

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
 Data File : BN009049.D
 Acq On : 20 Dec 2019 03:12
 Operator : JU
 Sample : K6171-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BS2

Manual Integrations
 APPROVED

Sohil
 12/20/2019 4:29:59 PM

Quant Time: Dec 20 06:22:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 15:54:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2776	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	11109	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	6611	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	14482	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	10129	0.40	ng/ul	0.00
20) Perylene-d12	23.25	264	8563	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	3337	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	8042	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.34	128	1282	0.038	ng/ul#	87
5) 2-Methylnaphthalene	11.97	142	1101	0.043	ng/ul	100
7) Acenaphthylene	13.89	152	2574	0.074	ng/ul#	94
8) Acenaphthene	14.23	153	816	0.030	ng/ul	96
9) Fluorene	15.22	166	2544	0.079	ng/ul#	97
12) Phenanthrene	16.95	178	59438	1.180	ng/ul	99
13) Anthracene	17.05	178	8466	0.187	ng/ul	99
15) Fluoranthene	18.98	202	139398	2.420	ng/ul	98
17) Pyrene	19.34	202	107403	2.078	ng/ul	97
18) Benzo(a)anthracene	21.10	228	47805	1.063	ng/ul	98
19) Chrysene	21.15	228	53488	1.183	ng/ul	98
21) Benzo(b)fluoranthene	22.62	252	64247m	1.607	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	23044m	0.572	ng/ul	
23) Benzo(a)pyrene	23.16	252	39402	1.124	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.35	276	26713	0.700	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.36	278	5970	0.197	ng/ul#	86
26) Benzo(a,h,i)perylene	25.99	276	25969	0.808	ng/ul	99

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

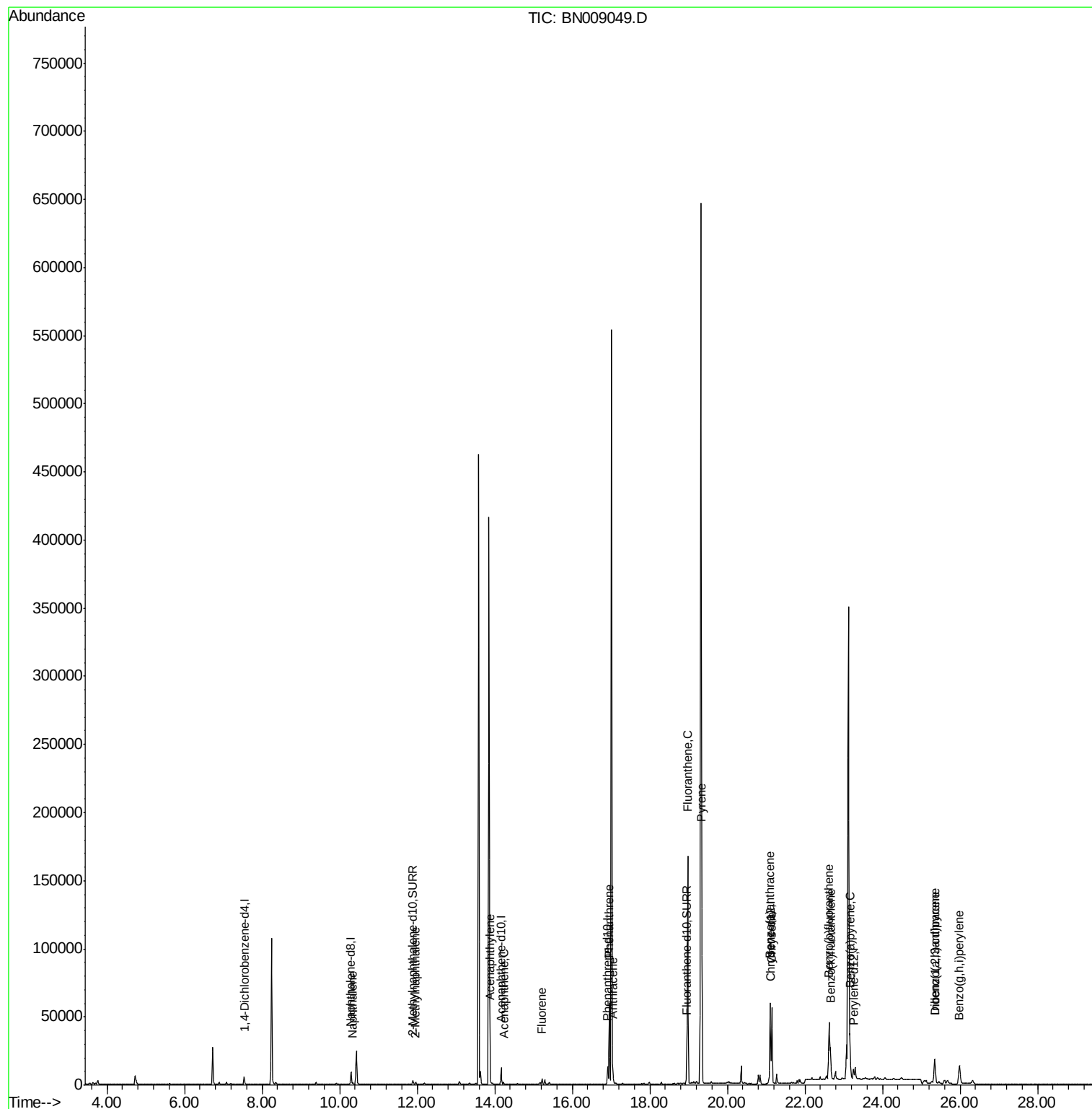
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009049.D
Acq On : 20 Dec 2019 03:12
Operator : JU
Sample : K6171-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

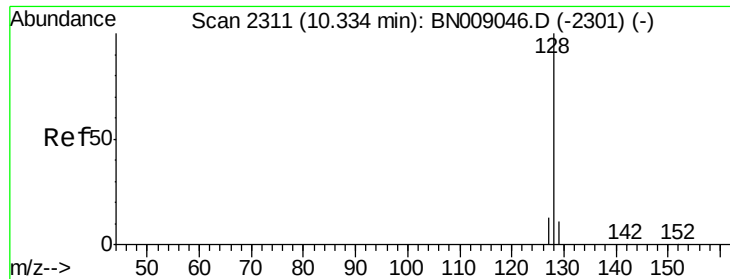
Instrument :
BNA_N
ClientSampleId :
C0BS2

Manual Integrations
APPROVED

Sohil
12/20/2019 4:29:59 PM

Quant Time: Dec 20 06:22:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 15:54:16 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.038 ng/ul

RT: 10.34 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BN009049.D

Acq: 20 Dec 2019 03:12

Instrument :

BNA_N

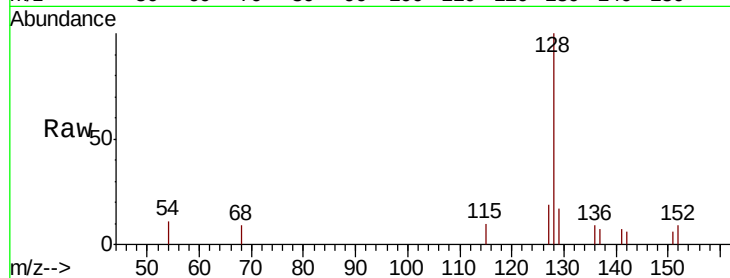
ClientSampleId :

C0BS2

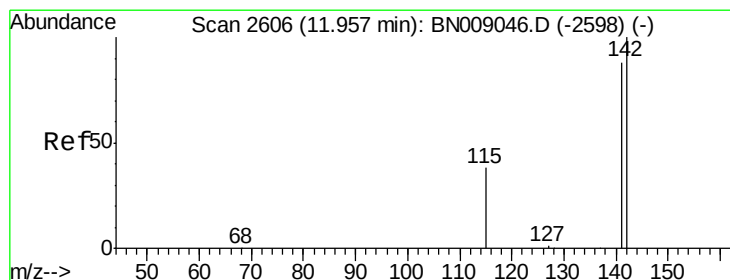
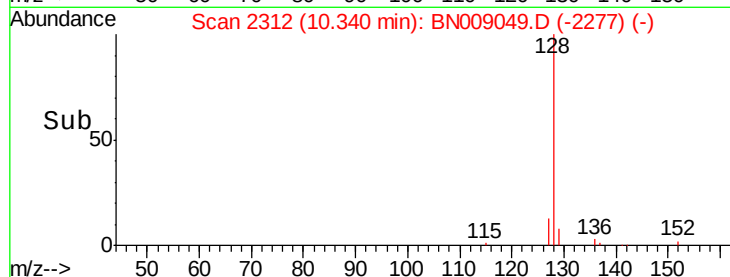
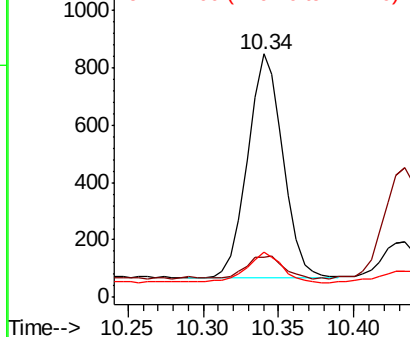
Tot Ion:	128	Resp:	1282
Ion Ratio	Lower	Upper	
128	100		
129	16.5	9.0	13.4#
127	18.5	10.9	16.3#

Manual Integrations
APPROVED

Sohil
12/20/2019 4:29:59 PM



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: 0.043 ng/ul

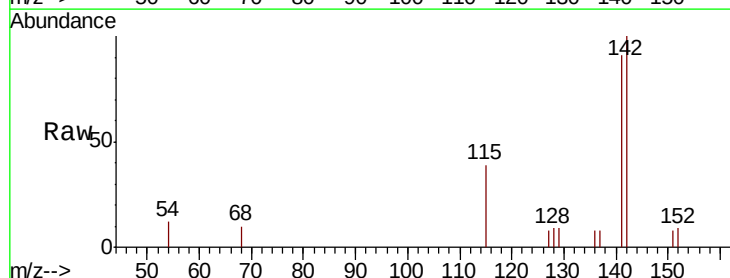
RT: 11.97 min Scan# 2608

Delta R.T. 0.00 min

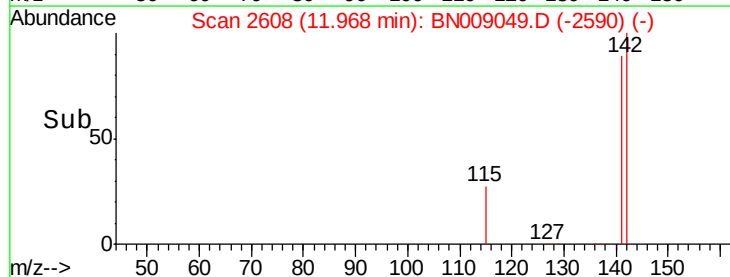
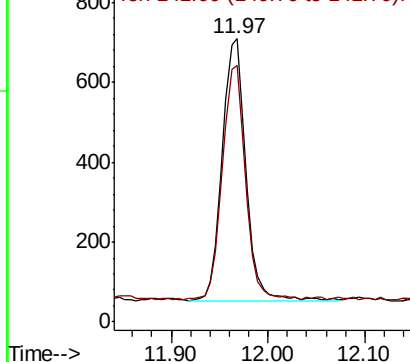
Lab File: BN009049.D

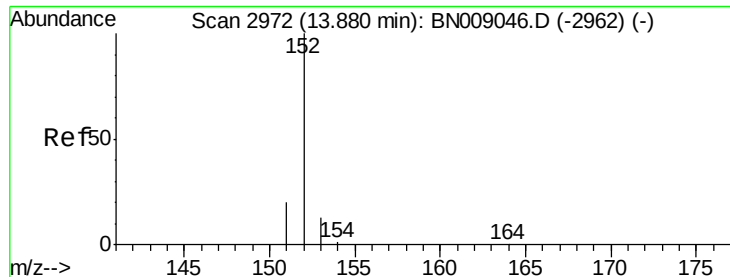
Acq: 20 Dec 2019 03:12

Tgt Ion:	142	Resp:	1101
Ion Ratio	Lower	Upper	
142	100		
141	87.9	70.2	105.4



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





#7

Acenaphthylene

Concen: 0.074 ng/ul

RT: 13.89 min Scan# 2973

Delta R.T. 0.00 min

Lab File: BN009049.D

Acq: 20 Dec 2019 03:12

Instrument :

BNA_N

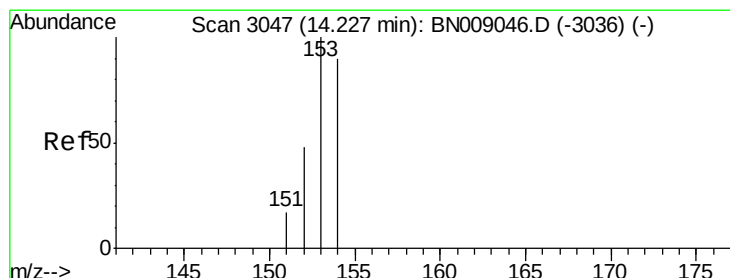
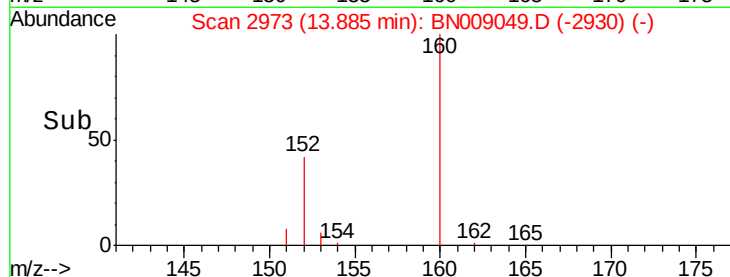
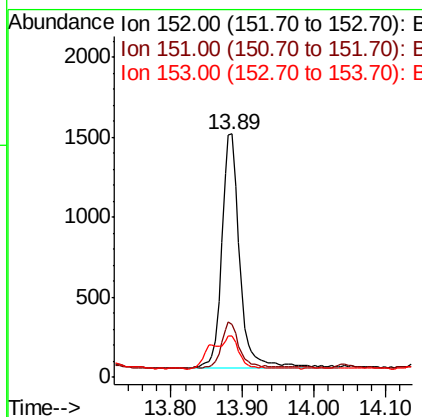
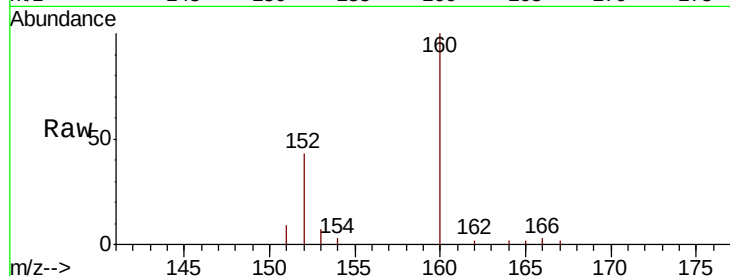
ClientSampleId :

C0BS2

Tot Ion:	152	Resp:	2574
Ion Ratio	Lower	Upper	
152	100		
151	21.8	15.7	23.5
153	17.0	10.8	16.2

Manual Integrations
APPROVED

Sohil
12/20/2019 4:29:59 PM



#8

Acenaphthene

Concen: 0.030 ng/ul

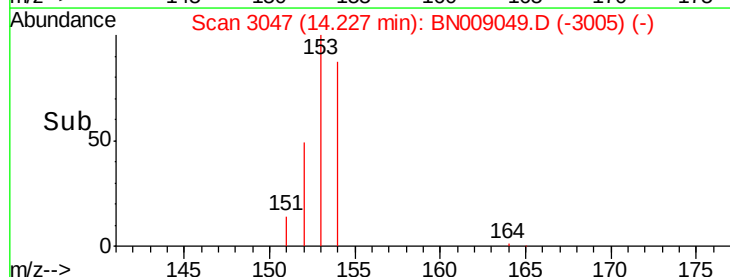
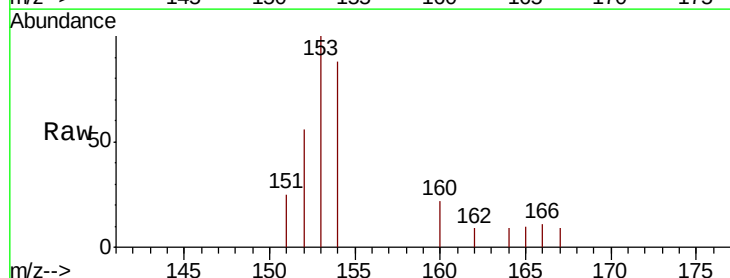
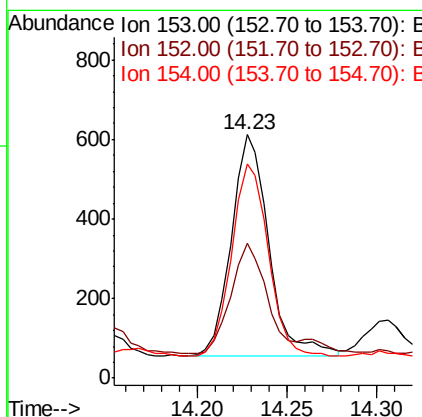
RT: 14.23 min Scan# 3047

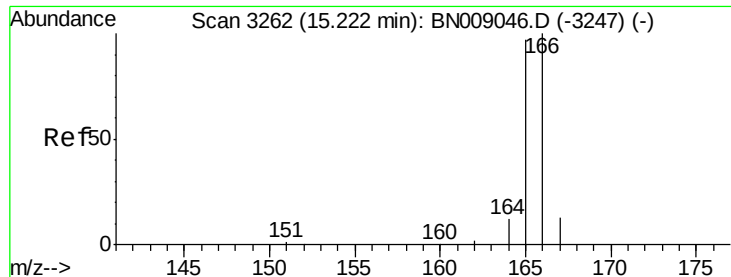
Delta R.T. -0.00 min

Lab File: BN009049.D

Acq: 20 Dec 2019 03:12

Tgt Ion:	153	Resp:	816
Ion Ratio	Lower	Upper	
153	100		
152	55.6	39.5	59.3
154	88.1	71.3	106.9





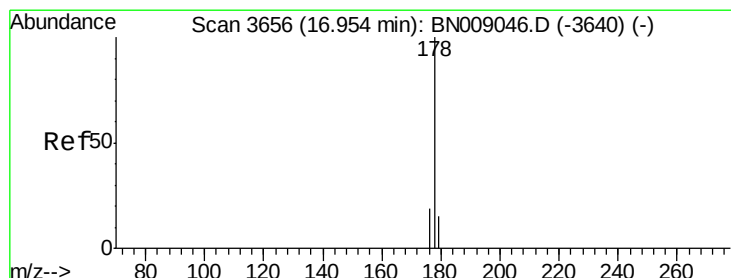
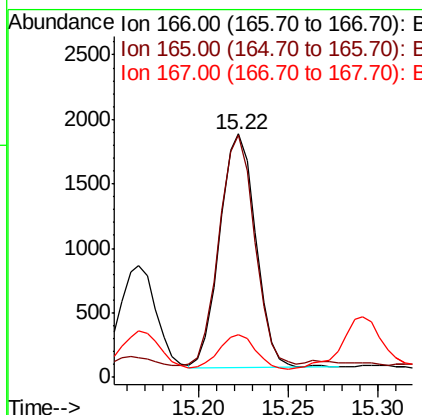
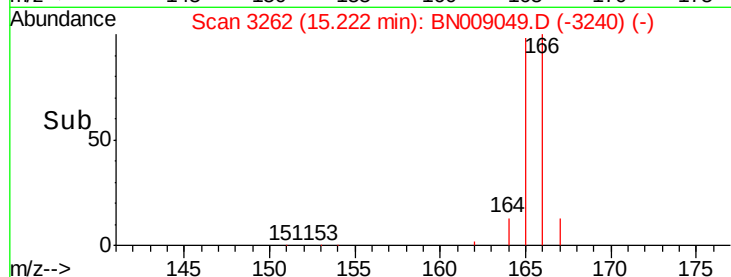
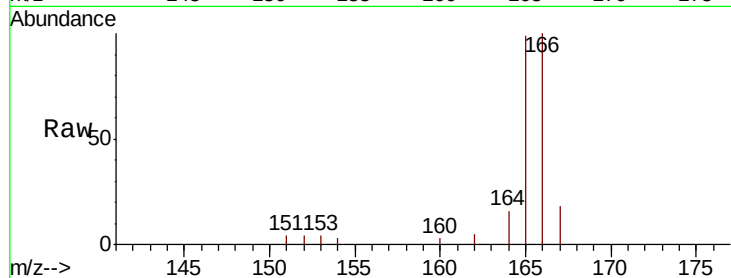
#9
Fluorene
 Concen: 0.079 ng/ul
 RT: 15.22 min Scan# 3262
 Delta R.T. 0.00 min
 Lab File: BN009049.D
 Acq: 20 Dec 2019 03:12

Instrument :
 BNA_N
 ClientSampleId :
 C0BS2

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.2	117.4
167	17.7	11.0	16.6#

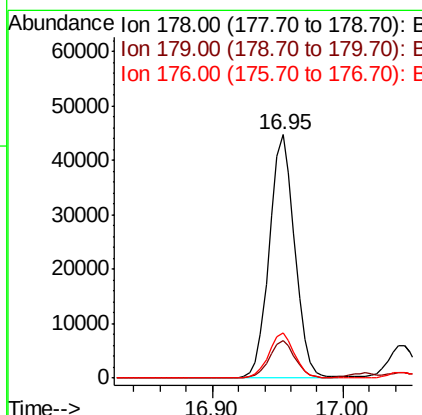
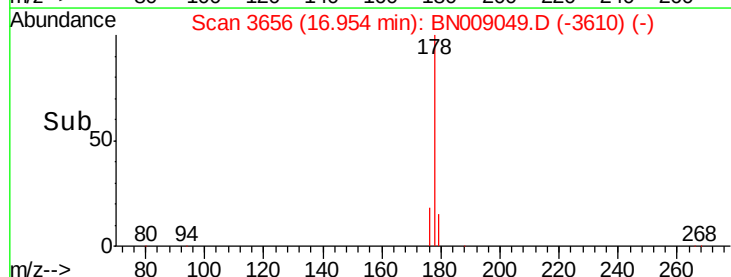
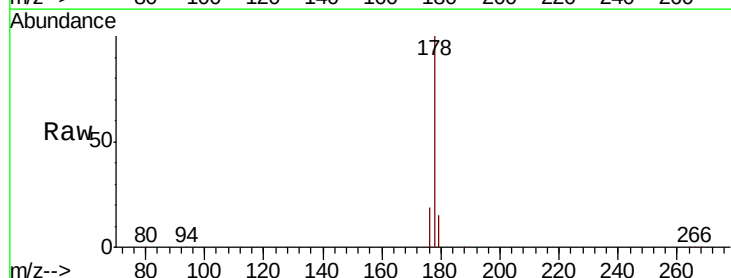
Manual Integrations
 APPROVED

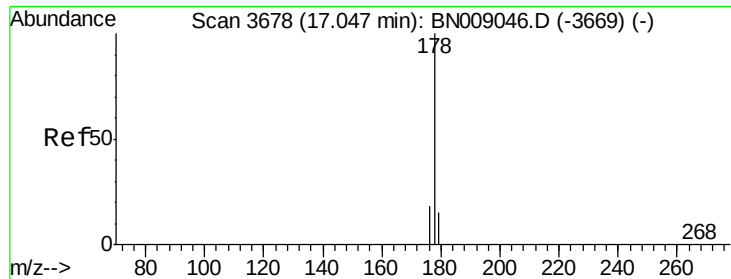
Sohil
 12/20/2019 4:29:59 PM



#12
Phenanthrene
 Concen: 1.180 ng/ul
 RT: 16.95 min Scan# 3656
 Delta R.T. -0.00 min
 Lab File: BN009049.D
 Acq: 20 Dec 2019 03:12

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.6	15.1	22.7





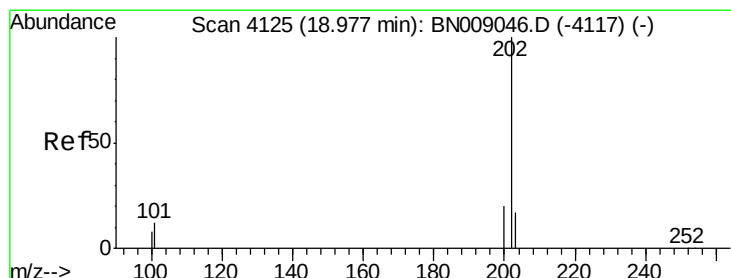
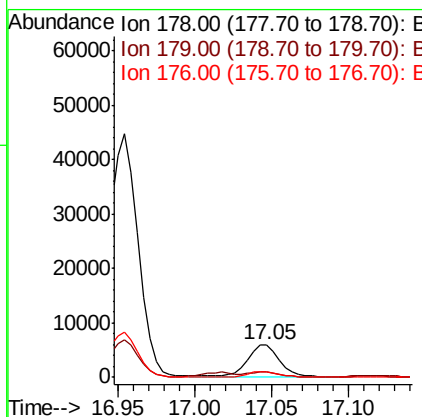
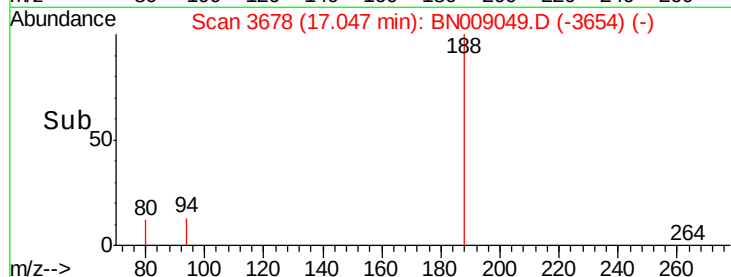
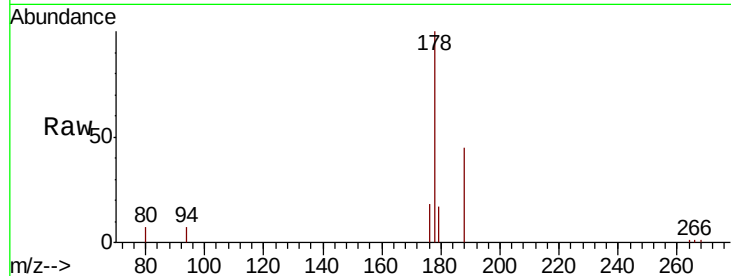
#13
 Anthracene
 Concen: 0.187 ng/ul
 RT: 17.05 min Scan# 3678
 Delta R.T. 0.00 min
 Lab File: BN009049.D
 Acq: 20 Dec 2019 03:12

Instrument :
 BNA_N
 ClientSampled :
 C0BS2

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.5	18.7
176	18.5	14.9	22.3

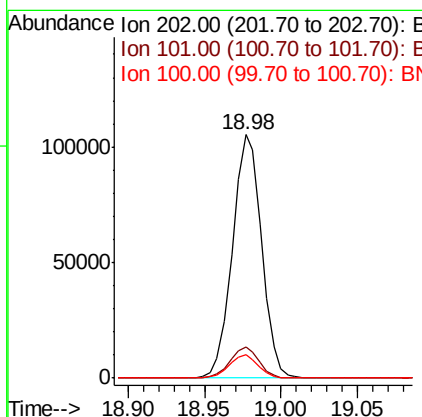
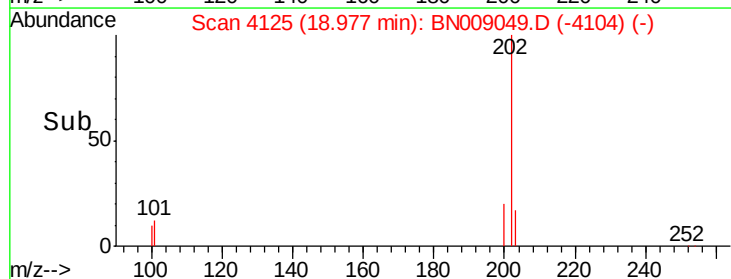
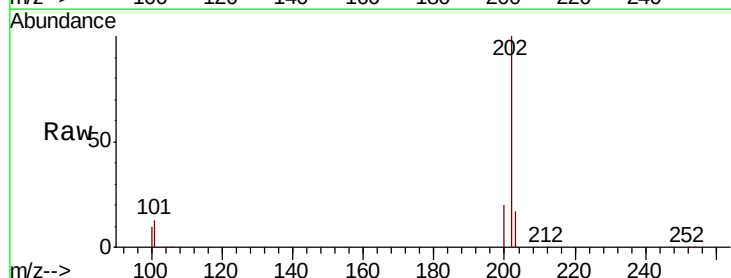
Manual Integrations
 APPROVED

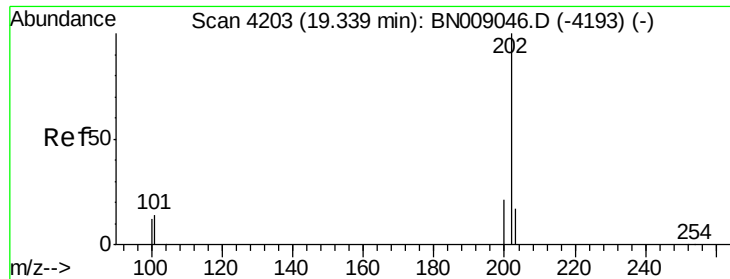
Sohil
 12/20/2019 4:29:59 PM



#15
 Fluoranthene
 Concen: 2.420 ng/ul
 RT: 18.98 min Scan# 4125
 Delta R.T. -0.00 min
 Lab File: BN009049.D
 Acq: 20 Dec 2019 03:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.5
100	9.6	0.0	28.9





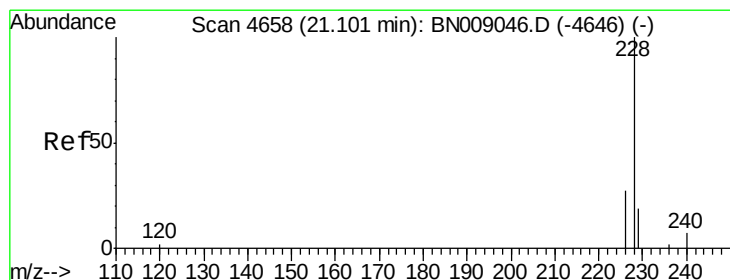
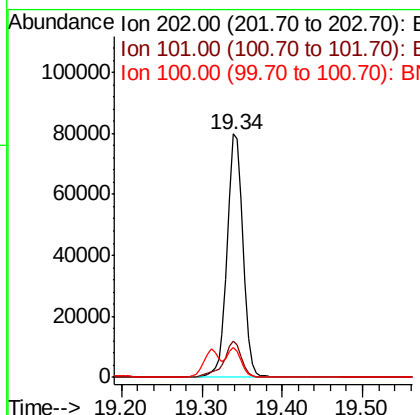
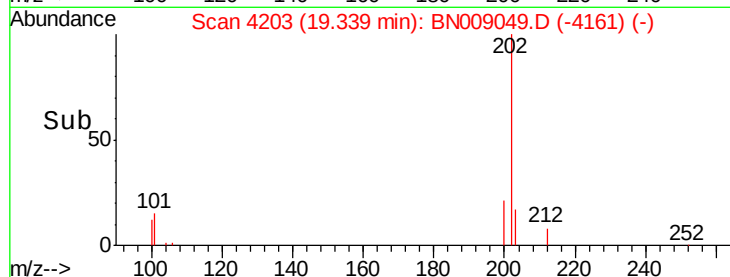
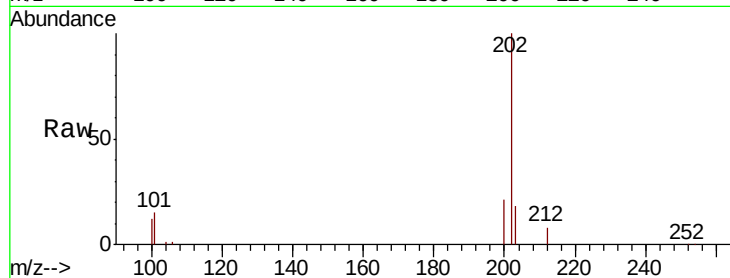
#17
Pvrene
Concen: 2.078 ng/ul
RT: 19.34 min Scan# 4203
Delta R.T. -0.00 min
Lab File: BN009049.D
Acq: 20 Dec 2019 03:12

Instrument :
BNA_N
ClientSampleId :
C0BS2

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.8	10.9	16.3
100	12.2	9.0	13.6

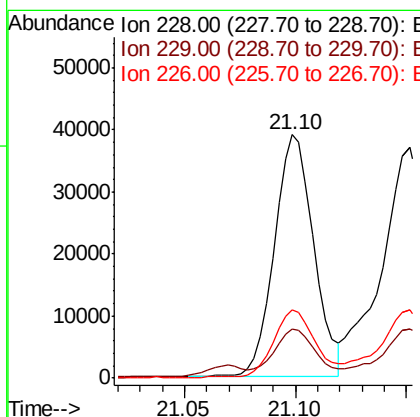
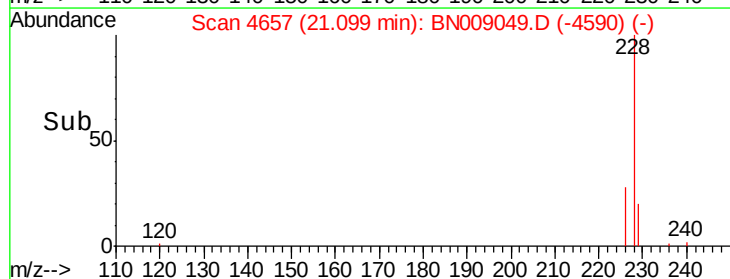
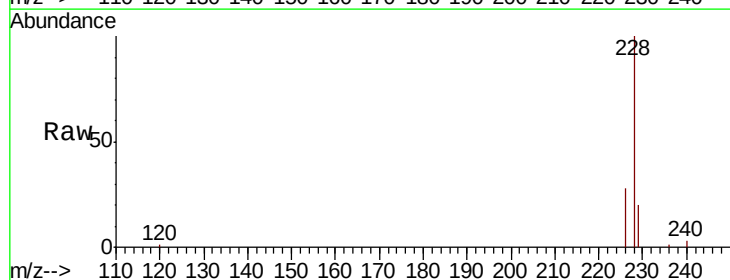
Manual Integrations
APPROVED

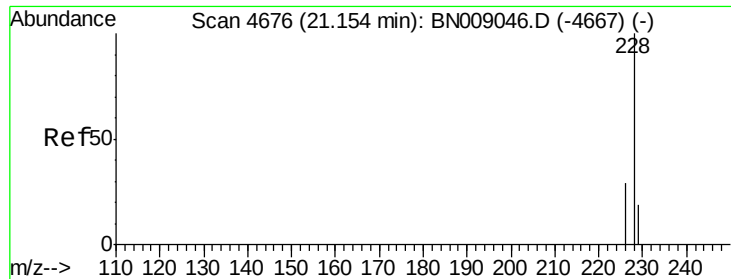
Sohil
12/20/2019 4:29:59 PM



#18
Benzo(a)anthracene
Concen: 1.063 ng/ul
RT: 21.10 min Scan# 4657
Delta R.T. -0.01 min
Lab File: BN009049.D
Acq: 20 Dec 2019 03:12

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.5	23.3
226	28.2	21.7	32.5





#19

Chrysene

Concen: 1.183 ng/ul

RT: 21.15 min Scan# 4675

Delta R.T. -0.01 min

Lab File: BN009049.D

Acq: 20 Dec 2019 03:12

Instrument :

BNA_N

ClientSampleId :

C0BS2

Tot Ion:228 Resp: 53488

Ion Ratio Lower Upper

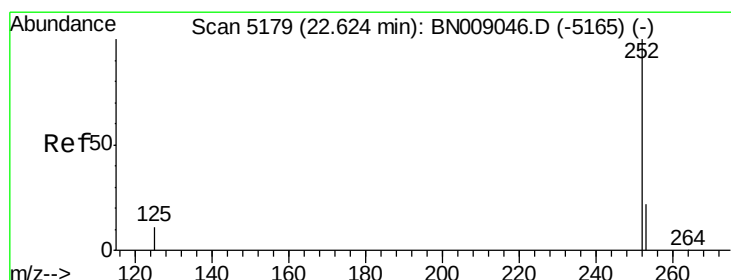
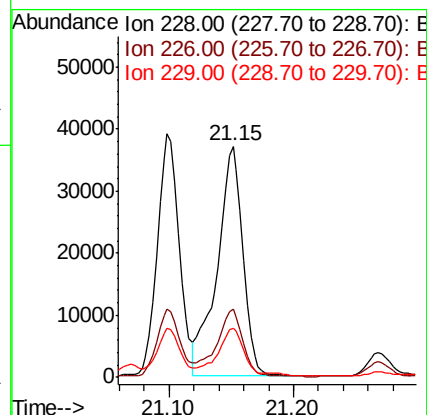
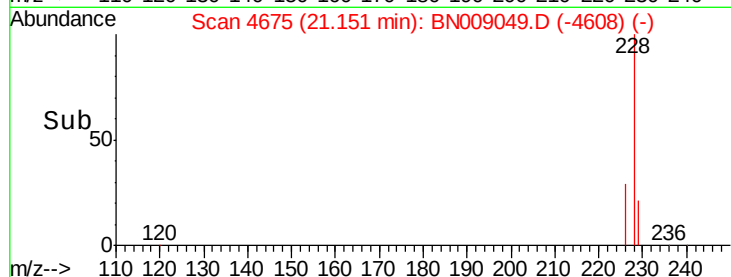
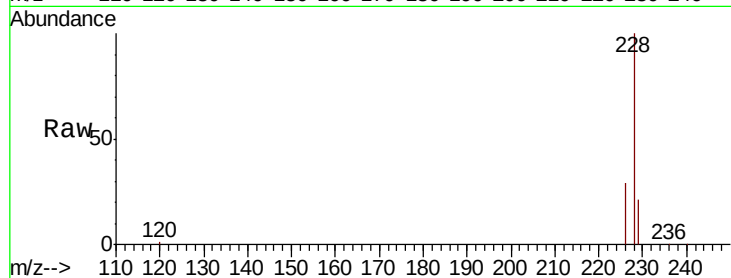
228 100

226 29.5 23.7 35.5

229 21.5 15.4 23.0

Manual Integrations
APPROVED

Sohil
12/20/2019 4:29:59 PM



#21

Benzo(b)fluoranthene

Concen: 1.607 ng/ul m

RT: 22.62 min Scan# 5179

Delta R.T. -0.00 min

Lab File: BN009049.D

Acq: 20 Dec 2019 03:12

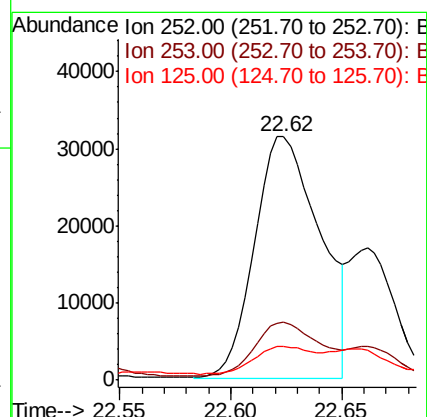
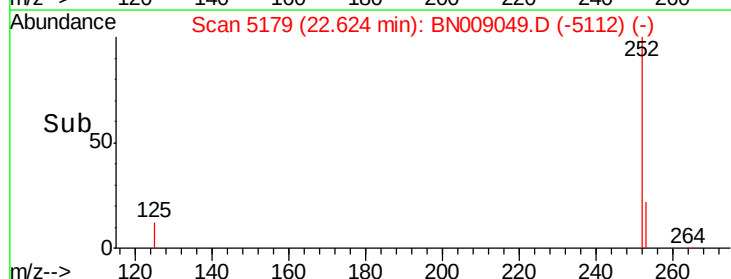
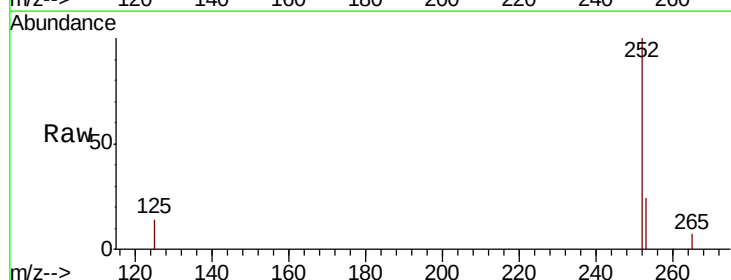
Tgt Ion:252 Resp: 64247

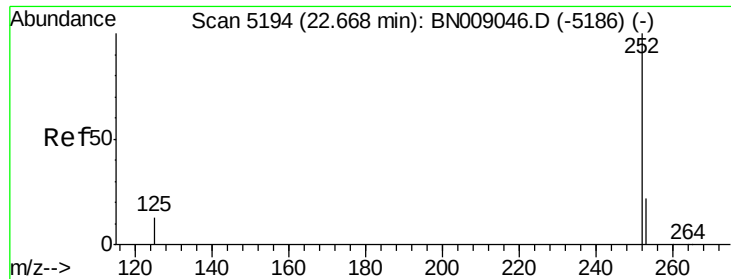
Ion Ratio Lower Upper

252 100

253 23.6 0.0 48.2

125 13.9 0.0 30.0





#22

Benzo(k)fluoranthene

Concen: 0.572 ng/ul m

RT: 22.66 min Scan# 5192

Delta R.T. -0.01 min

Lab File: BN009049.D

Acq: 20 Dec 2019 03:12

Instrument :

BNA_N

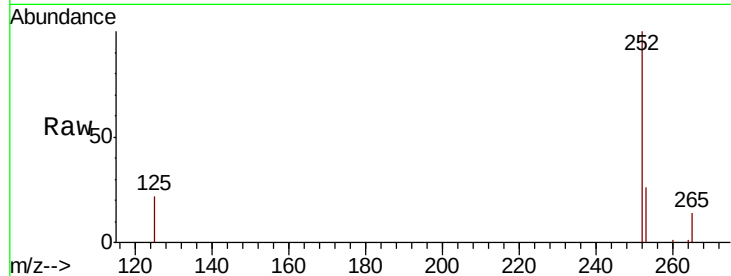
ClientSampleId :

C0BS2

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	19.4	29.0
125	22.1	12.4	18.6

Manual Integrations
APPROVED

Sohil
12/20/2019 4:29:59 PM

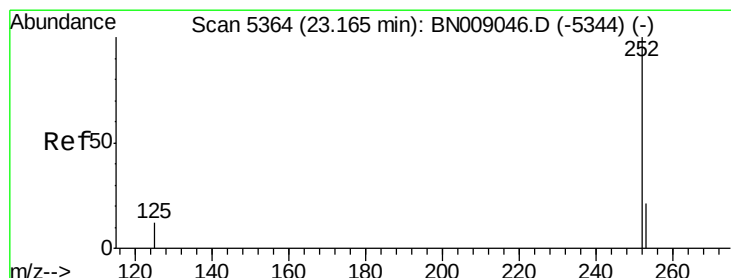
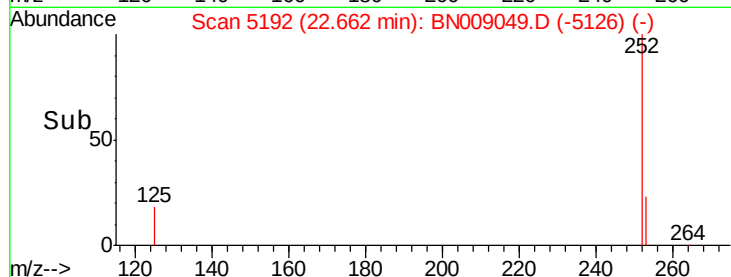
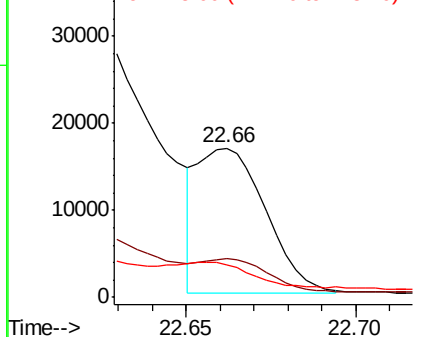


Abundance

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: 1.124 ng/ul

RT: 23.16 min Scan# 5362

Delta R.T. -0.01 min

Lab File: BN009049.D

Acq: 20 Dec 2019 03:12

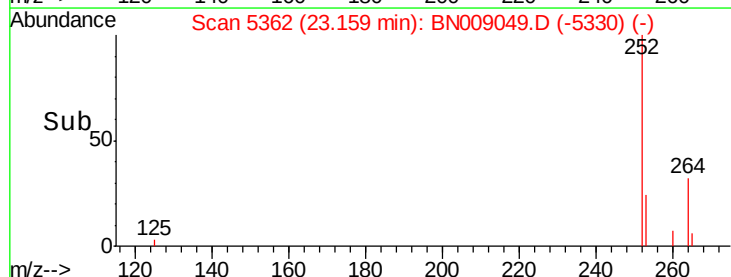
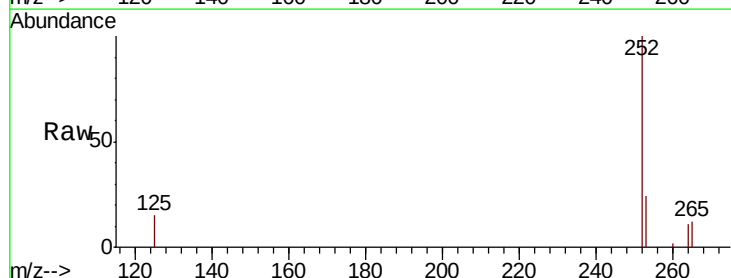
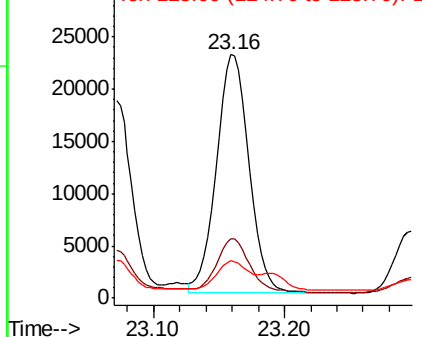
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.2	30.4
125	15.2	13.2	19.8

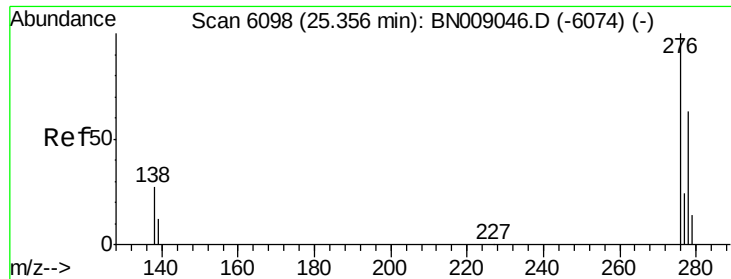
Abundance

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

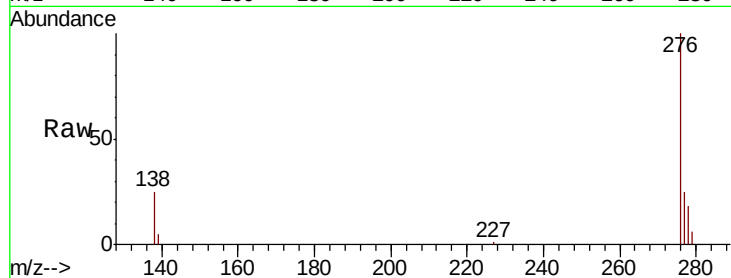
Indeno(1,2,3-cd)pyrene
Concen: 0.700 ng/ul
RT: 25.35 min Scan# 6095
Delta R.T. -0.01 min
Lab File: BN009049.D
Acq: 20 Dec 2019 03:12

Instrument :
BNA_N
ClientSampleId :
C0BS2

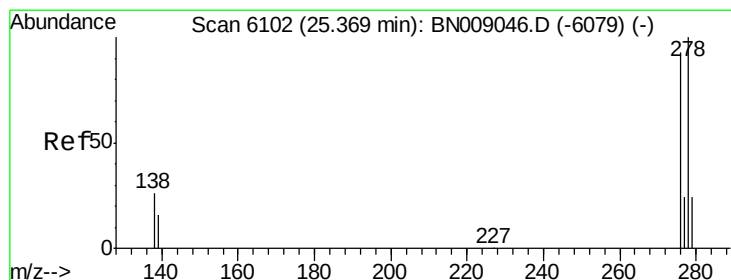
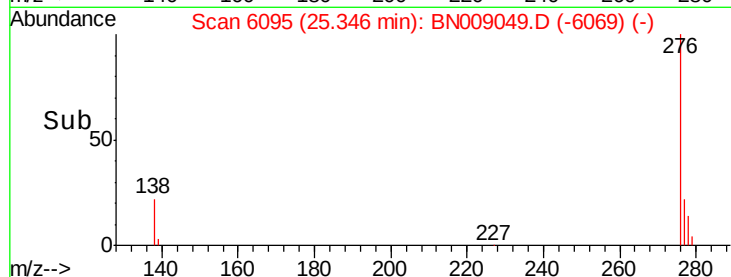
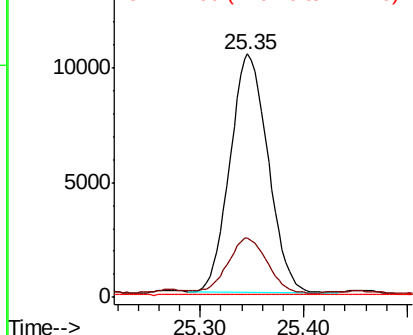
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	22.4	33.6
227	0.2	0.2	0.4

Manual Integrations
APPROVED

Sohil
12/20/2019 4:29:59 PM



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

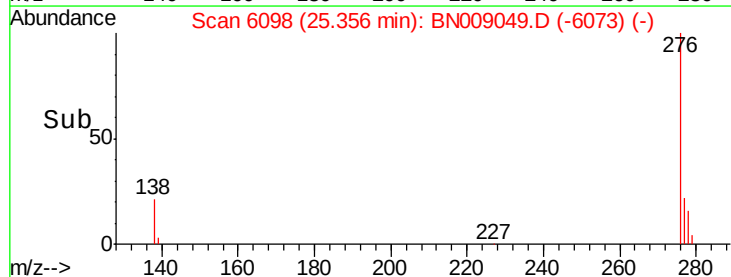
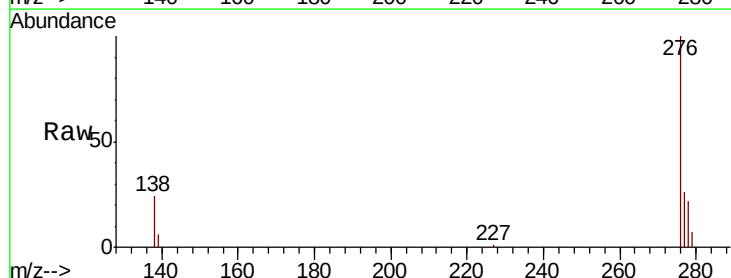
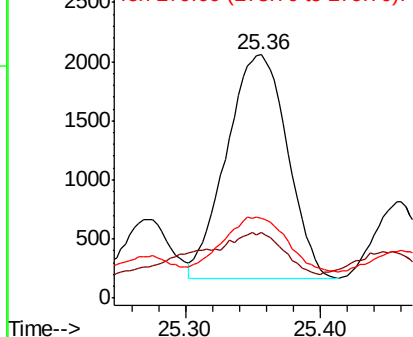


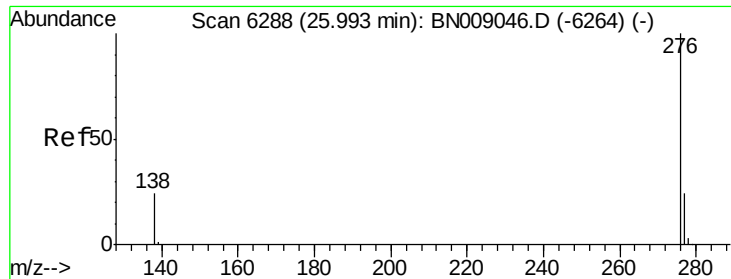
#25

Dibenzo(a,h)anthracene
Concen: 0.197 ng/ul
RT: 25.36 min Scan# 6098
Delta R.T. -0.02 min
Lab File: BN009049.D
Acq: 20 Dec 2019 03:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.0	16.2	24.2
279	32.6	20.3	30.5

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: 0.808 ng/ul
RT: 25.99 min Scan# 6286
Delta R.T. -0.01 min
Lab File: BN009049.D
Acq: 20 Dec 2019 03:12

Instrument :
BNA_N
ClientSampleId :
C0BS2

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.6	30.8
277	24.8	19.6	29.4

Manual Integrations
APPROVED

Sohil
12/20/2019 4:29:59 PM

