

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
 Data File : BN008699.D
 Acq On : 22 Nov 2019 05:28
 Operator : JU
 Sample : K5854-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB6

Manual Integrations
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mohammad
 11/22/2019 1:24:12 PM

Quant Time: Nov 22 07:40:17 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	4495	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	16792	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	9747	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	19328	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	15451	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	16112	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	4565	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	10314	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	17324	0.342	ng/ul	100
5) 2-Methylnaphthalene	12.04	142	20684	0.585	ng/ul	100
7) Acenaphthylene	13.95	152	2824	0.052	ng/ul#	88
8) Acenaphthene	14.30	153	6485	0.162	ng/ul	99
9) Fluorene	15.29	166	9908	0.211	ng/ul#	97
12) Phenanthrene	17.02	178	145951	2.239	ng/ul	98
13) Anthracene	17.11	178	31250	0.507	ng/ul	99
15) Fluoranthene	19.04	202	265626	3.317	ng/ul	94
17) Pyrene	19.40	202	225943	3.645	ng/ul	96
18) Benzo(a)anthracene	21.16	228	122170	1.966	ng/ul	98
19) Chrysene	21.21	228	140928	2.309	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	174577m	2.628	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	54249m	0.823	ng/ul	
23) Benzo(a)pyrene	23.25	252	117612	1.886	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.47	276	88517	1.214	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.48	278	20571	0.349	ng/ul#	76
26) Benzo(a,h,i)perylene	26.12	276	92772	1.521	ng/ul	98

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

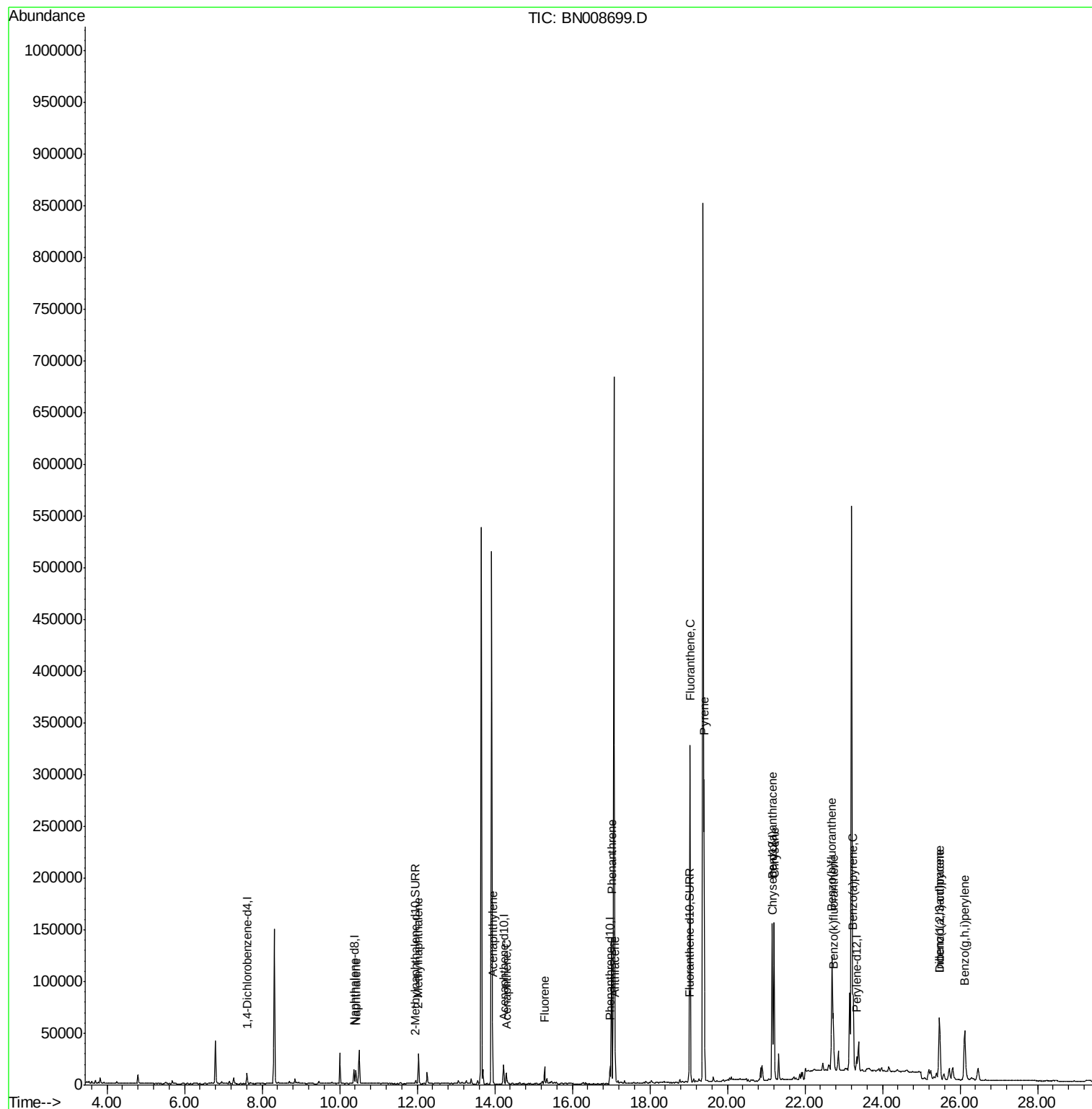
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008699.D
Acq On : 22 Nov 2019 05:28
Operator : JU
Sample : K5854-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

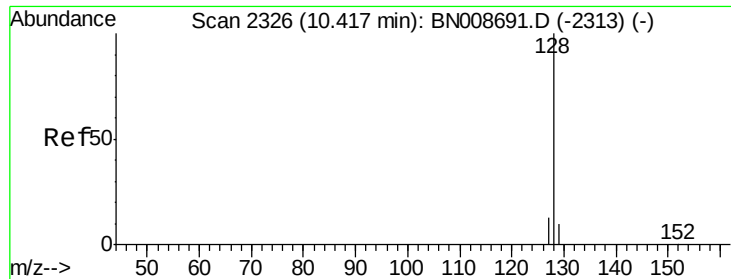
Instrument :
BNA_N
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C0AB6

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Quant Time: Nov 22 07:40:17 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: 0.342 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BN008699.D

Acq: 22 Nov 2019 05:28

Instrument :

BNA_N

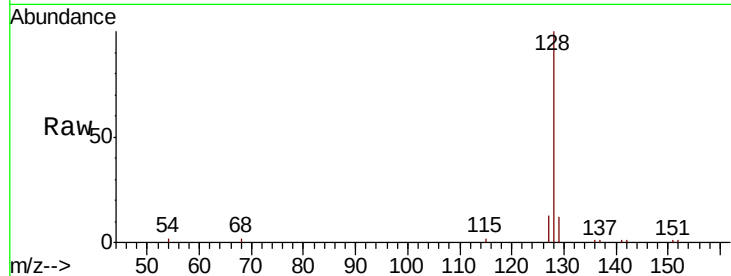
ClientSampleId :

C0AB6

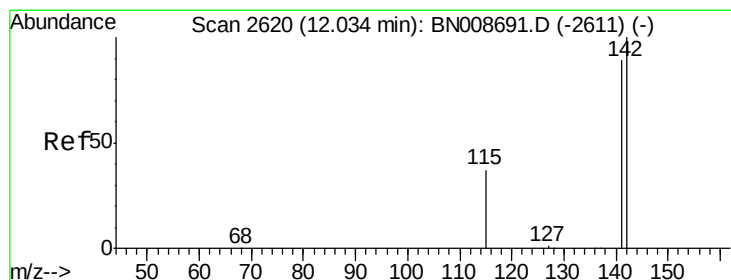
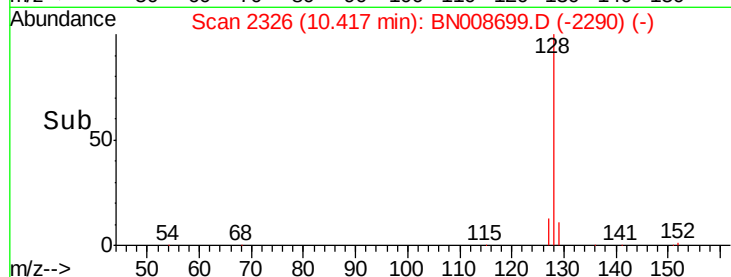
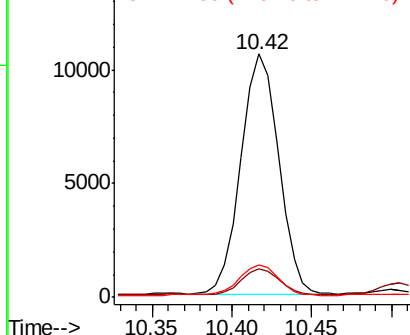
Tot Ion:	128	Resp:	17324
Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.7	14.5
127	13.4	10.8	16.2

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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: 0.585 ng/ul

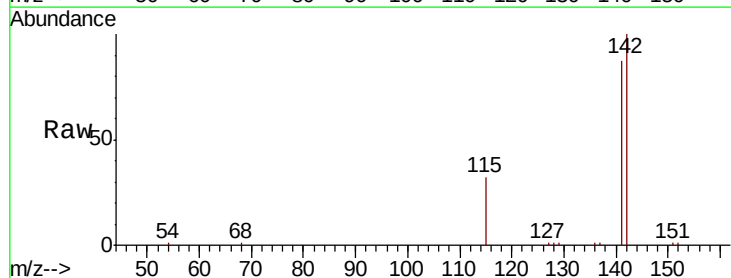
RT: 12.04 min Scan# 2621

Delta R.T. 0.01 min

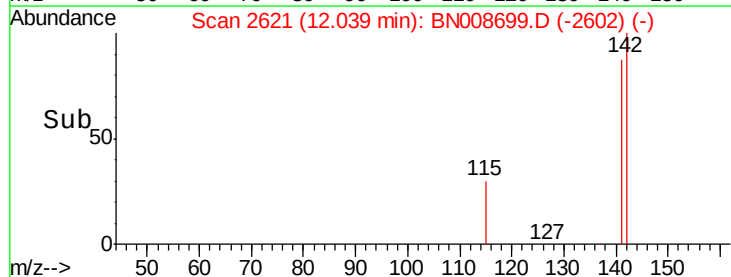
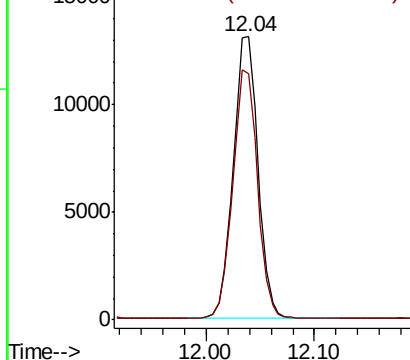
Lab File: BN008699.D

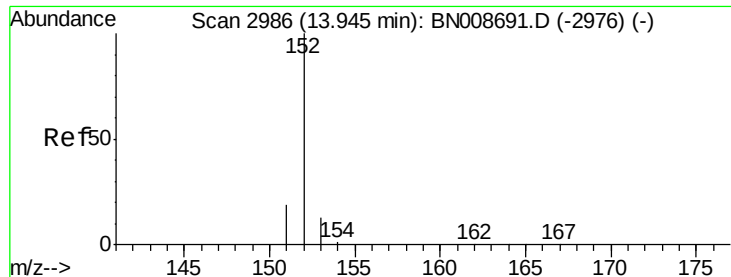
Acq: 22 Nov 2019 05:28

Tgt Ion:	142	Resp:	20684
Ion	Ratio	Lower	Upper
142	100		
141	87.8	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: 0.052 ng/ul

RT: 13.95 min Scan# 2987

Delta R.T. 0.00 min

Lab File: BN008699.D

Acq: 22 Nov 2019 05:28

Instrument :

BNA_N

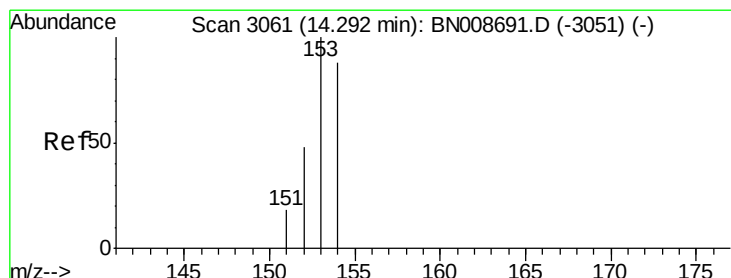
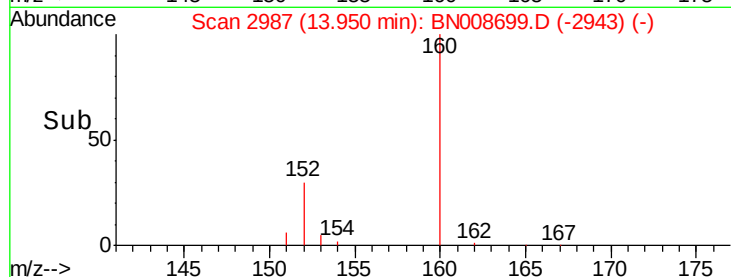
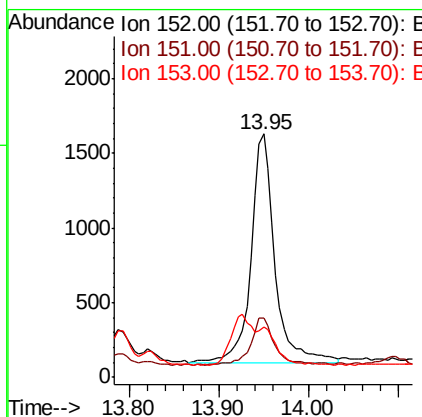
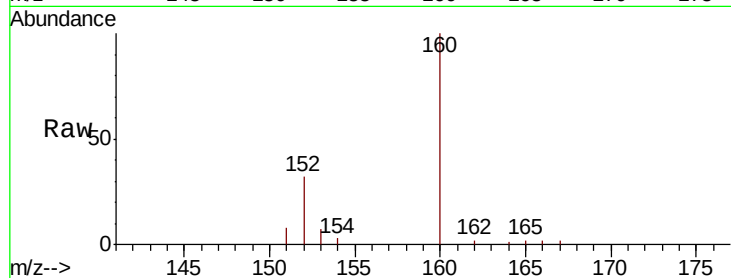
ClientSampleId :

C0AB6

Tot Ion:	152	Resp:	2824
Ion Ratio	Lower	Upper	
152	100		
151	24.4	16.6	24.8
153	20.9	11.1	16.7#

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#8

Acenaphthene

Concen: 0.162 ng/ul

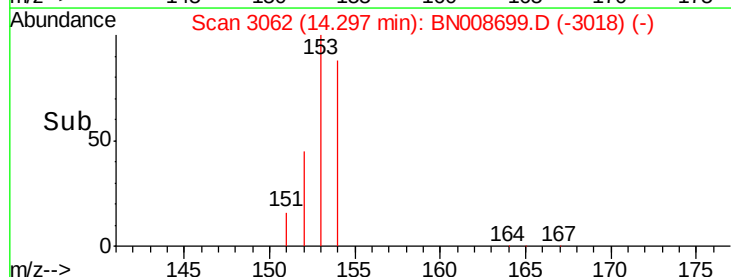
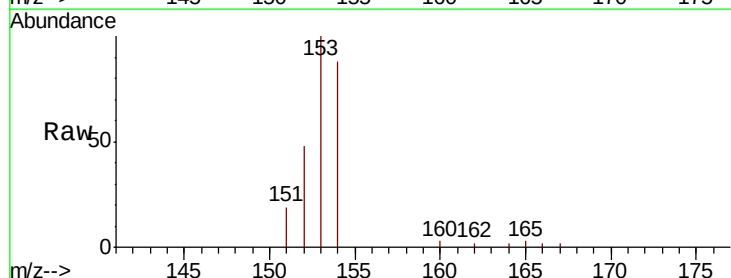
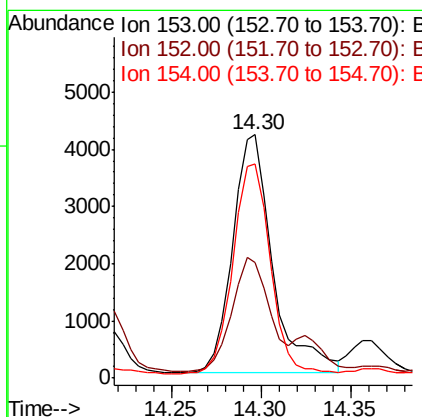
RT: 14.30 min Scan# 3062

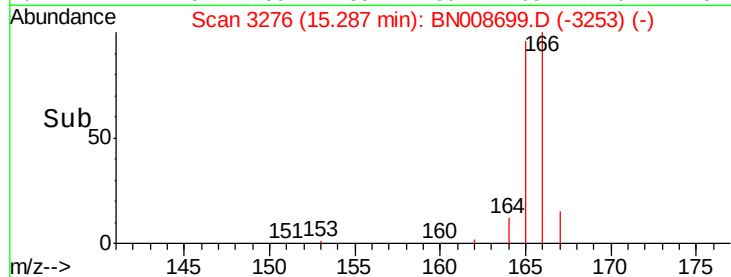
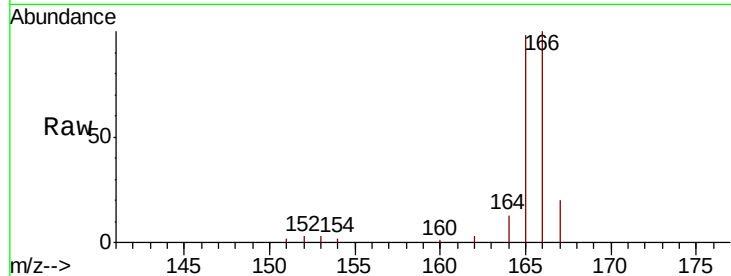
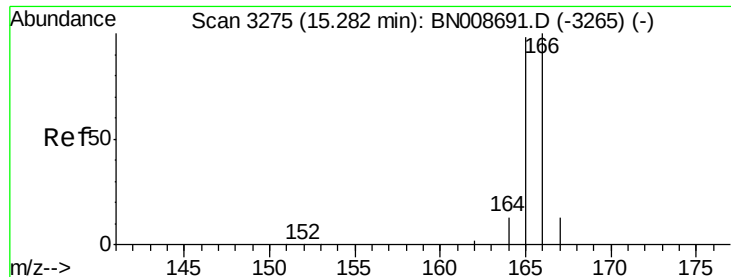
Delta R.T. 0.00 min

Lab File: BN008699.D

Acq: 22 Nov 2019 05:28

Tgt Ion:	153	Resp:	6485
Ion Ratio	Lower	Upper	
153	100		
152	47.6	39.6	59.4
154	88.1	70.6	106.0





#9

Fluorene

Concen: 0.211 ng/ul

RT: 15.29 min Scan# 3276

Delta R.T. 0.00 min

Lab File: BN008699.D

Acq: 22 Nov 2019 05:28

Tot Ion:	166	Resp:	9908
Ion Ratio	Lower	Upper	
166	100		
165	98.0	77.4	116.0
167	20.2	11.4	17.0#

Instrument :

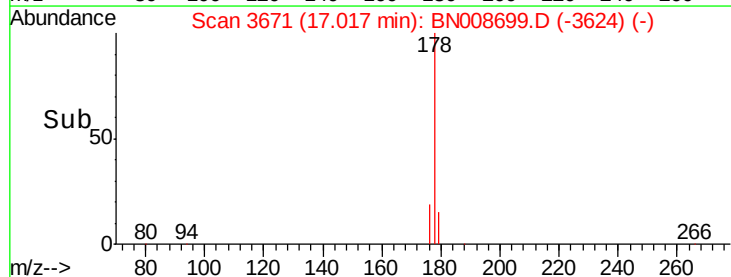
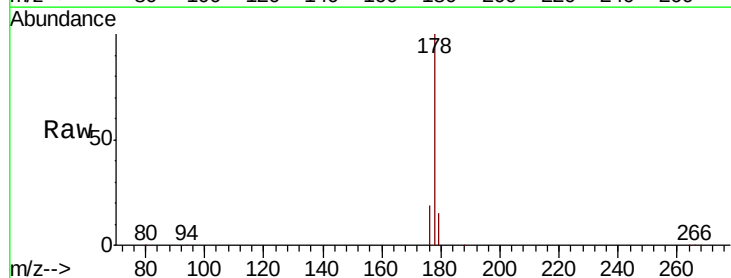
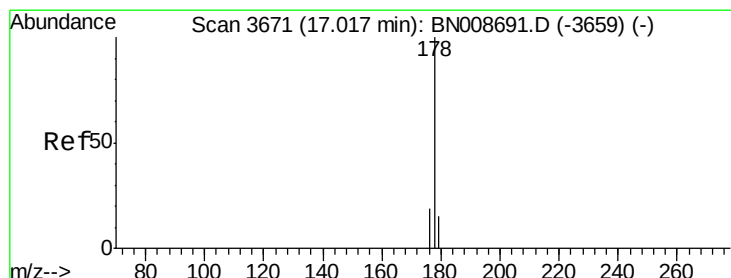
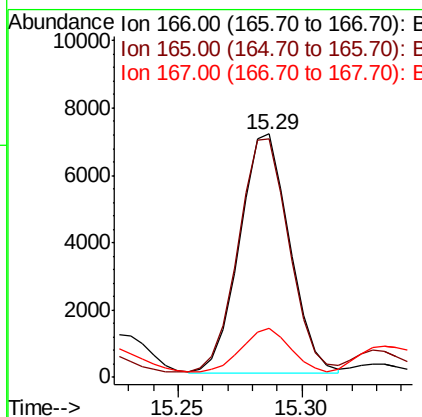
BNA_N

ClientSampleId :

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#12

Phenanthrene

Concen: 2.239 ng/ul

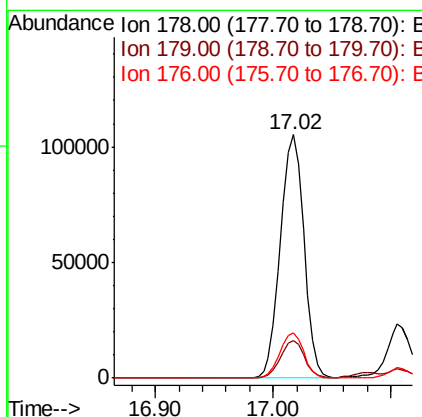
RT: 17.02 min Scan# 3671

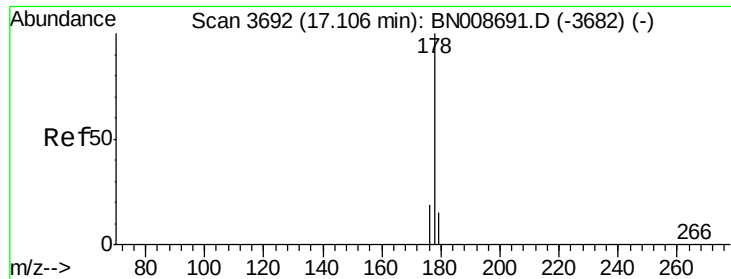
Delta R.T. -0.00 min

Lab File: BN008699.D

Acq: 22 Nov 2019 05:28

Tgt Ion:	178	Resp:	145951
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.8	19.2
176	18.6	16.0	24.0





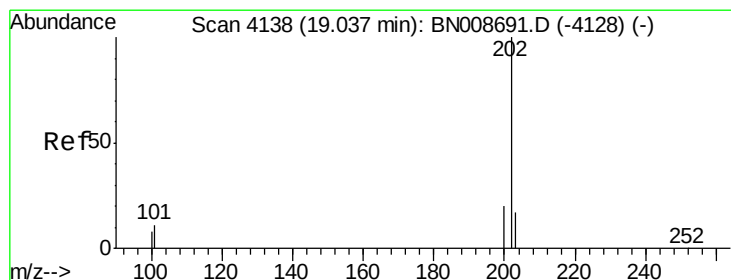
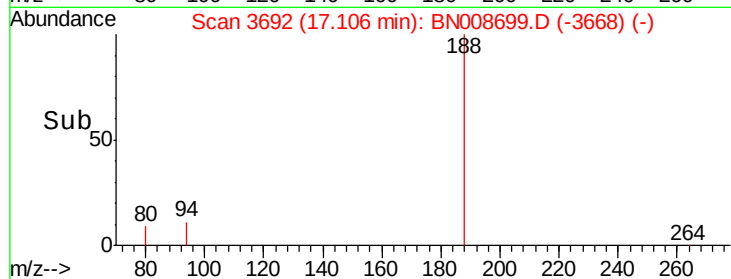
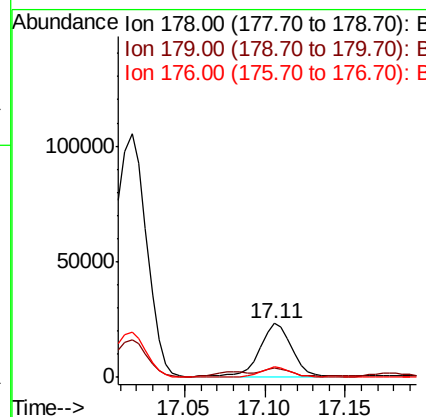
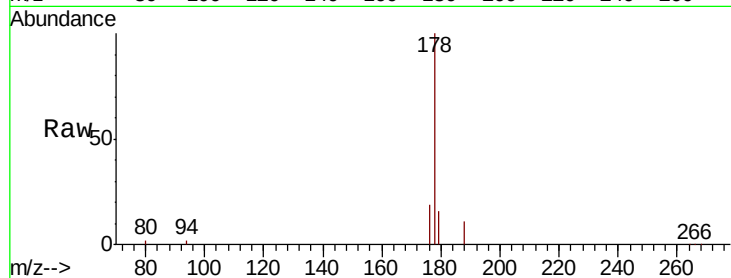
#13
 Anthracene
 Concen: 0.507 ng/ul
 RT: 17.11 min Scan# 3692
 Delta R.T. -0.00 min
 Lab File: BN008699.D
 Acq: 22 Nov 2019 05:28

Instrument :
 BNA_N
 ClientSampleId :
 C0AB6

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.4
176	18.6	15.3	22.9

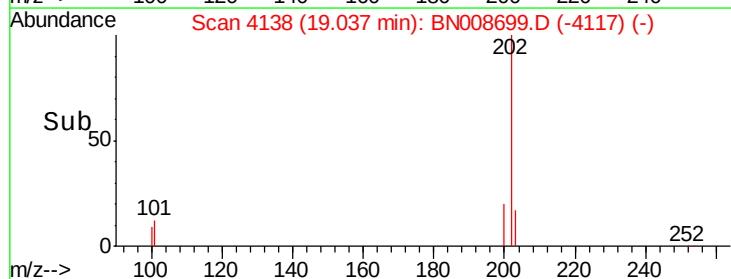
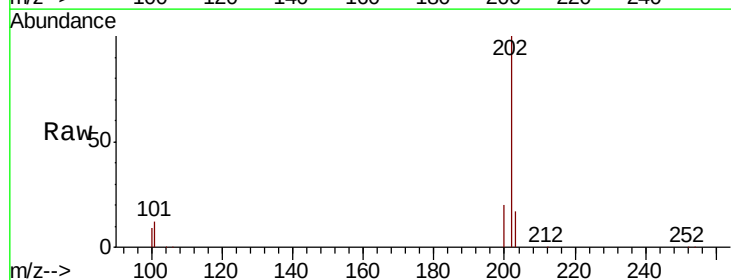
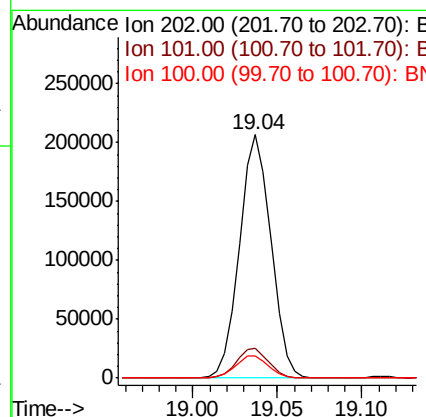
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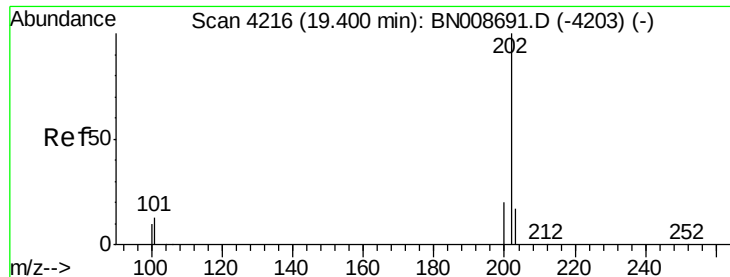
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#15
 Fluoranthene
 Concen: 3.317 ng/ul
 RT: 19.04 min Scan# 4138
 Delta R.T. -0.00 min
 Lab File: BN008699.D
 Acq: 22 Nov 2019 05:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	29.6
100	8.9	0.0	27.0





#17

Pvrene

Concen: 3.645 ng/ul

RT: 19.40 min Scan# 4216

Delta R.T. -0.00 min

Lab File: BN008699.D

Acq: 22 Nov 2019 05:28

Instrument :

BNA_N

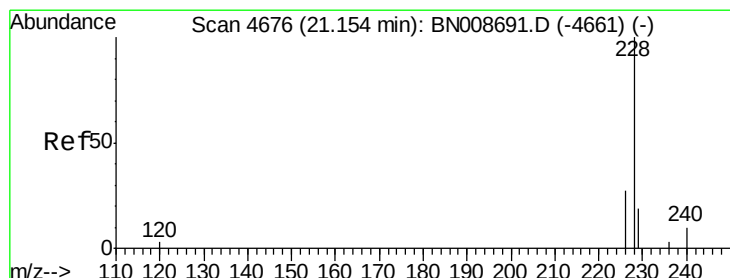
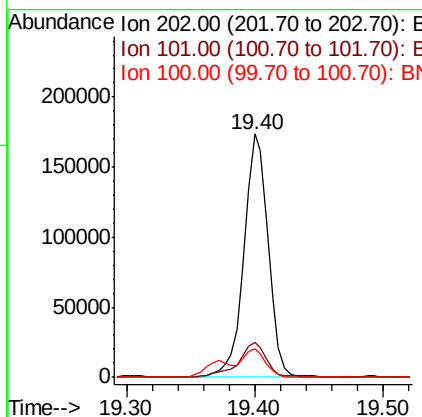
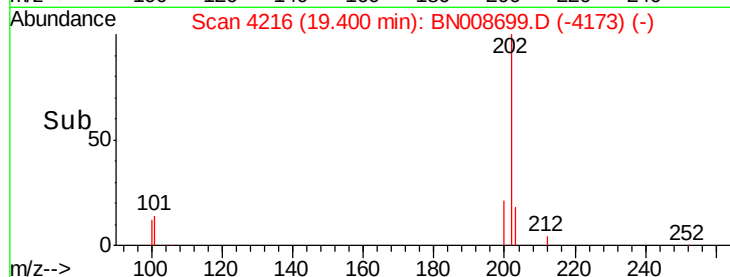
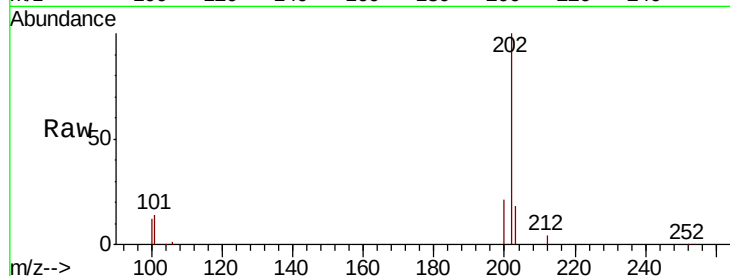
ClientSampleId :

C0AB6

Tot Ion:	202	Resp:	225943
Ion Ratio	Lower	Upper	
202	100		
101	14.4	10.2	15.2
100	11.8	8.2	12.2

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#18

Benzo(a)anthracene

Concen: 1.966 ng/ul

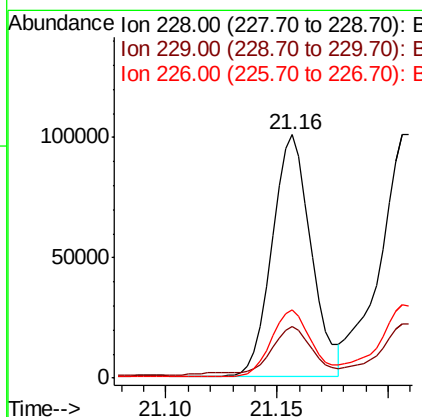
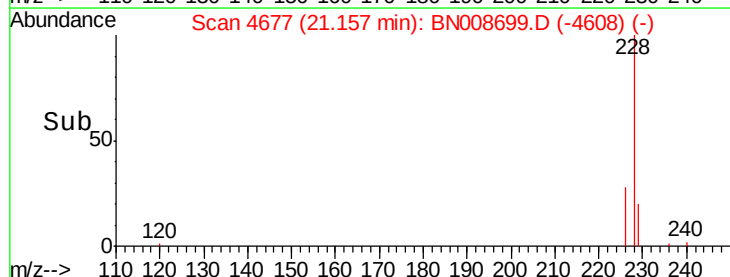
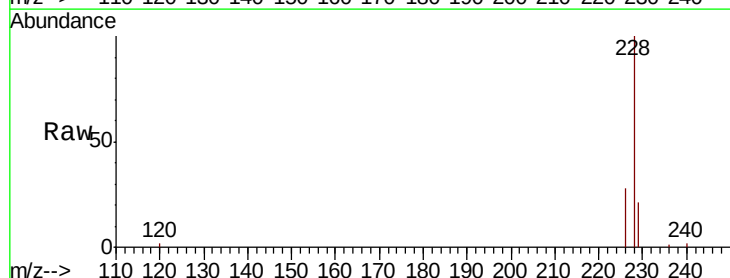
RT: 21.16 min Scan# 4677

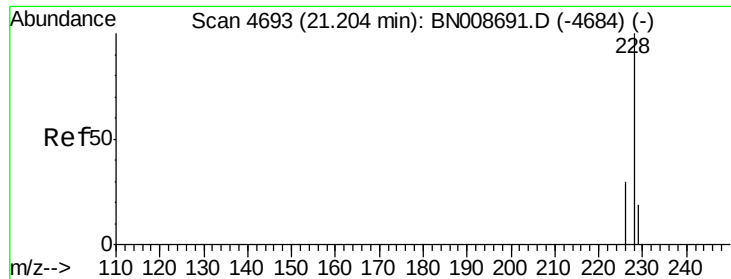
Delta R.T. 0.00 min

Lab File: BN008699.D

Acq: 22 Nov 2019 05:28

Tgt Ion:	228	Resp:	122170
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.8	23.6
226	28.0	21.6	32.4





#19

Chrysene

Concen: 2.309 ng/ul

RT: 21.21 min Scan# 4695

Delta R.T. 0.01 min

Lab File: BN008699.D

Acq: 22 Nov 2019 05:28

Instrument :

BNA_N

ClientSampleId :

C0AB6

Tot Ion:228 Resp: 140928

Ion Ratio Lower Upper

228 100

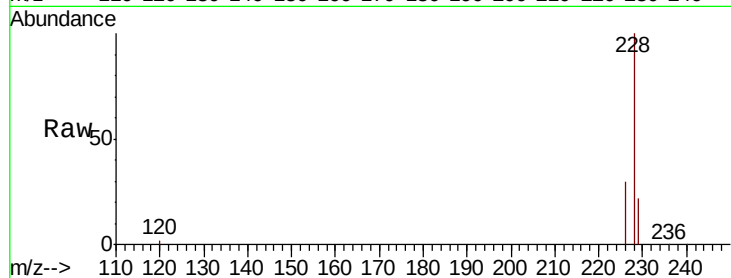
226 29.8 24.5 36.7

229 22.3 15.5 23.3

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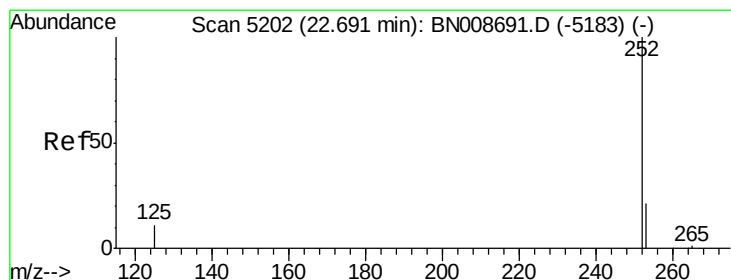
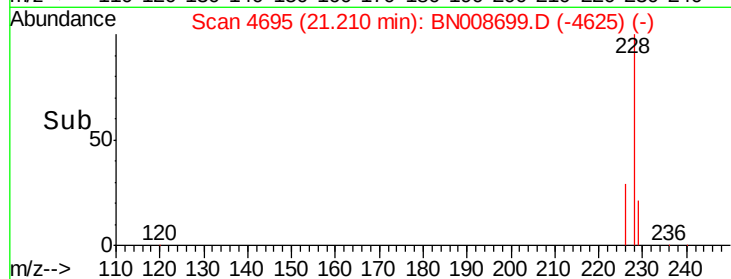
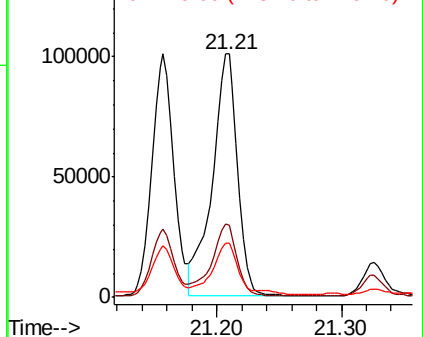
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 2.628 ng/ul m

RT: 22.70 min Scan# 5204

Delta R.T. 0.01 min

Lab File: BN008699.D

Acq: 22 Nov 2019 05:28

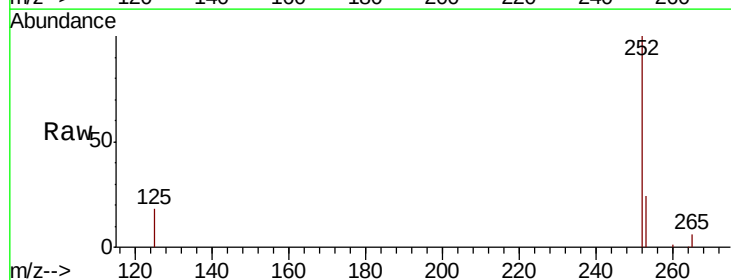
Tgt Ion:252 Resp: 174577

Ion Ratio Lower Upper

252 100

253 23.9 0.0 50.2

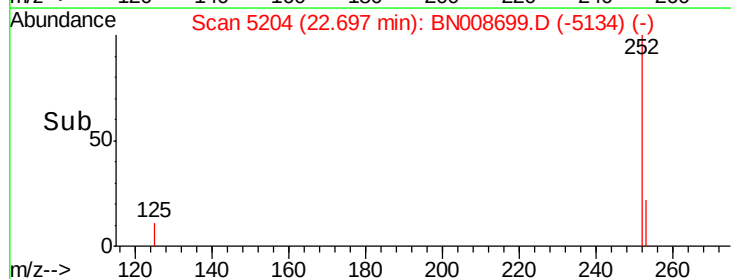
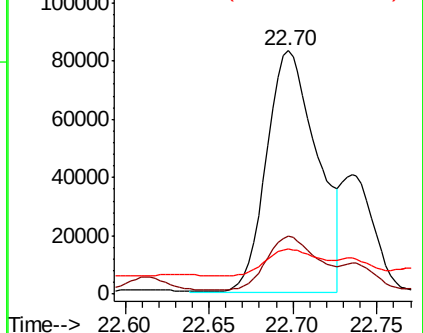
125 18.5 0.0 30.0

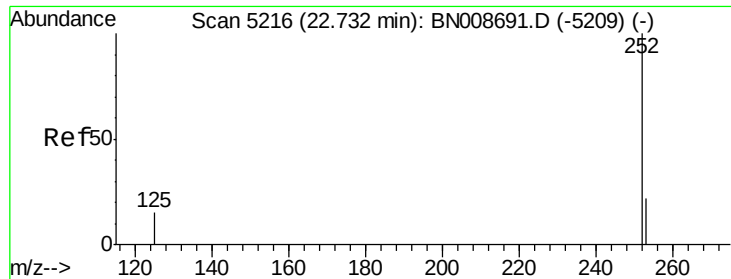


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.823 ng/ul m

RT: 22.73 min Scan# 5217

Delta R.T. 0.00 min

Lab File: BN008699.D

Acq: 22 Nov 2019 05:28

Instrument :

BNA_N

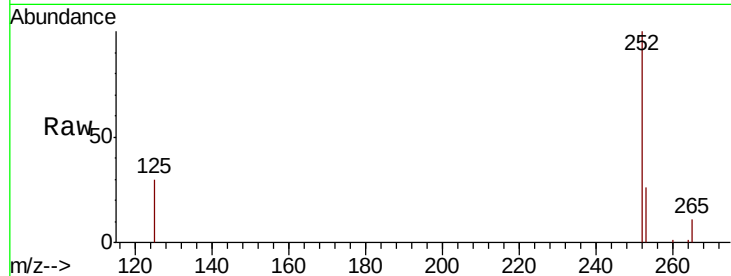
ClientSampleId :

C0AB6

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	20.5	30.7
125	30.0	15.0	22.4#

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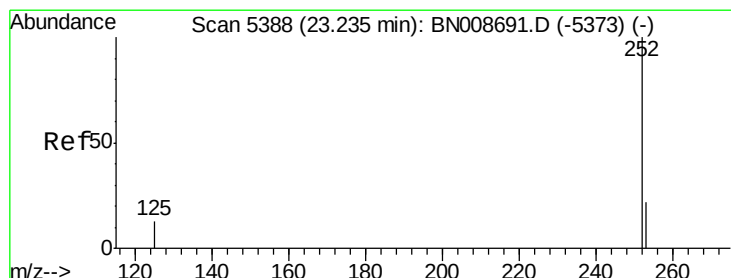
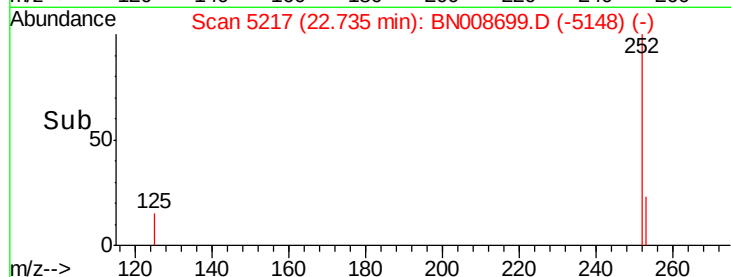
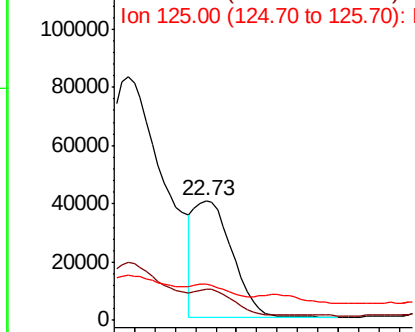


Abundance

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: 1.886 ng/ul

RT: 23.25 min Scan# 5392

Delta R.T. 0.01 min

Lab File: BN008699.D

Acq: 22 Nov 2019 05:28

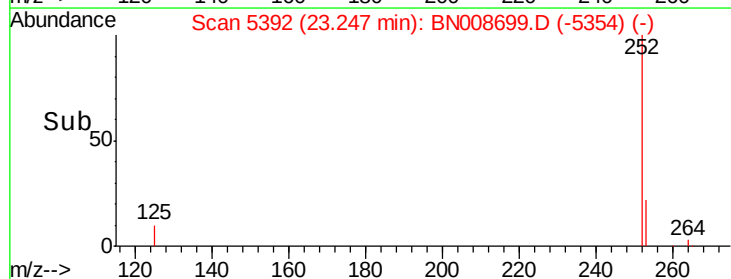
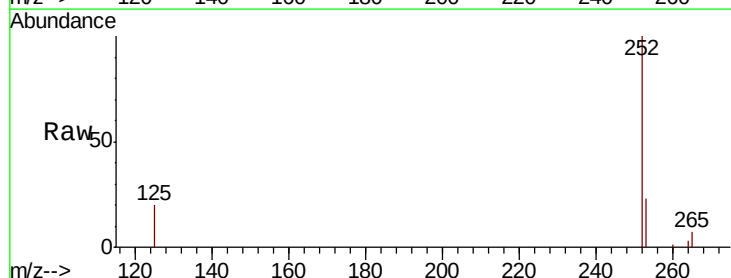
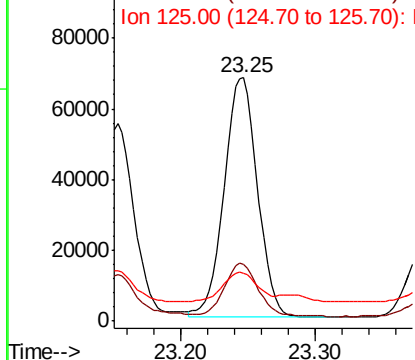
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	21.4	32.2
125	19.8	13.8	20.8

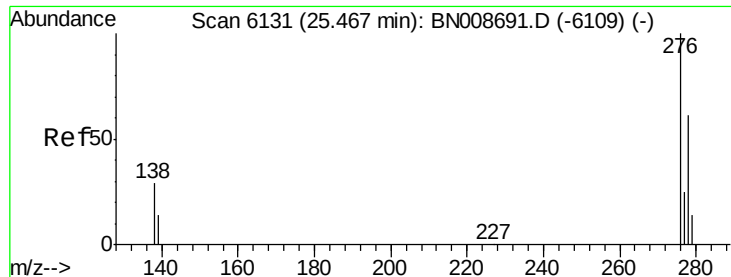
Abundance

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





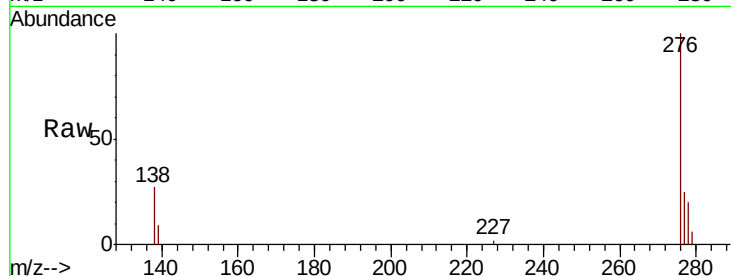
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.214 ng/ul
RT: 25.47 min Scan# 6133
Delta R.T. 0.01 min
Lab File: BN008699.D
Acq: 22 Nov 2019 05:28

Instrument :
BNA_N
ClientSampleId :
C0AB6

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	21.7	32.5
227	0.5	0.2	0.2

Manual Integrations
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mohammad
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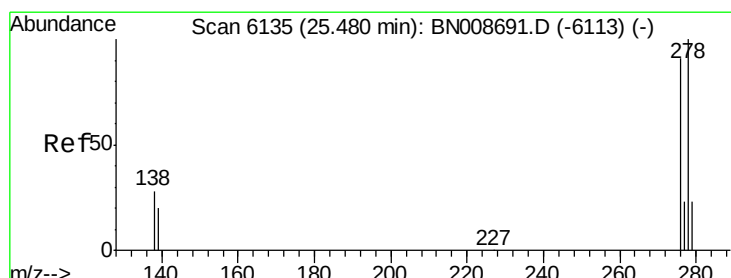
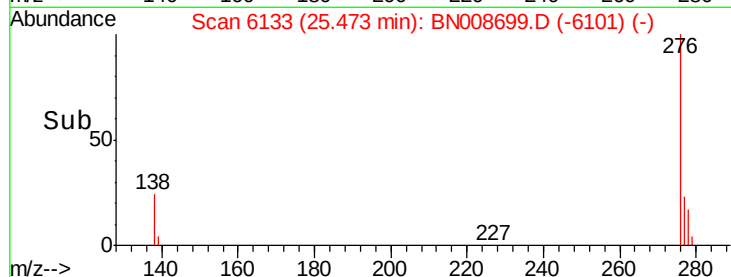
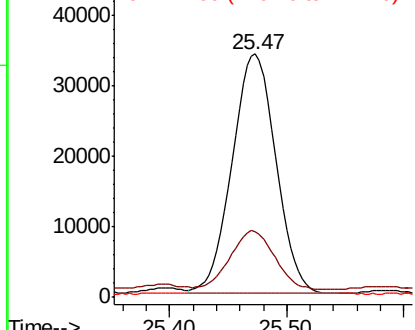


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
Dibenzo(a,h)anthracene
Concen: 0.349 ng/ul
RT: 25.48 min Scan# 6135
Delta R.T. -0.00 min
Lab File: BN008699.D
Acq: 22 Nov 2019 05:28

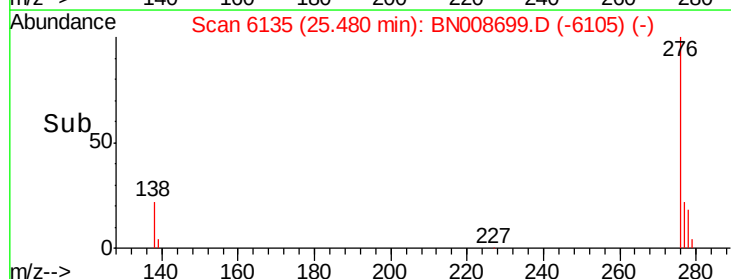
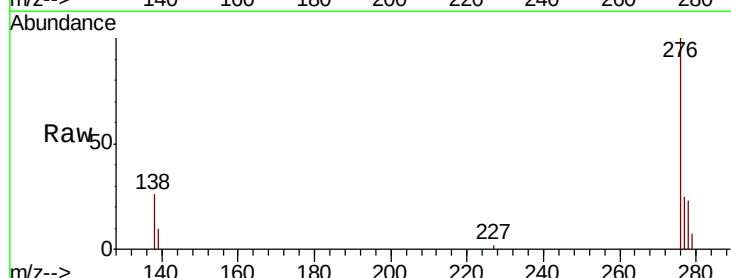
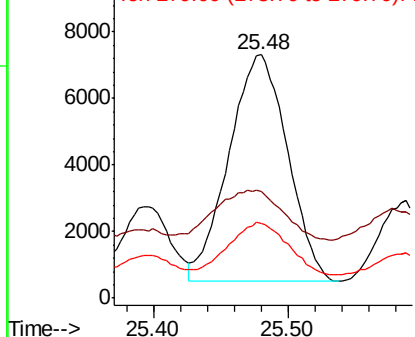
Tgt Ion	Ratio	Lower	Upper
278	100		
139	43.7	18.7	28.1
279	30.6	20.8	31.2

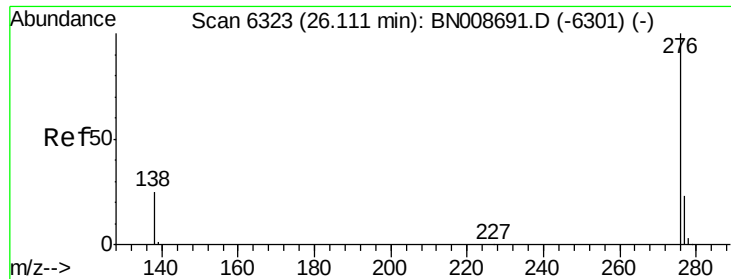
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26
Benzo(a,h,i)perylene
Concen: 1.521 ng/ul
RT: 26.12 min Scan# 6326
Delta R.T. 0.01 min
Lab File: BN008699.D
Acq: 22 Nov 2019 05:28

Instrument :
BNA_N
ClientSampleId :
C0AB6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100		92772		
138	27.4	20.0		30.0	
277	24.9	20.0		30.0	

Manual Integrations
APPROVED

mohammad
11/22/2019 1:24:12 PM

