

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
 Data File : BN008695.D
 Acq On : 22 Nov 2019 03:03
 Operator : JU
 Sample : K5854-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD0

Manual Integrations
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Quant Time: Nov 22 07:27:21 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	4554	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	16828	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	10311	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	19679	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	14378	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	16099	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	4794	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	12152	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	73206	1.443	ng/ul	98
5) 2-Methylnaphthalene	12.04	142	65301	1.843	ng/ul	100
7) Acenaphthylene	13.95	152	7726	0.136	ng/ul#	86
8) Acenaphthene	14.30	153	19034	0.450	ng/ul	98
9) Fluorene	15.29	166	31578	0.636	ng/ul#	94
12) Phenanthrene	17.02	178	498063	7.505	ng/ul	98
13) Anthracene	17.11	178	107507	1.714	ng/ul	99
15) Fluoranthene	19.04	202	763544	9.364	ng/ul	93
17) Pyrene	19.40	202	687885	11.925	ng/ul	95
18) Benzo(a)anthracene	21.16	228	316905	5.481	ng/ul	97
19) Chrysene	21.21	228	325325	5.728	ng/ul	96
21) Benzo(b)fluoranthene	22.70	252	428982m	6.462	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	129724m	1.970	ng/ul	
23) Benzo(a)pyrene	23.25	252	278036	4.462	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.48	276	192152	2.637	ng/ul	95
25) Dibenzo(a,h)anthracene	25.49	278	50284	0.854	ng/ul#	69
26) Benzo(a,h,i)perylene	26.13	276	193869	3.180	ng/ul	97

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

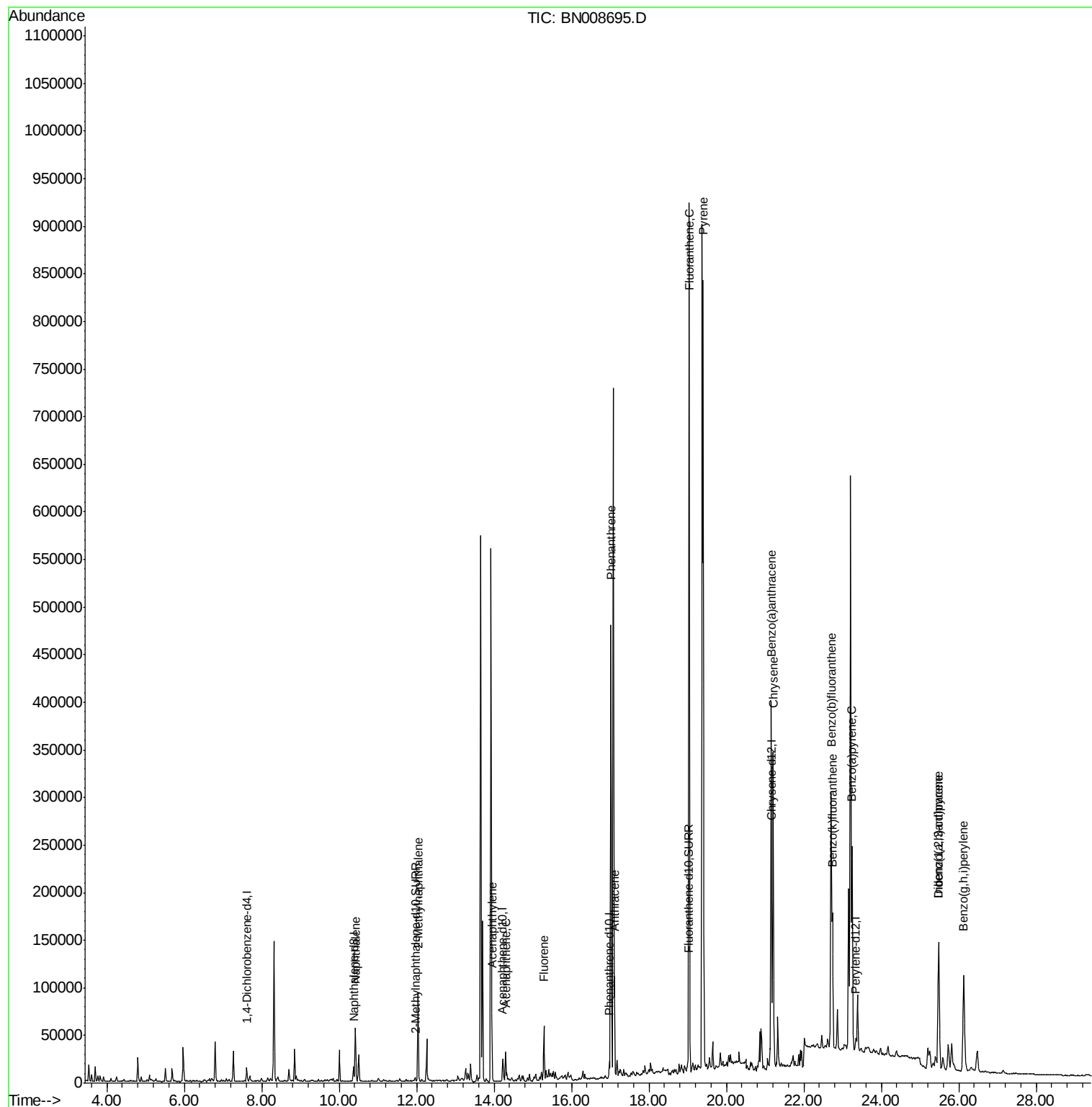
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008695.D
Acq On : 22 Nov 2019 03:03
Operator : JU
Sample : K5854-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

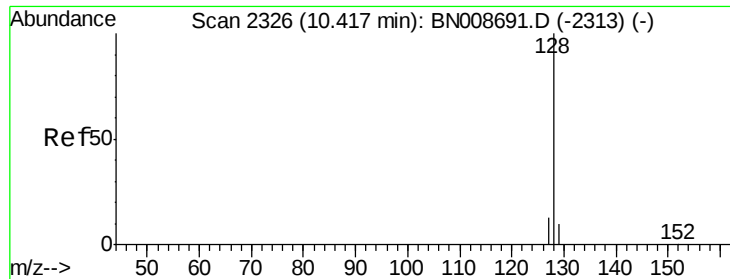
Instrument :
BNA_N
ClientSampleId :
C0AD0

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Quant Time: Nov 22 07:27:21 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: 1.443 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BN008695.D

Acq: 22 Nov 2019 03:03

Instrument :

BNA_N

ClientSampleId :

C0AD0

Tot Ion:128 Resp: 73206

Ion Ratio Lower Upper

128 100

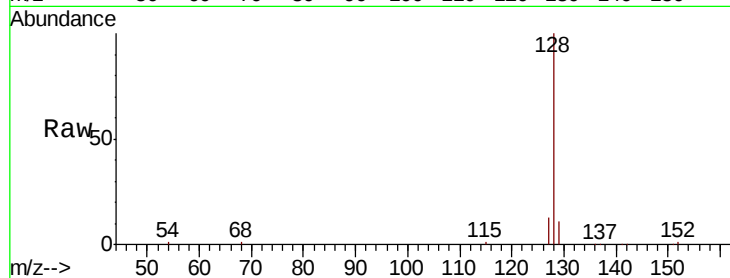
129 11.1 9.7 14.5

127 13.2 10.8 16.2

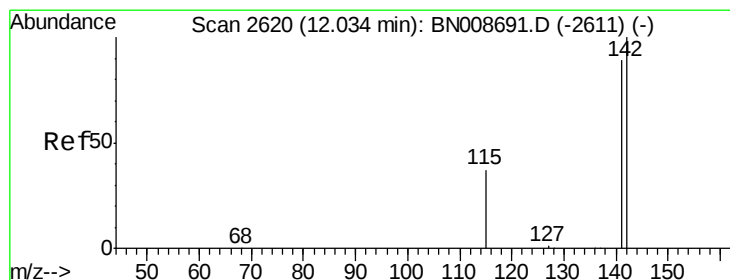
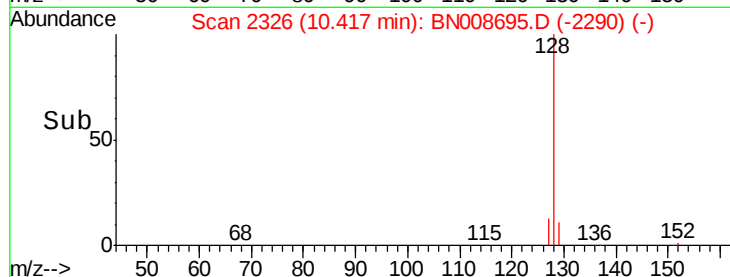
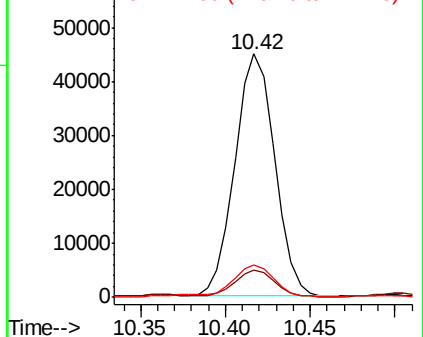
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.843 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. 0.01 min

Lab File: BN008695.D

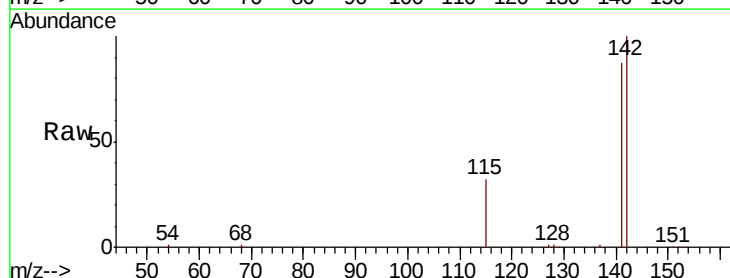
Acq: 22 Nov 2019 03:03

Tgt Ion:142 Resp: 65301

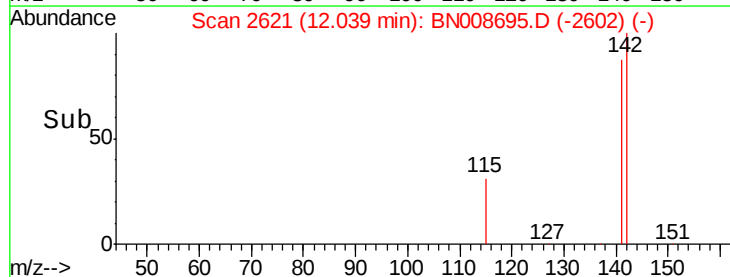
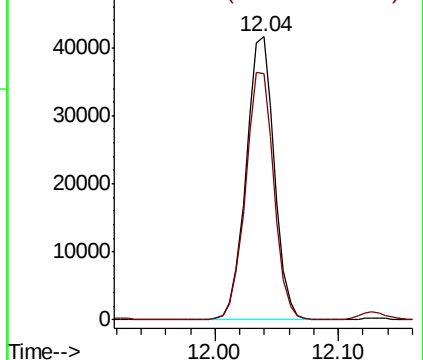
Ion Ratio Lower Upper

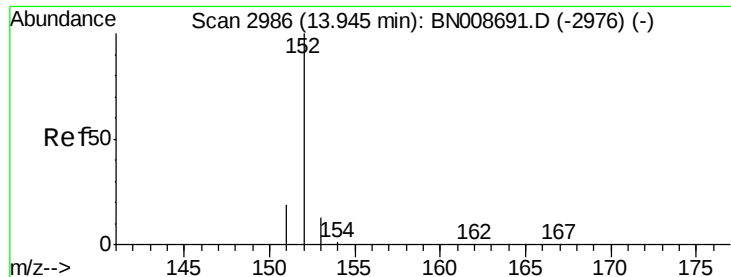
142 100

141 88.1 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.136 ng/ul

RT: 13.95 min Scan# 2987

Delta R.T. 0.00 min

Lab File: BN008695.D

Acq: 22 Nov 2019 03:03

Instrument :

BNA_N

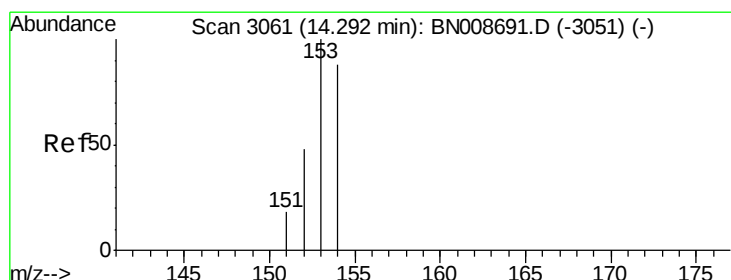
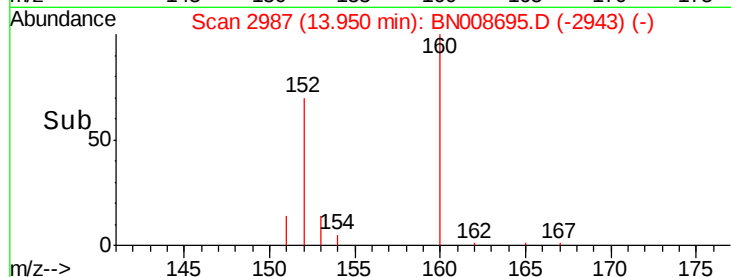
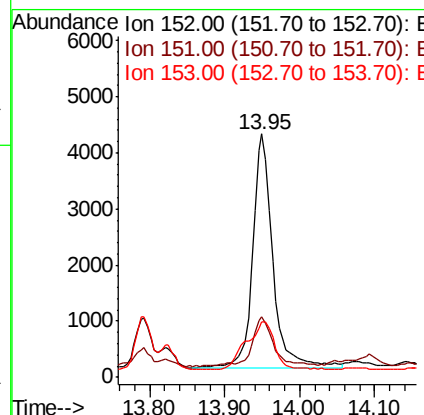
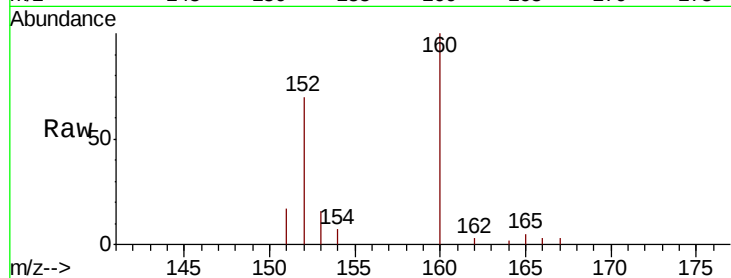
ClientSampleId :

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Tot Ion:	152	Resp:	7726
Ion Ratio	Lower	Upper	
152	100		
151	24.6	16.6	24.8
153	22.8	11.1	16.7

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#8

Acenaphthene

Concen: 0.450 ng/ul

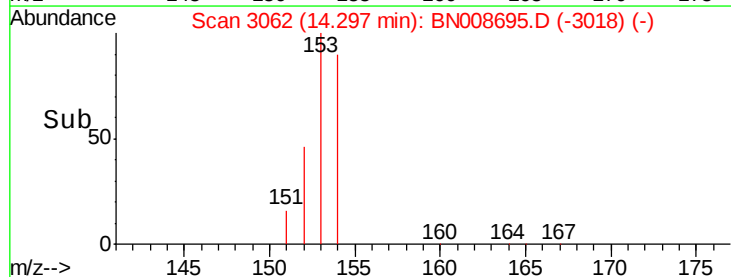
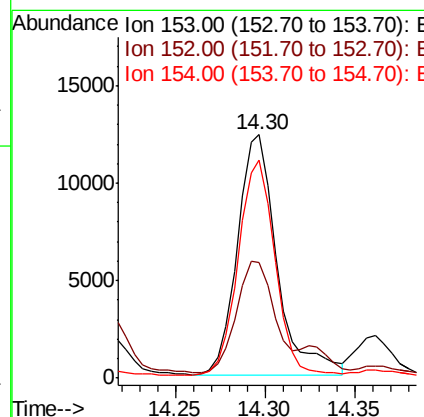
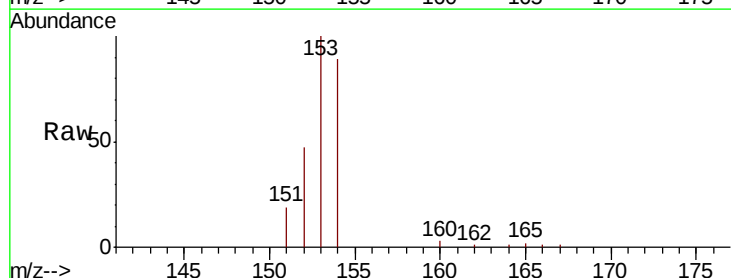
RT: 14.30 min Scan# 3062

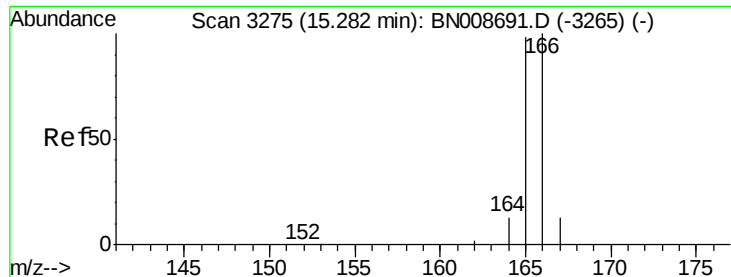
Delta R.T. 0.00 min

Lab File: BN008695.D

Acq: 22 Nov 2019 03:03

Tgt Ion:	153	Resp:	19034
Ion Ratio	Lower	Upper	
153	100		
152	47.3	39.6	59.4
154	89.4	70.6	106.0





#9

Fluorene

Concen: 0.636 ng/ul

RT: 15.29 min Scan# 3276

Delta R.T. 0.00 min

Lab File: BN008695.D

Acq: 22 Nov 2019 03:03

Instrument :

BNA_N

ClientSampleId :

C0AD0

Tot Ion:166 Resp: 31578

Ion Ratio Lower Upper

166 100

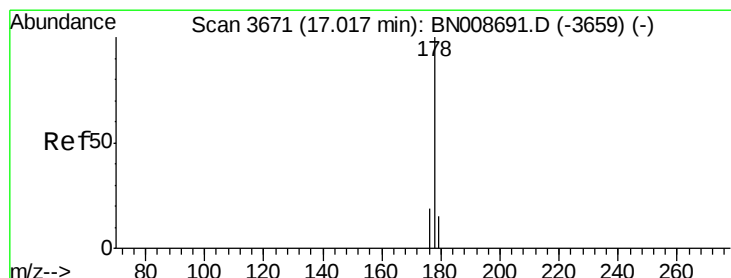
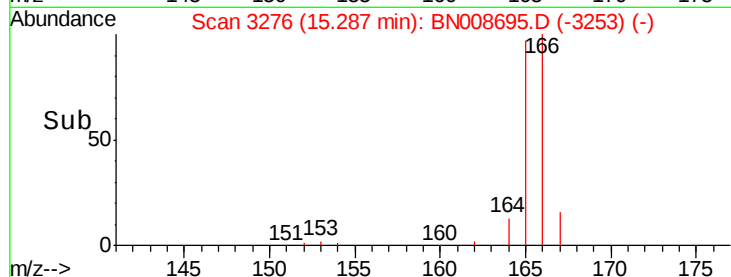
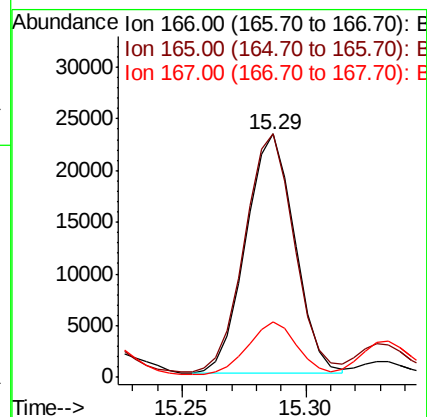
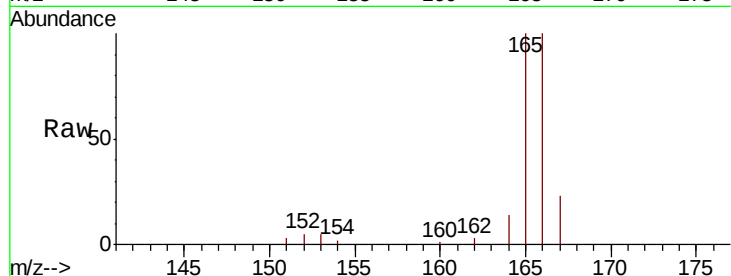
165 100.0 77.4 116.0

167 22.5 11.4 17.0#

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#12

Phenanthrene

Concen: 7.505 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BN008695.D

Acq: 22 Nov 2019 03:03

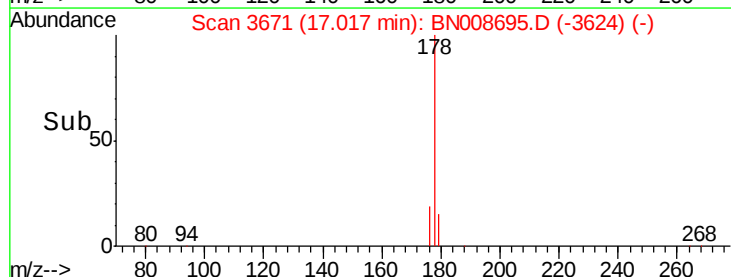
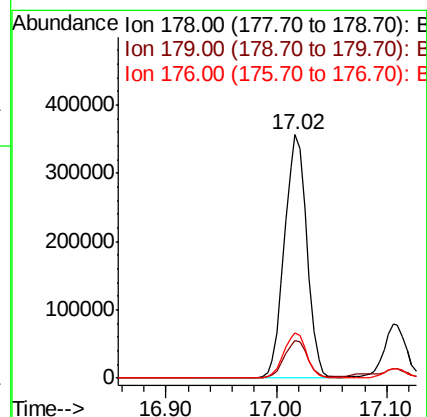
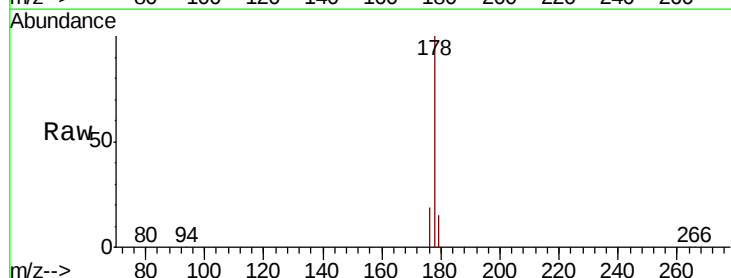
Tgt Ion:178 Resp: 498063

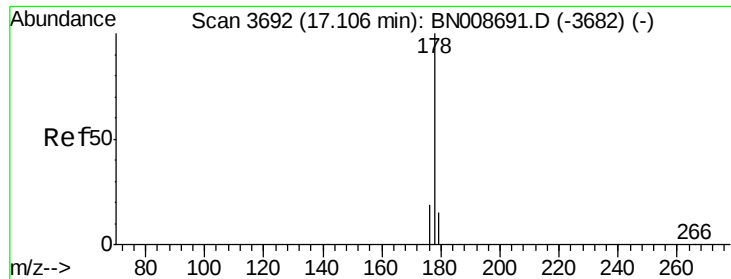
Ion Ratio Lower Upper

178 100

179 15.5 12.8 19.2

176 18.8 16.0 24.0





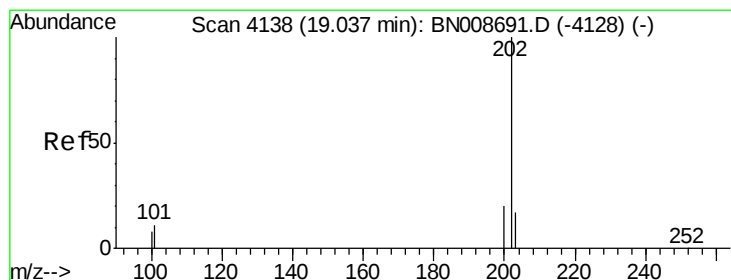
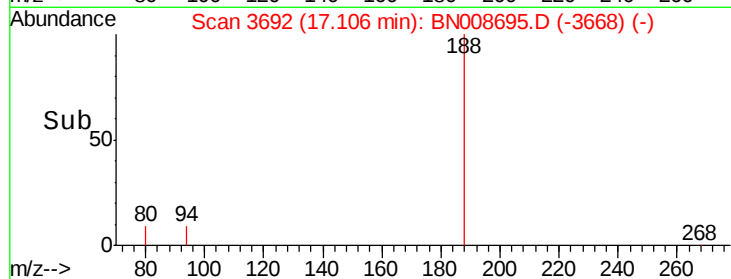
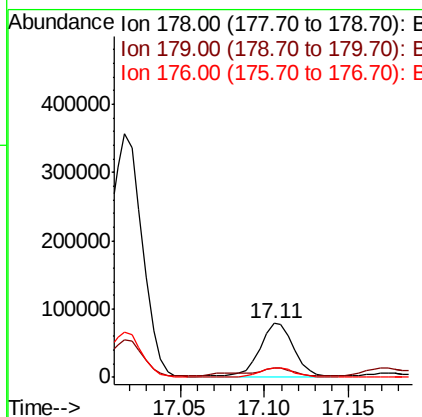
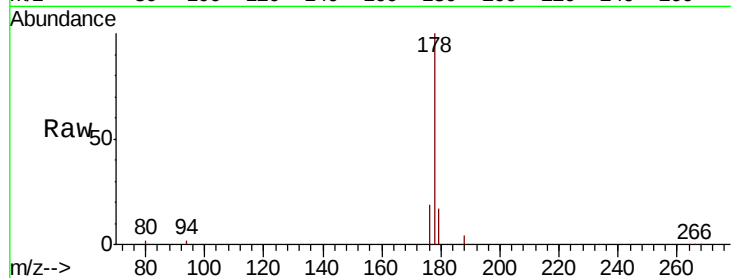
#13
 Anthracene
 Concen: 1.714 ng/ul
 RT: 17.11 min Scan# 3692
 Delta R.T. -0.00 min
 Lab File: BN008695.D
 Acq: 22 Nov 2019 03:03

Instrument :
 BNA_N
 ClientSampleId :
 C0AD0

Tot Ion:	178	Resp:	107507
Ion Ratio	Lower	Upper	
178	100		
179	16.8	13.0	19.4
176	18.6	15.3	22.9

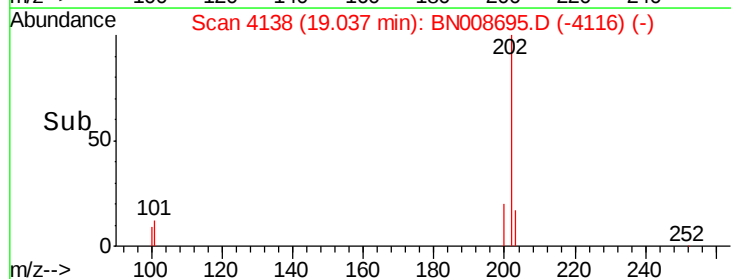
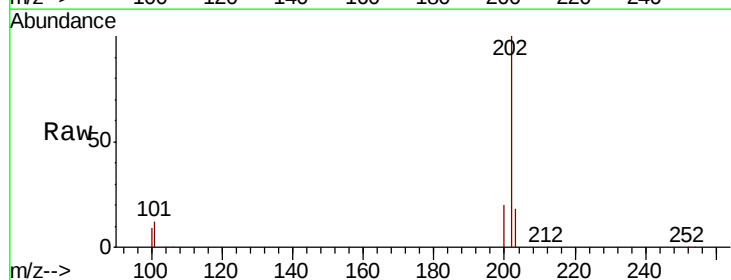
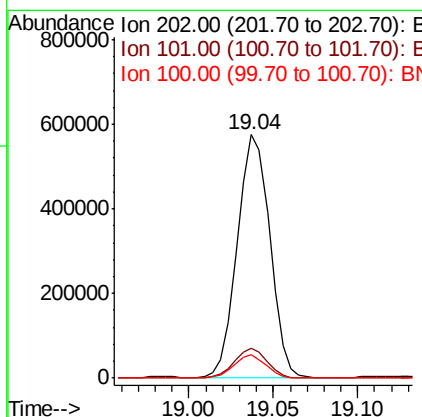
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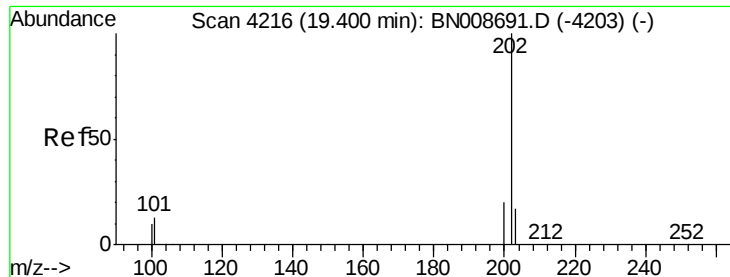
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#15
 Fluoranthene
 Concen: 9.364 ng/ul
 RT: 19.04 min Scan# 4138
 Delta R.T. -0.00 min
 Lab File: BN008695.D
 Acq: 22 Nov 2019 03:03

Tgt Ion:	202	Resp:	763544
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	29.6
100	9.4	0.0	27.0





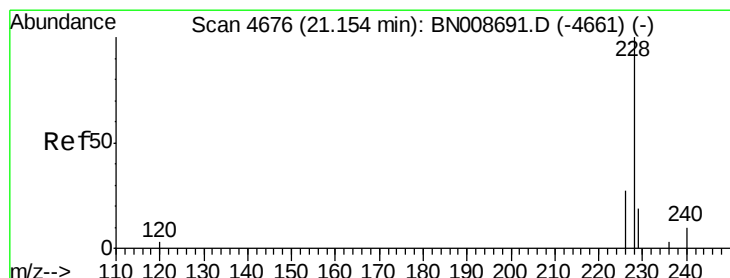
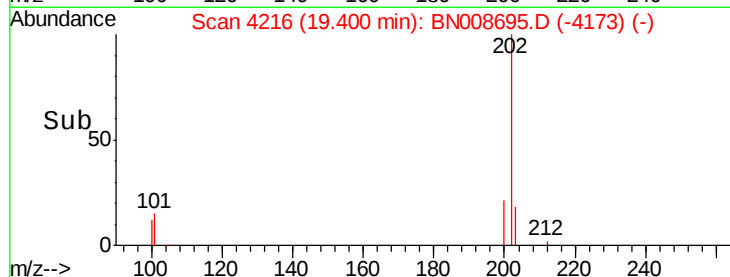
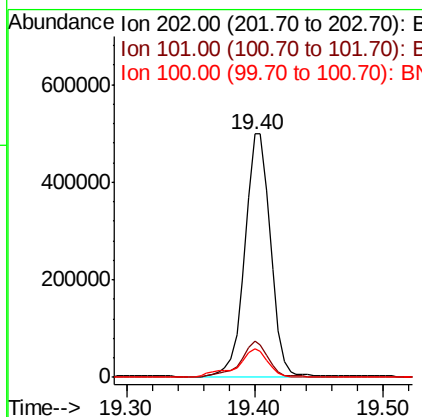
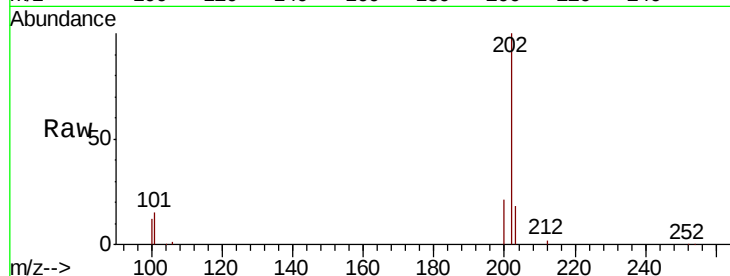
#17
Pvrene
Concen: 11.925 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008695.D
Acq: 22 Nov 2019 03:03

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.7	10.2	15.2
100	12.0	8.2	12.2

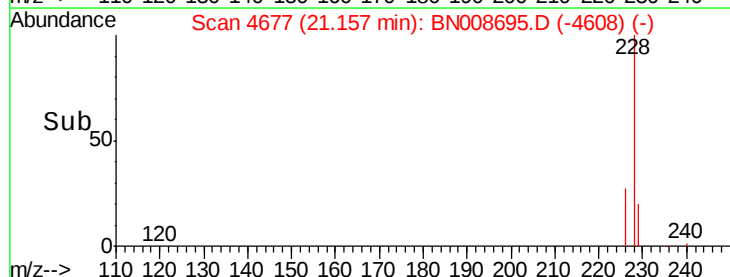
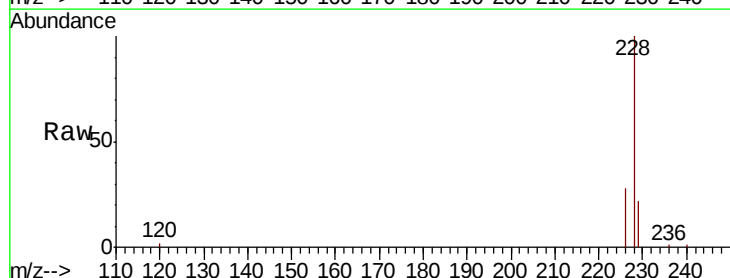
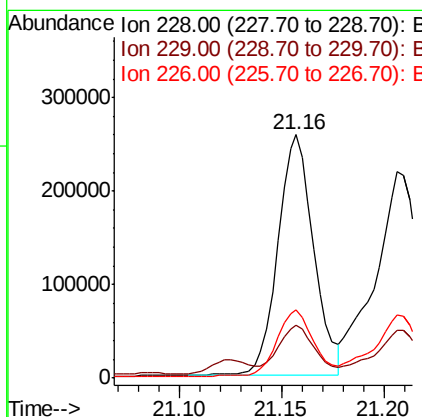
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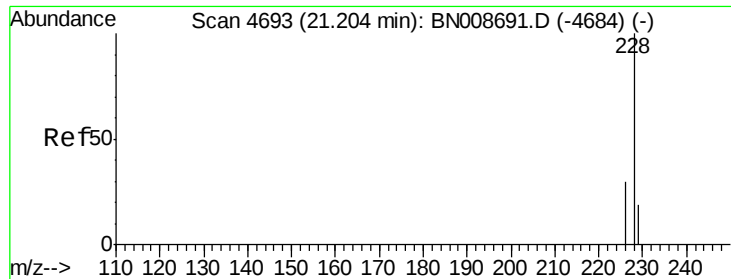
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#18
Benzo(a)anthracene
Concen: 5.481 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. 0.00 min
Lab File: BN008695.D
Acq: 22 Nov 2019 03:03

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.7	15.8	23.6
226	28.1	21.6	32.4





#19

Chrysene

Concen: 5.728 ng/ul

RT: 21.21 min Scan# 4694

Delta R.T. 0.00 min

Lab File: BN008695.D

Acq: 22 Nov 2019 03:03

Instrument :

BNA_N

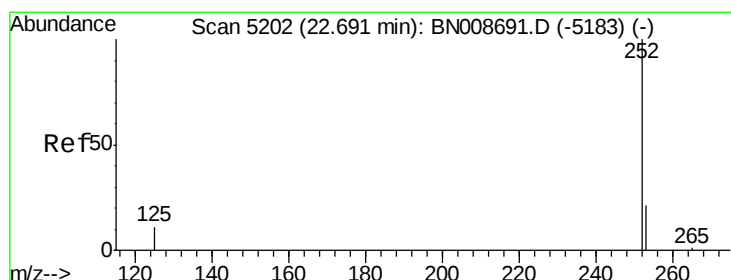
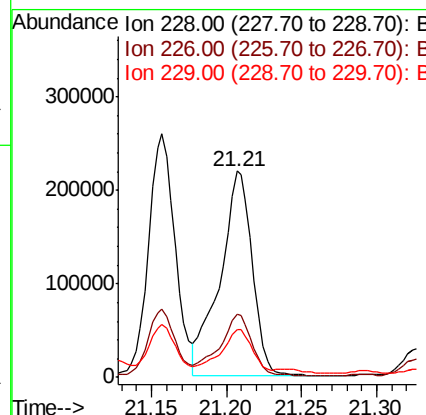
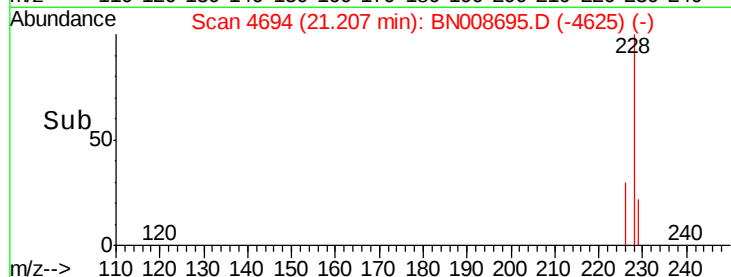
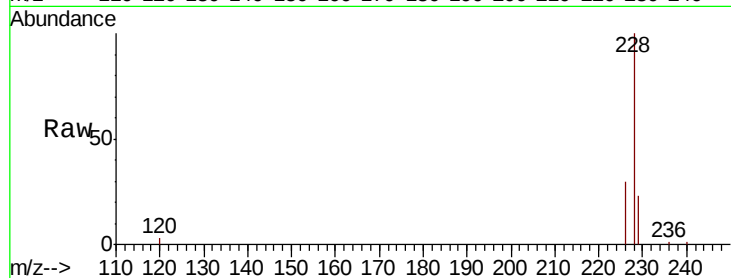
ClientSampleId :

C0AD0

Tot Ion:	228	Resp:	325325
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.5	36.7
229	23.2	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 6.462 ng/ul m

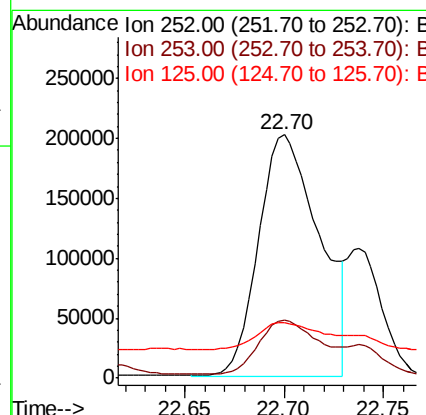
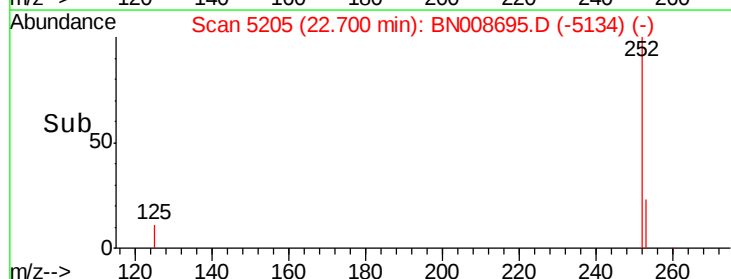
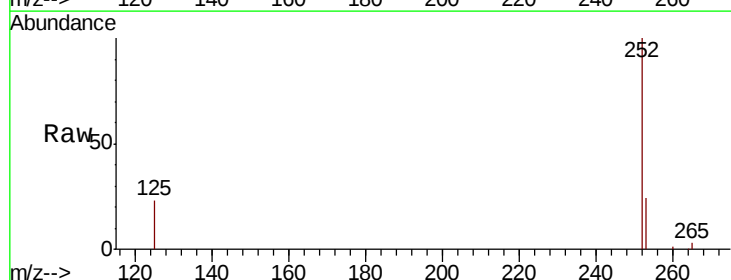
RT: 22.70 min Scan# 5205

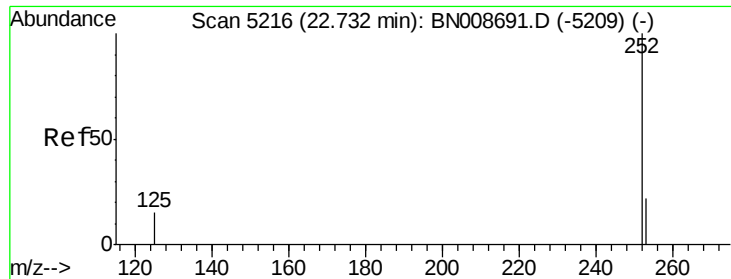
Delta R.T. 0.01 min

Lab File: BN008695.D

Acq: 22 Nov 2019 03:03

Tgt Ion:	252	Resp:	428982
Ion Ratio	Lower	Upper	
252	100		
253	24.0	0.0	50.2
125	22.9	0.0	30.0





#22

Benzo(k)fluoranthene

Concen: 1.970 ng/ul m

RT: 22.74 min Scan# 5218

Delta R.T. 0.01 min

Lab File: BN008695.D

Acq: 22 Nov 2019 03:03

Instrument :

BNA_N

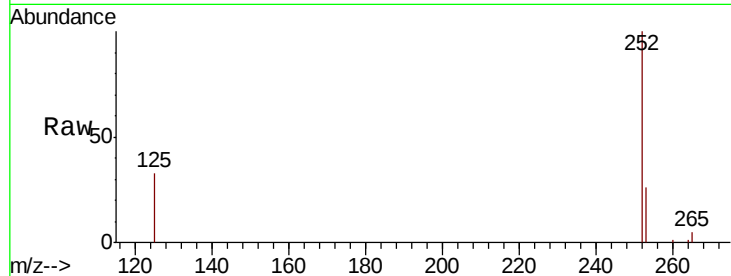
ClientSampleId :

C0AD0

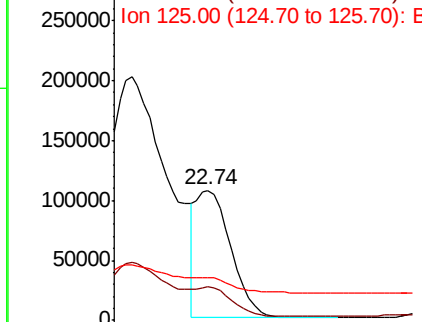
Tot Ion:	252	Resp:	129724
Ion Ratio	Lower	Upper	
252	100		
253	25.6	20.5	30.7
125	32.9	15.0	22.4#

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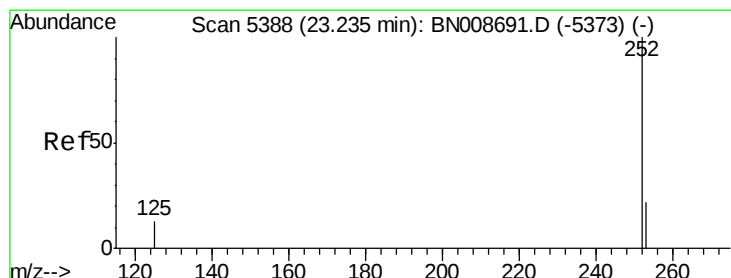
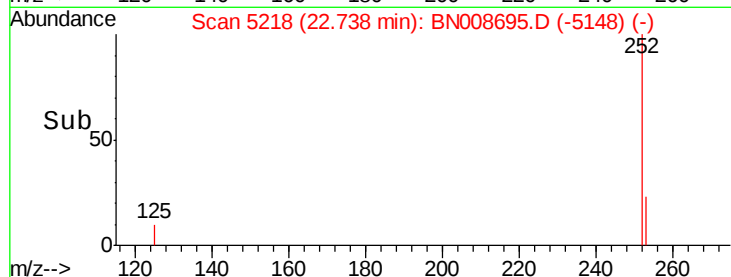
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#23

Benzo(a)pyrene

Concen: 4.462 ng/ul

RT: 23.25 min Scan# 5392

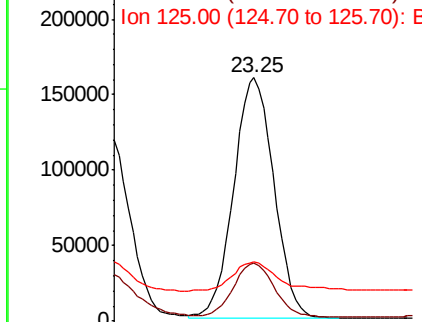
Delta R.T. 0.01 min

Lab File: BN008695.D

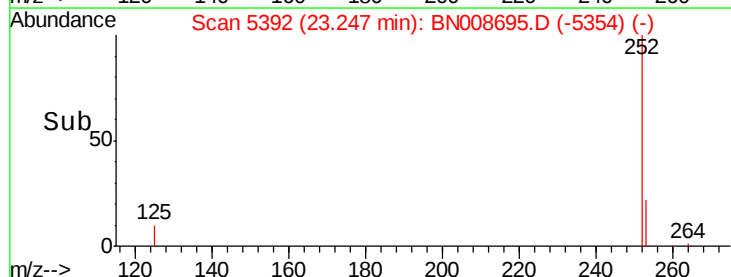
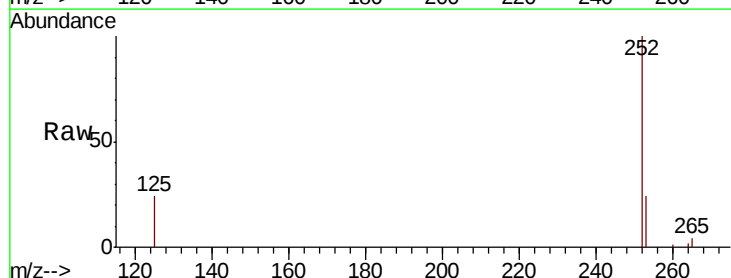
Acq: 22 Nov 2019 03:03

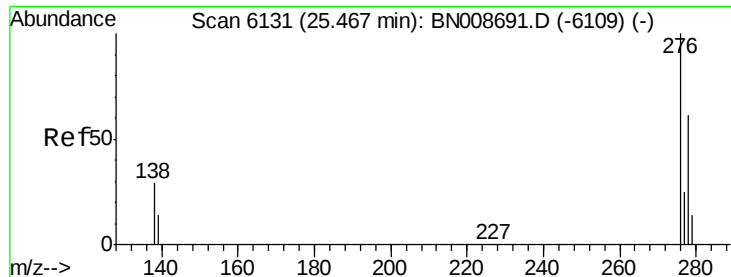
Tgt Ion:	252	Resp:	278036
Ion Ratio	Lower	Upper	
252	100		
253	23.6	21.4	32.2
125	24.4	13.8	20.8#

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



Time-->





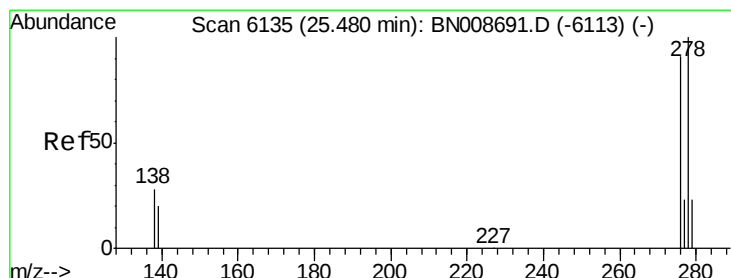
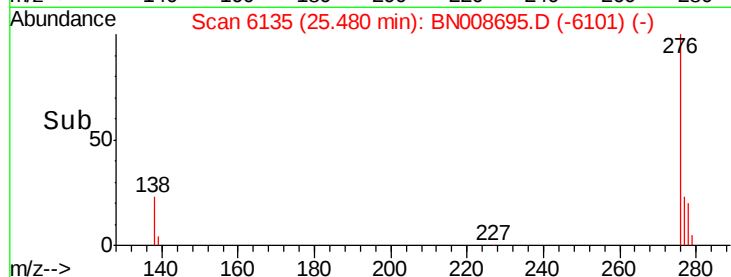
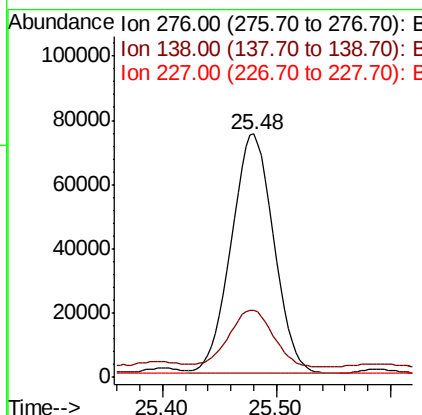
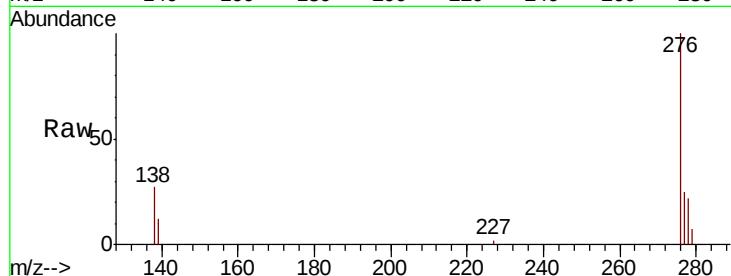
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.637 ng/ul
 RT: 25.48 min Scan# 6135
 Delta R.T. 0.01 min
 Lab File: BN008695.D
 Acq: 22 Nov 2019 03:03

Instrument :
 BNA_N
 ClientSampleId :
 C0AD0

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	21.7	32.5
227	0.2	0.2	0.2

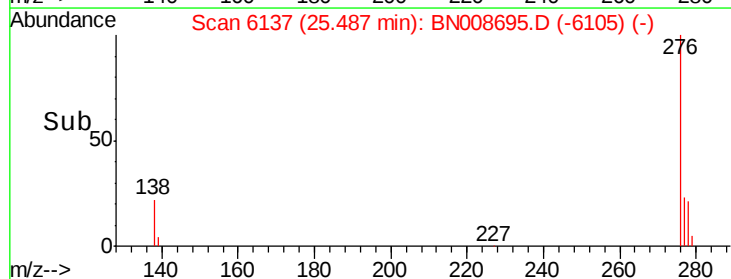
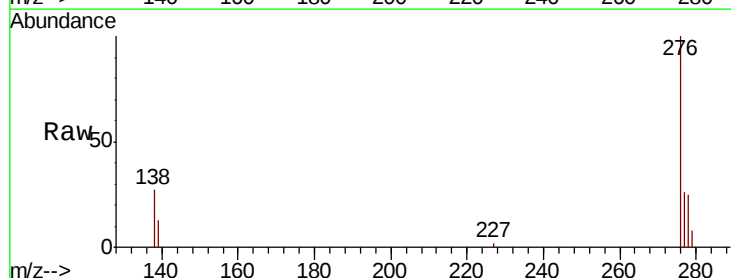
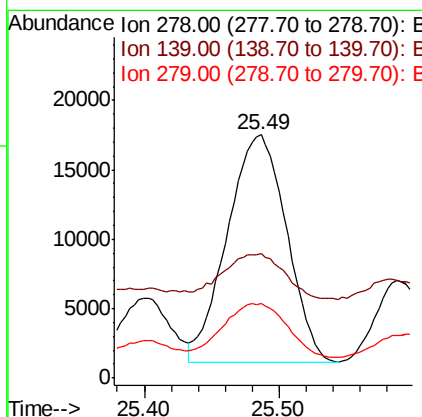
Manual Integrations
 APPROVED

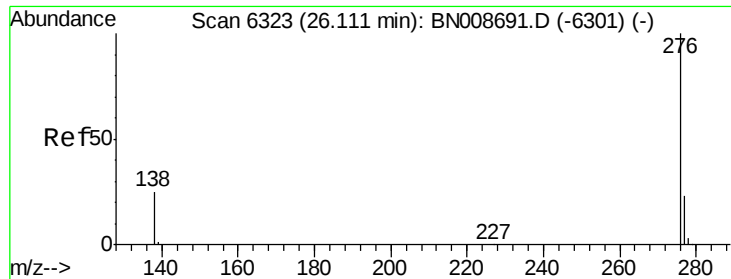
mohammad
 11/22/2019 1:24:09 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.854 ng/ul
 RT: 25.49 min Scan# 6137
 Delta R.T. 0.01 min
 Lab File: BN008695.D
 Acq: 22 Nov 2019 03:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	51.1	18.7	28.1#
279	30.5	20.8	31.2





#26
Benzo(a,h,i)perylene
Concen: 3.180 ng/ul
RT: 26.13 min Scan# 6328
Delta R.T. 0.02 min
Lab File: BN008695.D
Acq: 22 Nov 2019 03:03

Instrument :
BNA_N
ClientSampleId :
C0AD0

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.1	20.0	30.0
277	24.8	20.0	30.0

Manual Integrations
APPROVED

mohammad
11/22/2019 1:24:09 PM

