

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
 Data File : BN008701.D
 Acq On : 22 Nov 2019 06:40
 Operator : JU
 Sample : K5854-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2

Manual Integrations
 APPROVED

mohammad
 11/22/2019 1:24:14 PM

Quant Time: Nov 22 07:45:37 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	4257	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15678	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	9143	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	17702	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	13915	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	14558	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	4062	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	9853	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	55986	1.185	ng/ul	98
5) 2-Methylnaphthalene	12.03	142	37199	1.127	ng/ul	100
7) Acenaphthylene	13.95	152	15590	0.308	ng/ul	97
8) Acenaphthene	14.29	153	6122	0.163	ng/ul	98
9) Fluorene	15.28	166	9293	0.211	ng/ul#	90
12) Phenanthrene	17.02	178	108215	1.813	ng/ul	98
13) Anthracene	17.11	178	33711	0.598	ng/ul	98
15) Fluoranthene	19.04	202	213391	2.909	ng/ul	94
17) Pyrene	19.40	202	213100	3.817	ng/ul	96
18) Benzo(a)anthracene	21.16	228	117318	2.096	ng/ul	96
19) Chrysene	21.21	228	117732m	2.142	ng/ul	
21) Benzo(b)fluoranthene	22.70	252	164455m	2.739	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	53482m	0.898	ng/ul	
23) Benzo(a)pyrene	23.25	252	104535	1.855	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.47	276	68843	1.045	ng/ul	97
25) Dibenzo(a,h)anthracene	25.49	278	17031	0.320	ng/ul#	43
26) Benzo(a,h,i)perylene	26.12	276	65083	1.181	ng/ul#	94

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

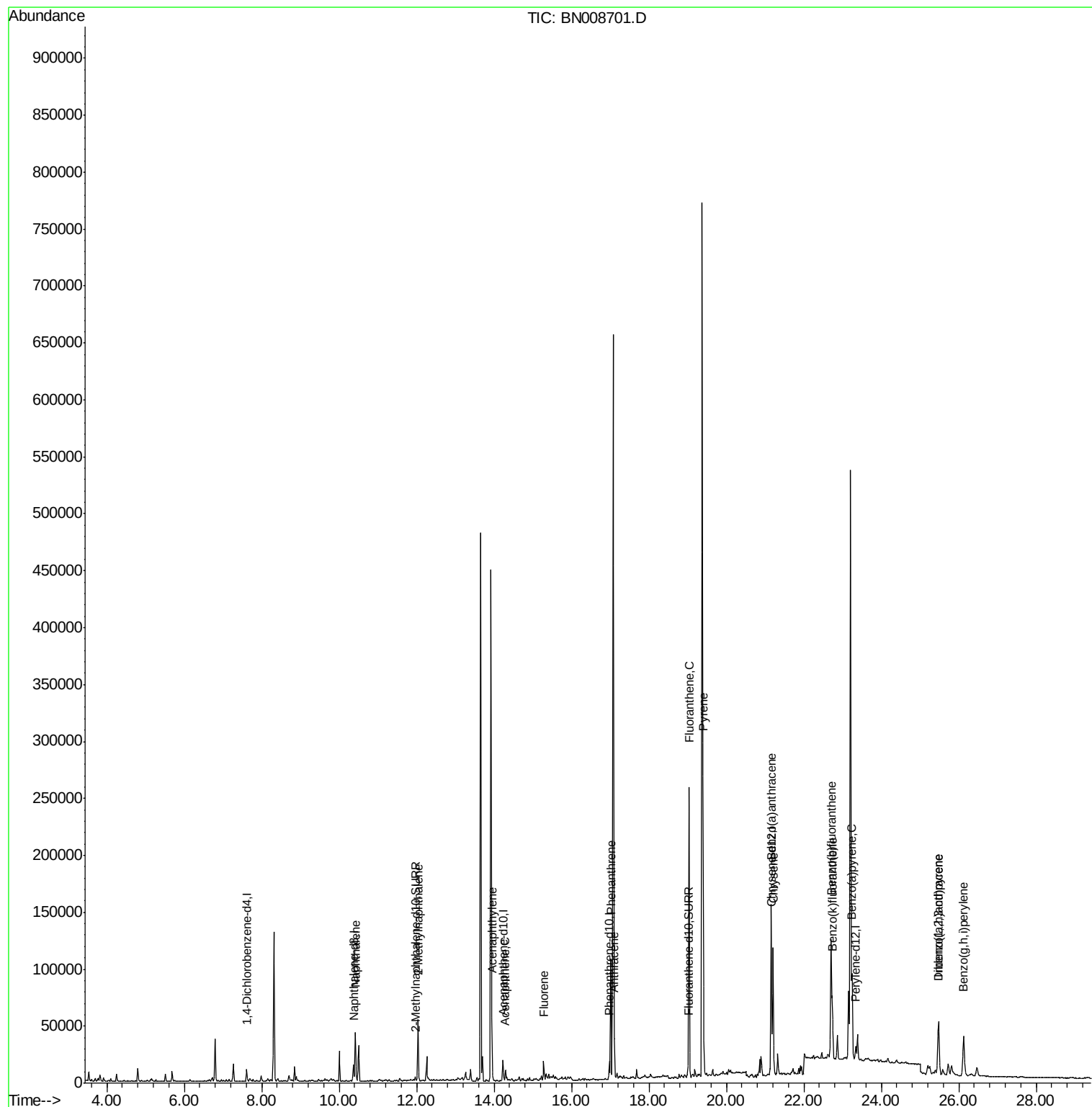
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008701.D
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ALS Vial : 21 Sample Multiplier: 1

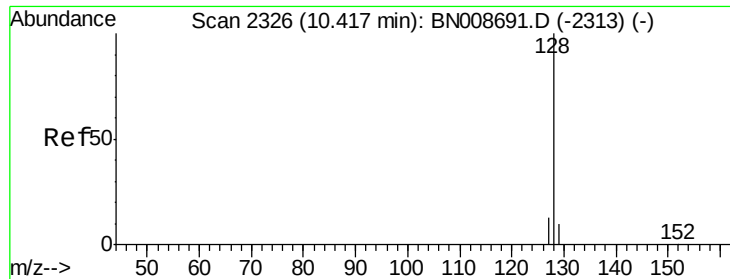
Instrument :
BNA_N
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C0AC2

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Quant Time: Nov 22 07:45:37 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





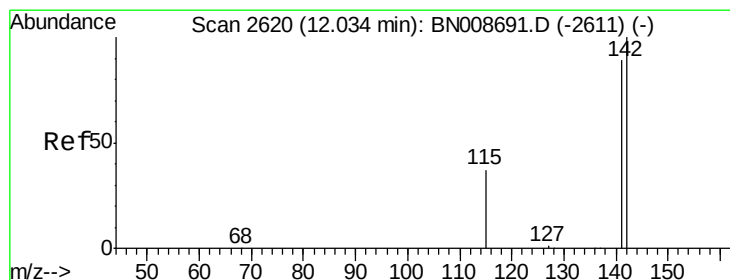
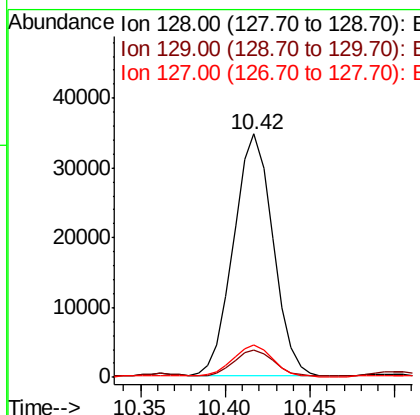
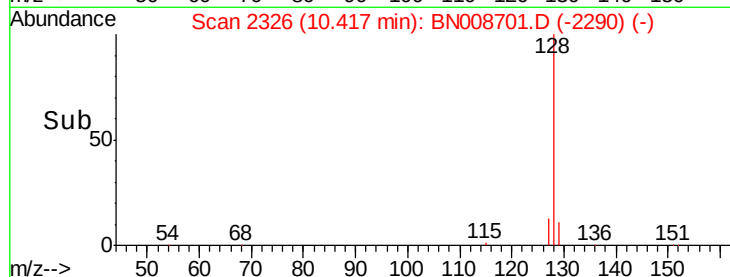
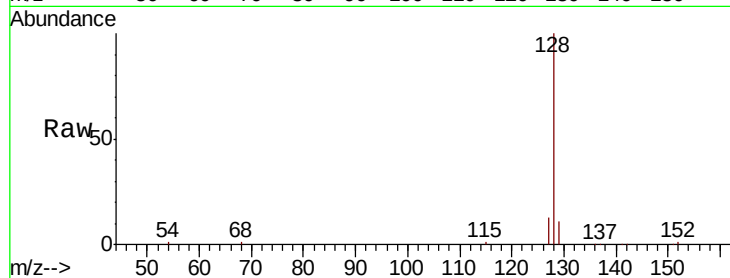
#3
Naphthalene
Concen: 1.185 ng/ul
RT: 10.42 min Scan# 2326
Delta R.T. 0.00 min
Lab File: BN008701.D
Acq: 22 Nov 2019 06:40

Instrument :
BNA_N
ClientSampleId :
C0AC2

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.7	14.5
127	13.2	10.8	16.2

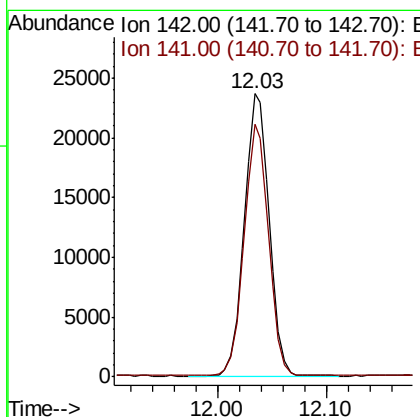
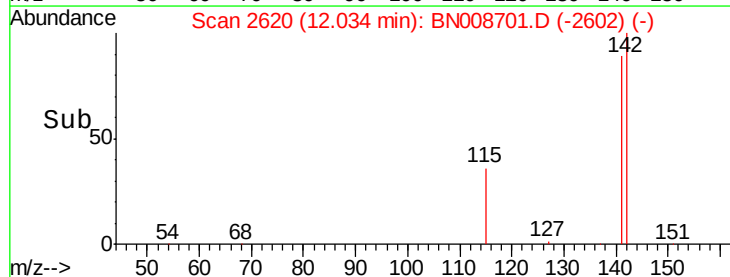
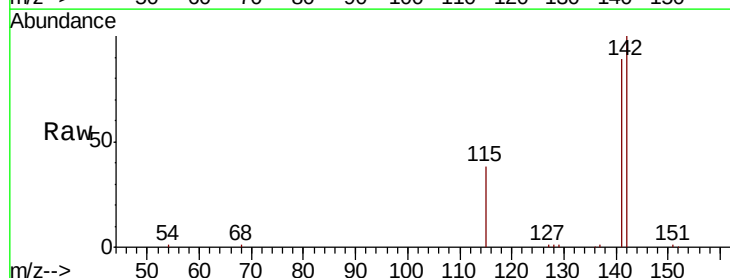
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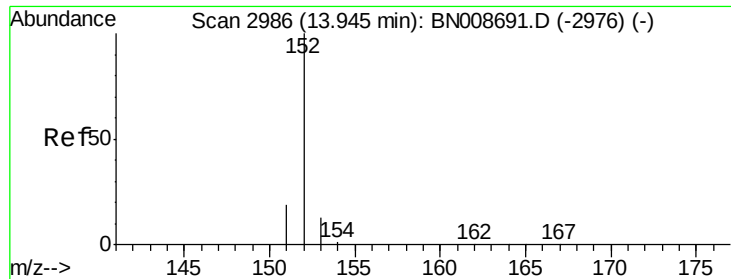
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#5
2-Methylnaphthalene
Concen: 1.127 ng/ul
RT: 12.03 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BN008701.D
Acq: 22 Nov 2019 06:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.5	105.7





#7

Acenaphthylene

Concen: 0.308 ng/ul

RT: 13.95 min Scan# 2987

Delta R.T. 0.00 min

Lab File: BN008701.D

Acq: 22 Nov 2019 06:40

Instrument :

BNA_N

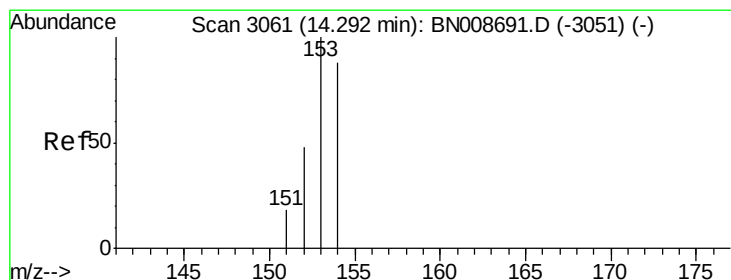
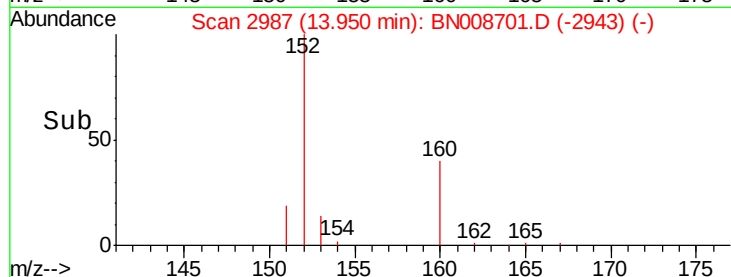
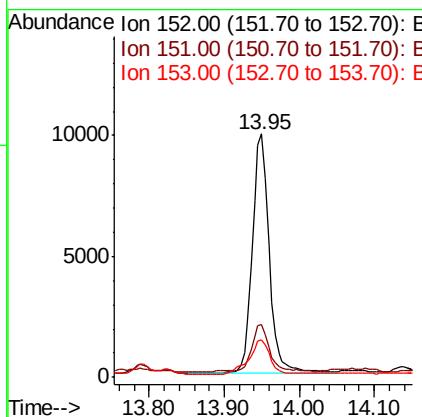
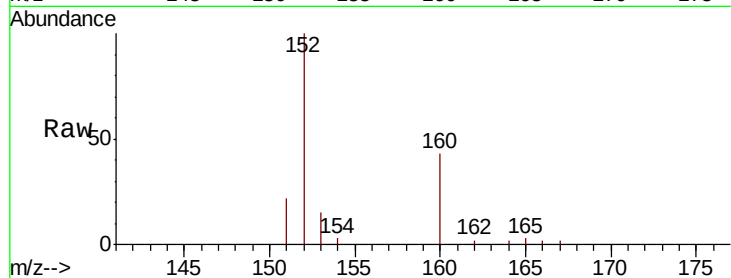
ClientSampleId :

C0AC2

Tot Ion:	152	Resp:	15590
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.6	24.8
153	15.4	11.1	16.7

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#8

Acenaphthene

Concen: 0.163 ng/ul

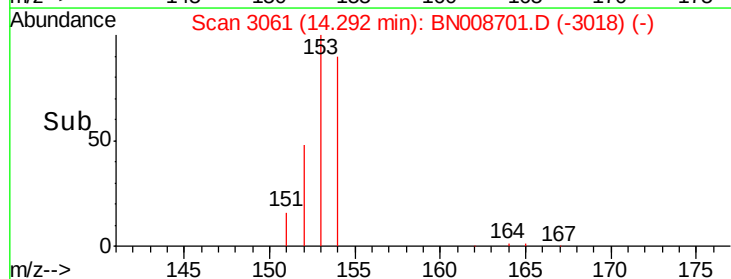
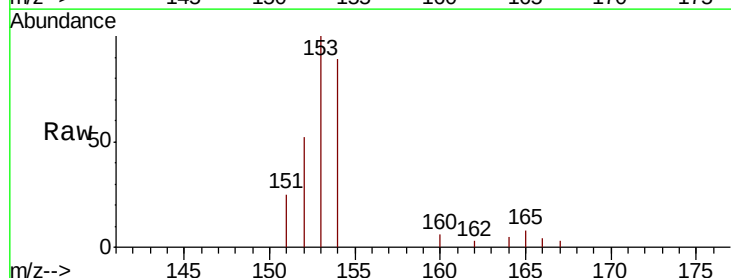
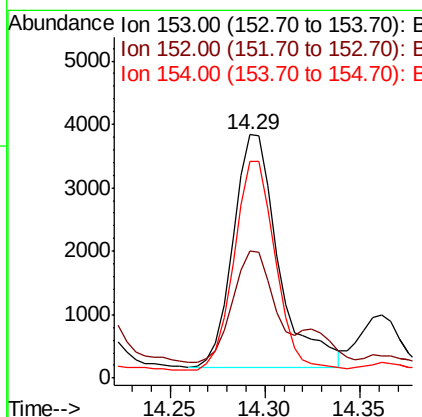
RT: 14.29 min Scan# 3061

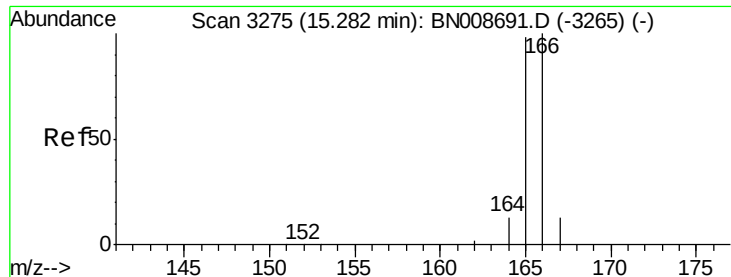
Delta R.T. 0.00 min

Lab File: BN008701.D

Acq: 22 Nov 2019 06:40

Tgt Ion:	153	Resp:	6122
Ion Ratio	Lower	Upper	
153	100		
152	52.0	39.6	59.4
154	89.0	70.6	106.0





#9

Fluorene

Concen: 0.211 ng/ul

RT: 15.28 min Scan# 3275

Delta R.T. 0.00 min

Lab File: BN008701.D

Acq: 22 Nov 2019 06:40

Instrument :

BNA_N

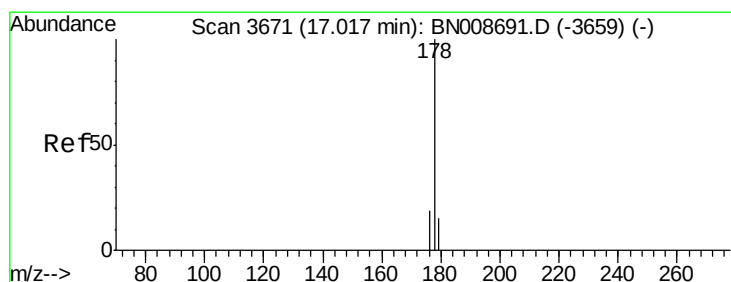
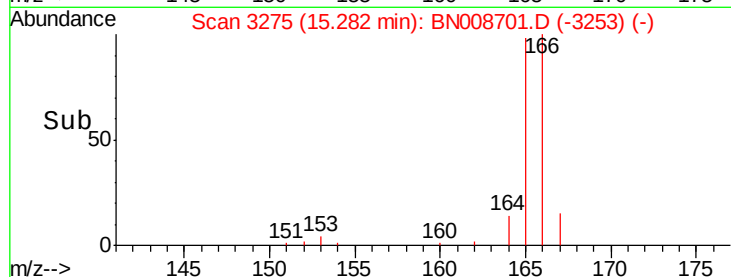
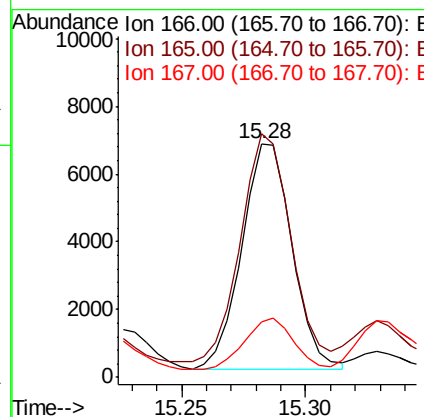
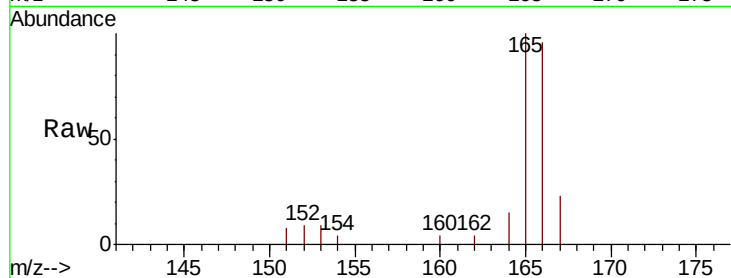
ClientSampleId :

C0AC2

Tot Ion:	166	Resp:	9293
Ion Ratio	Lower	Upper	
166	100		
165	104.2	77.4	116.0
167	23.5	11.4	17.0#

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#12

Phenanthrene

Concen: 1.813 ng/ul

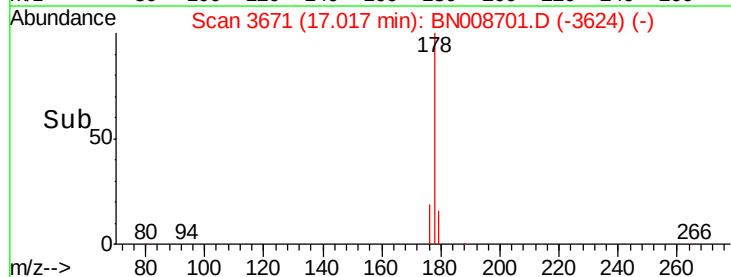
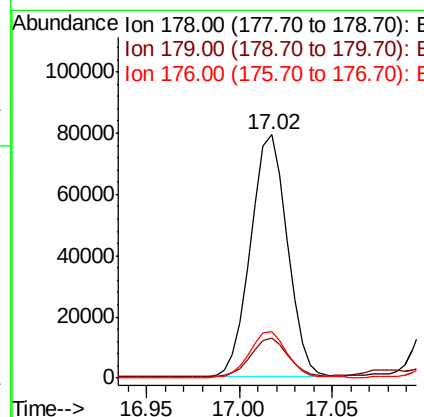
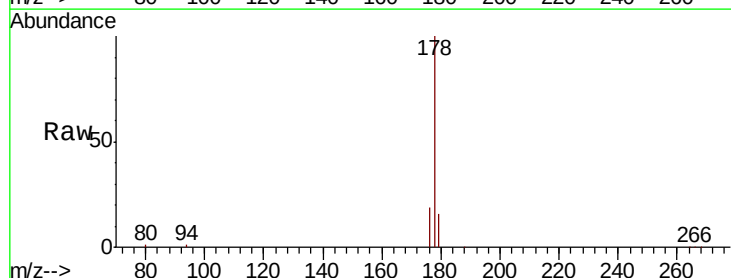
RT: 17.02 min Scan# 3671

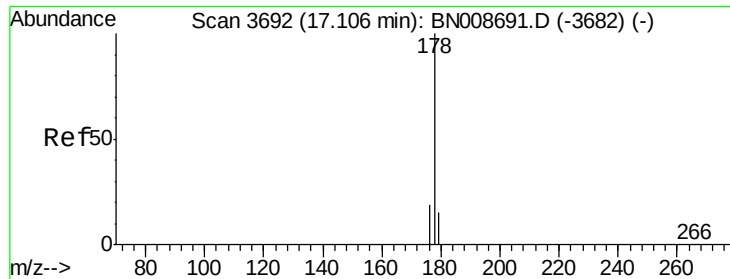
Delta R.T. 0.00 min

Lab File: BN008701.D

Acq: 22 Nov 2019 06:40

Tgt Ion:	178	Resp:	108215
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.8	19.2
176	18.9	16.0	24.0





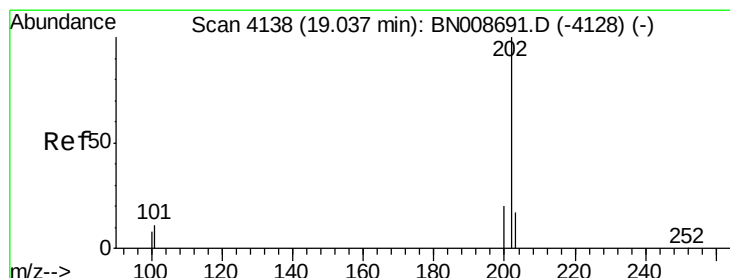
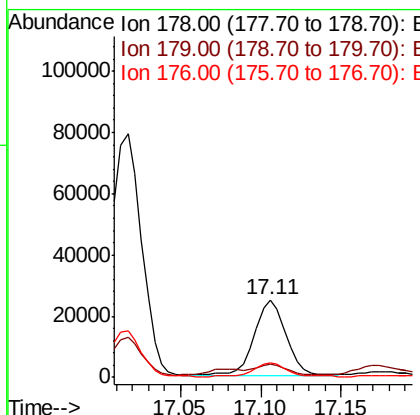
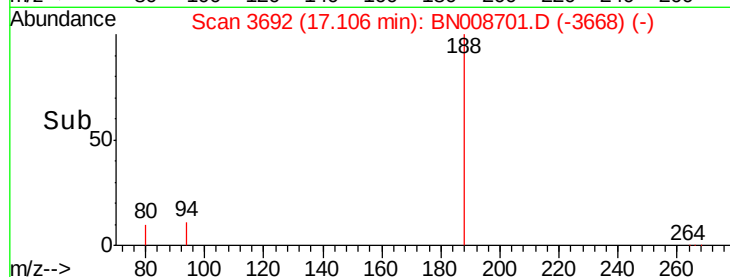
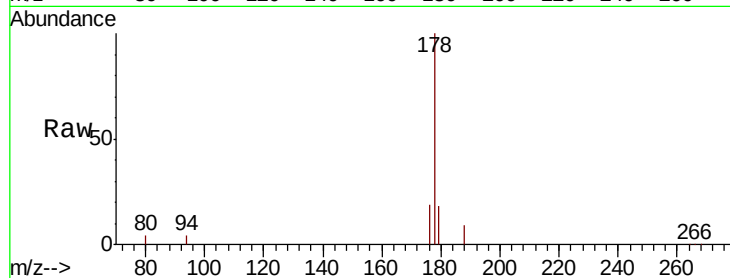
#13
 Anthracene
 Concen: 0.598 ng/ul
 RT: 17.11 min Scan# 3692
 Delta R.T. 0.00 min
 Lab File: BN008701.D
 Acq: 22 Nov 2019 06:40

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.8	13.0	19.4
176	18.8	15.3	22.9

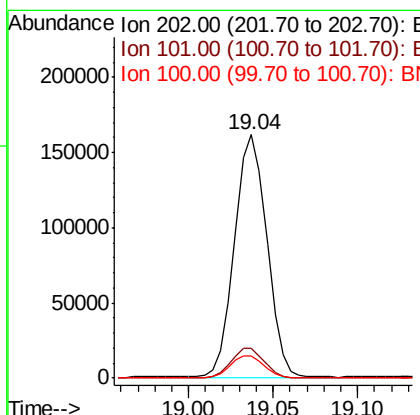
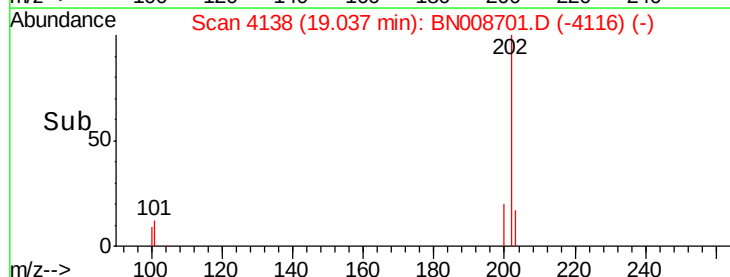
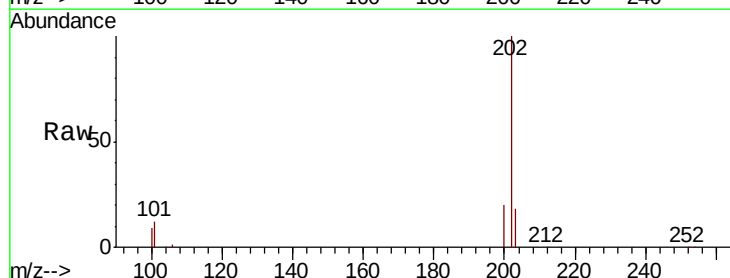
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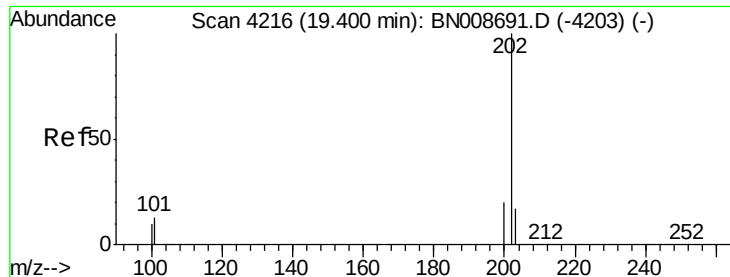
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#15
 Fluoranthene
 Concen: 2.909 ng/ul
 RT: 19.04 min Scan# 4138
 Delta R.T. 0.00 min
 Lab File: BN008701.D
 Acq: 22 Nov 2019 06:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	29.6
100	9.1	0.0	27.0





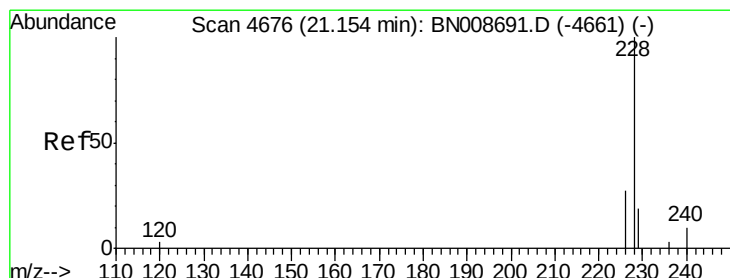
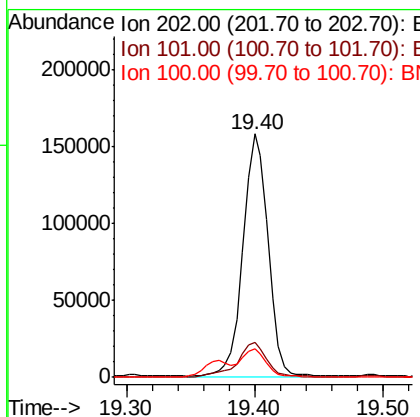
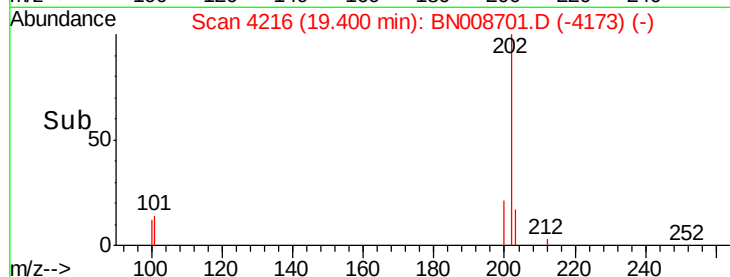
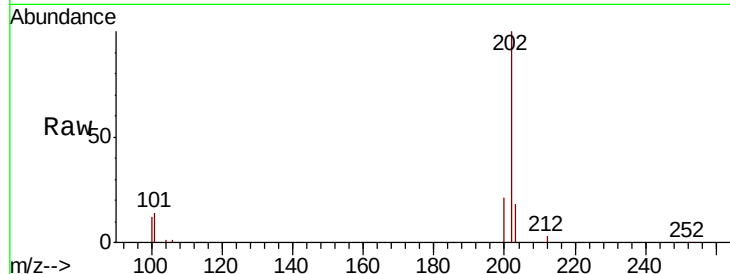
#17
Pvrene
Concen: 3.817 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. 0.00 min
Lab File: BN008701.D
Acq: 22 Nov 2019 06:40

Instrument :
BNA_N
ClientSampleId :
C0AC2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.5	10.2	15.2
100	11.7	8.2	12.2

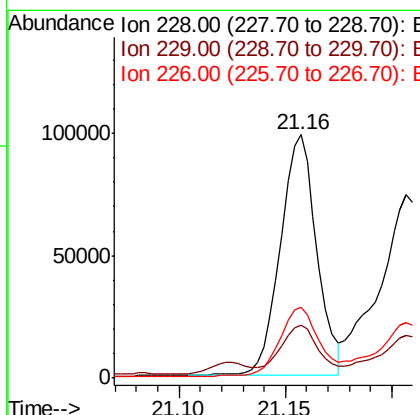
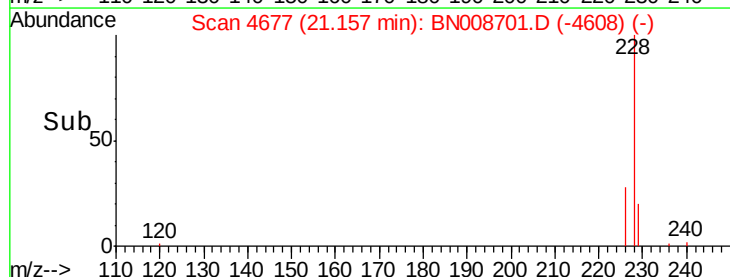
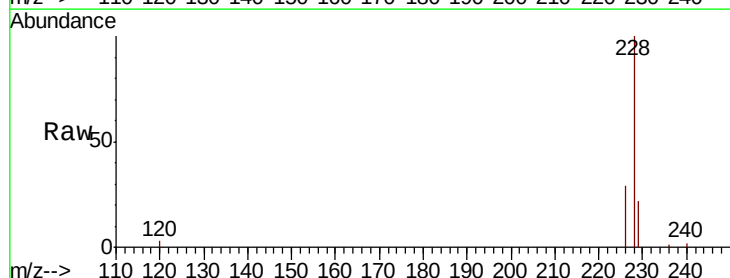
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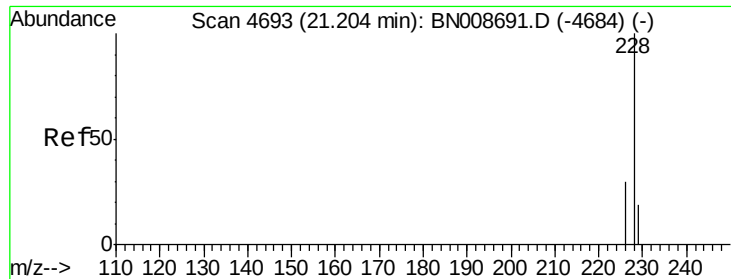
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#18
Benzo(a)anthracene
Concen: 2.096 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. 0.00 min
Lab File: BN008701.D
Acq: 22 Nov 2019 06:40

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.8	15.8	23.6
226	29.0	21.6	32.4





#19

Chrysene

Concen: 2.142 ng/ul m

RT: 21.21 min Scan# 4694

Delta R.T. 0.00 min

Lab File: BN008701.D

Acq: 22 Nov 2019 06:40

Instrument :

BNA_N

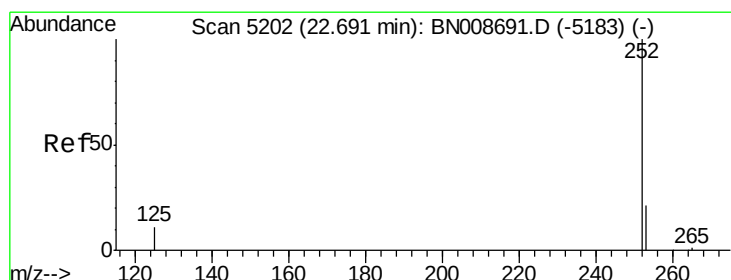
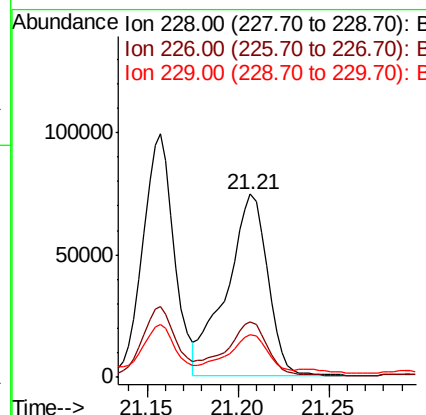
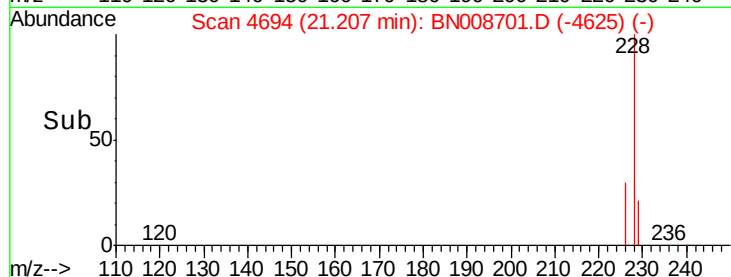
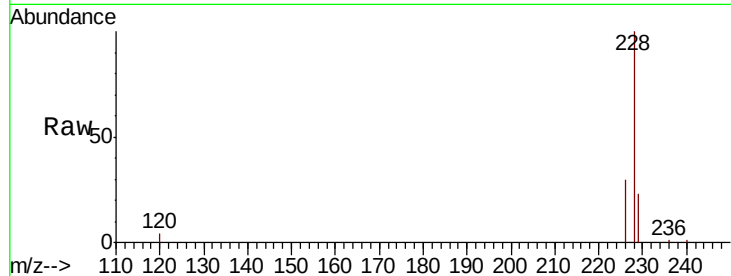
ClientSampleId :

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Tot Ion:	228	Resp:	117732
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.5	36.7
229	23.4	15.5	23.3#

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#21

Benzo(b)fluoranthene

Concen: 2.739 ng/ul m

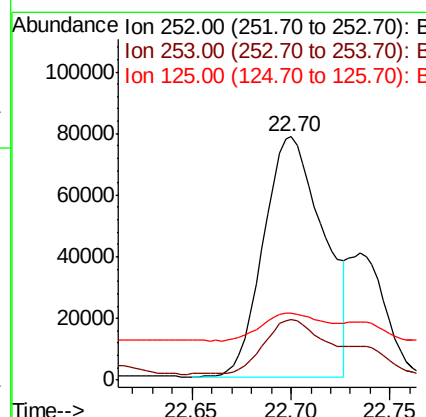
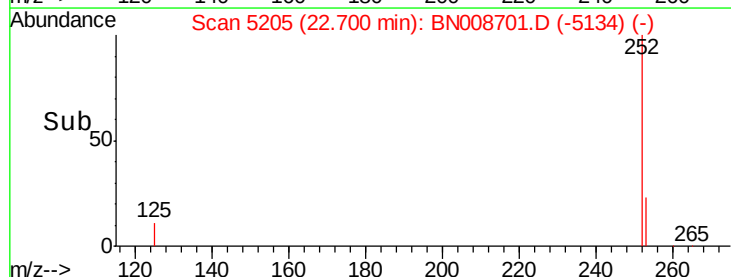
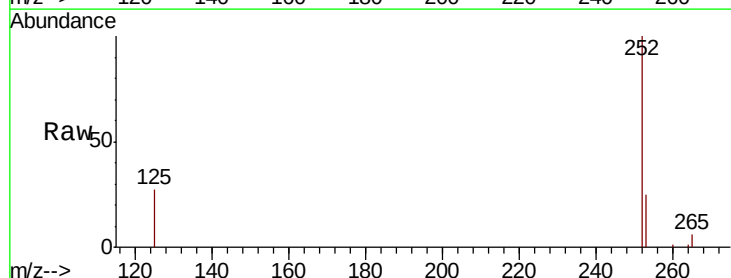
RT: 22.70 min Scan# 5205

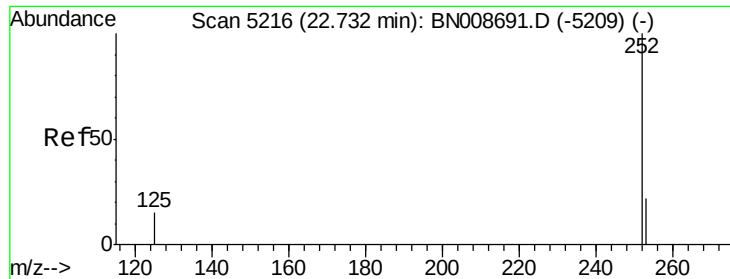
Delta R.T. 0.01 min

Lab File: BN008701.D

Acq: 22 Nov 2019 06:40

Tgt Ion:	252	Resp:	164455
Ion Ratio	Lower	Upper	
252	100		
253	24.9	0.0	50.2
125	27.3	0.0	30.0





#22

Benzo(k)fluoranthene

Concen: 0.898 ng/ul m

RT: 22.74 min Scan# 5217

Delta R.T. 0.00 min

Lab File: BN008701.D

Acq: 22 Nov 2019 06:40

Instrument :

BNA_N

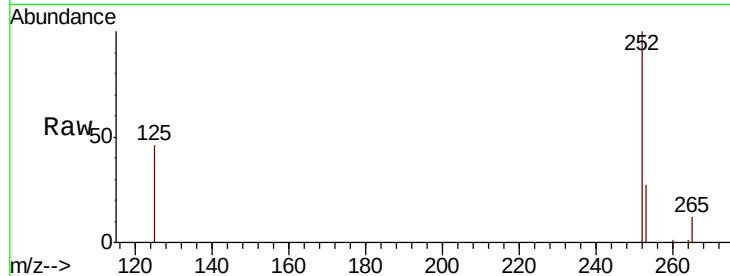
ClientSampleId :

C0AC2

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.0	20.5	30.7
125	46.0	15.0	22.4#

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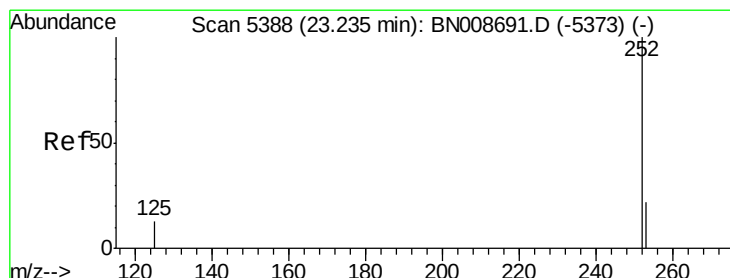
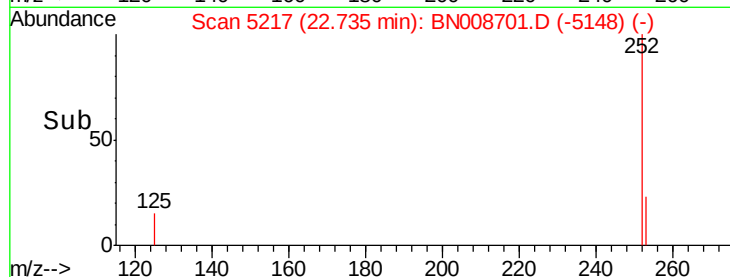
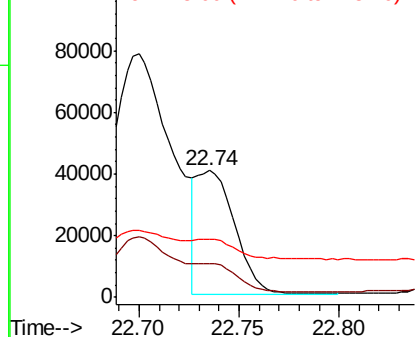


Abundance

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: 1.855 ng/ul

RT: 23.25 min Scan# 5392

Delta R.T. 0.01 min

Lab File: BN008701.D

Acq: 22 Nov 2019 06:40

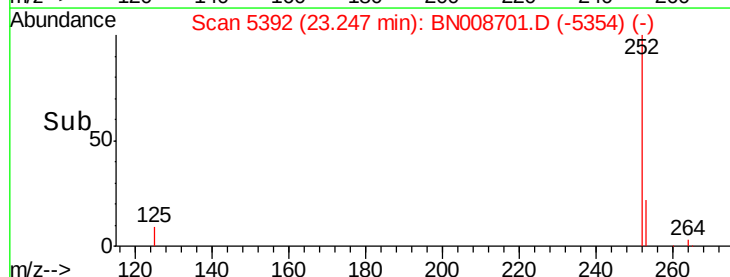
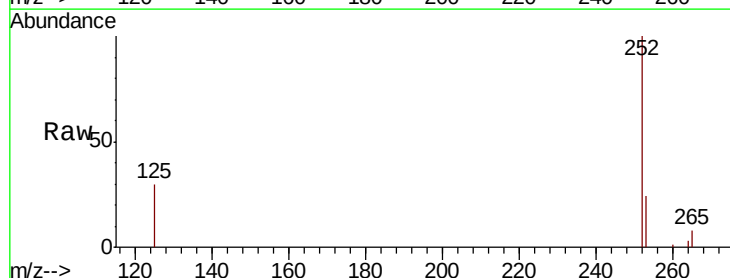
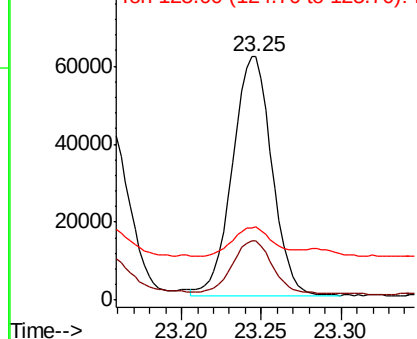
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	21.4	32.2
125	30.0	13.8	20.8#

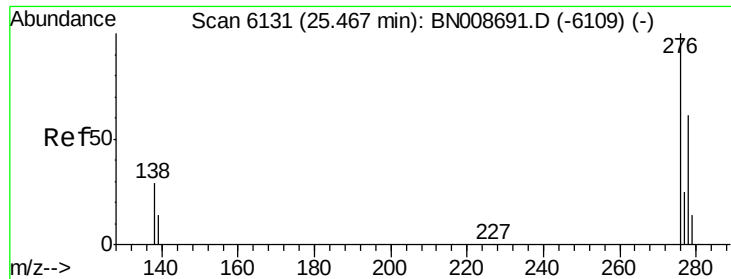
Abundance

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





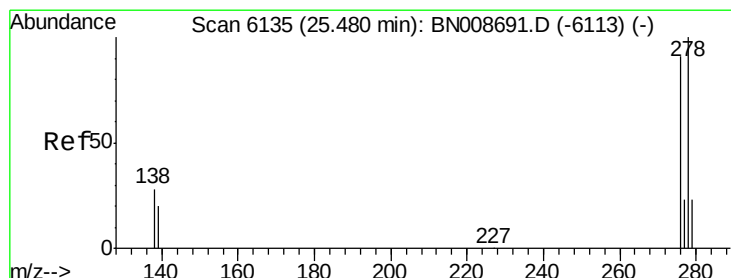
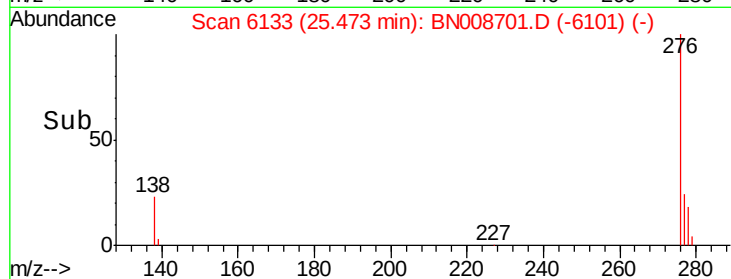
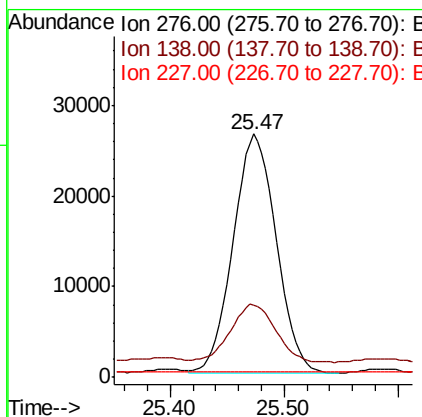
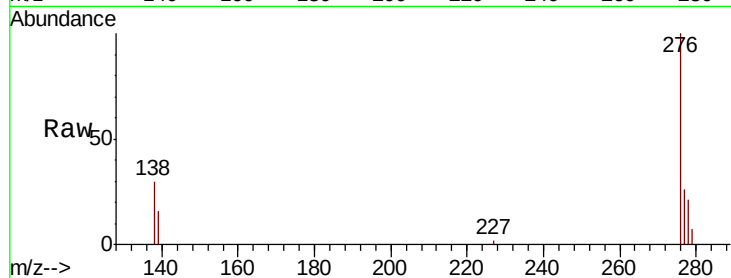
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.045 ng/ul
 RT: 25.47 min Scan# 6133
 Delta R.T. 0.01 min
 Lab File: BN008701.D
 Acq: 22 Nov 2019 06:40

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2

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

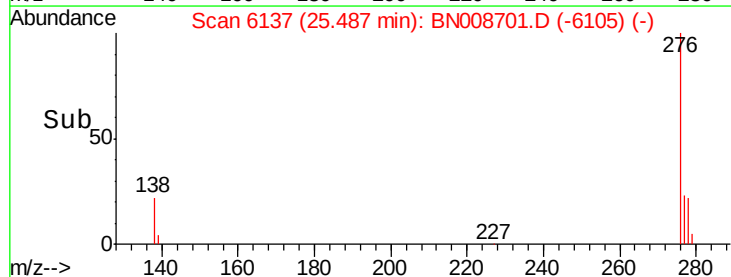
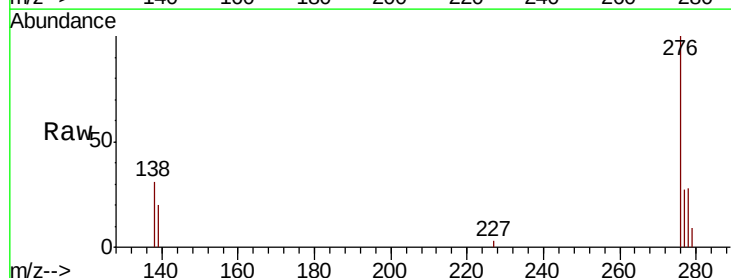
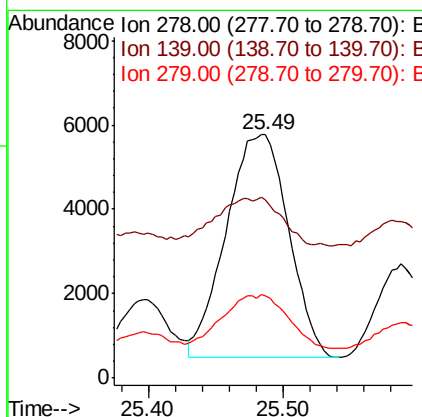
Manual Integrations
 APPROVED

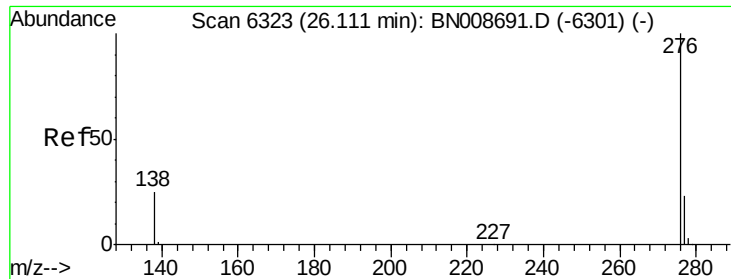
mohammad
 11/22/2019 1:24:14 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.320 ng/ul
 RT: 25.49 min Scan# 6137
 Delta R.T. 0.01 min
 Lab File: BN008701.D
 Acq: 22 Nov 2019 06:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	73.2	18.7	28.1#
279	34.0	20.8	31.2#





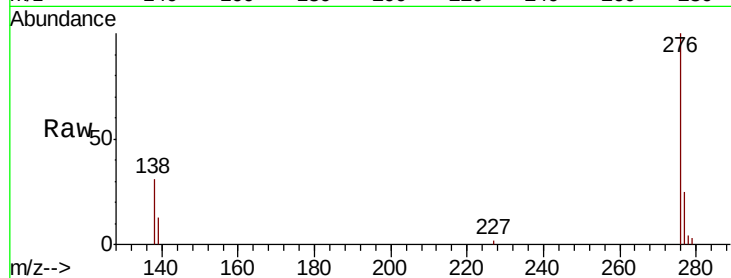
#26
 Benzo(a,h,i)perylene
 Concen: 1.181 ng/ul
 RT: 26.12 min Scan# 6327
 Delta R.T. 0.01 min
 Lab File: BN008701.D
 Acq: 22 Nov 2019 06:40

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.6	20.0	30.0#
277	25.3	20.0	30.0

Manual Integrations
 APPROVED

mohammad
 11/22/2019 1:24:14 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

