

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
 Data File : BN008674.D
 Acq On : 20 Nov 2019 23:20
 Operator : JU
 Sample : K5851-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB1

Manual Integrations
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Quant Time: Nov 21 01:26:31 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 : Wed Nov 20 04:45:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4183	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	15716	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8791	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	17871	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	14115	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	14682	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	4225	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	10221	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	11238	0.237	ng/ul	100
5) 2-Methylnaphthalene	12.04	142	13034	0.394	ng/ul	100
7) Acenaphthylene	13.95	152	3609	0.074	ng/ul#	94
8) Acenaphthene	14.30	153	2641	0.073	ng/ul	98
9) Fluorene	15.29	166	5101	0.120	ng/ul#	94
12) Phenanthrene	17.02	178	105488	1.750	ng/ul	98
13) Anthracene	17.11	178	12976	0.228	ng/ul	98
15) Fluoranthene	19.05	202	173231	2.340	ng/ul	96
17) Pyrene	19.41	202	151527	2.676	ng/ul	99
18) Benzo(a)anthracene	21.16	228	64689	1.140	ng/ul	97
19) Chrysene	21.21	228	80635	1.446	ng/ul	97
21) Benzo(b)fluoranthene	22.71	252	100409m	1.658	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	36678m	0.611	ng/ul	
23) Benzo(a)pyrene	23.25	252	63028	1.109	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.48	276	48282	0.726	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.49	278	11958	0.223	ng/ul#	70
26) Benzo(a,h,i)perylene	26.13	276	49848	0.897	ng/ul	97

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

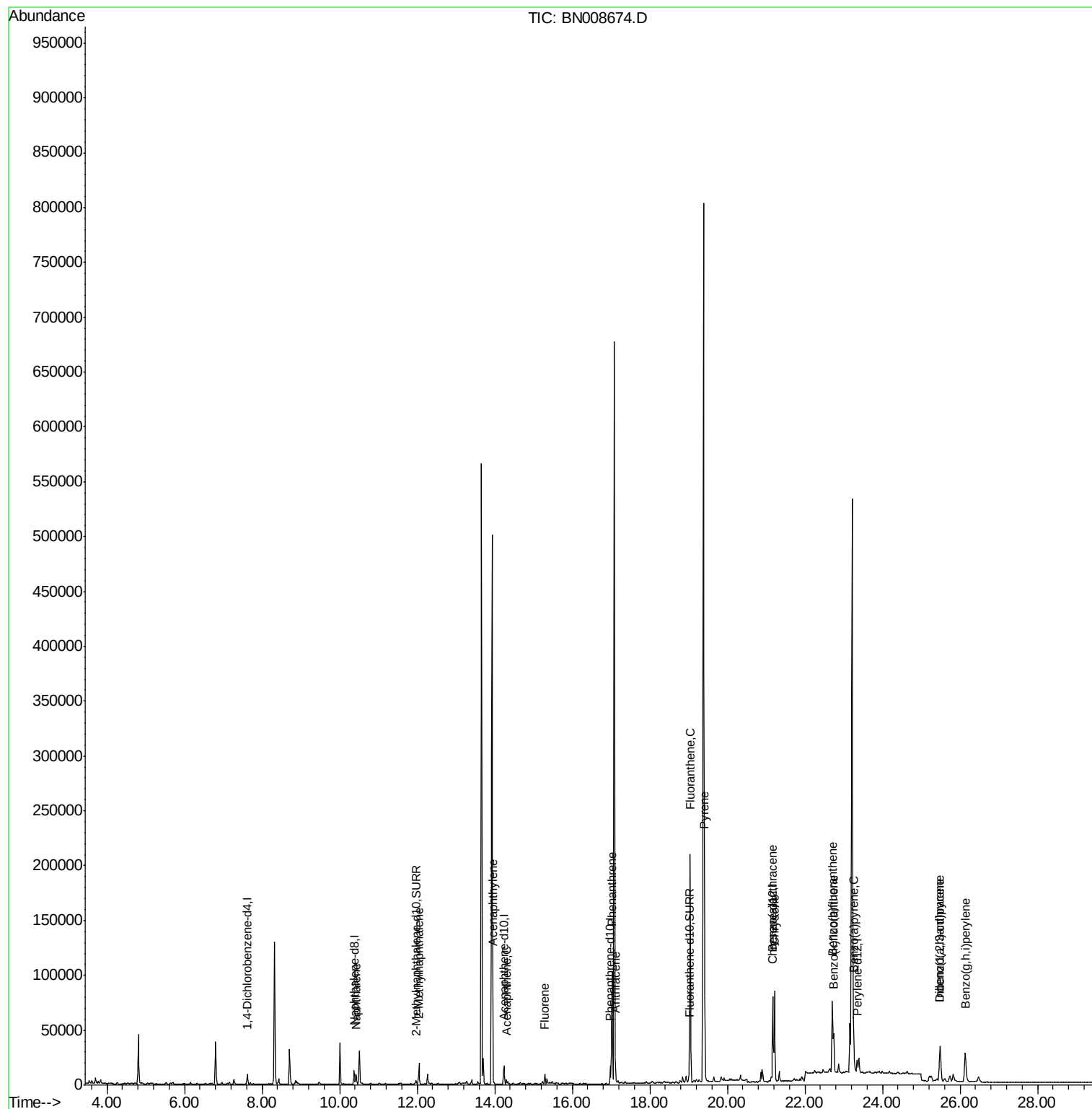
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
Data File : BN008674.D
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ALS Vial : 22 Sample Multiplier: 1

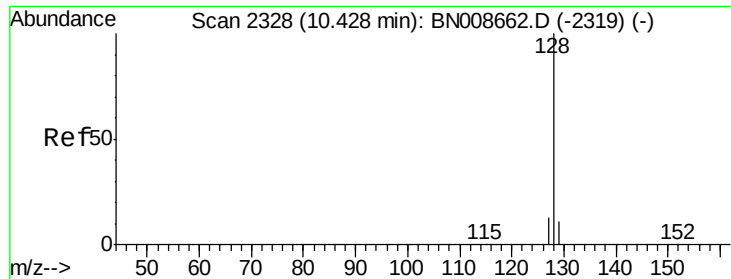
Instrument :
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Quant Time: Nov 21 01:26:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 20 04:45:41 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.237 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BN008674.D

Acq: 20 Nov 2019 23:20

Instrument :

BNA_N

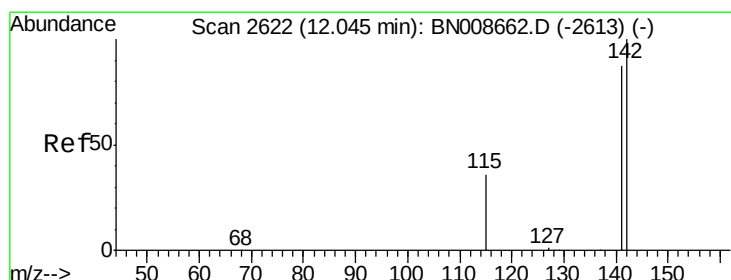
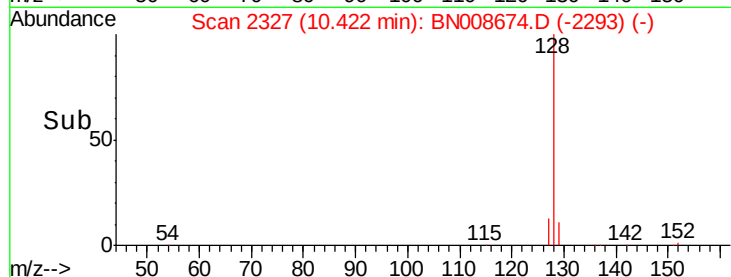
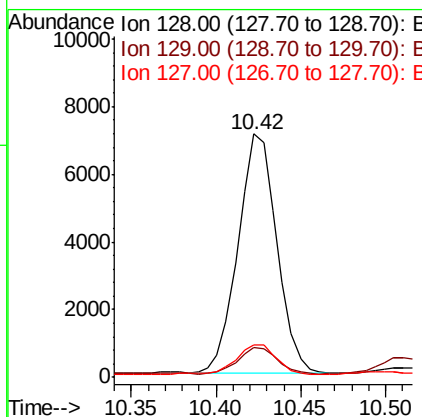
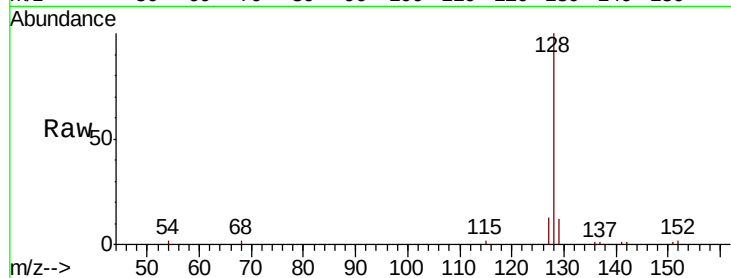
ClientSampled :

C0AB1

Tot Ion:	128	Resp:	11238
Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.7	14.5
127	13.3	10.8	16.2

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#5

2-Methylnaphthalene

Concen: 0.394 ng/ul

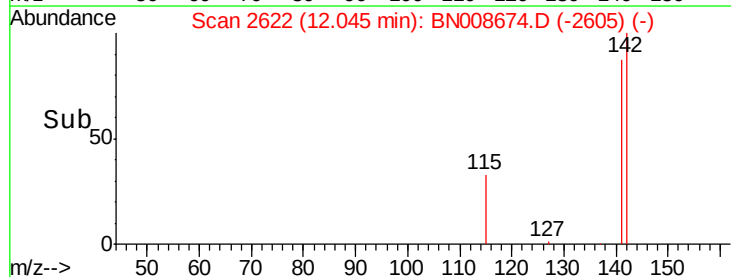
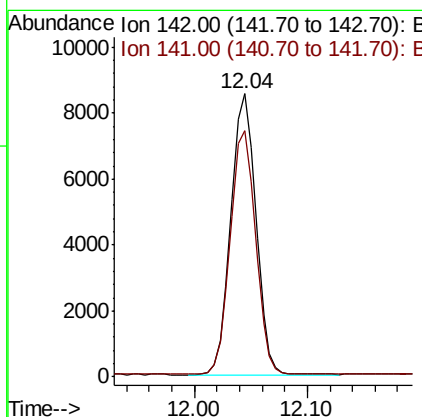
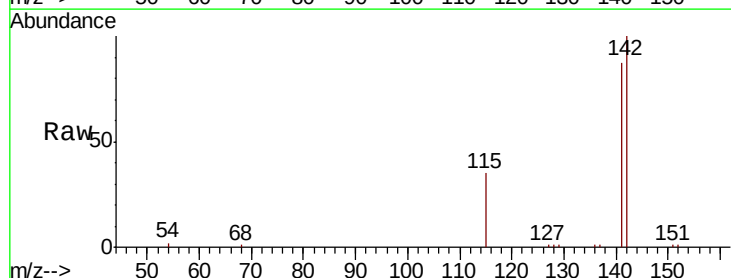
RT: 12.04 min Scan# 2622

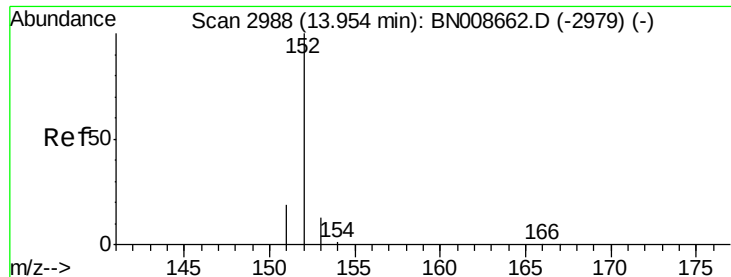
Delta R.T. -0.01 min

Lab File: BN008674.D

Acq: 20 Nov 2019 23:20

Tgt Ion:	142	Resp:	13034
Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.5	105.7





#7

Acenaphthylene

Concen: 0.074 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008674.D

Acq: 20 Nov 2019 23:20

Instrument :

BNA_N

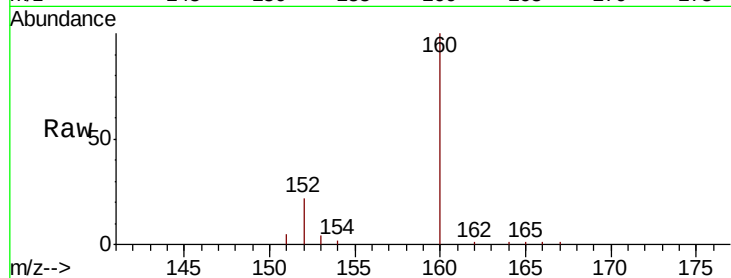
ClientSampleId :

C0AB1

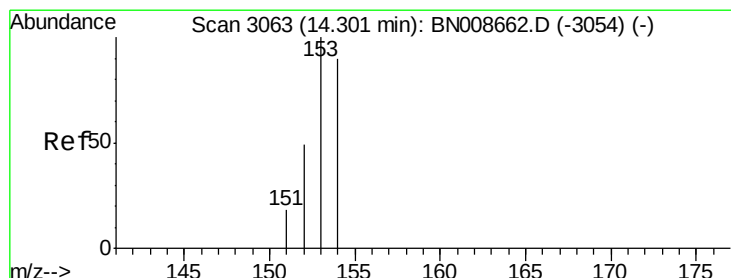
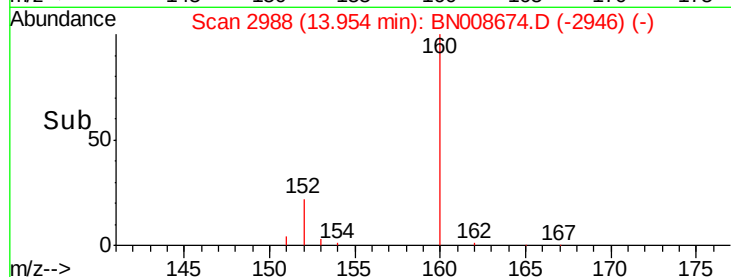
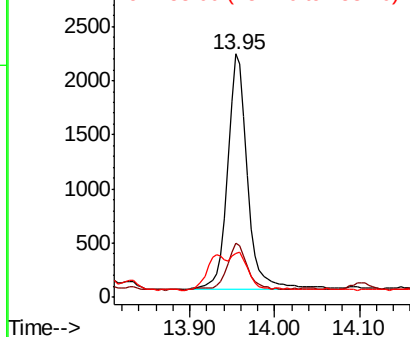
Tot Ion:	152	Resp:	3609
Ion Ratio	Lower	Upper	
152	100		
151	22.0	16.6	24.8
153	18.1	11.1	16.7#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.073 ng/ul

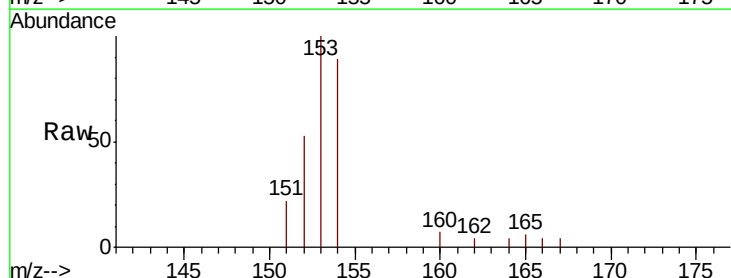
RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

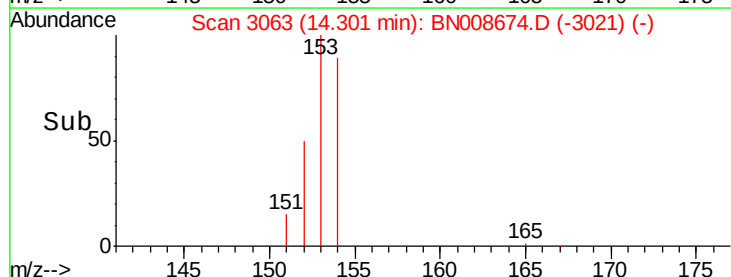
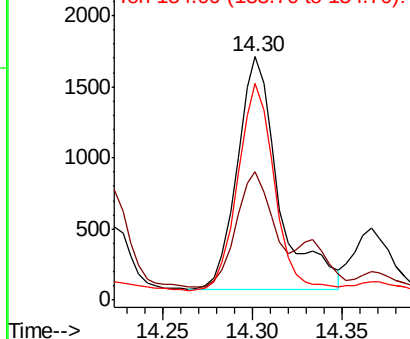
Lab File: BN008674.D

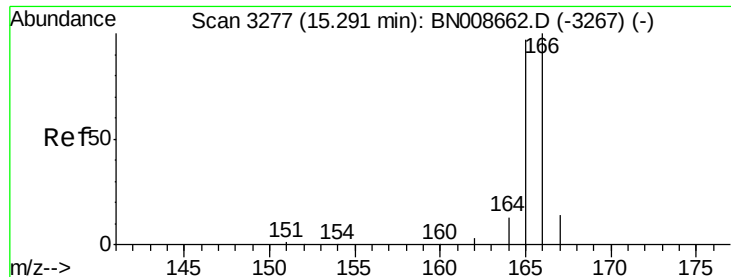
Acq: 20 Nov 2019 23:20

Tgt Ion:	153	Resp:	2641
Ion Ratio	Lower	Upper	
153	100		
152	52.7	39.6	59.4
154	88.8	70.6	106.0



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





#9

Fluorene

Concen: 0.120 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.00 min

Lab File: BN008674.D

Acq: 20 Nov 2019 23:20

Instrument :

BNA_N

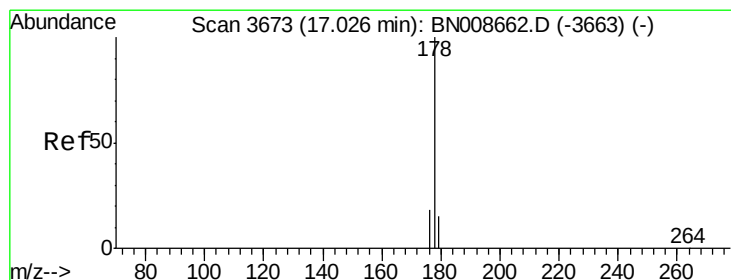
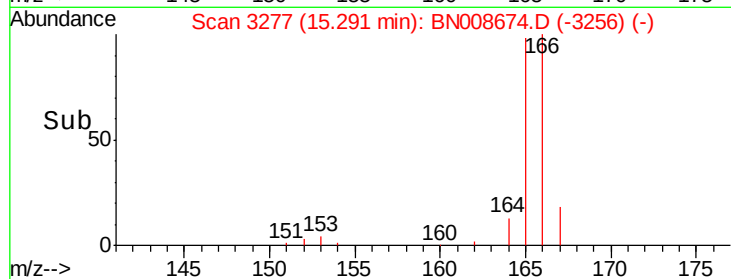
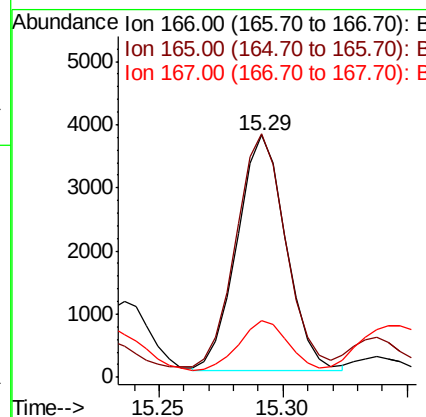
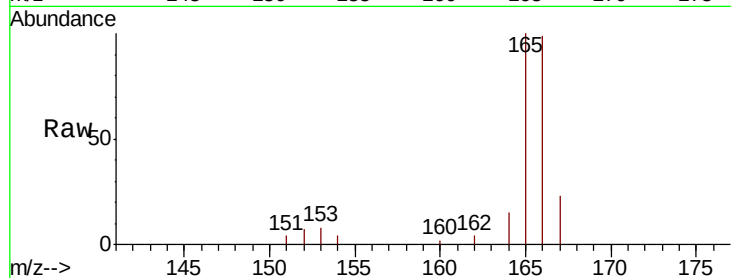
ClientSampleId :

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Tot Ion:	166	Resp:	5101
Ion	Ratio	Lower	Upper
166	100		
165	100.5	77.4	116.0
167	23.3	11.4	17.0#

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#12

Phenanthrene

Concen: 1.750 ng/ul

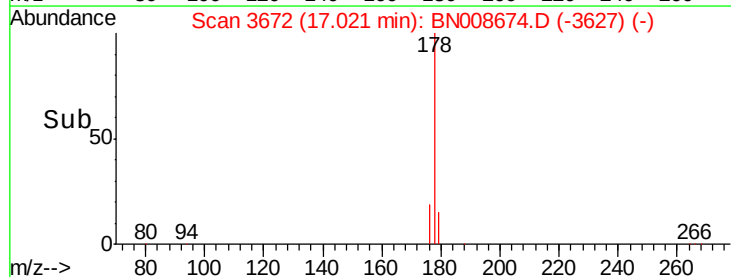
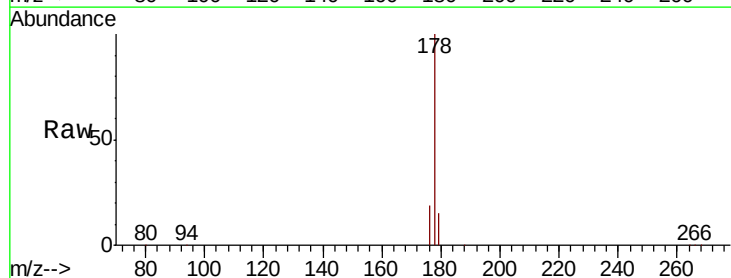
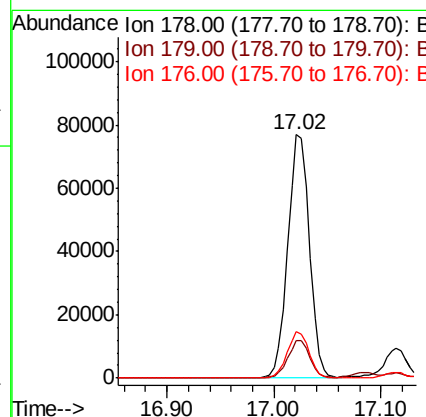
RT: 17.02 min Scan# 3672

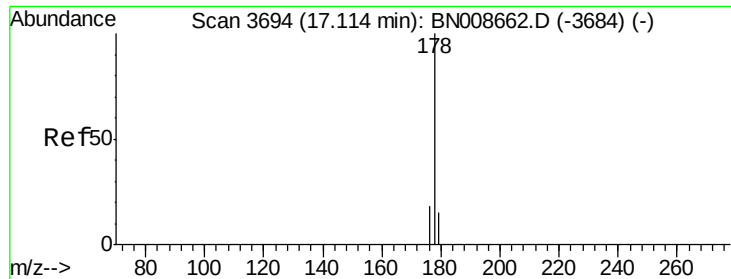
Delta R.T. -0.01 min

Lab File: BN008674.D

Acq: 20 Nov 2019 23:20

Tgt Ion:	178	Resp:	105488
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	18.9	16.0	24.0





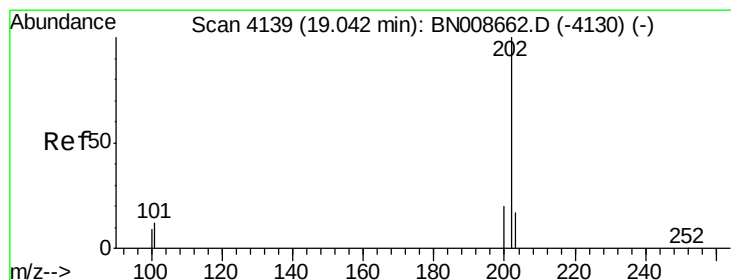
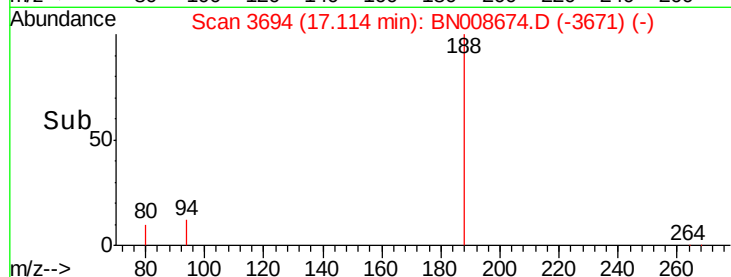
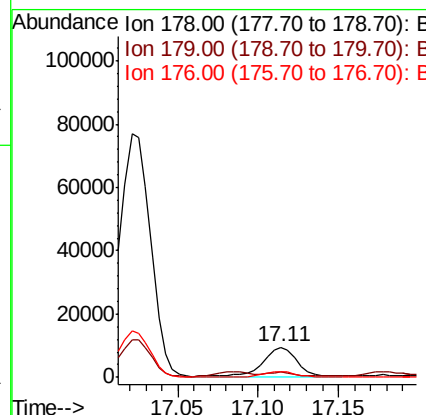
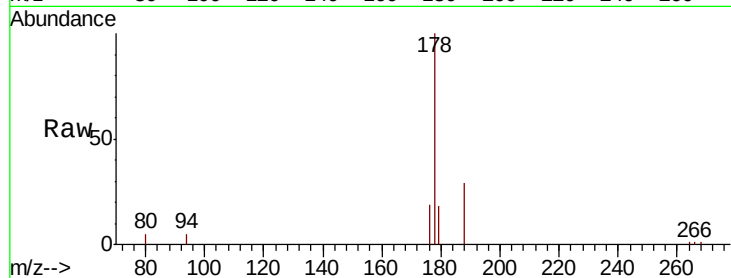
#13
 Anthracene
 Concen: 0.228 ng/ul
 RT: 17.11 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: BN008674.D
 Acq: 20 Nov 2019 23:20

Instrument :
 BNA_N
 ClientSampled :
 C0AB1

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.6	13.0	19.4
176	19.0	15.3	22.9

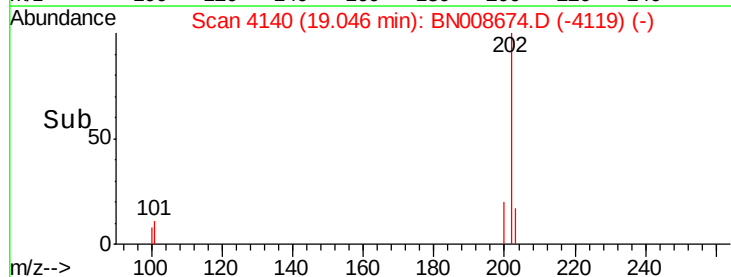
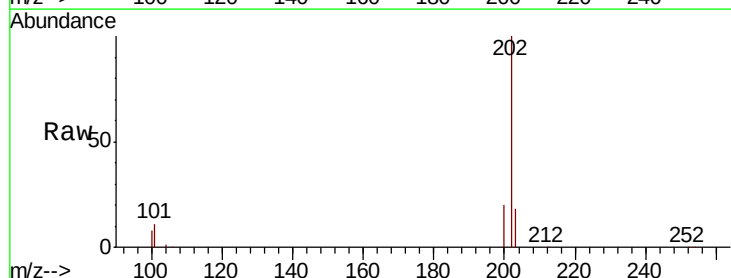
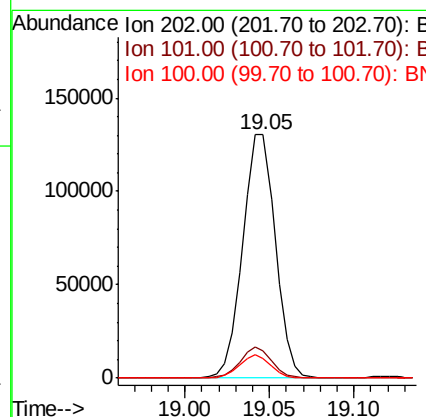
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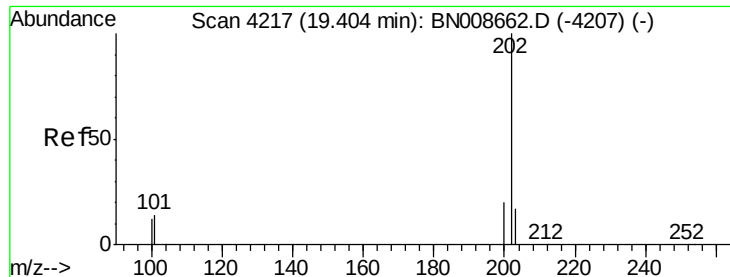
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#15
 Fluoranthene
 Concen: 2.340 ng/ul
 RT: 19.05 min Scan# 4140
 Delta R.T. -0.00 min
 Lab File: BN008674.D
 Acq: 20 Nov 2019 23:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	29.6
100	8.1	0.0	27.0





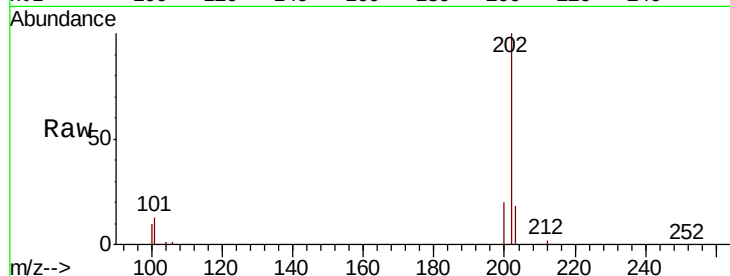
#17
Pvrene
Concen: 2.676 ng/ul
RT: 19.41 min Scan# 4218
Delta R.T. 0.00 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Instrument :
BNA_N
ClientSampleId :
C0AB1

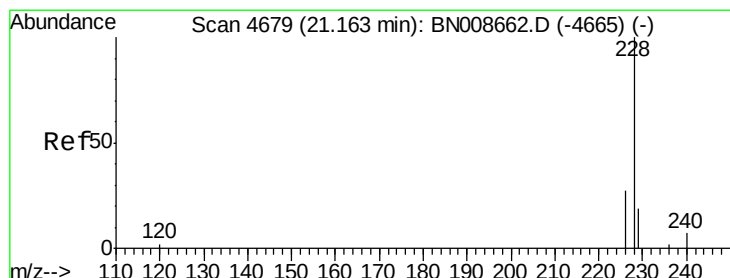
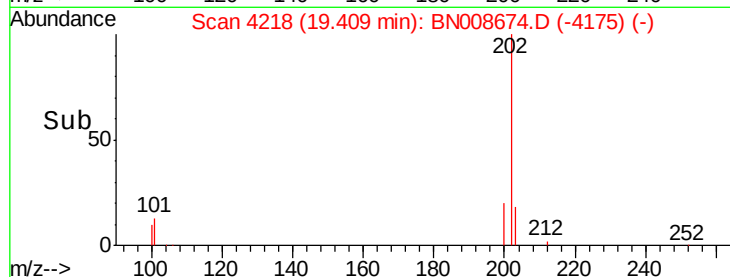
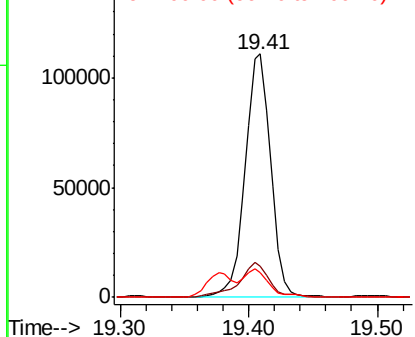
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.1	10.2	15.2
100	10.4	8.2	12.2

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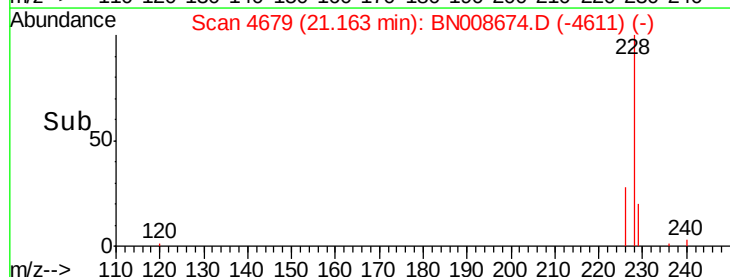
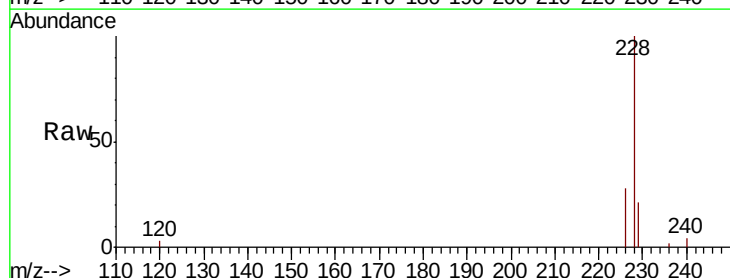
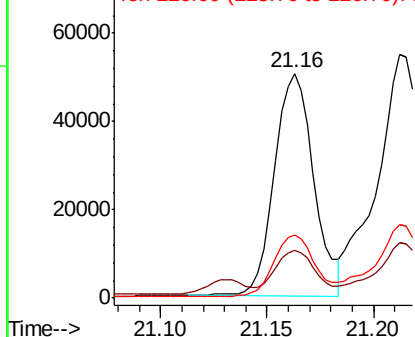
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

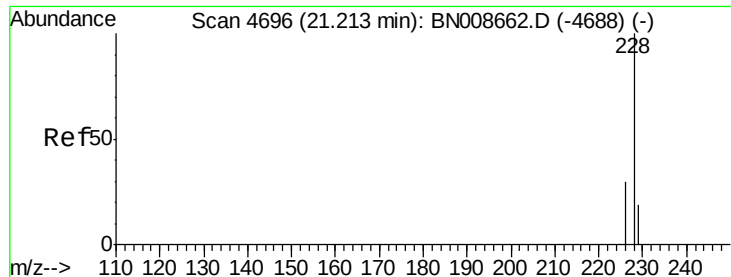


#18
Benzo(a)anthracene
Concen: 1.140 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.2	15.8	23.6
226	28.3	21.6	32.4

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.446 ng/ul

RT: 21.21 min Scan# 4696

Delta R.T. -0.00 min

Lab File: BN008674.D

Acq: 20 Nov 2019 23:20

Instrument :

BNA_N

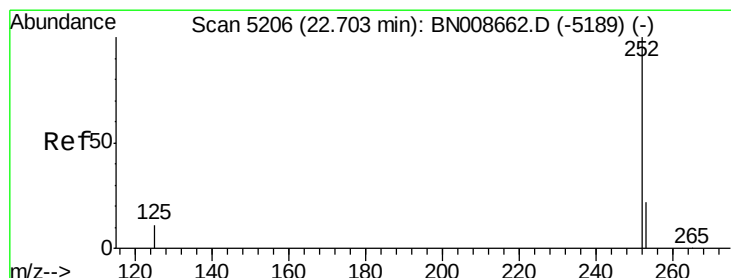
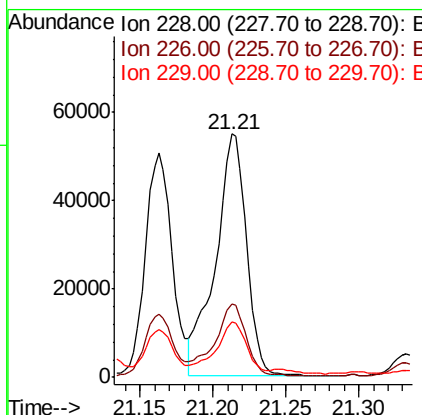
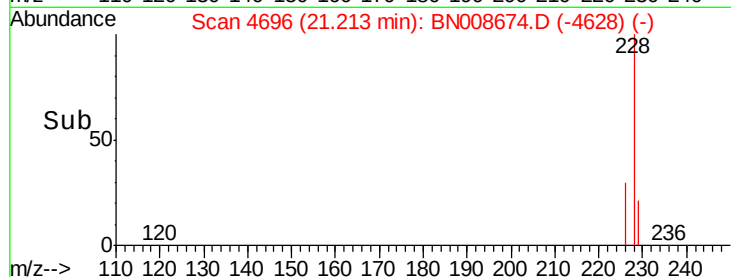
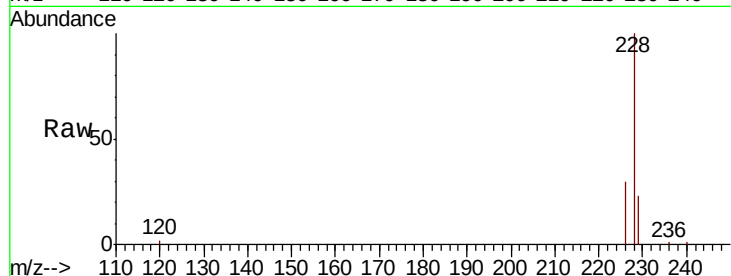
ClientSampleId :

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Tot Ion:	228	Resp:	80635
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.5	36.7
229	22.5	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 1.658 ng/ul m

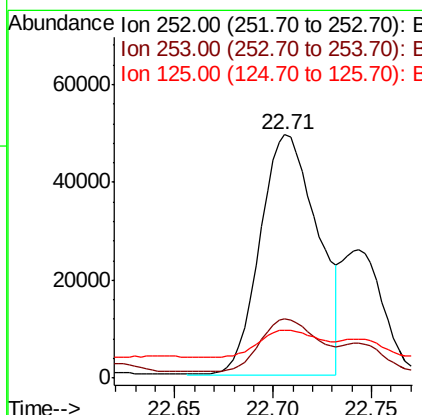
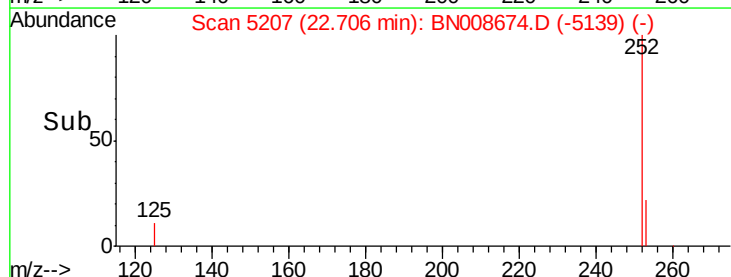
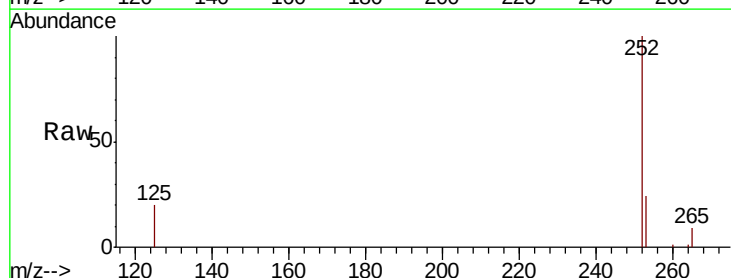
RT: 22.71 min Scan# 5207

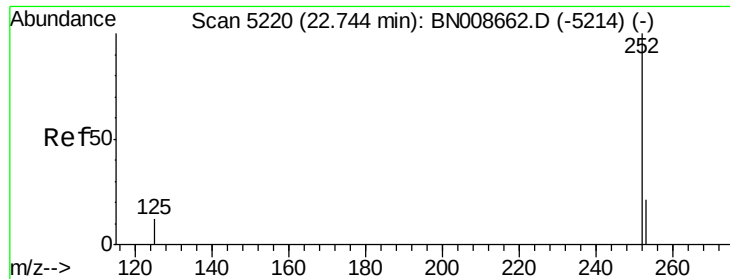
Delta R.T. 0.00 min

Lab File: BN008674.D

Acq: 20 Nov 2019 23:20

Tgt Ion:	252	Resp:	100409
Ion Ratio	Lower	Upper	
252	100		
253	24.2	0.0	50.2
125	19.7	0.0	30.0





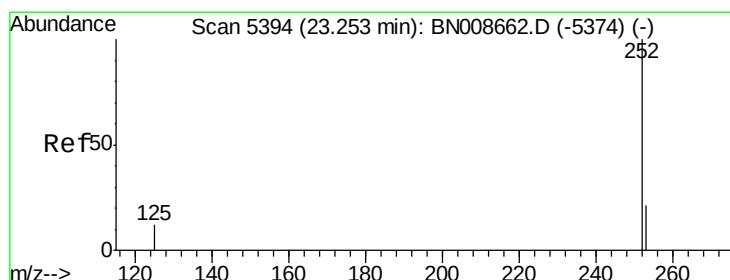
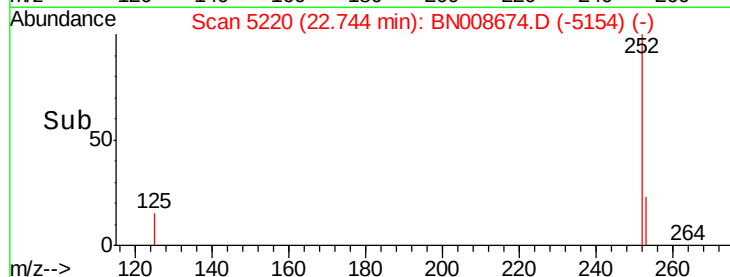
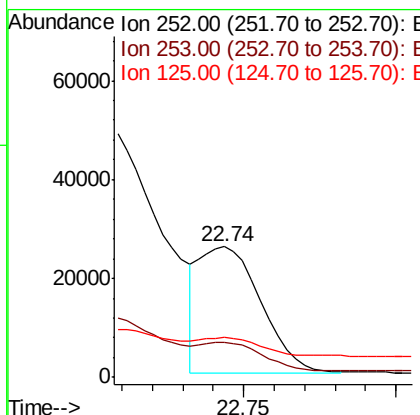
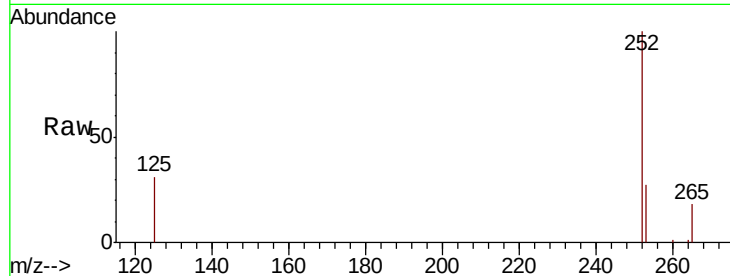
#22
Benzo(k)fluoranthene
Concen: 0.611 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Instrument :
BNA_N
ClientSampleId :
C0AB1

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.1	20.5	30.7
125	30.6	15.0	22.4#

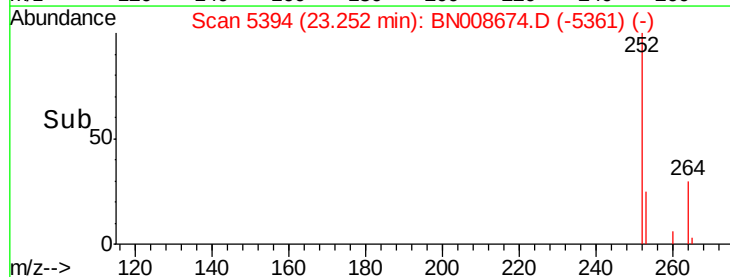
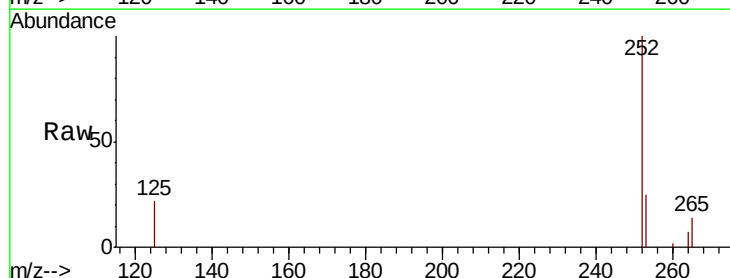
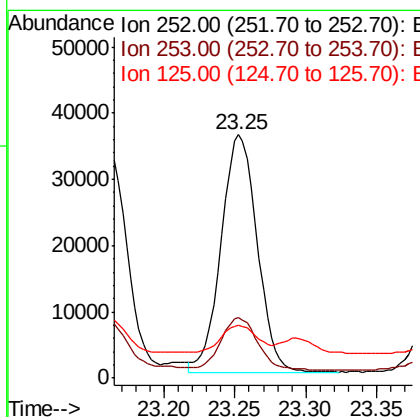
Manual Integrations
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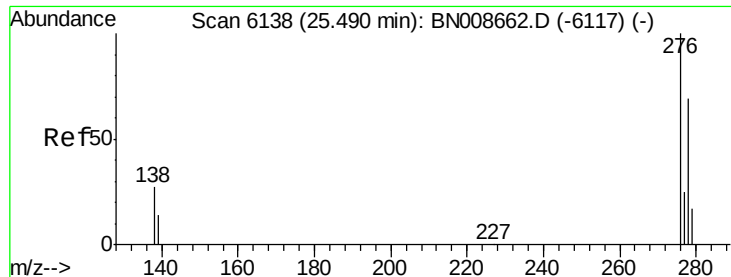
mohammad
11/21/2019 1:06:32 PM



#23
Benzo(a)pyrene
Concen: 1.109 ng/ul
RT: 23.25 min Scan# 5394
Delta R.T. -0.00 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	21.4	32.2
125	21.8	13.8	20.8#





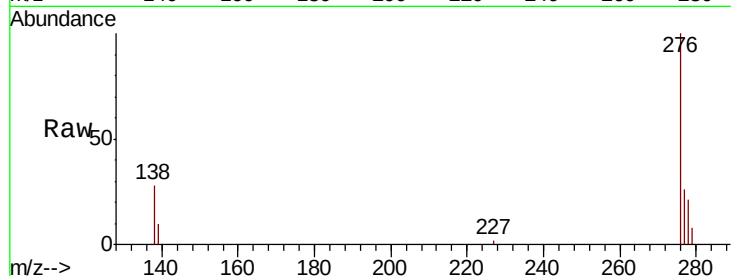
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.726 ng/ul
 RT: 25.48 min Scan# 6136
 Delta R.T. -0.01 min
 Lab File: BN008674.D
 Acq: 20 Nov 2019 23:20

Instrument :
 BNA_N
 ClientSampleID :
 C0AB1

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	21.7	32.5
227	0.2	0.2	0.2

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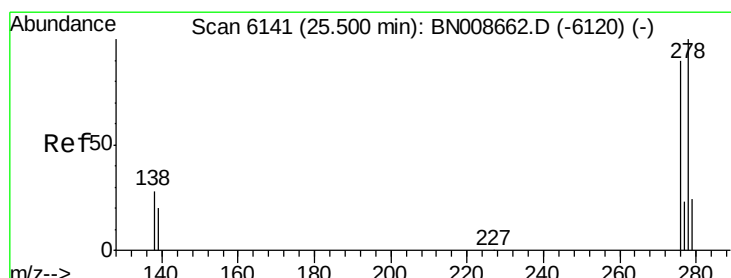
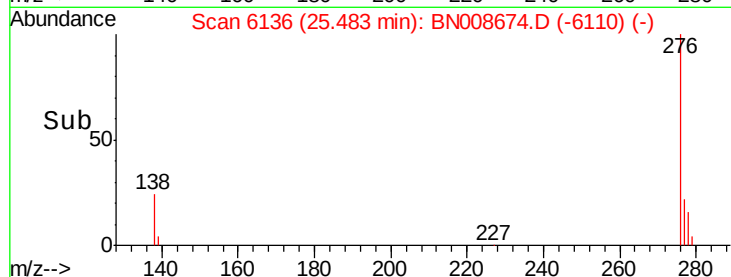
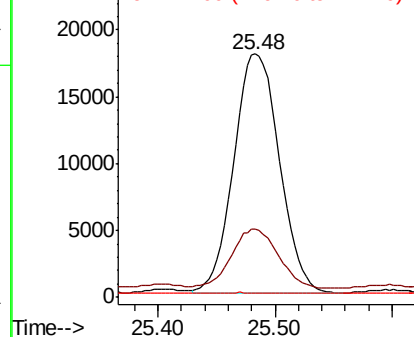


Abundance

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: 0.223 ng/ul
 RT: 25.49 min Scan# 6138
 Delta R.T. -0.02 min
 Lab File: BN008674.D
 Acq: 20 Nov 2019 23:20

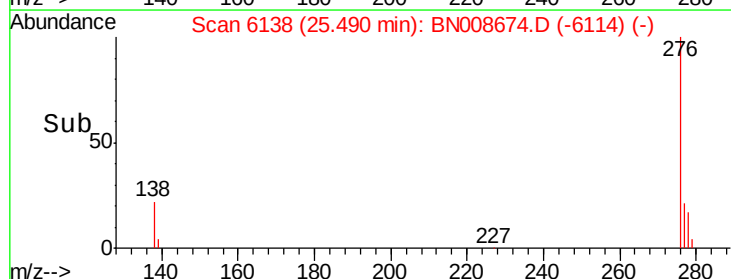
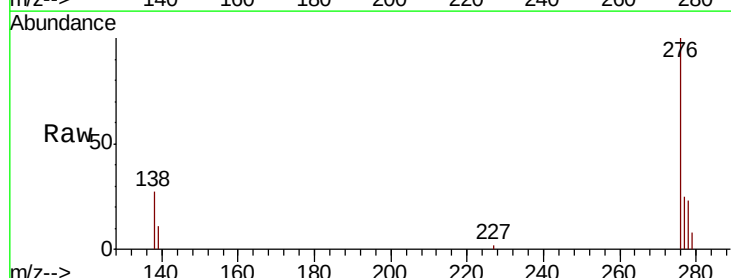
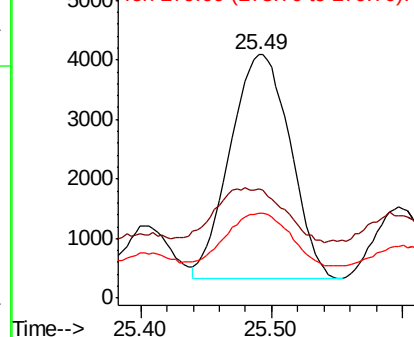
Tgt Ion	Ratio	Lower	Upper
278	100		
139	44.9	18.7	28.1
279	34.8	20.8	31.2

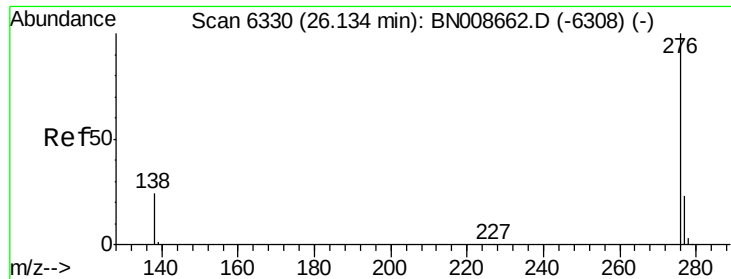
Abundance

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





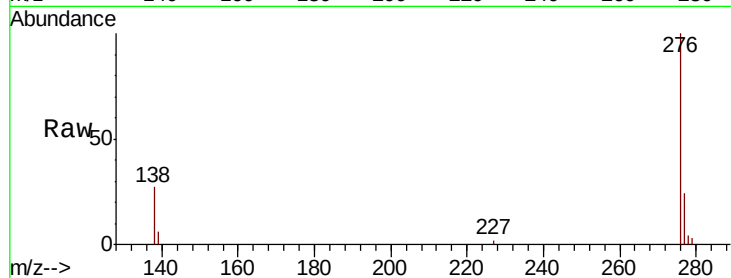
#26
Benzo(a,h,i)perylene
Concen: 0.897 ng/ul
RT: 26.13 min Scan# 6330
Delta R.T. -0.01 min
Lab File: BN008674.D
Acq: 20 Nov 2019 23:20

Instrument :
BNA_N
ClientSampleId :
C0AB1

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.5	20.0	30.0
277	24.4	20.0	30.0

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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

