

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
 Data File : BN008711.D
 Acq On : 22 Nov 2019 13:18
 Operator : JU
 Sample : K5854-13DL 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD1DL

Manual Integrations
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Quant Time: Nov 22 14:18:20 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	4204	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15344	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	8551	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	17156	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	14353	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	14865	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	488	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1211	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.41	128	5598	0.121	ng/ul	97
5) 2-Methylnaphthalene	12.03	142	4321	0.134	ng/ul	99
8) Acenaphthene	14.29	153	2616	0.075	ng/ul	98
9) Fluorene	15.28	166	3020	0.073	ng/ul#	93
12) Phenanthrene	17.01	178	40007	0.691	ng/ul	98
13) Anthracene	17.11	178	9830	0.180	ng/ul	99
15) Fluoranthene	19.03	202	62453	0.879	ng/ul	91
17) Pyrene	19.40	202	58421	1.015	ng/ul	97
18) Benzo(a)anthracene	21.15	228	29556	0.512	ng/ul	97
19) Chrysene	21.21	228	28484m	0.502	ng/ul	
21) Benzo(b)fluoranthene	22.69	252	36185m	0.590	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	13503m	0.222	ng/ul	
23) Benzo(a)pyrene	23.24	252	24815	0.431	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.47	276	16171	0.240	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.48	278	4278	0.079	ng/ul#	48
26) Benzo(a,h,i)perylene	26.12	276	15947	0.283	ng/ul#	92

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

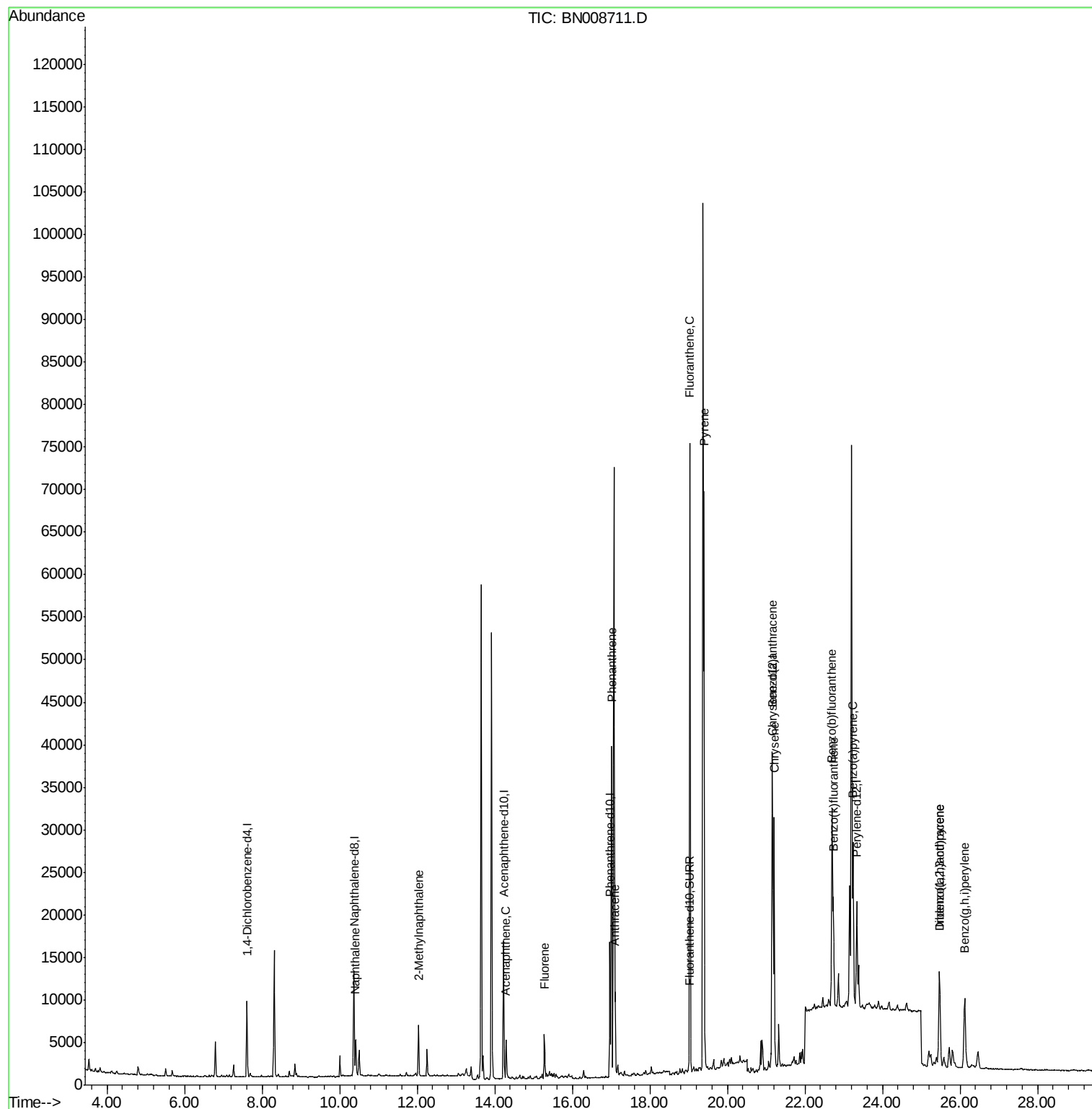
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008711.D
Acq On : 22 Nov 2019 13:18
Operator : JU
Sample : K5854-13DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

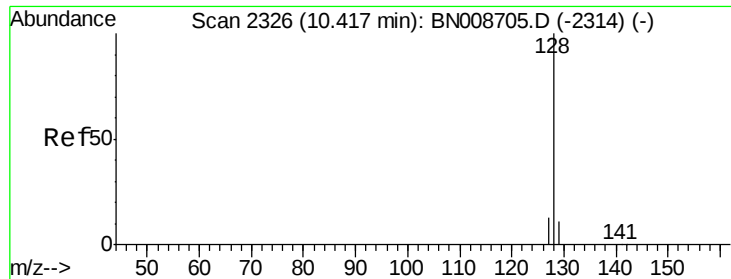
Instrument :
BNA_N
ClientSampleId :
C0AD1DL

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Quant Time: Nov 22 14:18:20 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: 0.121 ng/ul

RT: 10.41 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BN008711.D

Acq: 22 Nov 2019 13:18

Instrument :

BNA_N

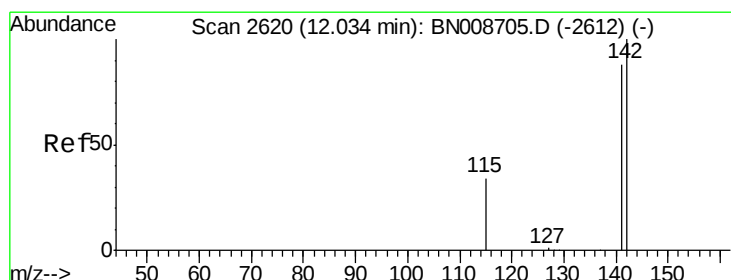
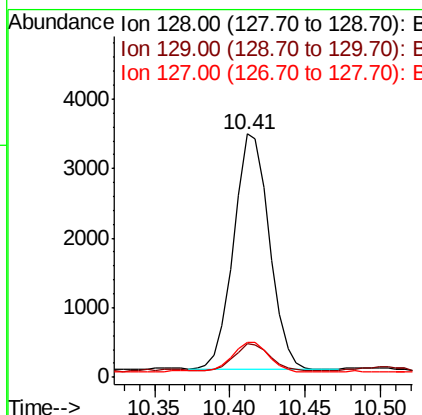
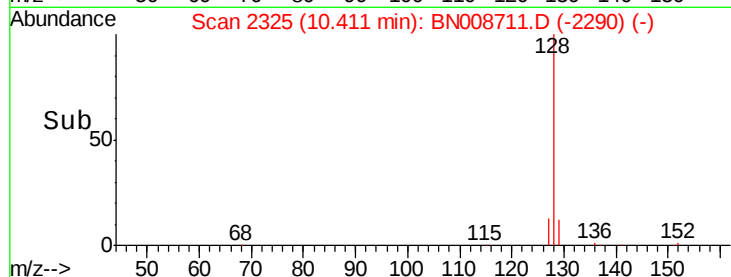
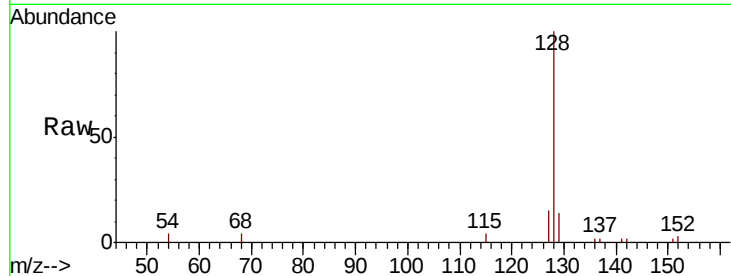
ClientSampleId :

C0AD1DL

Tot Ion:	128	Resp:	5598
Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.7	14.5
127	14.6	10.8	16.2

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#5

2-Methylnaphthalene

Concen: 0.134 ng/ul

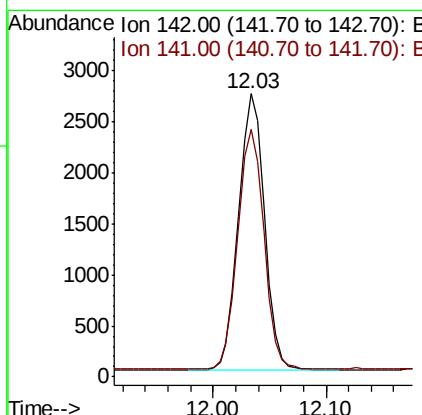
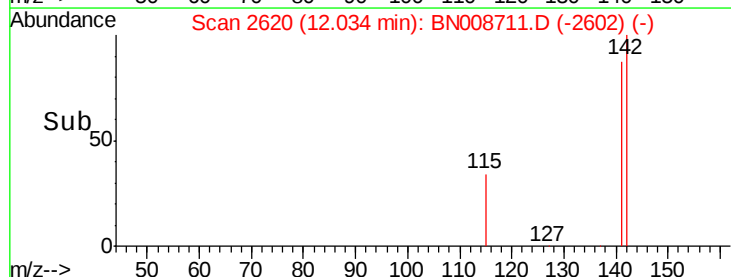
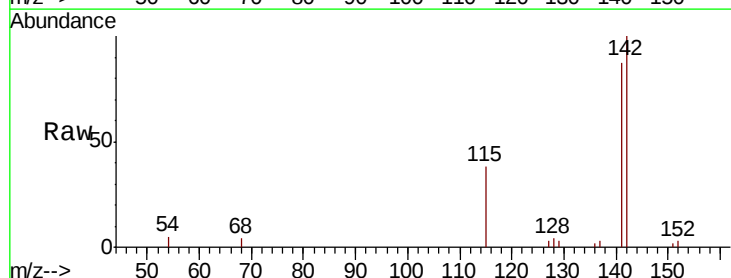
RT: 12.03 min Scan# 2620

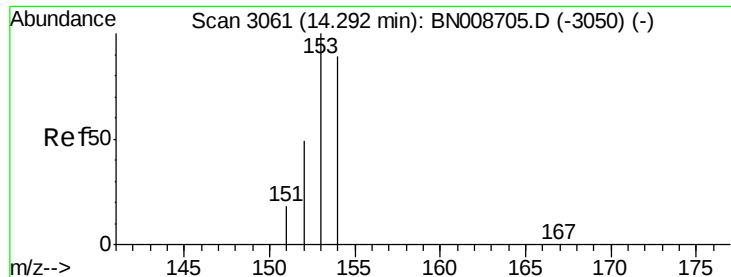
Delta R.T. -0.00 min

Lab File: BN008711.D

Acq: 22 Nov 2019 13:18

Tgt Ion:	142	Resp:	4321
Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.5	105.7





#8

Acenaphthene

Concen: 0.075 ng/ul

RT: 14.29 min Scan# 3061

Delta R.T. -0.00 min

Lab File: BN008711.D

Acq: 22 Nov 2019 13:18

Instrument :

BNA_N

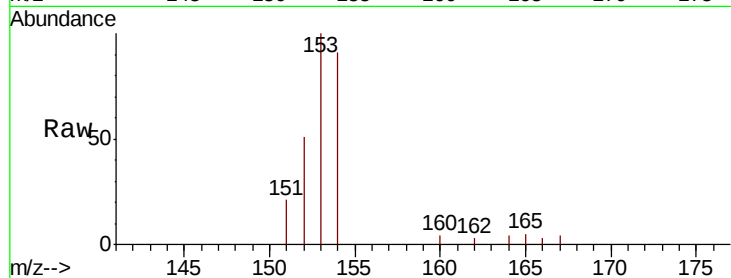
ClientSampled :

C0AD1DL

Tot Ion:	153	Resp:	2616
Ion	Ratio	Lower	Upper
153	100		
152	50.5	39.6	59.4
154	90.7	70.6	106.0

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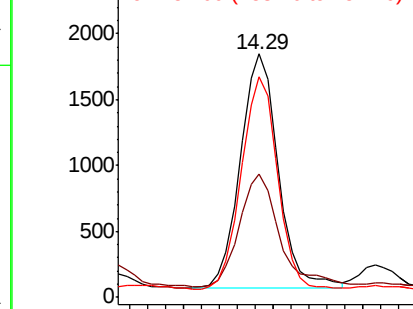


Abundance

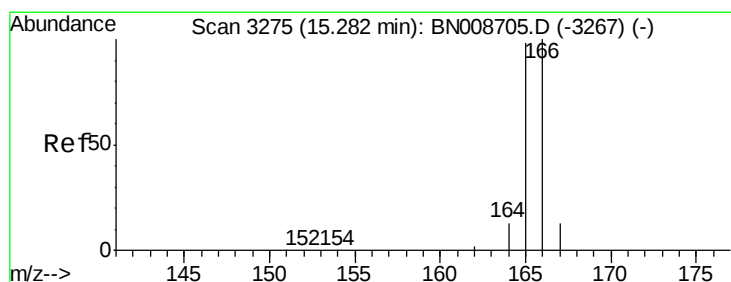
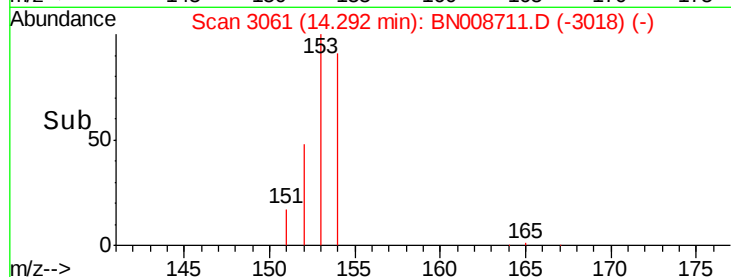
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.073 ng/ul

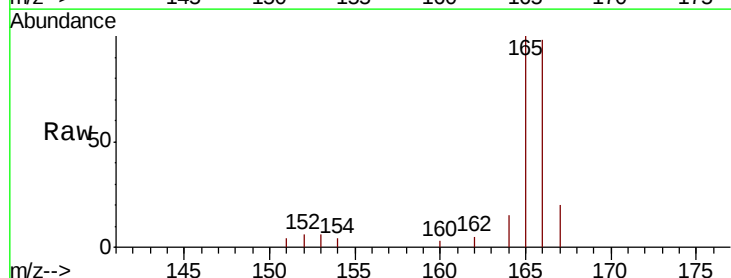
RT: 15.28 min Scan# 3275

Delta R.T. -0.00 min

Lab File: BN008711.D

Acq: 22 Nov 2019 13:18

Tgt Ion:	166	Resp:	3020
Ion	Ratio	Lower	Upper
166	100		
165	101.9	77.4	116.0
167	20.7	11.4	17.0

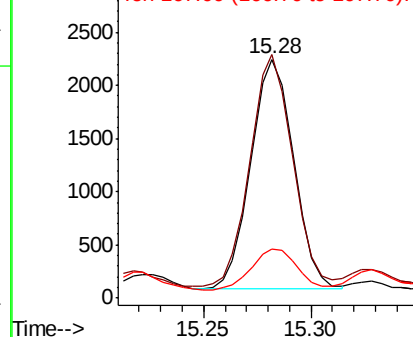


Abundance

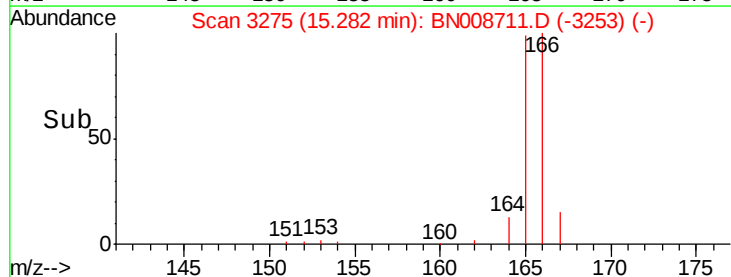
Ion 166.00 (165.70 to 166.70): E

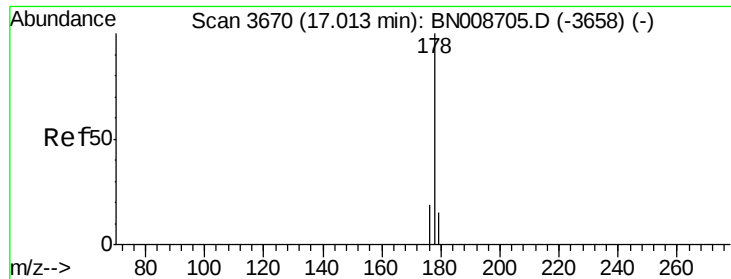
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





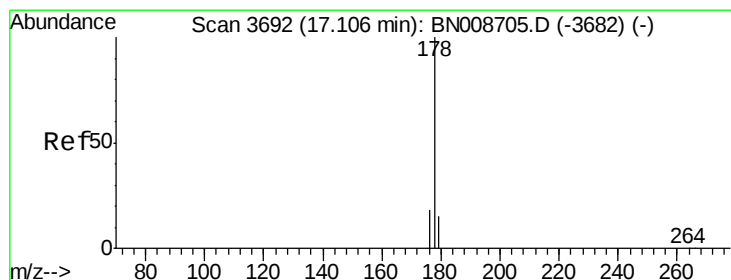
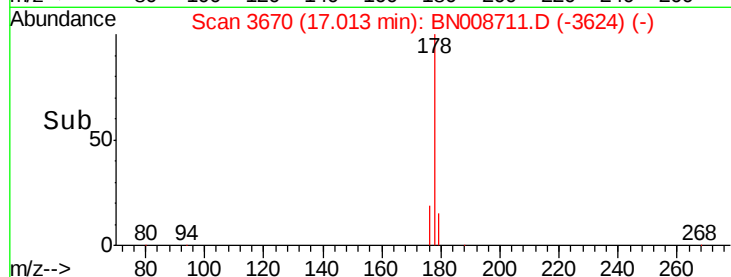
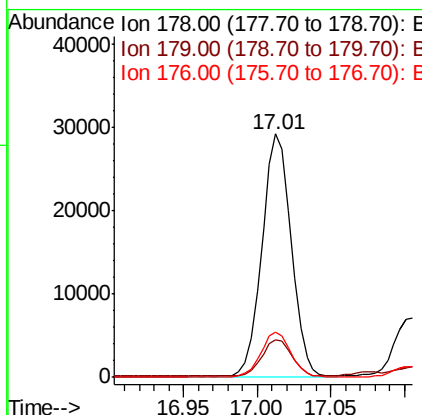
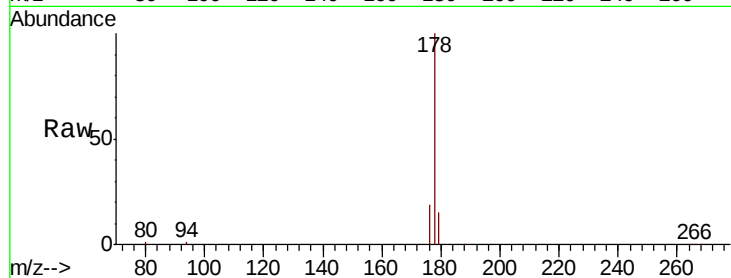
#12
Phenanthrene
Concen: 0.691 ng/ul
RT: 17.01 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BN008711.D
Acq: 22 Nov 2019 13:18

Instrument :
BNA_N
ClientSampleId :
C0AD1DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.8	16.0	24.0

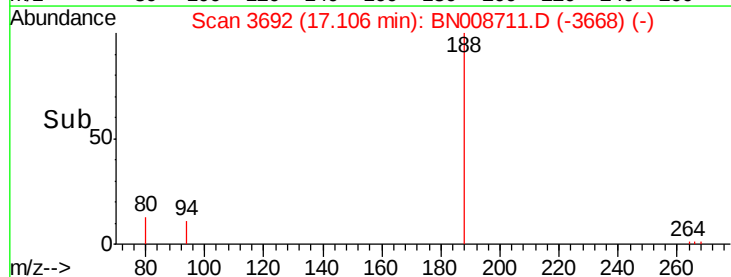
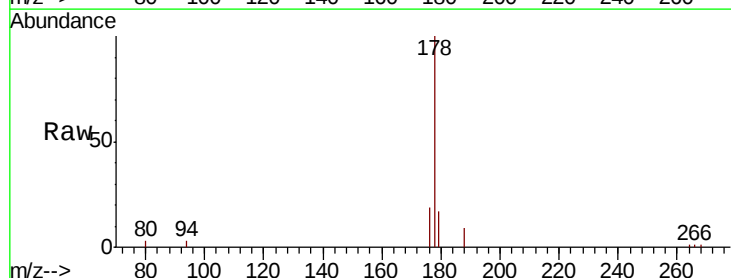
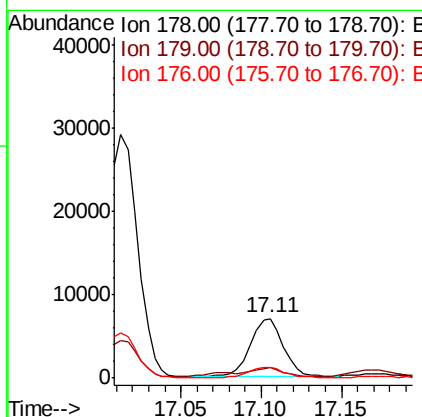
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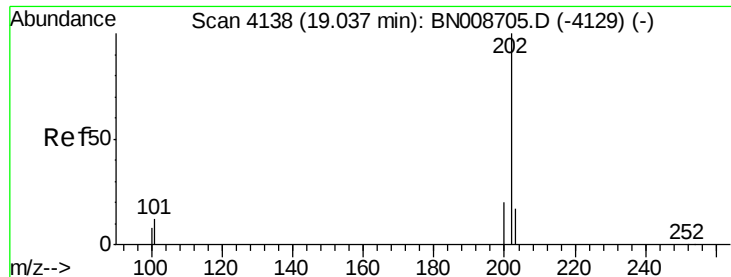
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#13
Anthracene
Concen: 0.180 ng/ul
RT: 17.11 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BN008711.D
Acq: 22 Nov 2019 13:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.0	19.4
176	18.8	15.3	22.9





#15

Fluoranthene

Concen: 0.879 ng/ul

RT: 19.03 min Scan# 4137

Delta R.T. -0.00 min

Lab File: BN008711.D

Acq: 22 Nov 2019 13:18

Instrument :

BNA_N

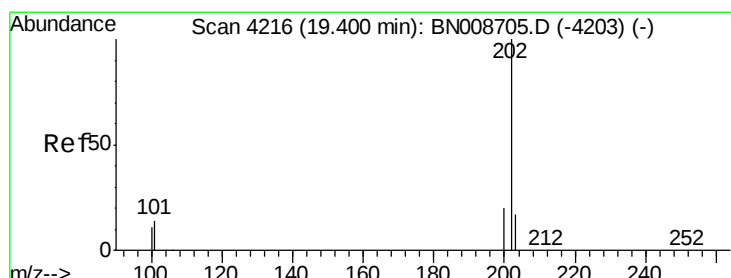
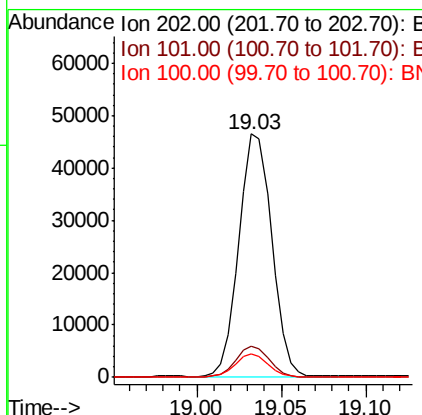
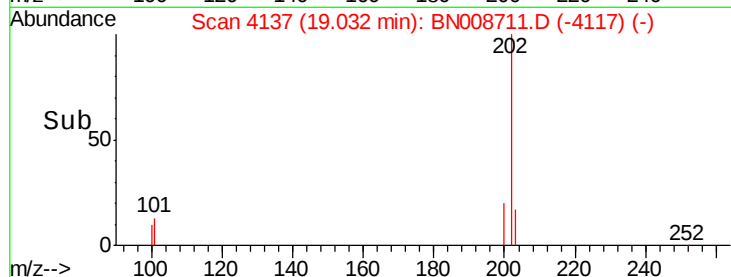
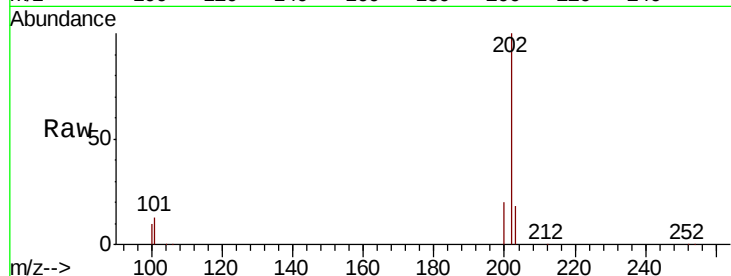
ClientSampleId :

C0AD1DL

Tot Ion:	202	Resp:	62453
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	29.6
100	9.8	0.0	27.0

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#17

Pyrene

Concen: 1.015 ng/ul

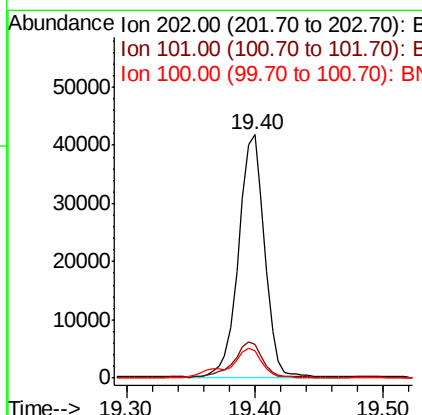
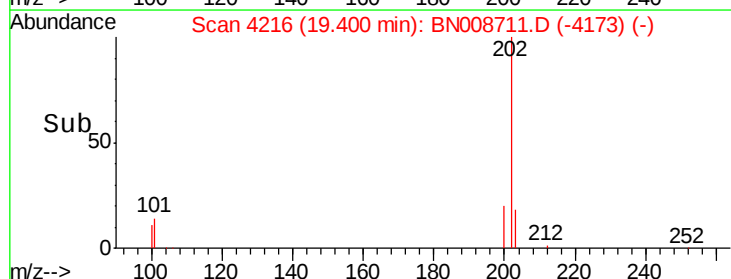
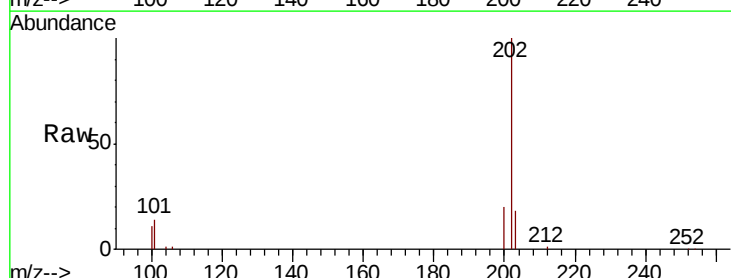
RT: 19.40 min Scan# 4216

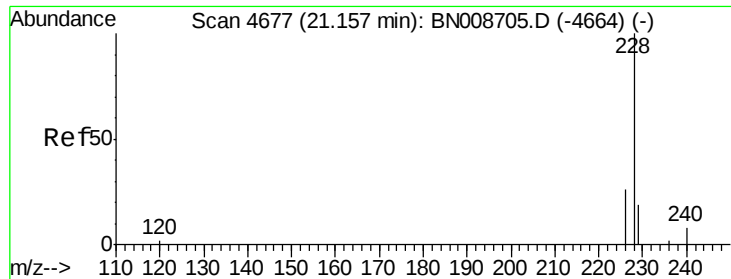
Delta R.T. -0.00 min

Lab File: BN008711.D

Acq: 22 Nov 2019 13:18

Tgt Ion:	202	Resp:	58421
Ion Ratio	Lower	Upper	
202	100		
101	14.0	10.2	15.2
100	11.3	8.2	12.2





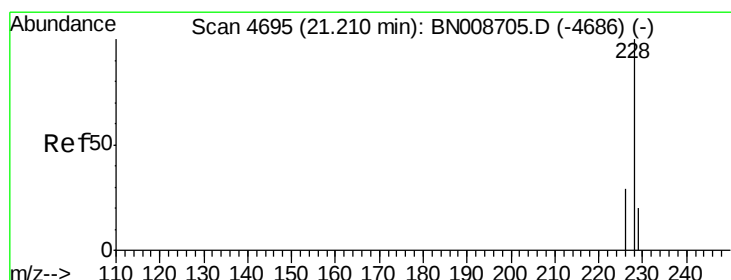
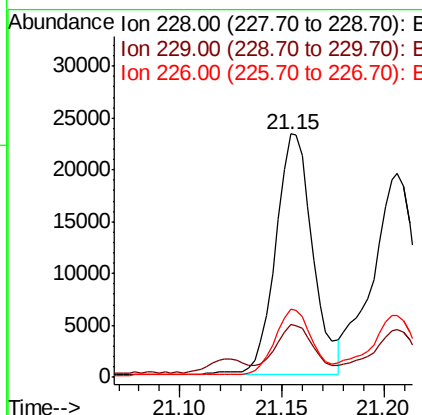
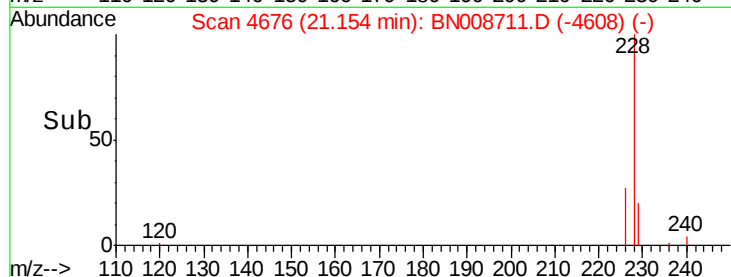
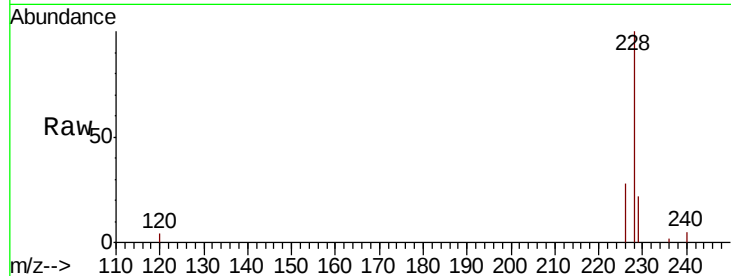
#18
Benzo(a)anthracene
Concen: 0.512 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.00 min
Lab File: BN008711.D
Acq: 22 Nov 2019 13:18

Instrument :
BNA_N
ClientSampleId :
C0AD1DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.8	23.6
226	27.9	21.6	32.4

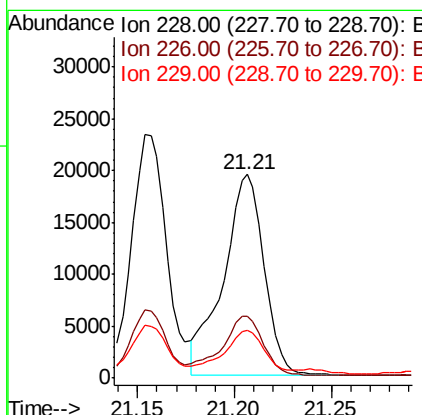
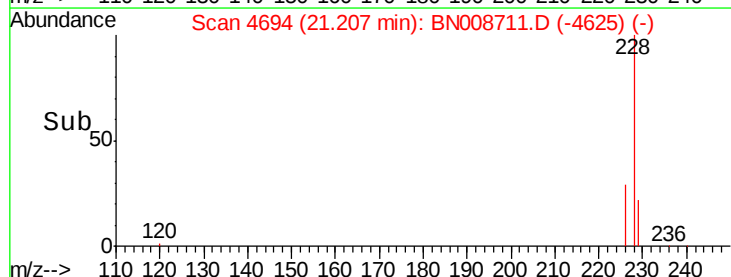
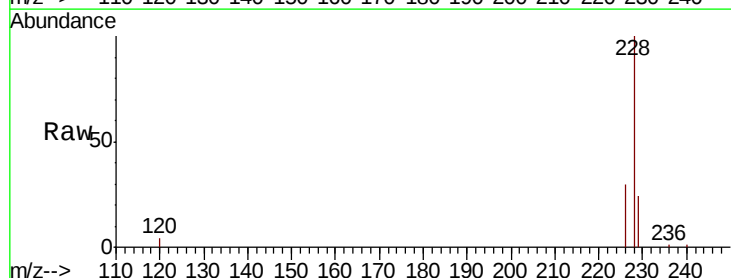
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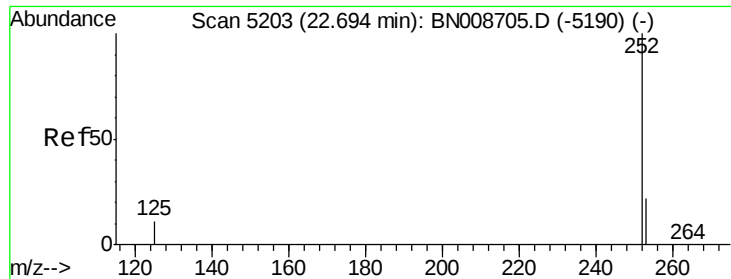
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#19
Chrysene
Concen: 0.502 ng/ul m
RT: 21.21 min Scan# 4694
Delta R.T. 0.00 min
Lab File: BN008711.D
Acq: 22 Nov 2019 13:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.5	36.7
229	23.5	15.5	23.3#





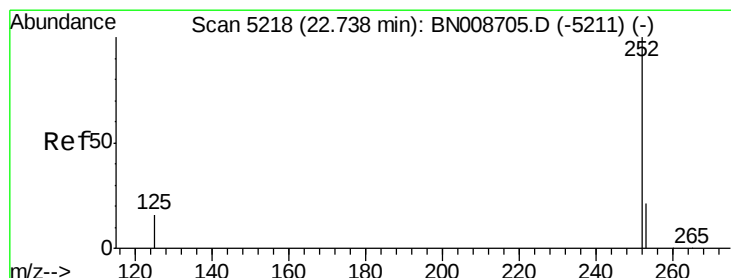
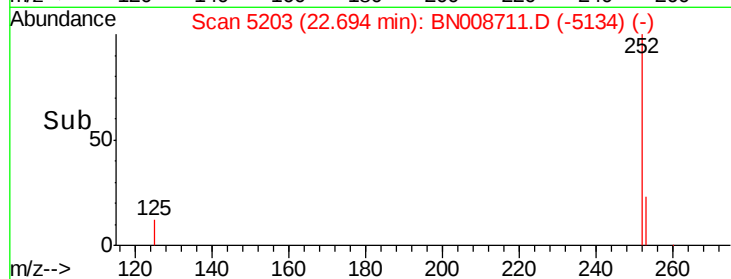
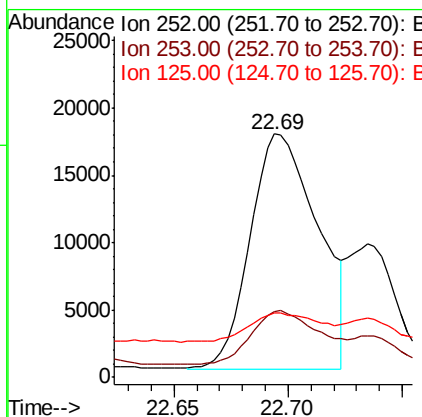
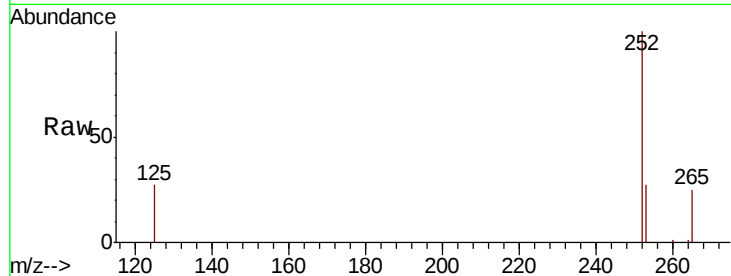
#21
Benzo(b)fluoranthene
Concen: 0.590 ng/ul m
RT: 22.69 min Scan# 5203
Delta R.T. 0.00 min
Lab File: BN008711.D
Acq: 22 Nov 2019 13:18

Instrument :
BNA_N
ClientSampleId :
C0AD1DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	36185		
253	27.0	0.0	50.2	
125	26.5	0.0	30.0	

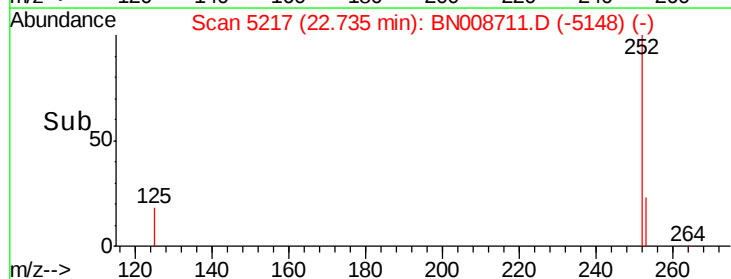
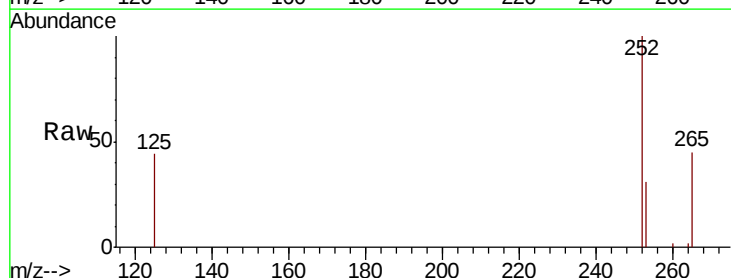
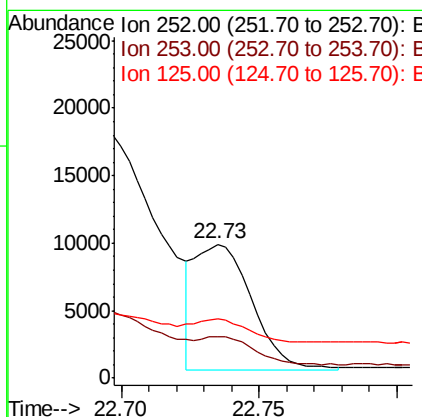
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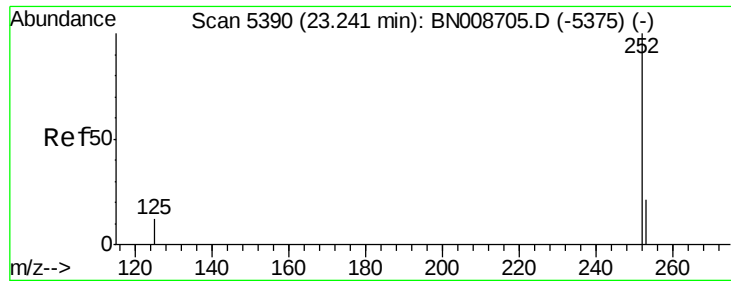
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#22
Benzo(k)fluoranthene
Concen: 0.222 ng/ul m
RT: 22.73 min Scan# 5217
Delta R.T. 0.00 min
Lab File: BN008711.D
Acq: 22 Nov 2019 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	13503		
253	31.3	20.5	30.7#	
125	44.1	15.0	22.4#	





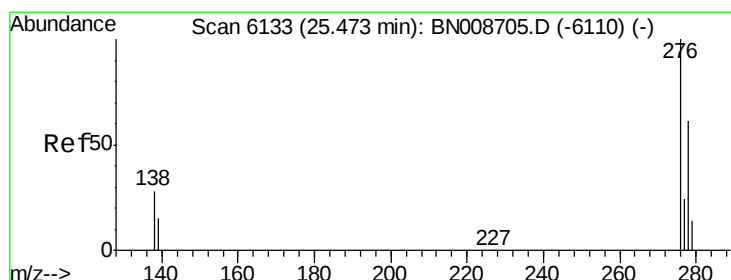
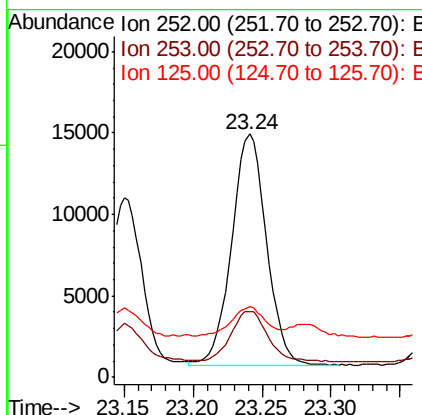
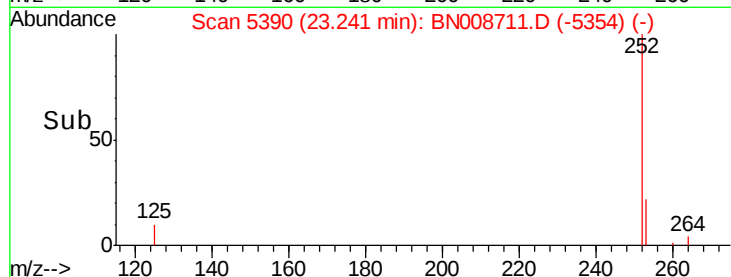
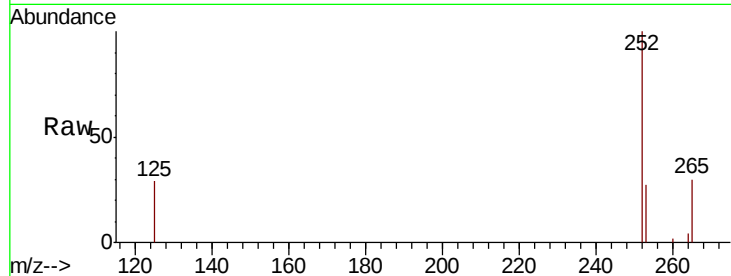
#23
Benzo(a)pyrene
Concen: 0.431 ng/uL
RT: 23.24 min Scan# 5390
Delta R.T. 0.01 min
Lab File: BN008711.D
Acq: 22 Nov 2019 13:18

Instrument :
BNA_N
ClientSampleId :
C0AD1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.1	21.4	32.2
125	28.8	13.8	20.8

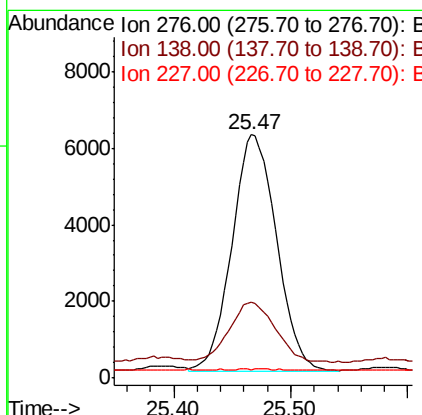
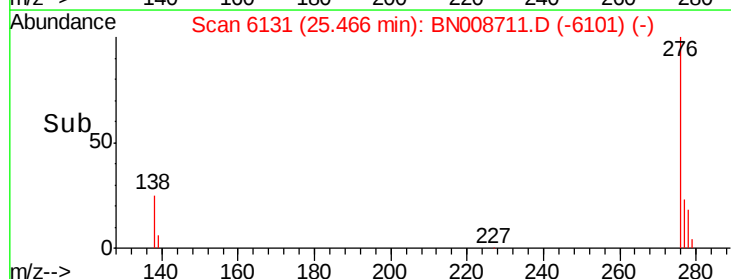
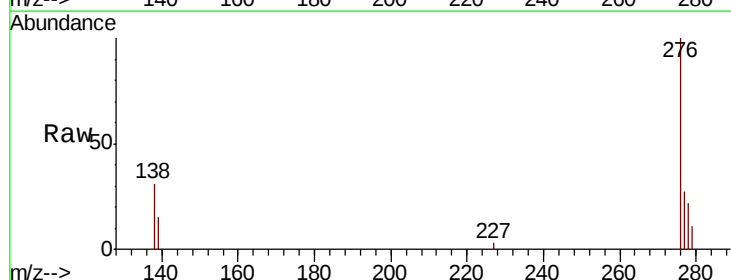
Manual Integrations
APPROVED

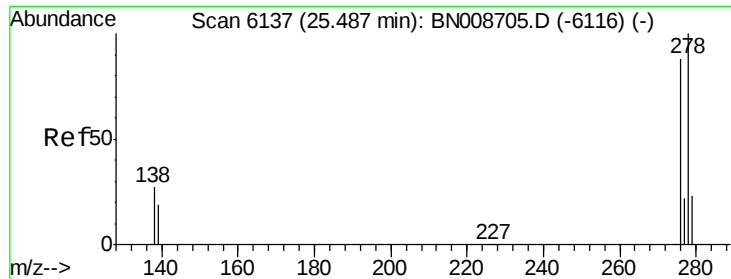
mohammad
11/22/2019 3:24:11 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.240 ng/uL
RT: 25.47 min Scan# 6131
Delta R.T. -0.00 min
Lab File: BN008711.D
Acq: 22 Nov 2019 13:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.7	32.5
227	0.1	0.2	0.2





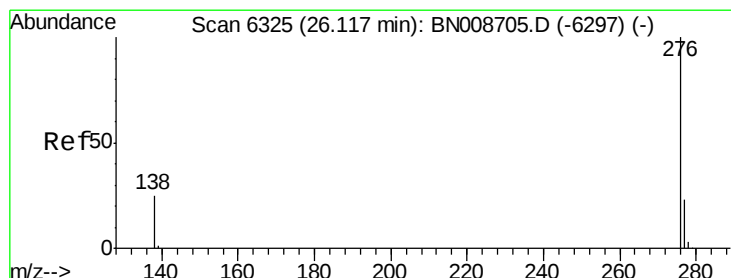
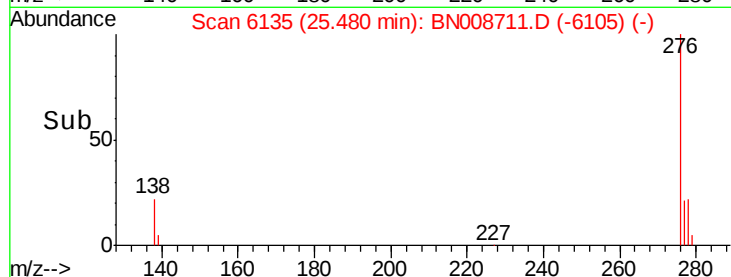
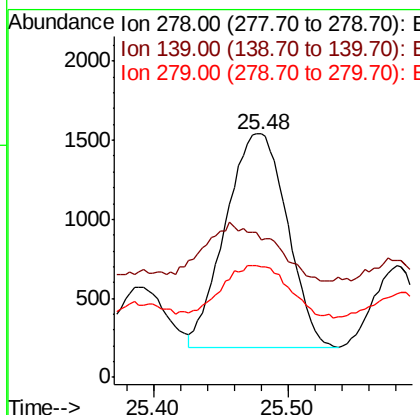
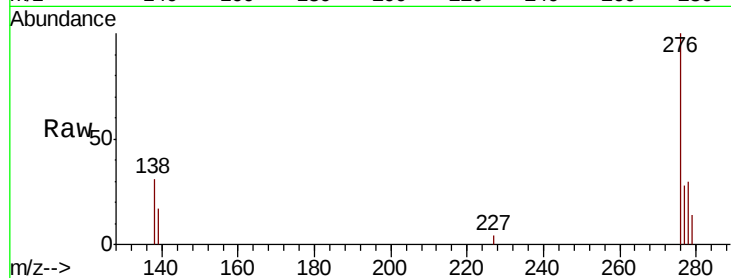
#25
Dibenzo(a,h)anthracene
Concen: 0.079 ng/u1
RT: 25.48 min Scan# 6135
Delta R.T. -0.00 min
Lab File: BN008711.D
Acq: 22 Nov 2019 13:18

Instrument :
BNA_N
ClientSampleID :
C0AD1DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	56.5	18.7	28.1#
279	45.2	20.8	31.2#

Manual Integrations
APPROVED

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#26
Benzo(g,h,i)perylene
Concen: 0.283 ng/u1
RT: 26.12 min Scan# 6327
Delta R.T. 0.01 min
Lab File: BN008711.D
Acq: 22 Nov 2019 13:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.0	20.0	30.0#
277	27.2	20.0	30.0

