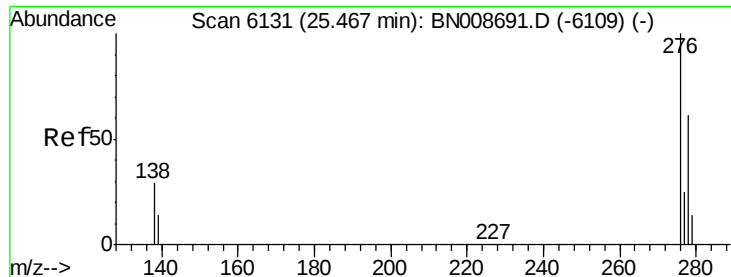
Abundance

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





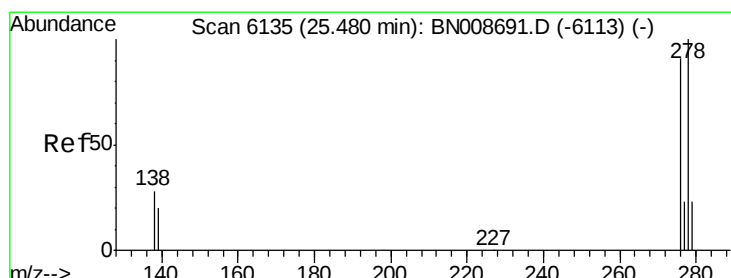
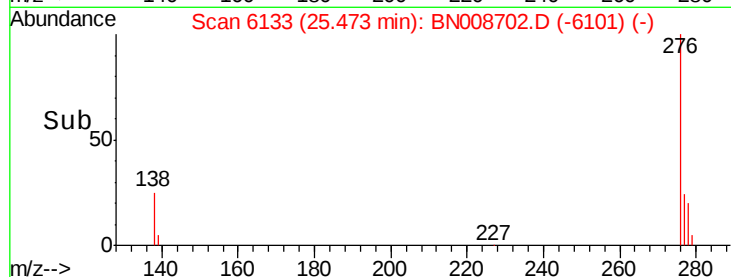
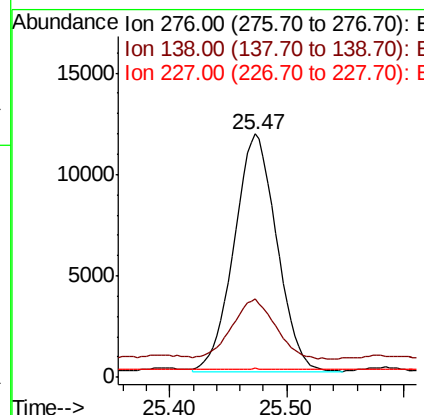
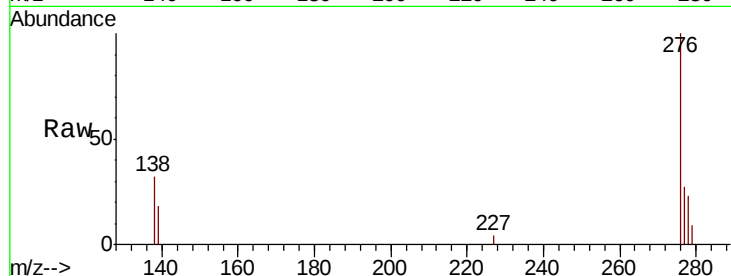
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.423 ng/ul
 RT: 25.47 min Scan# 6133
 Delta R.T. 0.01 min
 Lab File: BN008702.D
 Acq: 22 Nov 2019 07:16

Instrument :
 BNA_N
 ClientSampleId :
 C0AC5

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	21.7	32.5
227	0.2	0.2	0.2

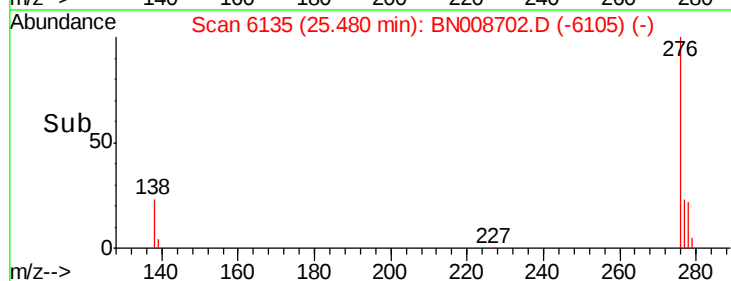
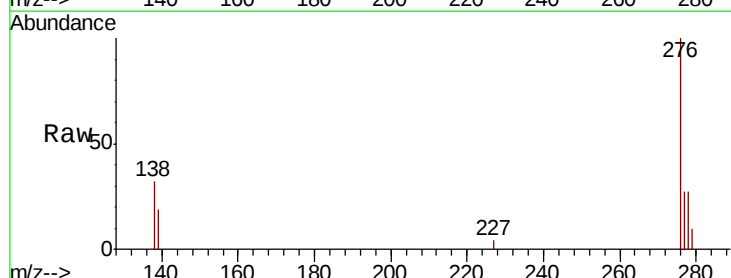
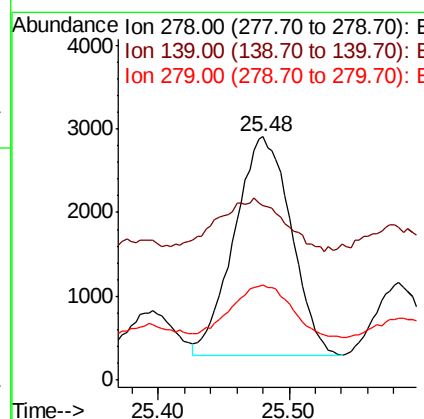
Manual Integrations
 APPROVED

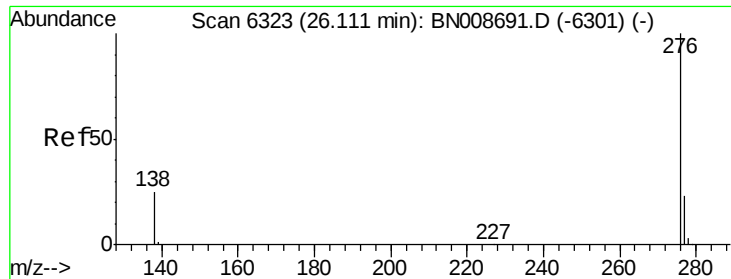
mohammad
 11/22/2019 1:24:16 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.140 ng/ul
 RT: 25.48 min Scan# 6135
 Delta R.T. -0.00 min
 Lab File: BN008702.D
 Acq: 22 Nov 2019 07:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	71.4	18.7	28.1
279	38.9	20.8	31.2





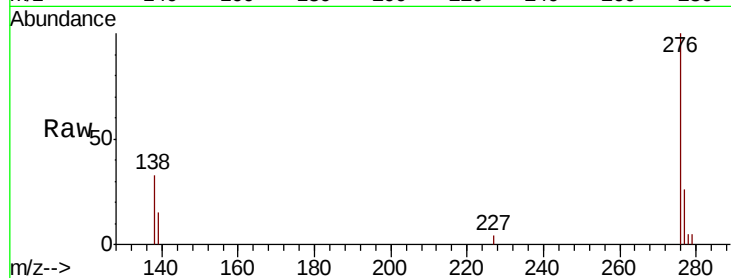
#26
 Benzo(a,h,i)perylene
 Concen: 0.473 ng/ul
 RT: 26.12 min Scan# 6327
 Delta R.T. 0.01 min
 Lab File: BN008702.D
 Acq: 22 Nov 2019 07:16

Instrument :
 BNA_N
 ClientSampleId :
 C0AC5

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.6	20.0	30.0#
277	26.1	20.0	30.0

Manual Integrations
 APPROVED

mohammad
 11/22/2019 1:24:16 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

