

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
 Data File : BN006830.D
 Acq On : 12 Jul 2019 12:50
 Operator : HP/JU
 Sample : K3717-14
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF499

Manual Integrations
 APPROVED

mohammad
 7/12/2019 10:28:29 PM

Quant Time: Jul 12 15:27:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 06:39:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2530	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9368	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.24	164	4966	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	11017m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	9028m	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	8543m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	3444	0.24	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	9021m	0.28	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	148870	5.535	ng/ul	99
5) 2-Methylnaphthalene	12.03	142	6984	0.384	ng/ul	98
8) Acenaphthene	14.30	153	8394	0.425	ng/ul	100
9) Fluorene	15.30	166	2342	0.108	ng/ul#	98
12) Phenanthrene	17.04	178	8818	0.249	ng/ul	98
15) Fluoranthene	19.08	202	5720m	0.131	ng/ul	
17) Pyrene	19.44	202	4198	0.102	ng/ul#	84
18) Benzo(a)anthracene	21.22	228	881	0.024	ng/ul#	68
19) Chrysene	21.27	228	1761	0.043	ng/ul#	80
21) Benzo(b)fluoranthene	22.80	252	3459m	0.099	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	1229m	0.034	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.70	276	1920m	0.055	ng/ul	
26) Benzo(g,h,i)perylene	26.37	276	3244m	0.112	ng/ul	

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

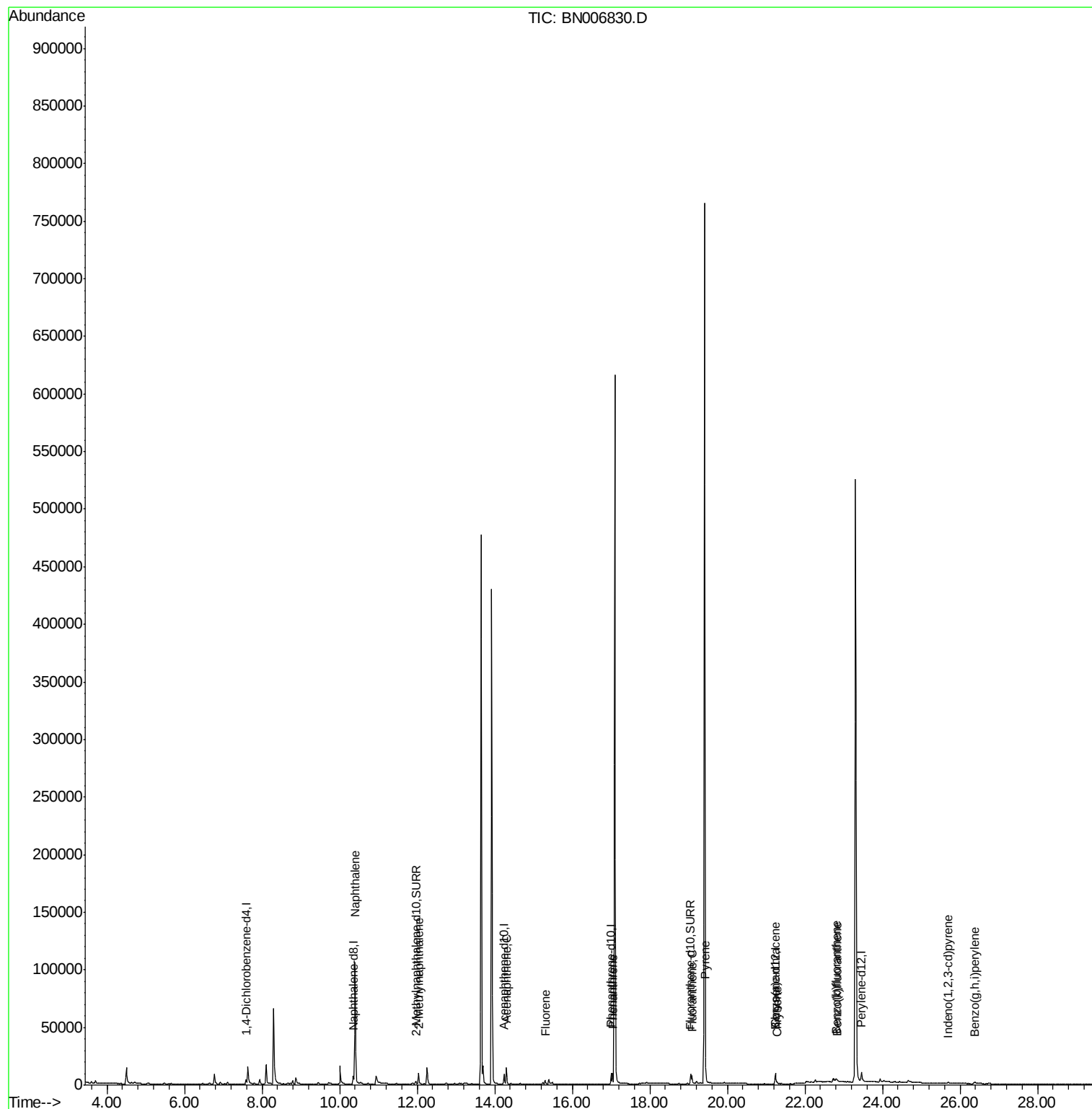
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006830.D
Acq On : 12 Jul 2019 12:50
Operator : HP/JU
Sample : K3717-14
Misc :
ALS Vial : 42 Sample Multiplier: 1

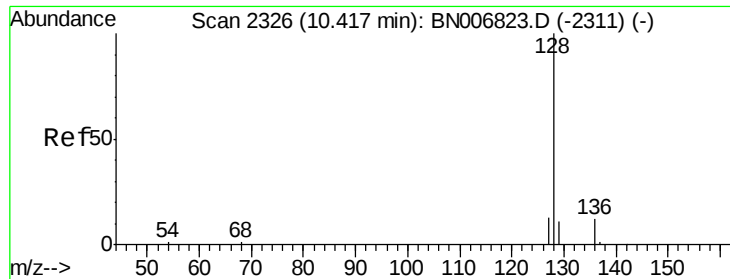
Instrument :
BNA_N
ClientSampleId :
BF499

Manual Integrations
APPROVED

mohammad
7/12/2019 10:28:29 PM

Quant Time: Jul 12 15:27:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 5.535 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BN006830.D

Acq: 12 Jul 2019 12:50

Instrument :

BNA_N

ClientSampleId :

BF499

Tot Ion:128 Resp: 148870

Ion Ratio Lower Upper

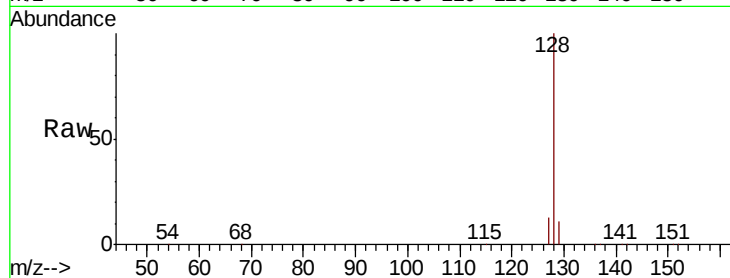
128 100

129 10.9 9.4 14.0

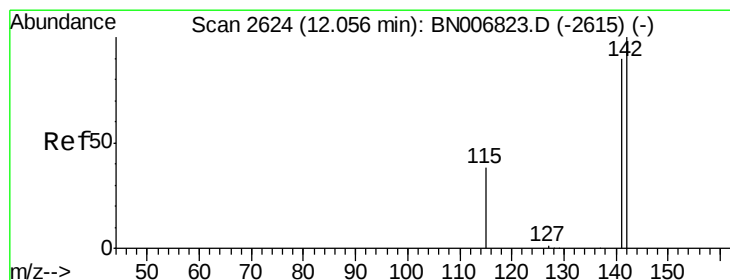
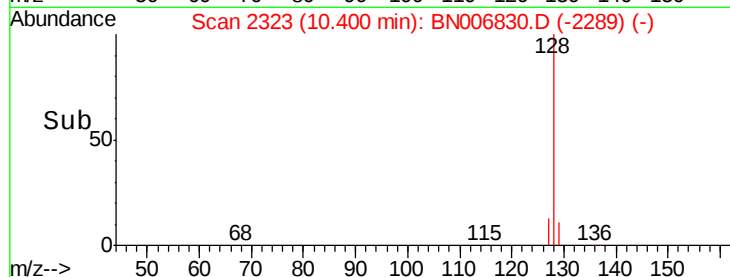
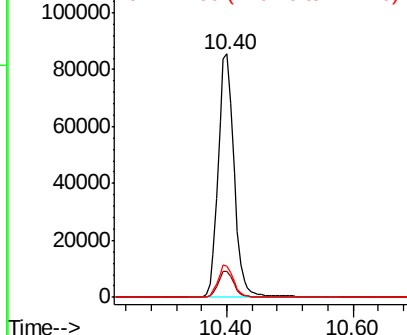
127 13.0 10.6 16.0

Manual Integrations
APPROVED

mohammad
7/12/2019 10:28:29 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: 0.384 ng/ul

RT: 12.03 min Scan# 2620

Delta R.T. -0.01 min

Lab File: BN006830.D

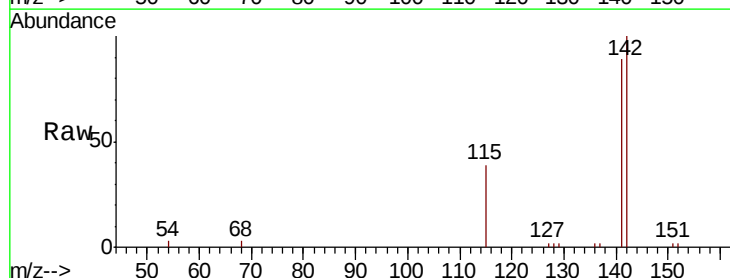
Acq: 12 Jul 2019 12:50

Tgt Ion:142 Resp: 6984

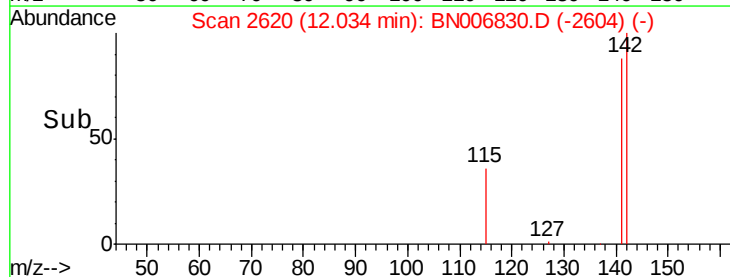
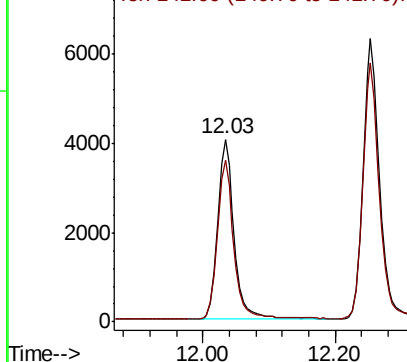
Ion Ratio Lower Upper

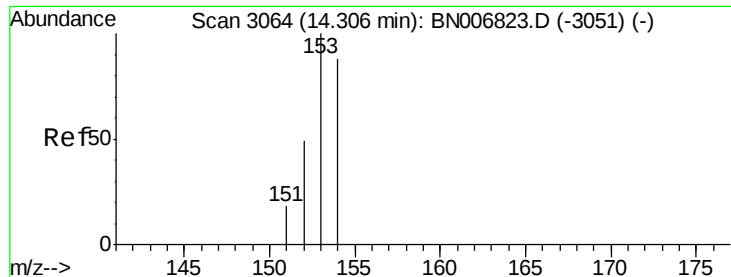
142 100

141 88.2 71.8 107.6



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





#8

Acenaphthene

Concen: 0.425 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN006830.D

Acq: 12 Jul 2019 12:50

Instrument :

BNA_N

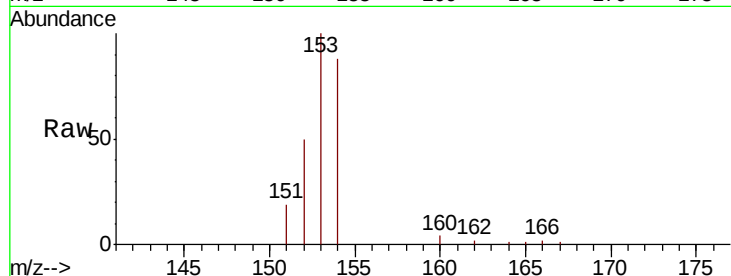
ClientSampleId :

BF499

Tot Ion:	153	Resp:	8394
Ion	Ratio	Lower	Upper
153	100		
152	49.6	39.3	58.9
154	88.4	70.6	105.8

Manual Integrations
APPROVED

mohammad
7/12/2019 10:28:29 PM

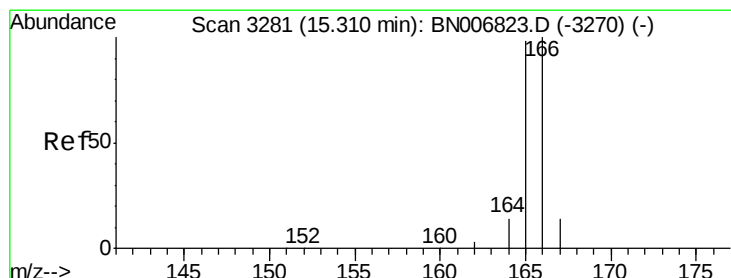
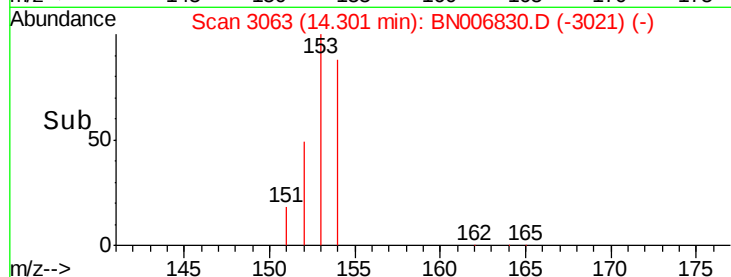
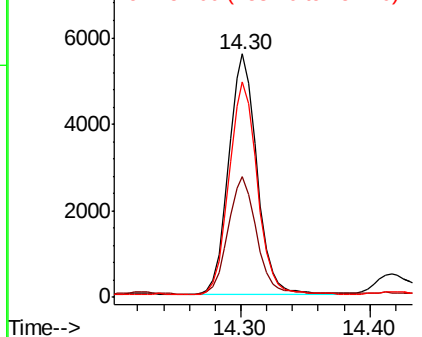


Abundance

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: 0.108 ng/ul

RT: 15.30 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BN006830.D

Acq: 12 Jul 2019 12:50

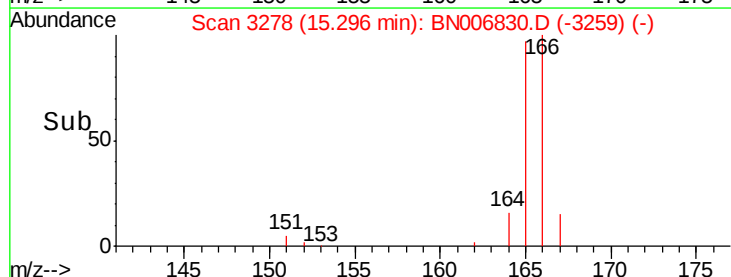
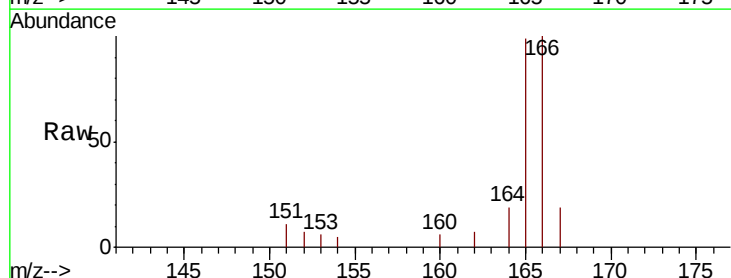
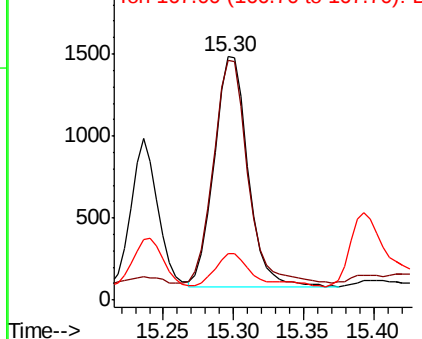
Tgt Ion:	166	Resp:	2342
Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.2	117.4
167	19.3	11.3	16.9#

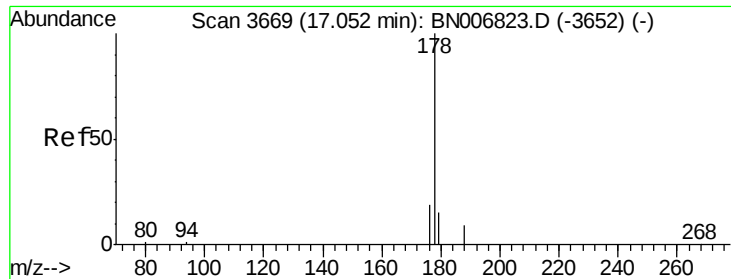
Abundance

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





#12

Phenanthrene

Concen: 0.249 ng/ul

RT: 17.04 min Scan# 3666

Delta R.T. -0.01 min

Lab File: BN006830.D

Acq: 12 Jul 2019 12:50

Instrument :

BNA_N

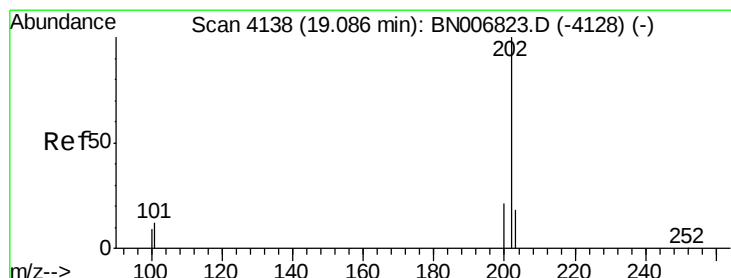
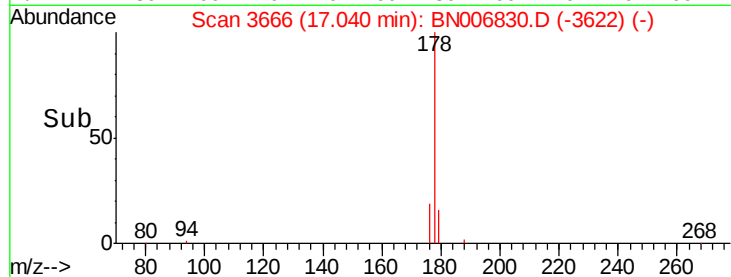
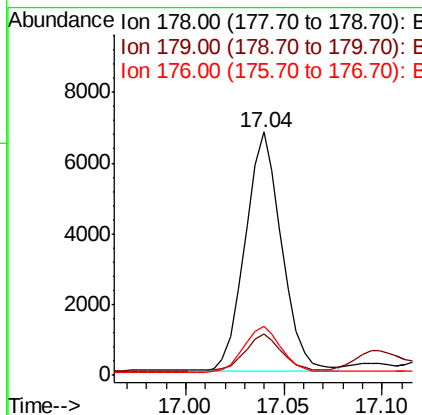
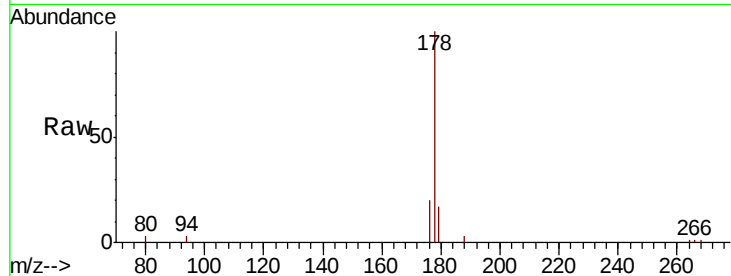
ClientSampleId :

BF499

Tot Ion:	178	Resp:	8818
Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.6	19.0
176	20.3	15.8	23.8

Manual Integrations
APPROVED

mohammad
7/12/2019 10:28:29 PM



#15

Fluoranthene

Concen: 0.131 ng/ul m

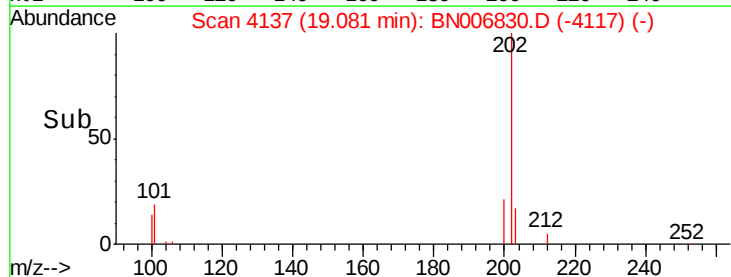
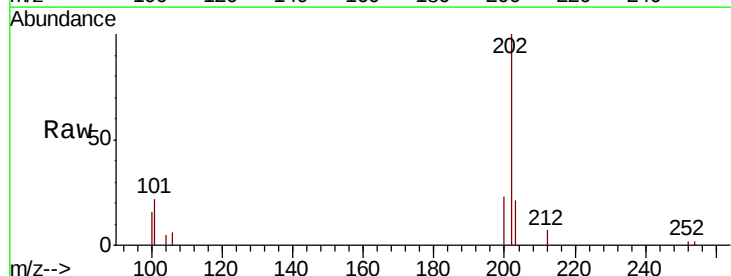
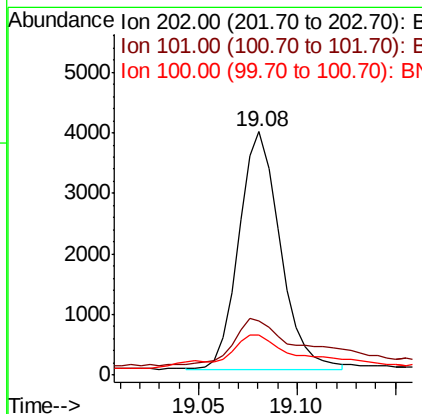
RT: 19.08 min Scan# 4137

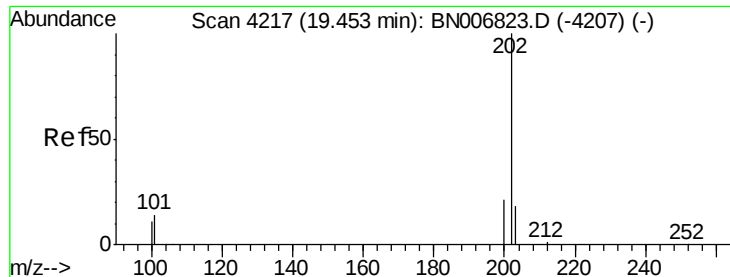
Delta R.T. -0.00 min

Lab File: BN006830.D

Acq: 12 Jul 2019 12:50

Tgt Ion:	202	Resp:	5720
Ion	Ratio	Lower	Upper
202	100		
101	22.4	0.0	33.2
100	16.3	0.0	29.9





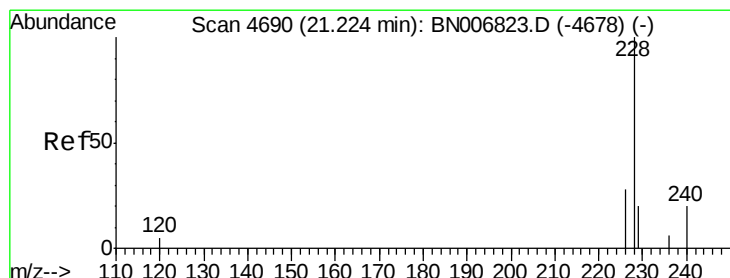
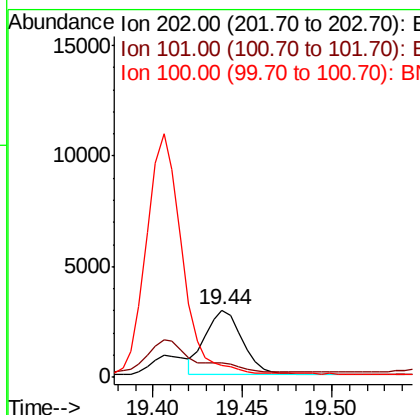
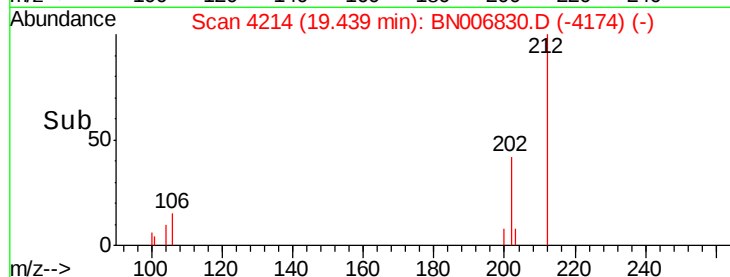
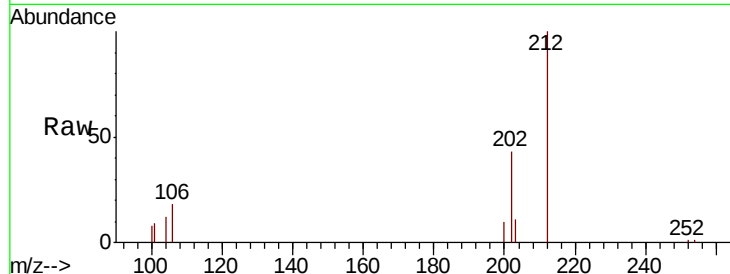
#17
Pvrene
Concen: 0.102 ng/ul
RT: 19.44 min Scan# 4214
Delta R.T. -0.01 min
Lab File: BN006830.D
Acq: 12 Jul 2019 12:50

Instrument :
BNA_N
ClientSampleId :
BF499

Tot Ion	Ratio	Lower	Upper
202	100		
101	21.8	12.2	18.2#
100	18.4	9.8	14.8#

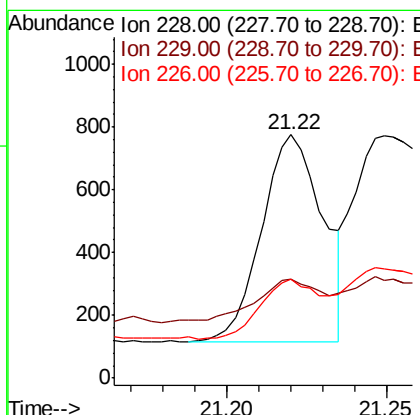
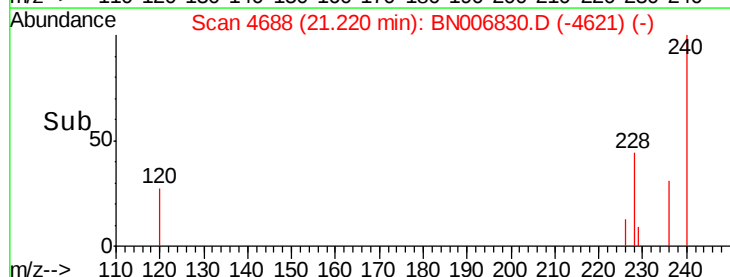
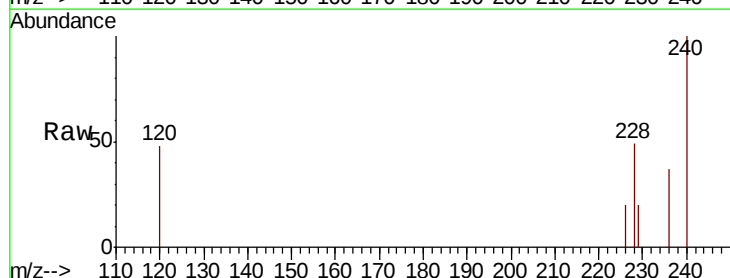
Manual Integrations
APPROVED

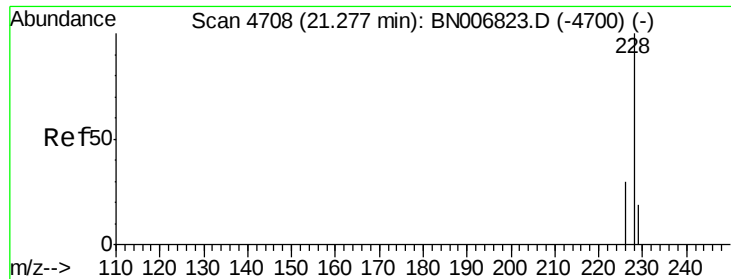
mohammad
7/12/2019 10:28:29 PM



#18
Benzo(a)anthracene
Concen: 0.024 ng/ul
RT: 21.22 min Scan# 4688
Delta R.T. -0.00 min
Lab File: BN006830.D
Acq: 12 Jul 2019 12:50

Tgt Ion	Ratio	Lower	Upper
228	100		
229	40.7	15.9	23.9#
226	40.5	22.6	34.0#





#19

Chrysene

Concen: 0.043 ng/ul

RT: 21.27 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN006830.D

Acq: 12 Jul 2019 12:50

Instrument :

BNA_N

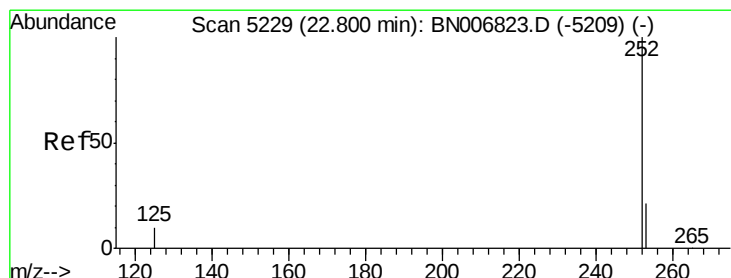
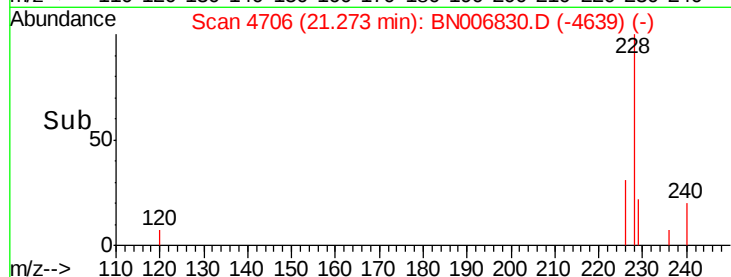
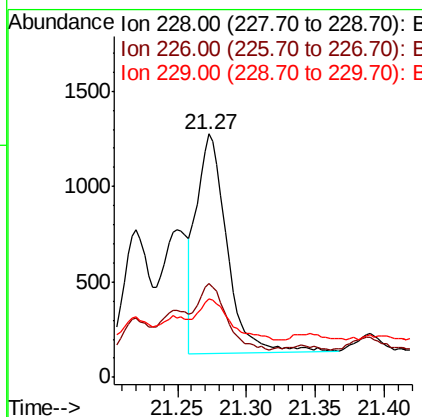
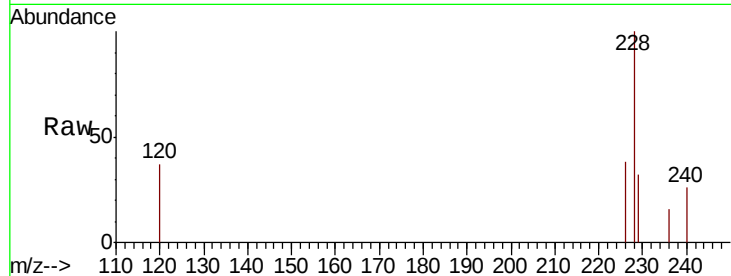
ClientSampleId :

BF499

Tot Ion:	228	Resp:	1761
Ion Ratio	Lower	Upper	
228	100		
226	38.3	24.2	36.4#
229	32.4	15.5	23.3#

Manual Integrations
APPROVED

mohammad
7/12/2019 10:28:29 PM



#21

Benzo(b)fluoranthene

Concen: 0.099 ng/ul m

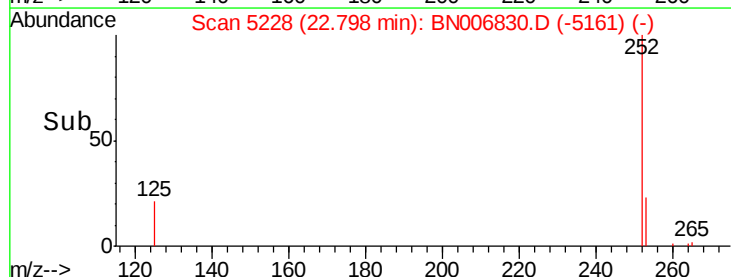
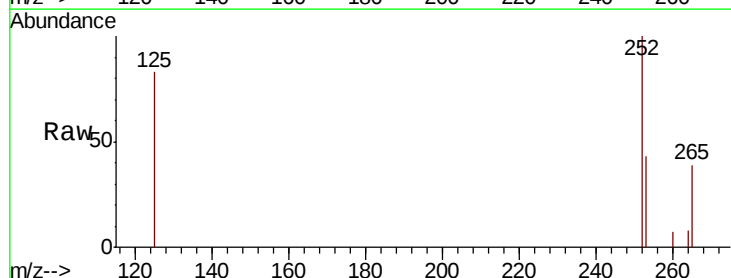
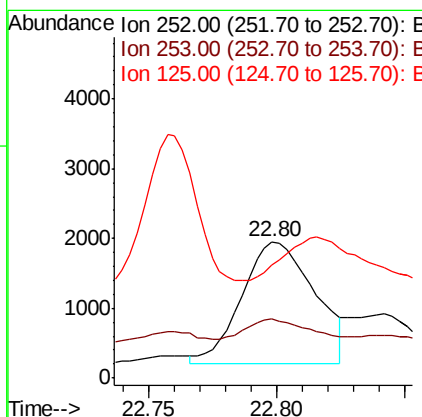
RT: 22.80 min Scan# 5228

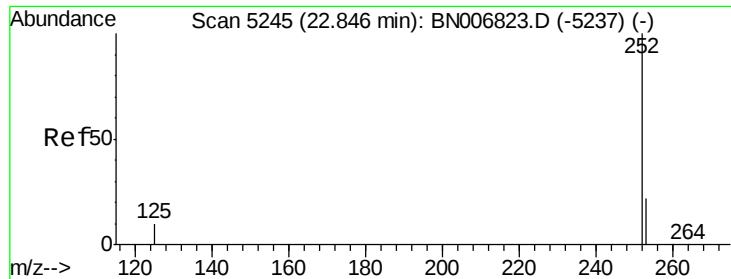
Delta R.T. -0.00 min

Lab File: BN006830.D

Acq: 12 Jul 2019 12:50

Tgt Ion:	252	Resp:	3459
Ion Ratio	Lower	Upper	
252	100		
253	43.1	0.0	47.8
125	82.7	0.0	29.2#





#22

Benzo(k)fluoranthene

Concen: 0.034 ng/ul m

RT: 22.84 min Scan# 5243

Delta R.T. -0.00 min

Lab File: BN006830.D

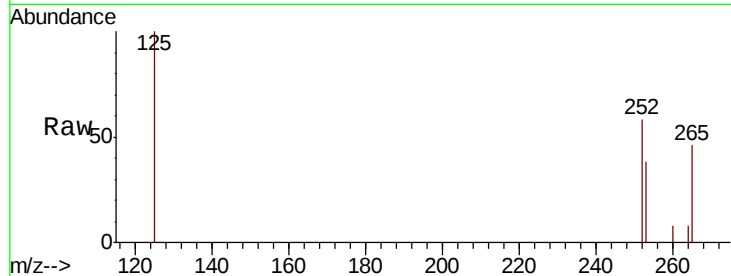
Acq: 12 Jul 2019 12:50

Instrument :

BNA_N

ClientSampleId :

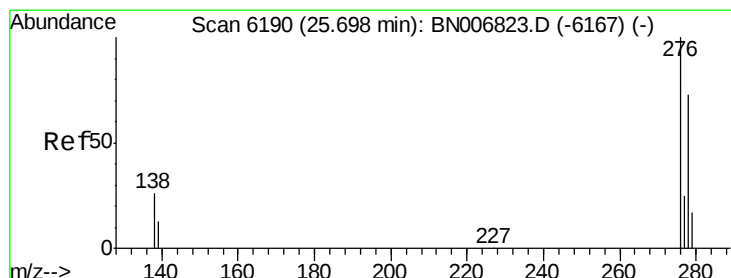
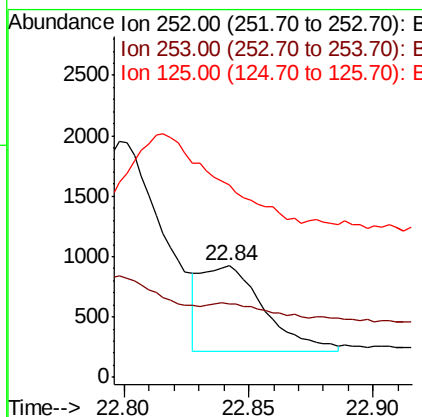
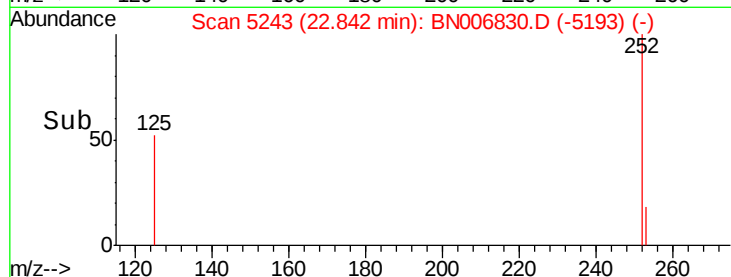
BF499



Tot Ion:	252	Resp:	1229
Ion Ratio	Lower	Upper	
252	100		
253	66.3	19.2	28.8#
125	172.4	11.0	16.6#

Manual Integrations
APPROVED

mohammad
7/12/2019 10:28:29 PM



#24

Indeno(1,2,3-cd)pyrene

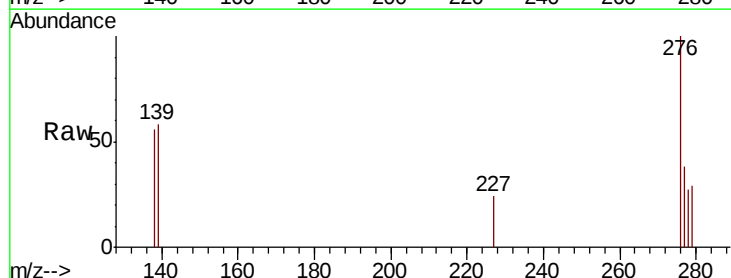
Concen: 0.055 ng/ul m

RT: 25.70 min Scan# 6189

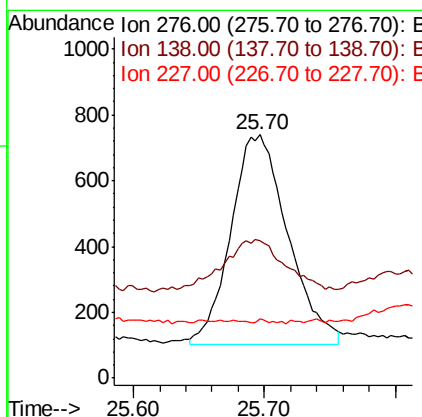
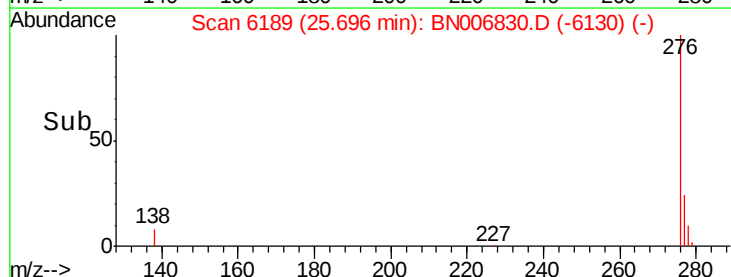
Delta R.T. -0.00 min

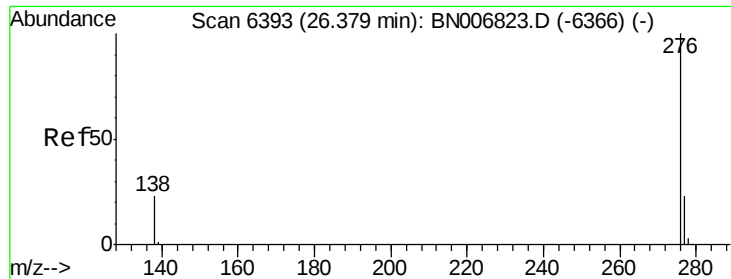
Lab File: BN006830.D

Acq: 12 Jul 2019 12:50



Tgt Ion:	276	Resp:	1920
Ion Ratio	Lower	Upper	
276	100		
138	0.8	24.3	36.5#
227	1.7	0.2	0.4#





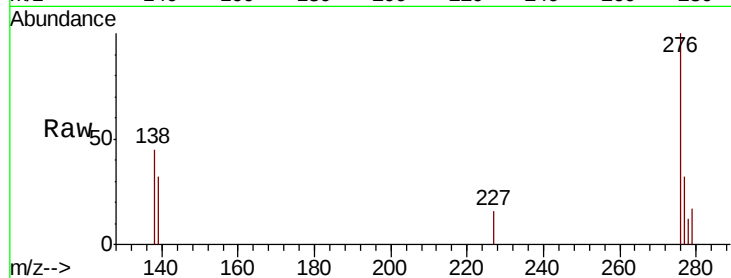
#26
Benzo(a,h,i)perylene
Concen: 0.112 ng/ul m
RT: 26.37 min Scan# 6390
Delta R.T. -0.01 min
Lab File: BN006830.D
Acq: 12 Jul 2019 12:50

Instrument :
BNA_N
ClientSampleId :
BF499

Tot Ion	Ratio	Lower	Upper
276	100		
138	45.0	22.2	33.2#
277	32.0	19.5	29.3#

Manual Integrations
APPROVED

mohammad
7/12/2019 10:28:29 PM



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

