

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\
 Data File : BN004129.D
 Acq On : 20 Dec 2018 00:20
 Operator : JU/SJ
 Sample : J6299-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F23

Manual Integrations
 APPROVED

Sohil
 12/20/2018 2:03:43 PM

Quant Time: Dec 20 07:03:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 20 05:49:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1326	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7054	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4346	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	11344	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	12678	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	12585	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	1182	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	3933	0.12	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.19	152	6712	0.343	ng/ul	98
12) Phenanthrene	17.26	178	1869m	0.050	ng/ul	
13) Anthracene	17.35	178	6249	0.204	ng/ul	98
15) Fluoranthene	19.27	202	32386	0.737	ng/ul	97
17) Pyrene	19.63	202	33604	0.739	ng/ul	95
18) Benzo(a)anthracene	21.38	228	23146	0.578	ng/ul	97
19) Chrysene	21.43	228	22664	0.495	ng/ul	97
21) Benzo(b)fluoranthene	23.01	252	38159m	0.733	ng/ul	
22) Benzo(k)fluoranthene	23.05	252	13652m	0.269	ng/ul	
23) Benzo(a)pyrene	23.61	252	17020	0.378	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	26.07	276	14895	0.288	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.08	278	3838m	0.092	ng/ul	
26) Benzo(g,h,i)perylene	26.81	276	11382	0.253	ng/ul#	91

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

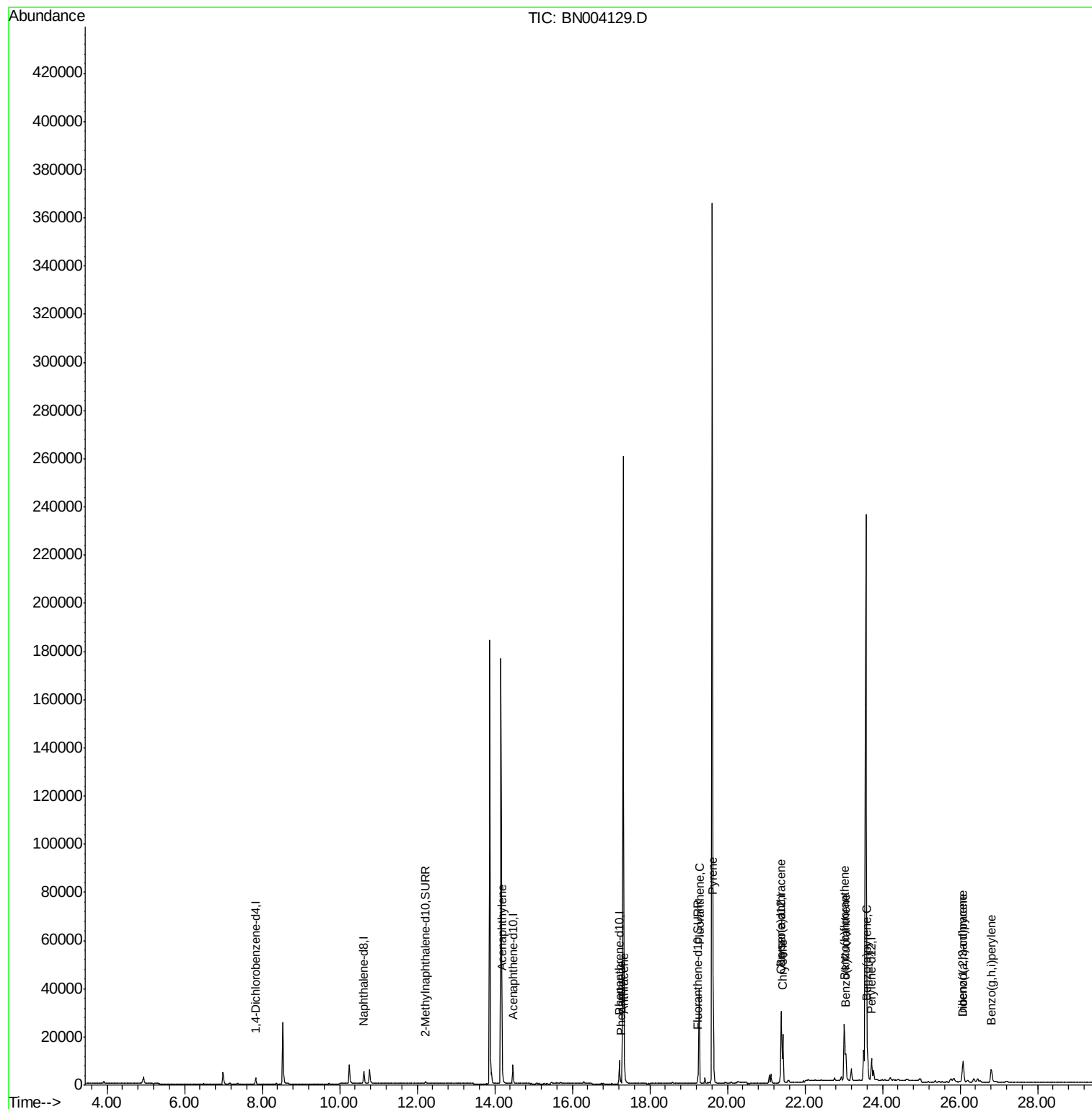
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\
Data File : BN004129.D
Acq On : 20 Dec 2018 00:20
Operator : JU/SJ
Sample : J6299-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

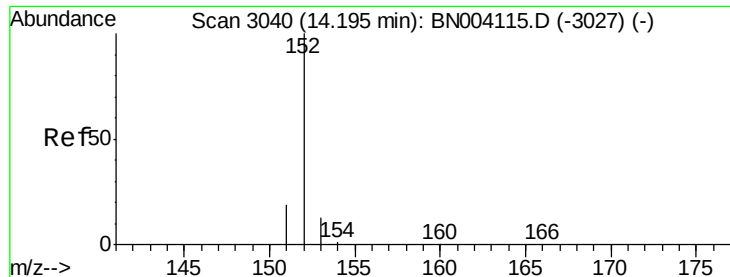
Instrument :
BNA_N
ClientSampleId :
F9F23

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:43 PM

Quant Time: Dec 20 07:03:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.343 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN004129.D

Acq: 20 Dec 2018 00:20

Instrument :

BNA_N

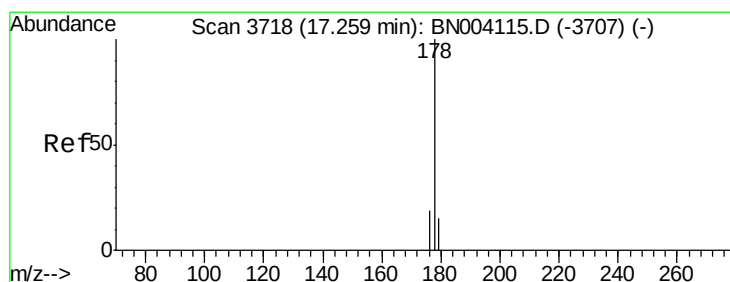
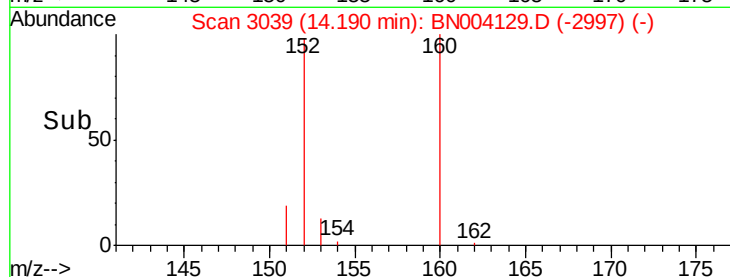
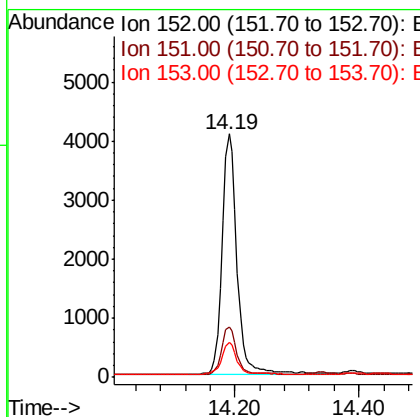
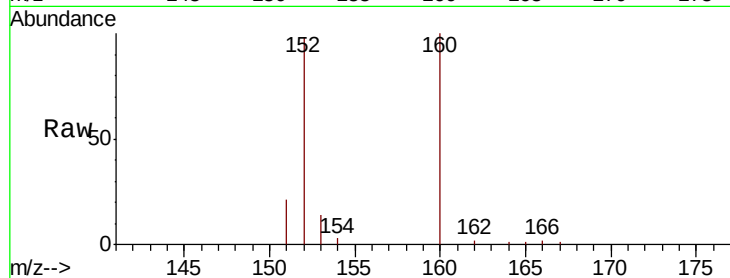
ClientSampleId :

F9F23

Tot Ion:	152	Resp:	6712
Ion Ratio	Lower	Upper	
152	100		
151	20.9	15.9	23.9
153	14.5	10.7	16.1

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:43 PM



#12

Phenanthrene

Concen: 0.050 ng/ul m

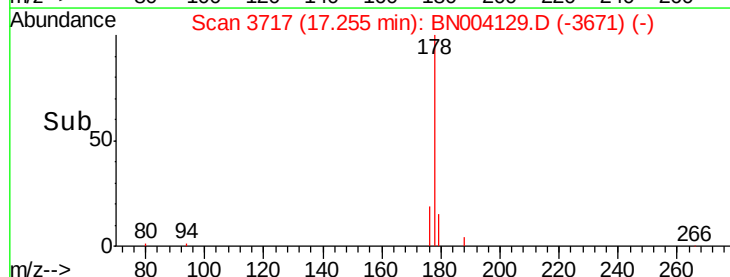
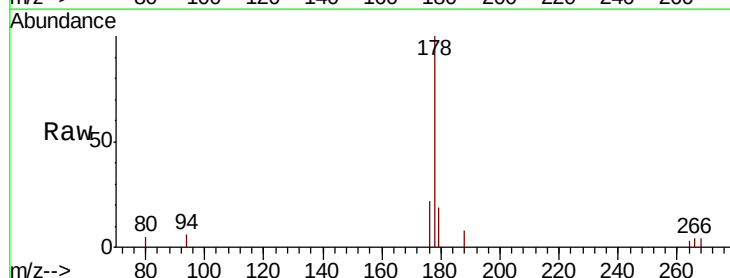
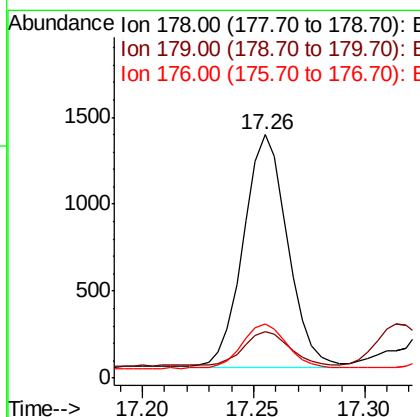
RT: 17.26 min Scan# 3717

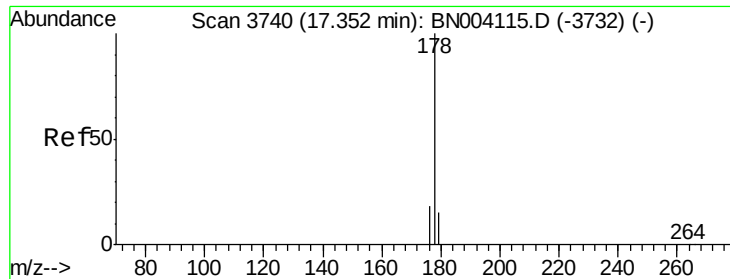
Delta R.T. -0.00 min

Lab File: BN004129.D

Acq: 20 Dec 2018 00:20

Tgt Ion:	178	Resp:	1869
Ion Ratio	Lower	Upper	
178	100		
179	19.4	12.5	18.7#
176	22.3	15.0	22.4





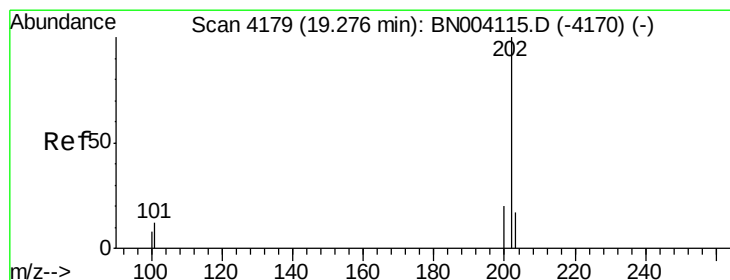
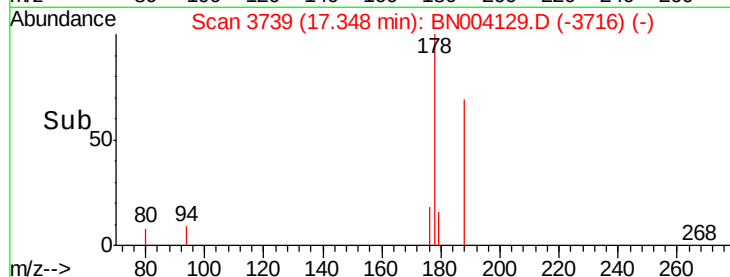
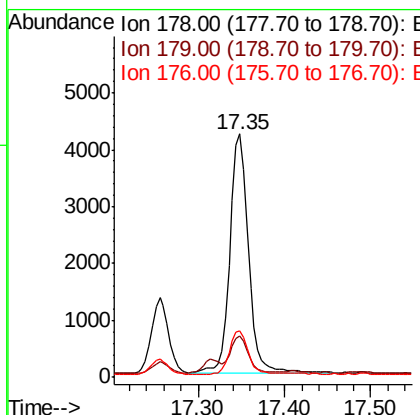
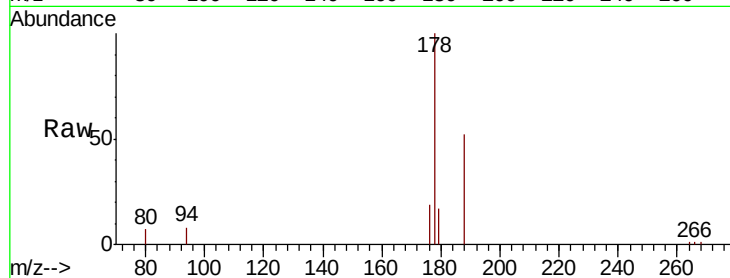
#13
 Anthracene
 Concen: 0.204 ng/ul
 RT: 17.35 min Scan# 3739
 Delta R.T. -0.00 min
 Lab File: BN004129.D
 Acq: 20 Dec 2018 00:20

Instrument :
 BNA_N
 ClientSampleId :
 F9F23

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.3	18.5
176	19.3	14.8	22.2

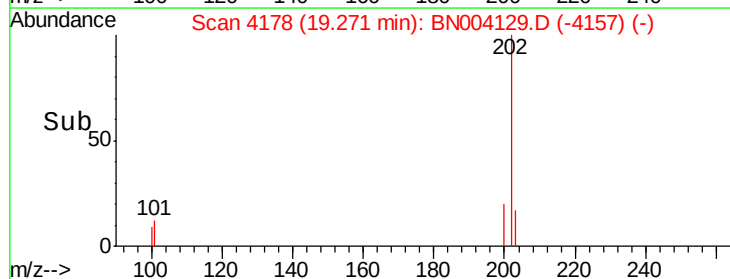
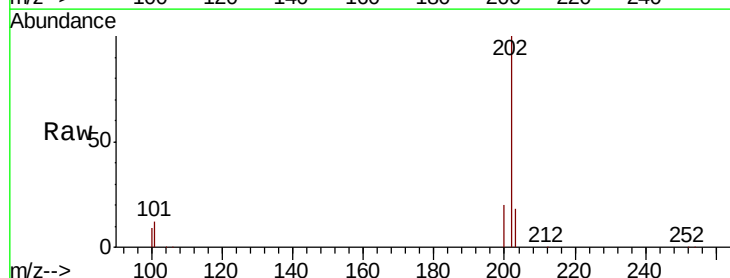
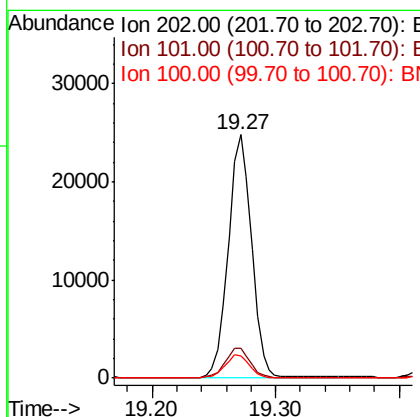
Manual Integrations
 APPROVED

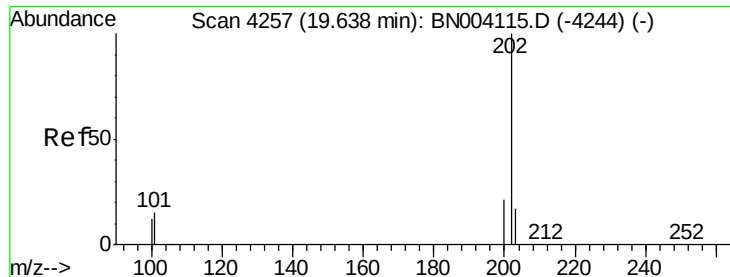
Sohil
 12/20/2018 2:03:43 PM



#15
 Fluoranthene
 Concen: 0.737 ng/ul
 RT: 19.27 min Scan# 4178
 Delta R.T. -0.00 min
 Lab File: BN004129.D
 Acq: 20 Dec 2018 00:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.7
100	9.1	0.0	28.1





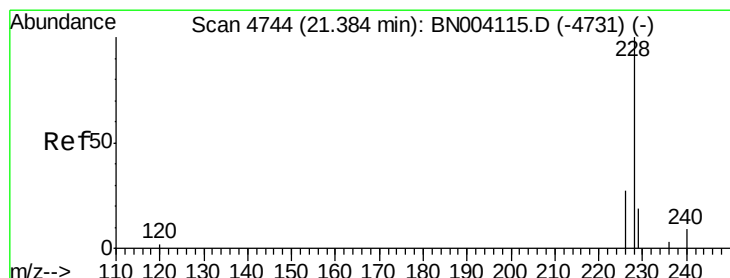
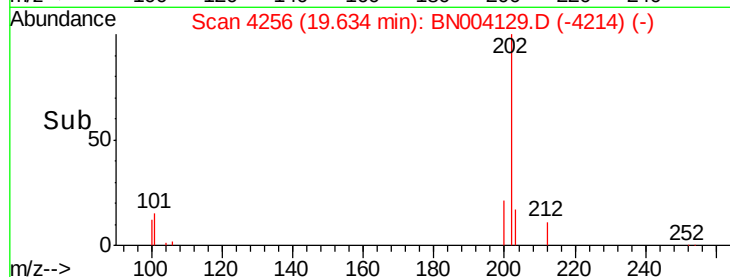
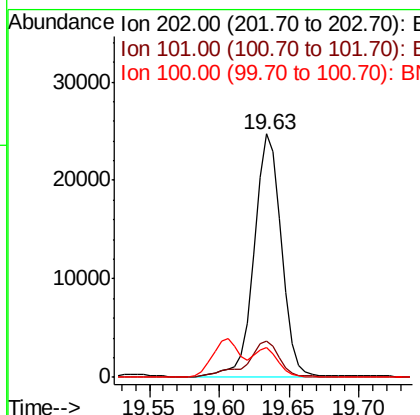
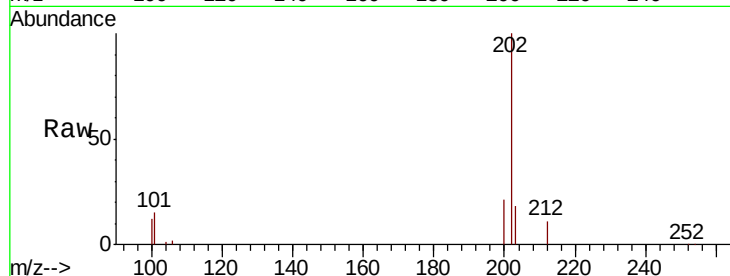
#17
Pvrene
Concen: 0.739 ng/ul
RT: 19.63 min Scan# 4256
Delta R.T. -0.00 min
Lab File: BN004129.D
Acq: 20 Dec 2018 00:20

Instrument :
BNA_N
ClientSampleId :
F9F23

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.9	10.3	15.5
100	12.1	8.5	12.7

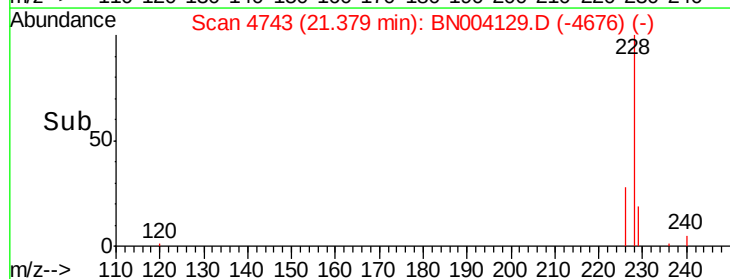
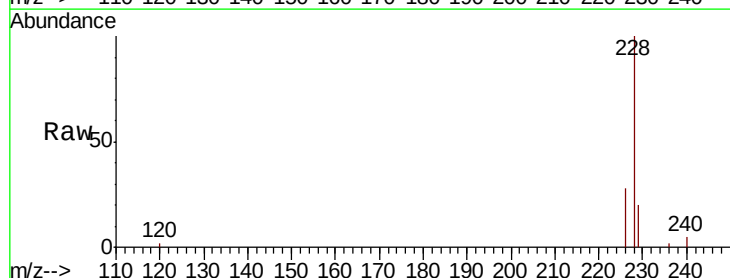
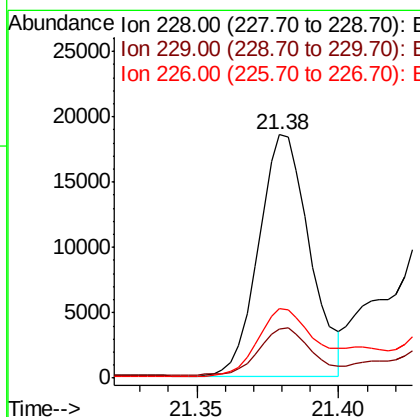
Manual Integrations
APPROVED

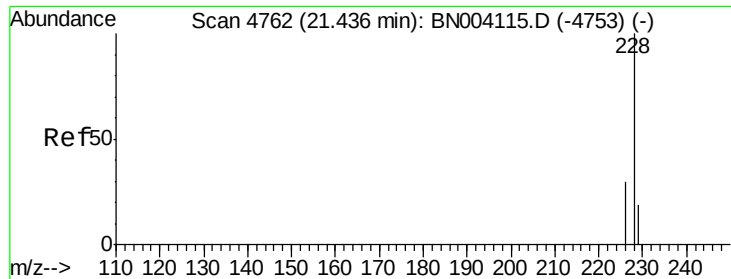
Sohil
12/20/2018 2:03:43 PM



#18
Benzo(a)anthracene
Concen: 0.578 ng/ul
RT: 21.38 min Scan# 4743
Delta R.T. -0.00 min
Lab File: BN004129.D
Acq: 20 Dec 2018 00:20

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.6	23.4
226	28.4	21.1	31.7





#19

Chrysene

Concen: 0.495 ng/ul

RT: 21.43 min Scan# 4761

Delta R.T. -0.00 min

Lab File: BN004129.D

Acq: 20 Dec 2018 00:20

Instrument :

BNA_N

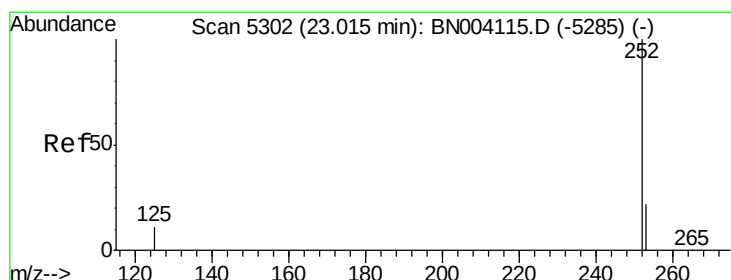
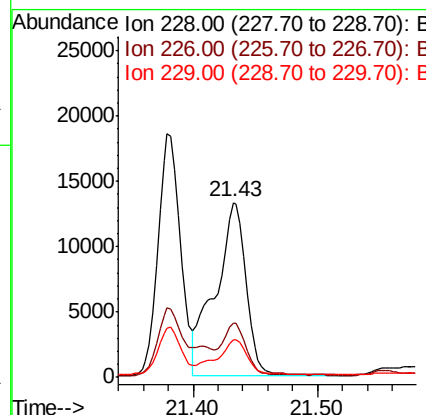
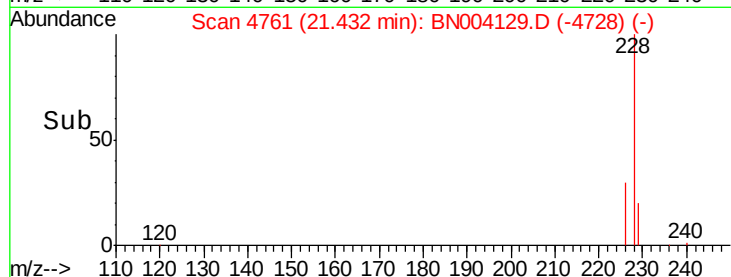
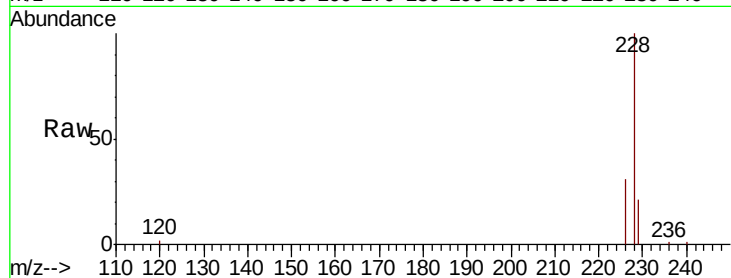
ClientSampled :

F9F23

Tot Ion:	228	Resp:	22664
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.0	36.0
229	21.4	15.7	23.5

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:43 PM



#21

Benzo(b)fluoranthene

Concen: 0.733 ng/ul m

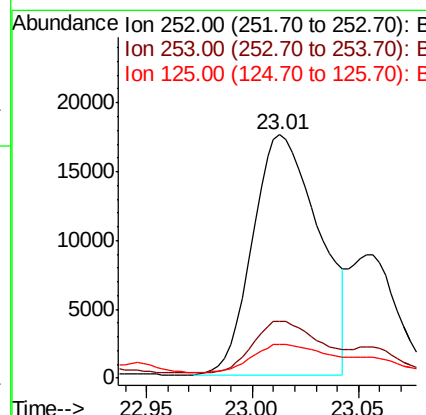
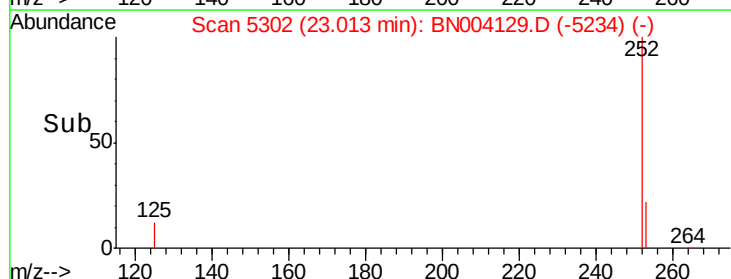
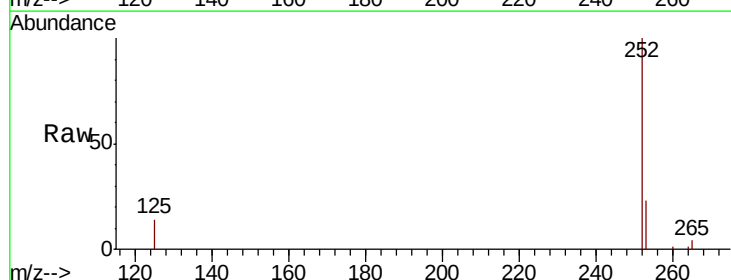
RT: 23.01 min Scan# 5302

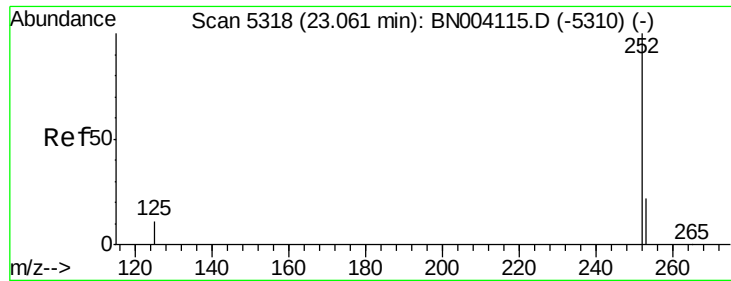
Delta R.T. -0.00 min

Lab File: BN004129.D

Acq: 20 Dec 2018 00:20

Tgt Ion:	252	Resp:	38159
Ion Ratio	Lower	Upper	
252	100		
253	23.4	0.0	46.0
125	13.8	0.0	22.4





#22

Benzo(k)fluoranthene

Concen: 0.269 ng/ul m

RT: 23.05 min Scan# 5316

Delta R.T. -0.01 min

Lab File: BN004129.D

Acq: 20 Dec 2018 00:20

Instrument :

BNA_N

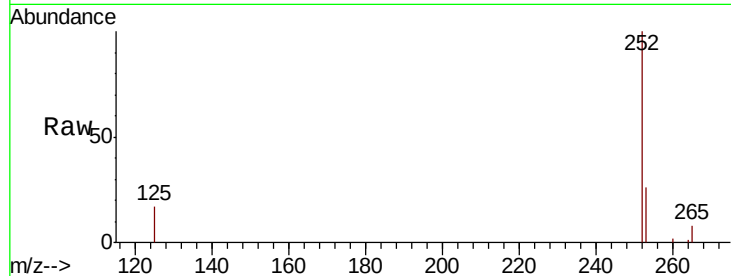
ClientSampleId :

F9F23

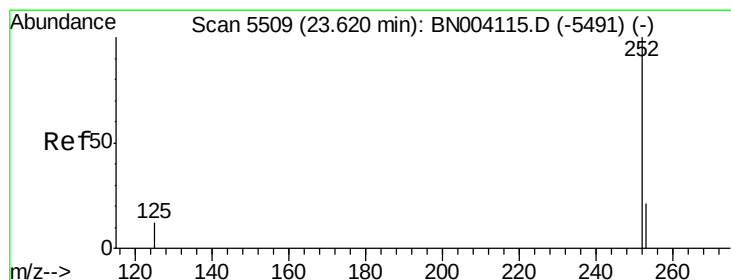
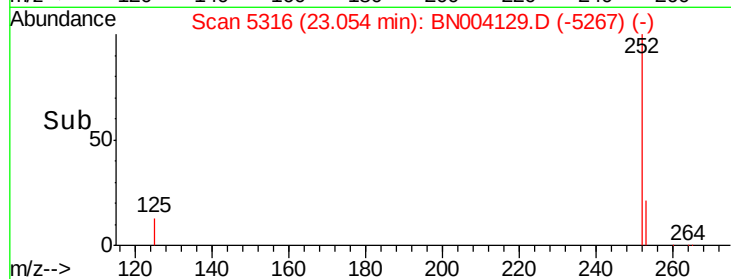
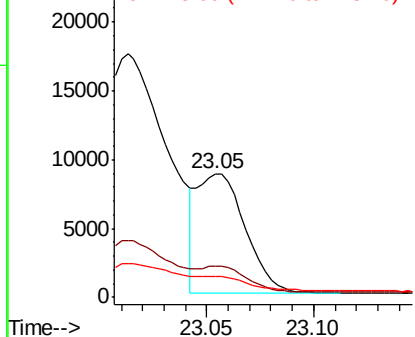
Tot Ion:	252	Resp:	13652
Ion Ratio	Lower	Upper	
252	100		
253	25.6	18.5	27.7
125	17.2	9.0	13.6#

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:43 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: 0.378 ng/ul

RT: 23.61 min Scan# 5507

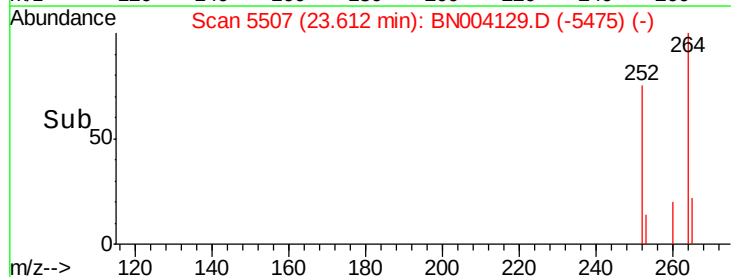
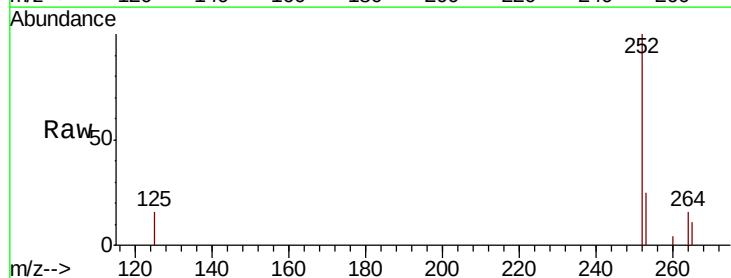
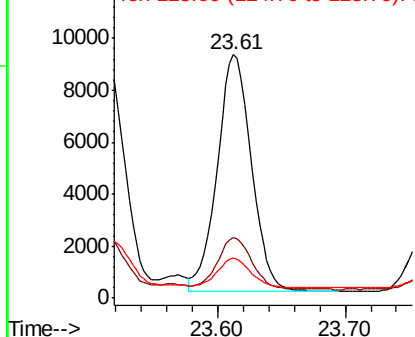
Delta R.T. -0.01 min

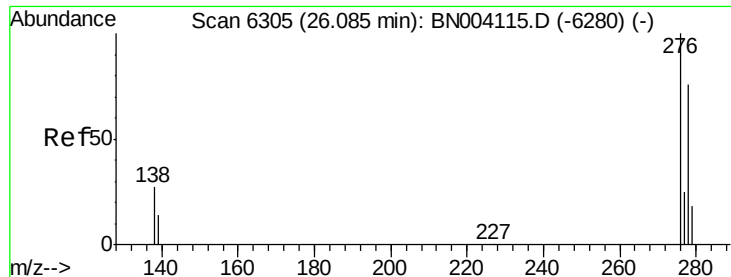
Lab File: BN004129.D

Acq: 20 Dec 2018 00:20

Tgt Ion:	252	Resp:	17020
Ion Ratio	Lower	Upper	
252	100		
253	25.1	19.0	28.4
125	16.2	10.2	15.4#

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





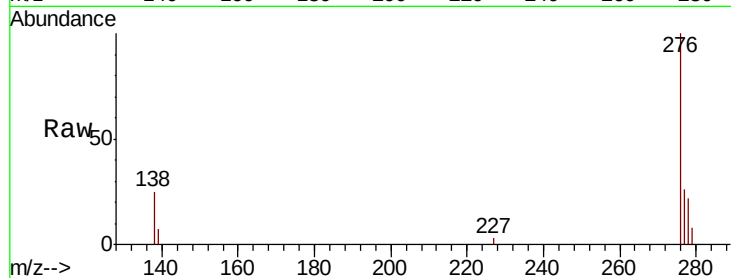
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.288 ng/ul
RT: 26.07 min Scan# 6302
Delta R.T. -0.01 min
Lab File: BN004129.D
Acq: 20 Dec 2018 00:20

Instrument :
BNA_N
ClientSampleId :
F9F23

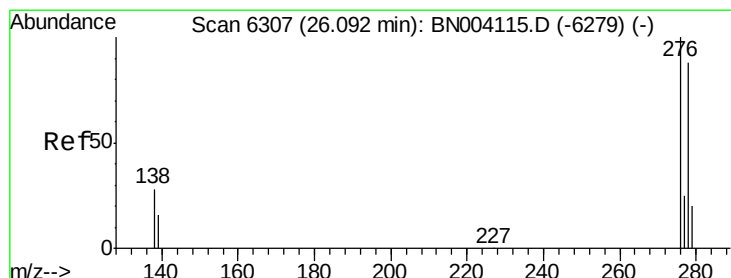
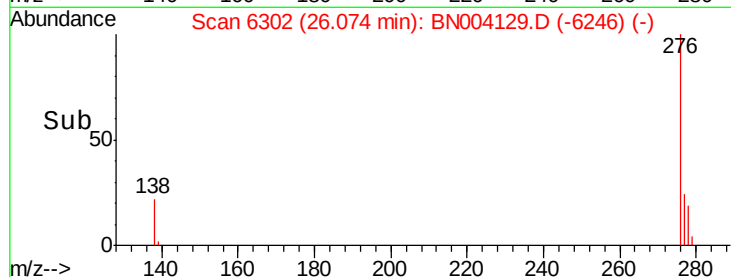
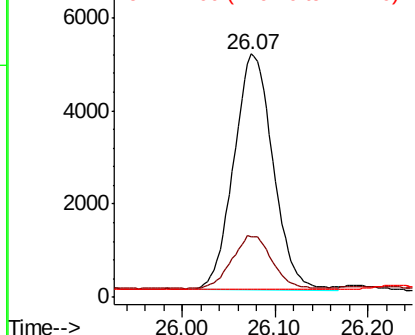
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	20.3	30.5
227	0.1	0.2	0.2#

Manual Integrations
APPROVED

Sohil
12/20/2018 2:03:43 PM



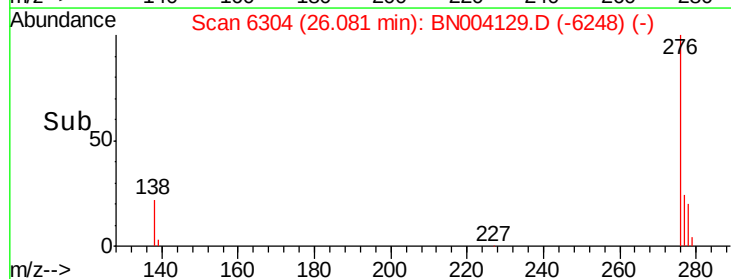
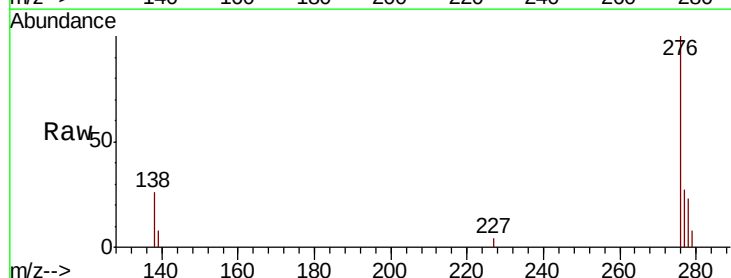
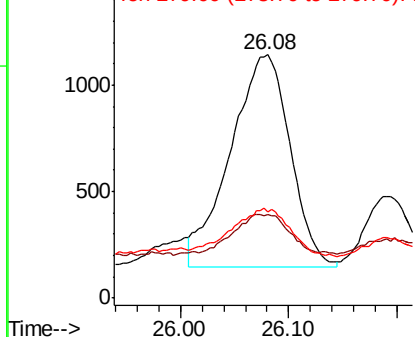
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

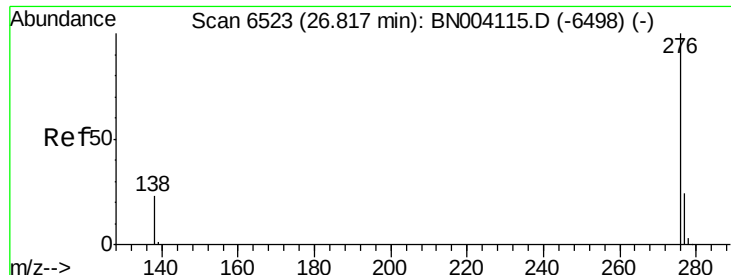


#25
Dibenzo(a,h)anthracene
Concen: 0.092 ng/ul m
RT: 26.08 min Scan# 6304
Delta R.T. -0.01 min
Lab File: BN004129.D
Acq: 20 Dec 2018 00:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.2	14.2	21.4#
279	35.6	19.8	29.6#

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: 0.253 ng/ul
 RT: 26.81 min Scan# 6520
 Delta R.T. -0.01 min
 Lab File: BN004129.D
 Acq: 20 Dec 2018 00:20

Instrument :
 BNA_N
 ClientSampleId :
 F9F23

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.7	17.7	26.5#
277	27.3	19.3	28.9

Manual Integrations
 APPROVED

Sohil
 12/20/2018 2:03:43 PM

