

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008425.D
 Acq On : 25 Oct 2019 14:03
 Operator : JU
 Sample : K5236-17
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPN0

Manual Integrations
 APPROVED

mohammad
 10/25/2019 9:28:59 PM

Quant Time: Oct 25 14:45:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 25 13:14:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1797	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	9157	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	5926	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	13084	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11612	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	10599	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	2228	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	6991	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	9049	0.347	ng/ul	100
5) 2-Methylnaphthalene	12.01	142	8043	0.450	ng/ul	99
7) Acenaphthylene	13.92	152	63629	2.254	ng/ul	100
8) Acenaphthene	14.27	153	20592	0.938	ng/ul	98
9) Fluorene	15.26	166	49426	1.983	ng/ul	99
12) Phenanthrene	17.00	178	843349	22.016	ng/ul	99
13) Anthracene	17.09	178	162361	4.816	ng/ul	99
15) Fluoranthene	19.03	202	1596621	31.558	ng/ul	96
17) Pyrene	19.39	202	1259132	27.233	ng/ul	100
18) Benzo(a)anthracene	21.15	228	701225	16.610	ng/ul	98
19) Chrysene	21.21	228	652049	12.586	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	770148m	22.321	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	243286m	6.225	ng/ul	
23) Benzo(a)pyrene	23.25	252	495612	13.650	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.49	276	295858	6.919	ng/ul	99
25) Dibenzo(a,h)anthracene	25.49	278	78686	2.328	ng/ul	99
26) Benzo(a,h,i)perylene	26.14	276	266464	6.795	ng/ul	98

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

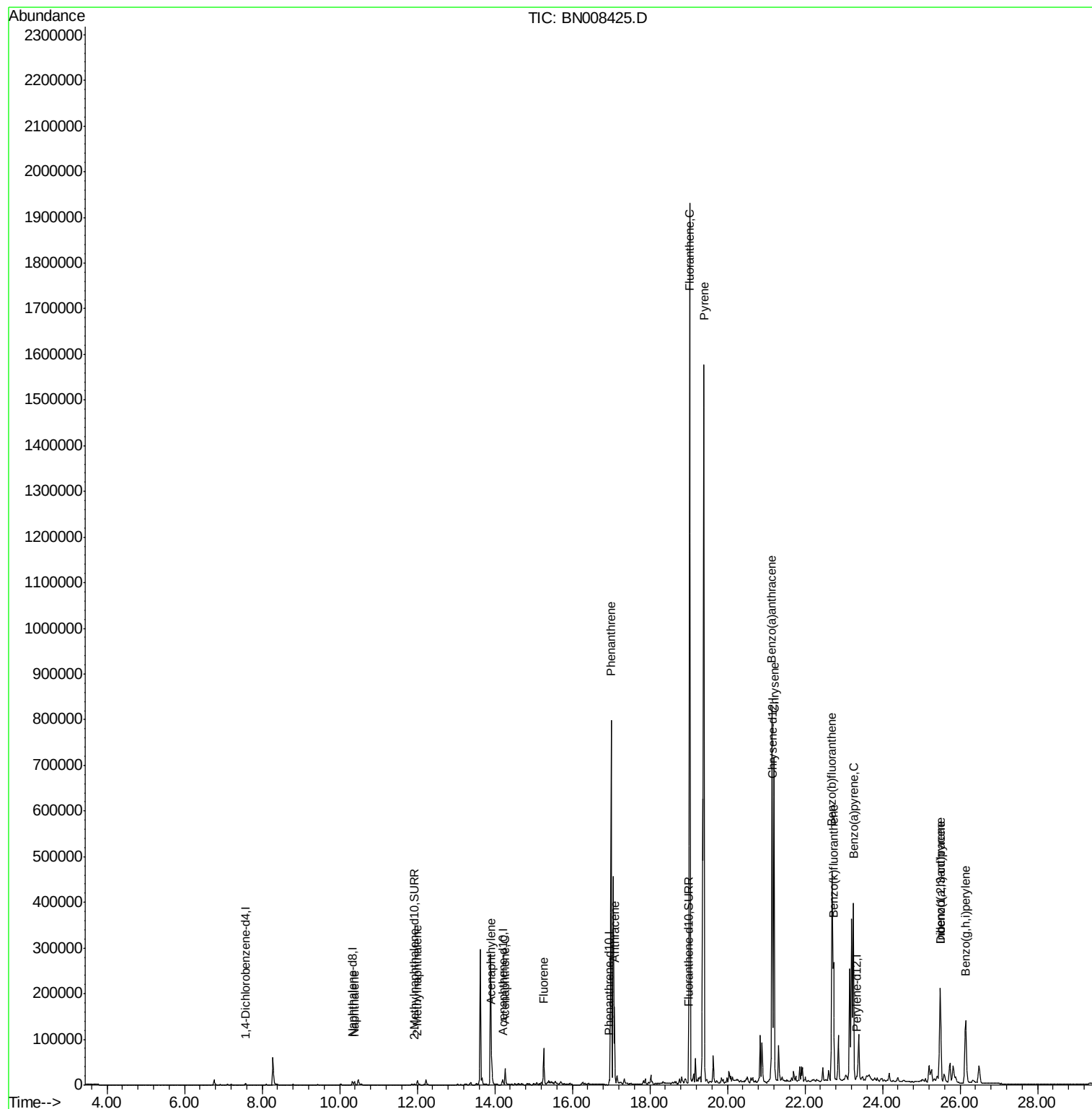
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008425.D
Acq On : 25 Oct 2019 14:03
Operator : JU
Sample : K5236-17
Misc :
ALS Vial : 47 Sample Multiplier: 1

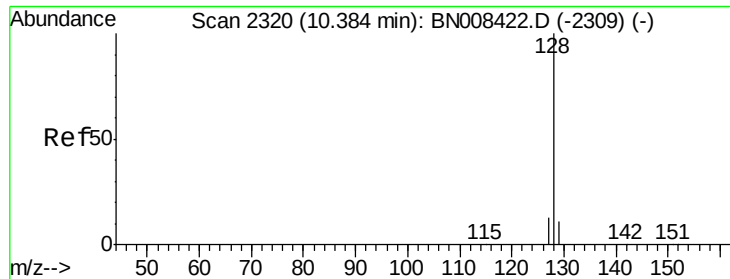
Instrument :
BNA_N
ClientSampleId :
BEPN0

Manual Integrations
APPROVED

mohammad
10/25/2019 9:28:59 PM

Quant Time: Oct 25 14:45:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 25 13:14:06 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.347 ng/ul

RT: 10.38 min Scan# 2319

Delta R.T. -0.01 min

Lab File: BN008425.D

Acq: 25 Oct 2019 14:03

Instrument :

BNA_N

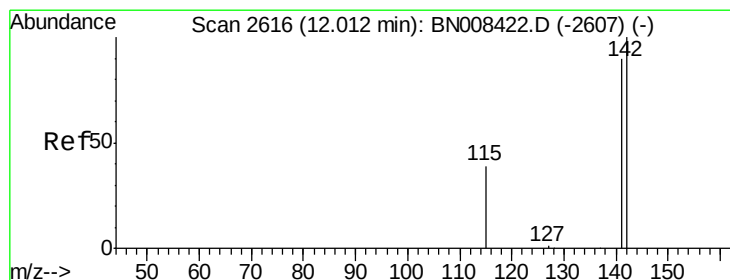
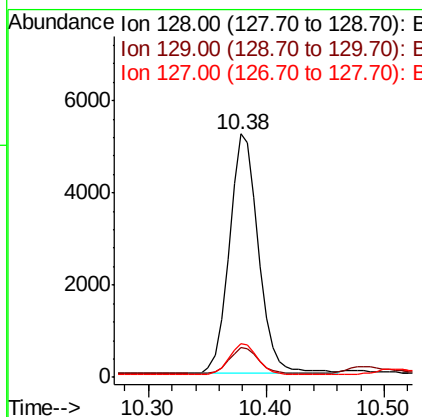
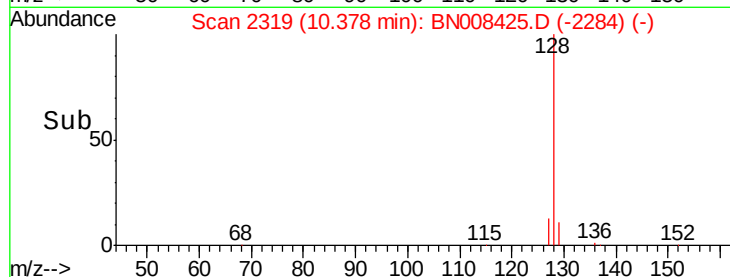
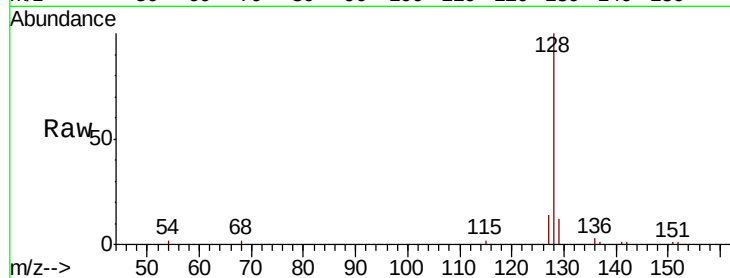
ClientSampleId :

BEPN0

Tot Ion:128	Resp:	9049
Ion Ratio	Lower	Upper
128	100	
129	12.4	9.8 14.8
127	14.0	11.1 16.7

Manual Integrations
APPROVED

mohammad
10/25/2019 9:28:59 PM



#5

2-Methylnaphthalene

Concen: 0.450 ng/ul

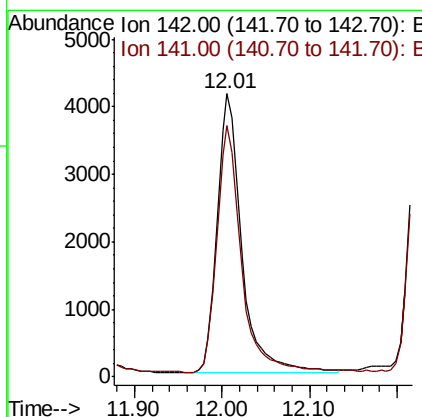
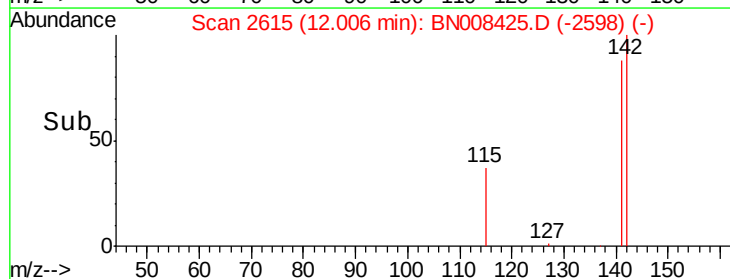
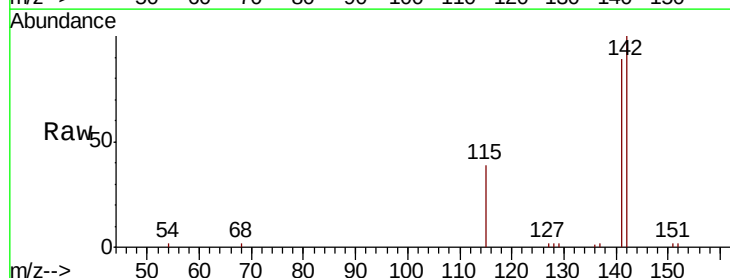
RT: 12.01 min Scan# 2615

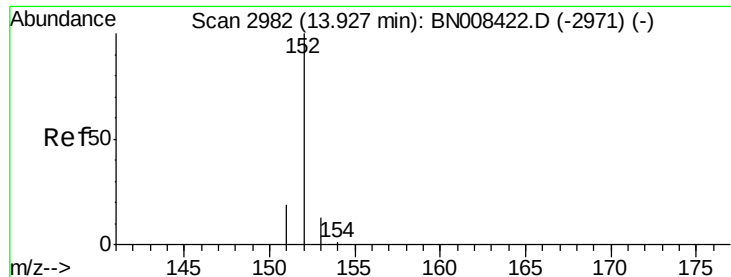
Delta R.T. -0.01 min

Lab File: BN008425.D

Acq: 25 Oct 2019 14:03

Tgt Ion:142	Resp:	8043
Ion Ratio	Lower	Upper
142	100	
141	88.3	71.4 107.2





#7

Acenaphthylene

Concen: 2.254 ng/ul

RT: 13.92 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BN008425.D

Acq: 25 Oct 2019 14:03

Instrument :

BNA_N

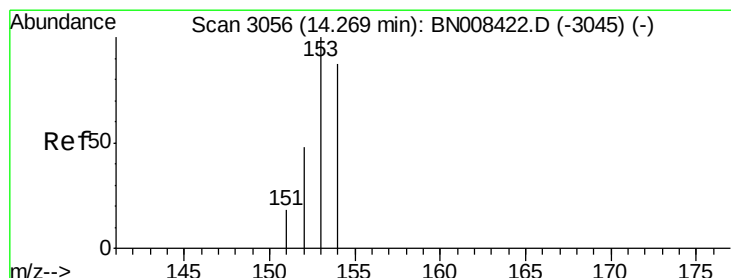
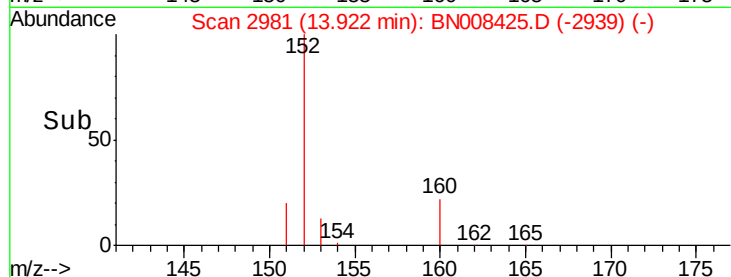
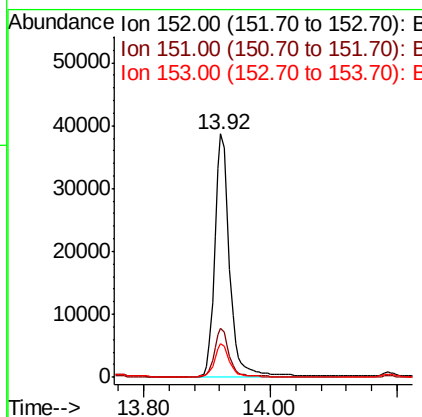
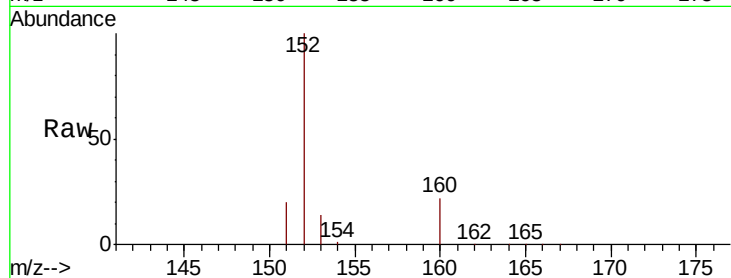
ClientSampleId :

BEPN0

Tot Ion:	152	Resp:	63629
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.2	24.4
153	13.6	11.0	16.4

Manual Integrations
APPROVED

mohammad
10/25/2019 9:28:59 PM



#8

Acenaphthene

Concen: 0.938 ng/ul

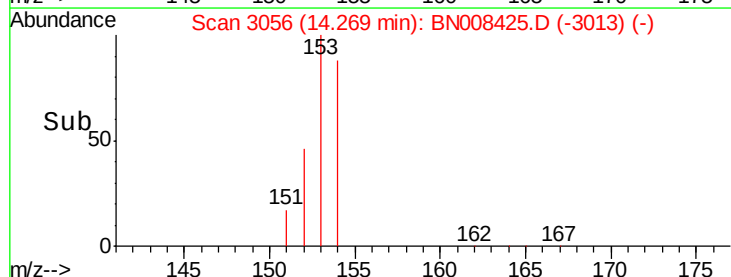
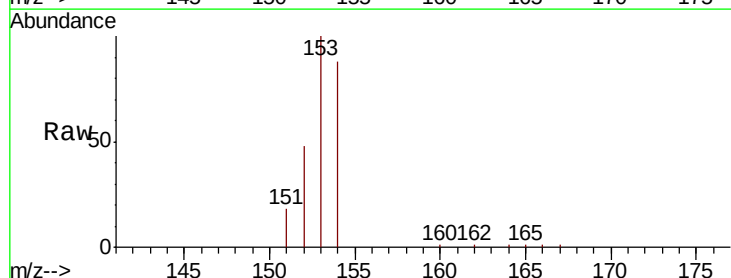
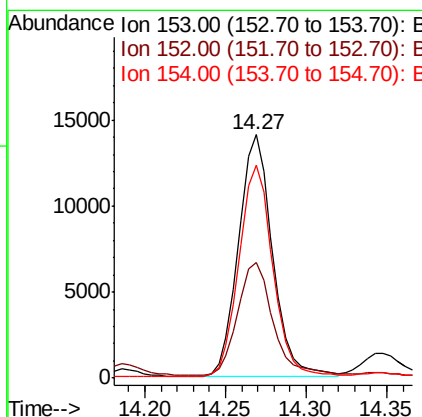
RT: 14.27 min Scan# 3056

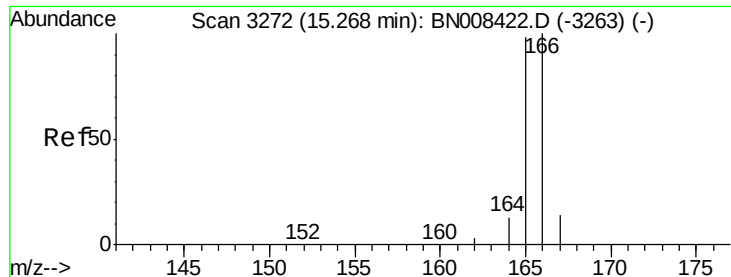
Delta R.T. -0.00 min

Lab File: BN008425.D

Acq: 25 Oct 2019 14:03

Tgt Ion:	153	Resp:	20592
Ion Ratio	Lower	Upper	
153	100		
152	47.7	38.2	57.2
154	87.5	71.8	107.8





#9

Fluorene

Concen: 1.983 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.00 min

Lab File: BN008425.D

Acq: 25 Oct 2019 14:03

Instrument :

BNA_N

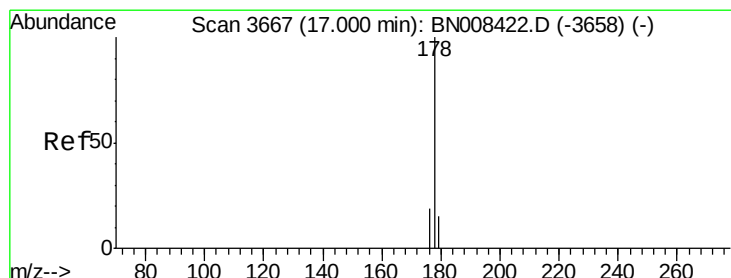
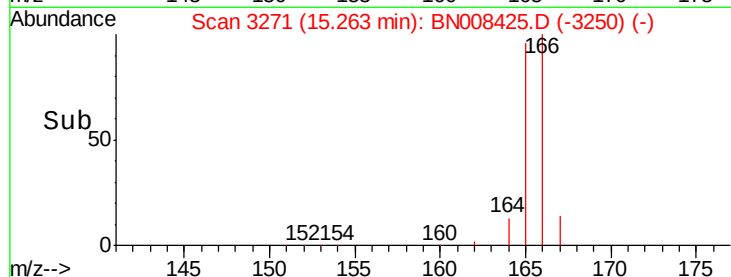
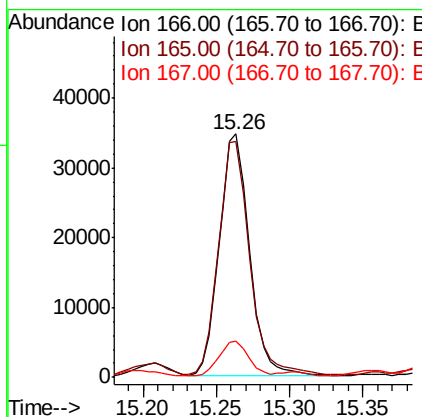
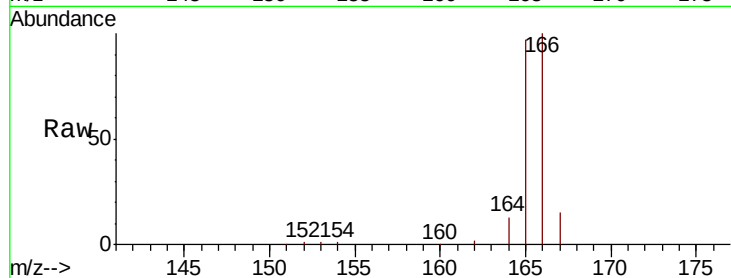
ClientSampleId :

BEPN0

Tot Ion:	166	Resp:	49426
Ion Ratio	Lower	Upper	
166	100		
165	96.7	76.6	115.0
167	14.9	11.7	17.5

Manual Integrations
APPROVED

mohammad
10/25/2019 9:28:59 PM



#12

Phenanthrene

Concen: 22.016 ng/ul

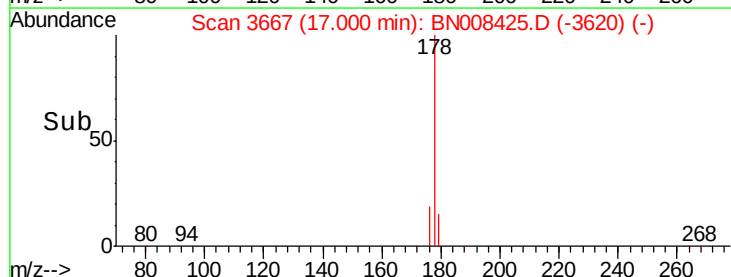
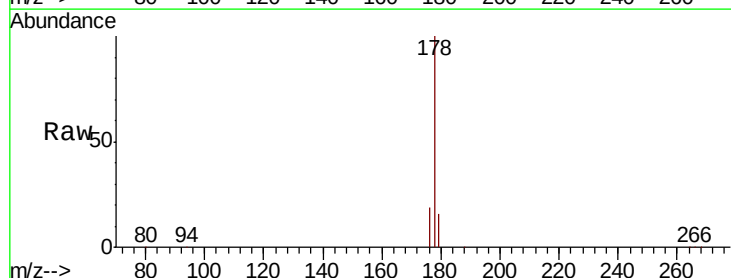
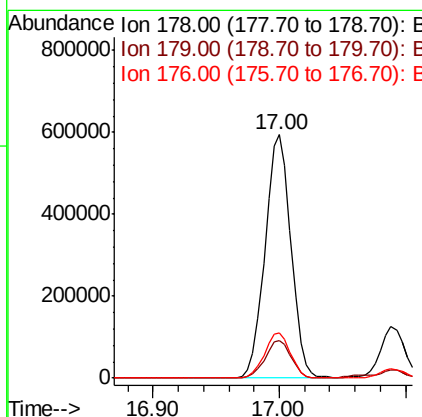
RT: 17.00 min Scan# 3667

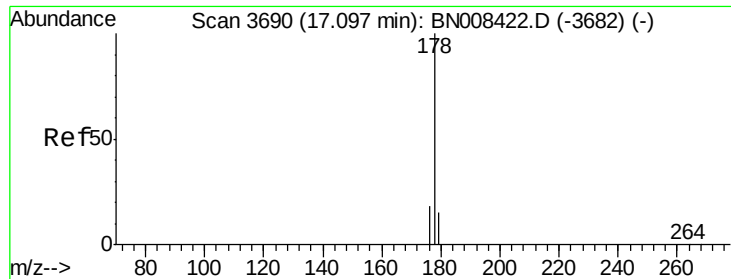
Delta R.T. -0.00 min

Lab File: BN008425.D

Acq: 25 Oct 2019 14:03

Tgt Ion:	178	Resp:	843349
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.8	19.2
176	18.6	15.4	23.2





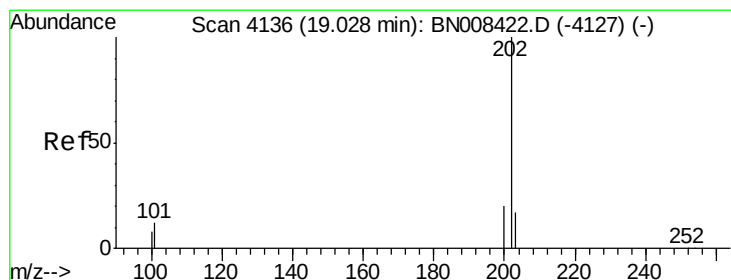
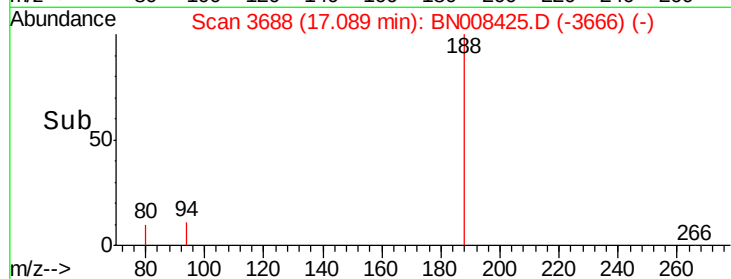
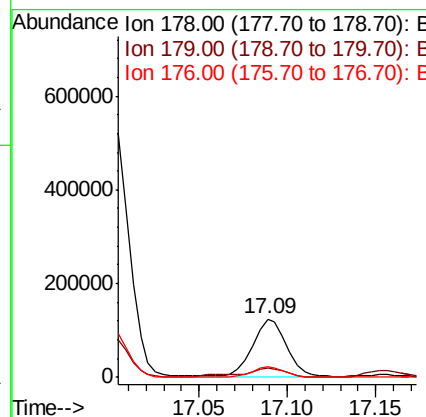
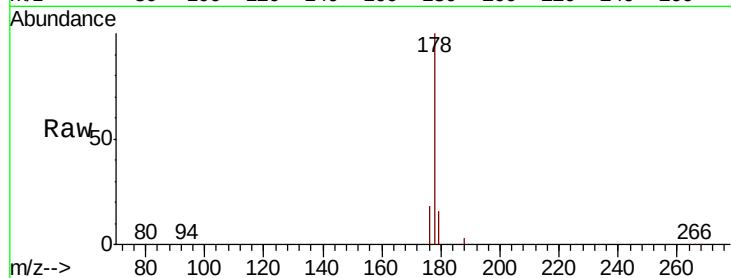
#13
 Anthracene
 Concen: 4.816 ng/ul
 RT: 17.09 min Scan# 3688
 Delta R.T. -0.01 min
 Lab File: BN008425.D
 Acq: 25 Oct 2019 14:03

Instrument :
 BNA_N
 ClientSampleId :
 BEPN0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.0	19.6
176	18.3	15.0	22.6

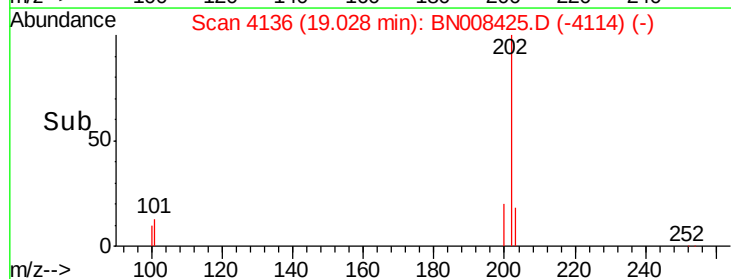
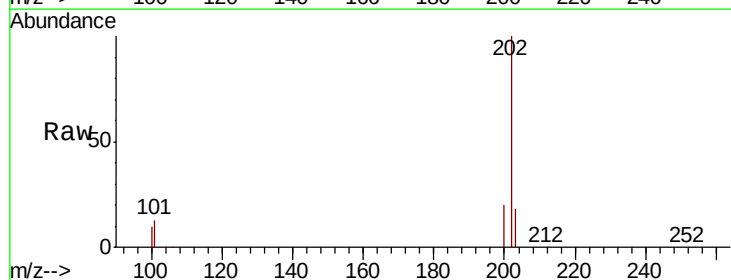
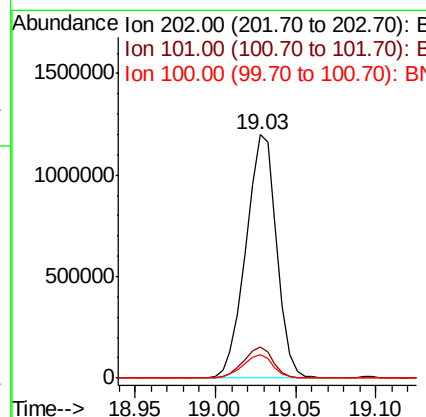
Manual Integrations
 APPROVED

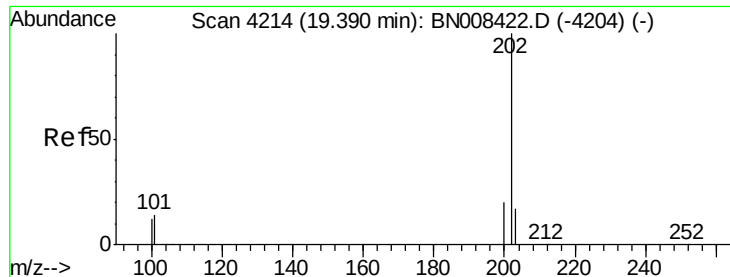
mohammad
 10/25/2019 9:28:59 PM



#15
 Fluoranthene
 Concen: 31.558 ng/ul
 RT: 19.03 min Scan# 4136
 Delta R.T. -0.00 min
 Lab File: BN008425.D
 Acq: 25 Oct 2019 14:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.2
100	9.7	0.0	28.5





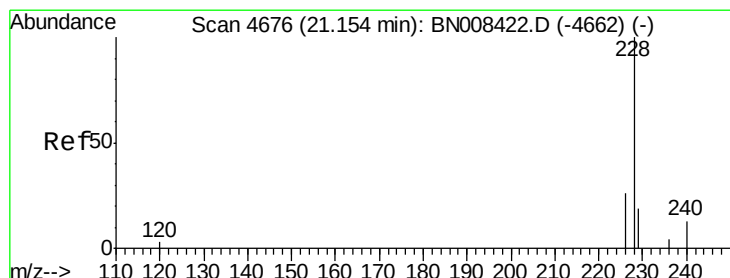
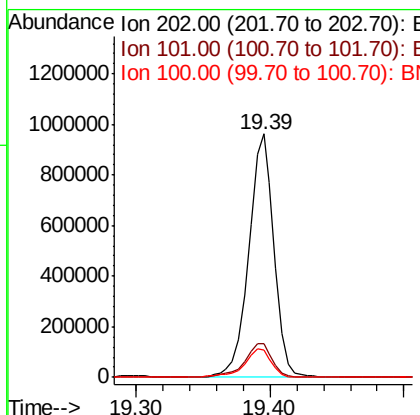
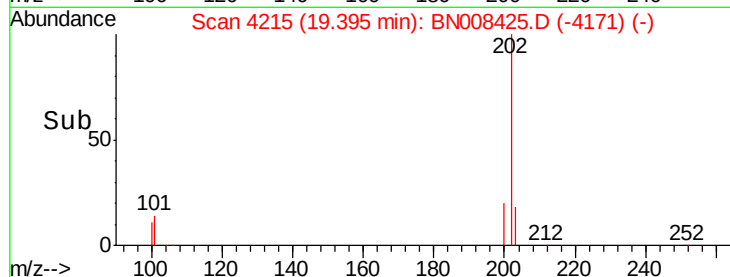
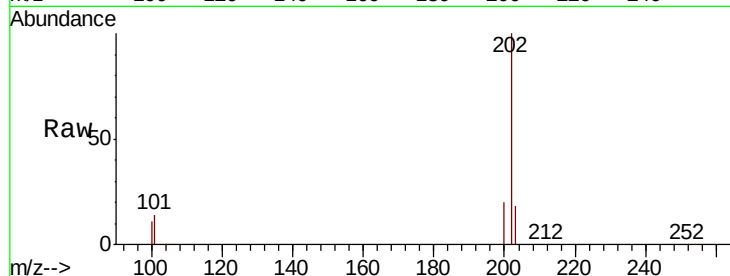
#17
Pvrene
Concen: 27.233 ng/ul
RT: 19.39 min Scan# 4215
Delta R.T. 0.00 min
Lab File: BN008425.D
Acq: 25 Oct 2019 14:03

Instrument :
BNA_N
ClientSampleId :
BEPN0

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.9	16.3
100	11.1	8.7	13.1

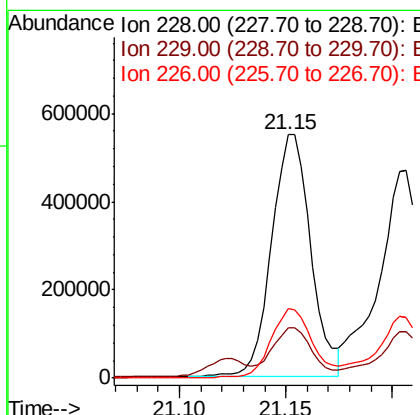
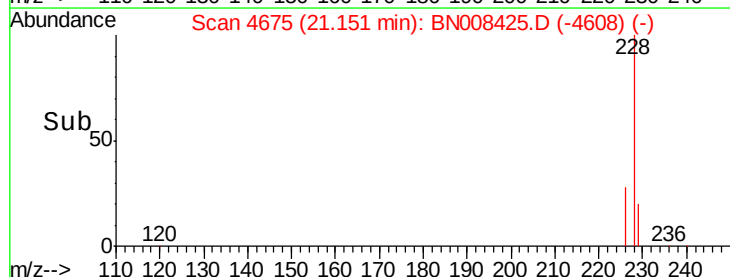
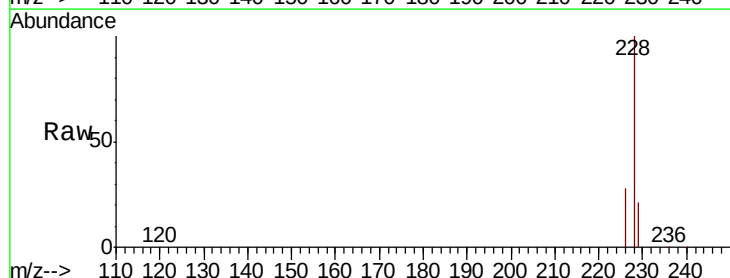
Manual Integrations
APPROVED

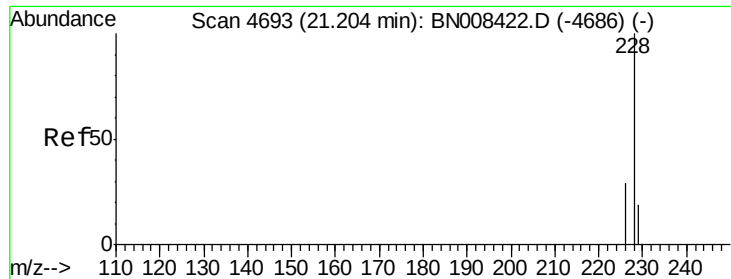
mohammad
10/25/2019 9:28:59 PM



#18
Benzo(a)anthracene
Concen: 16.610 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.00 min
Lab File: BN008425.D
Acq: 25 Oct 2019 14:03

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.2	24.2
226	28.3	21.4	32.0





#19

Chrysene

Concen: 12.586 ng/ul

RT: 21.21 min Scan# 4694

Delta R.T. 0.00 min

Lab File: BN008425.D

Acq: 25 Oct 2019 14:03

Instrument :

BNA_N

ClientSampled :

BEPN0

Tot Ion:228 Resp: 652049

Ion Ratio Lower Upper

228 100

226 29.3 24.1 36.1

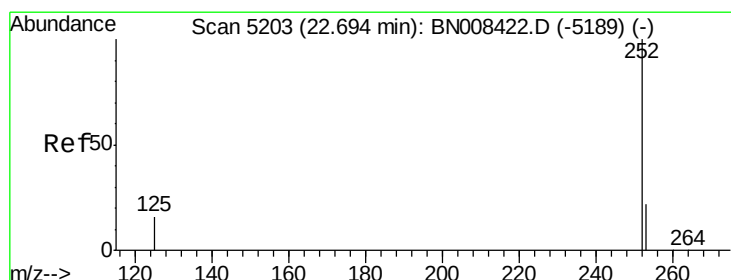
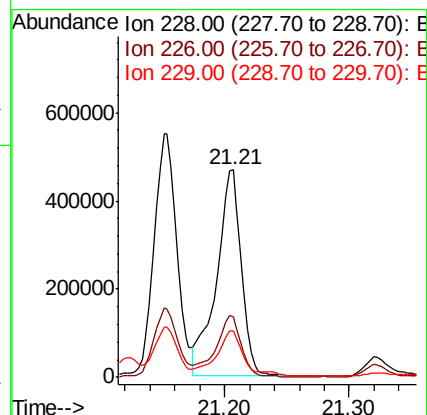
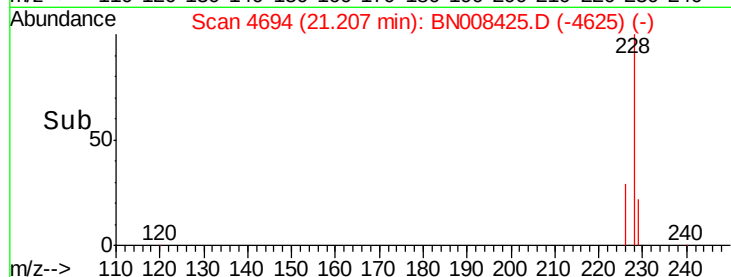
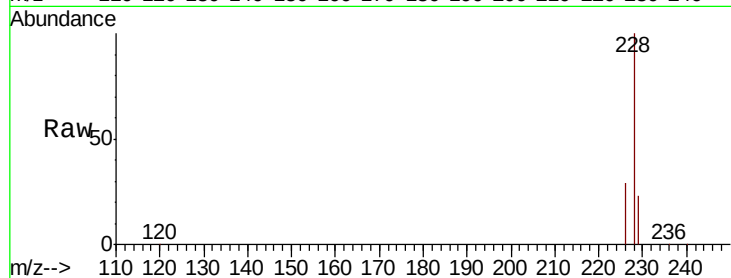
229 22.7 16.2 24.2

Manual Integrations

APPROVED

mohammad

10/25/2019 9:28:59 PM



#21

Benzo(b)fluoranthene

Concen: 22.321 ng/ul m

RT: 22.70 min Scan# 5205

Delta R.T. 0.01 min

Lab File: BN008425.D

Acq: 25 Oct 2019 14:03

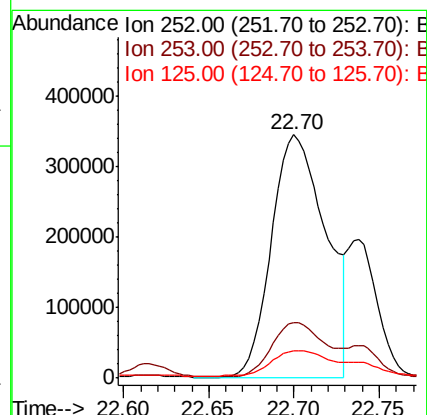
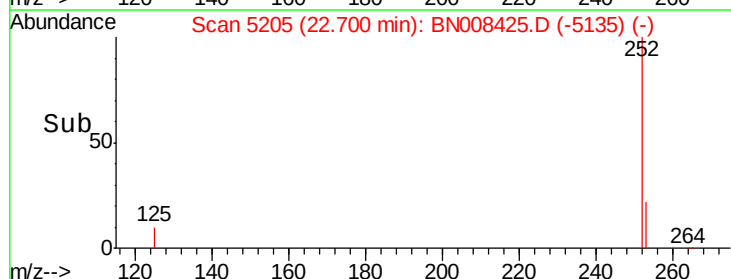
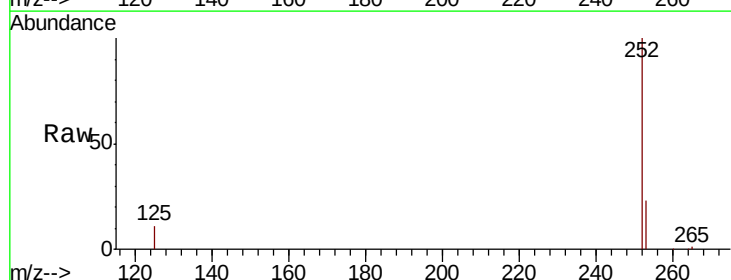
Tgt Ion:252 Resp: 770148

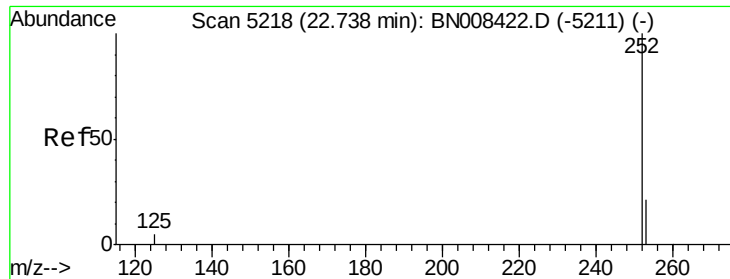
Ion Ratio Lower Upper

252 100

253 22.9 0.0 53.4

125 11.4 0.0 32.4





#22

Benzo(k)fluoranthene

Concen: 6.225 ng/ul m

RT: 22.74 min Scan# 5218

Delta R.T. -0.00 min

Lab File: BN008425.D

Acq: 25 Oct 2019 14:03

Instrument :

BNA_N

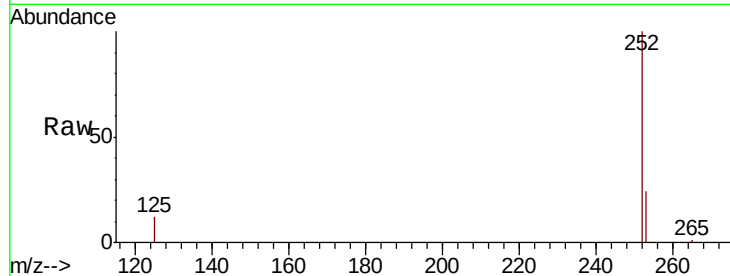
ClientSampleId :

BEPN0

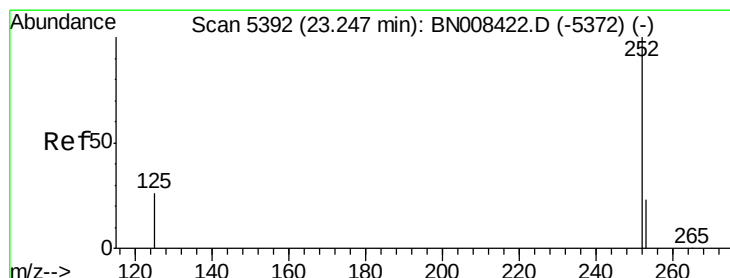
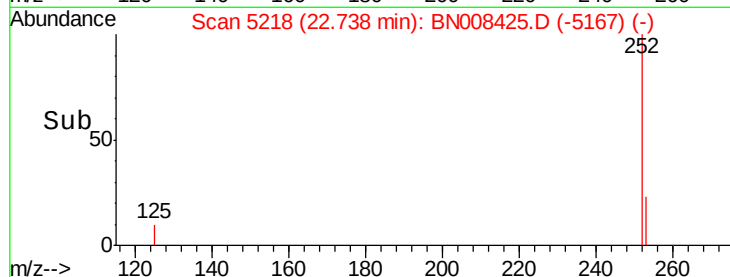
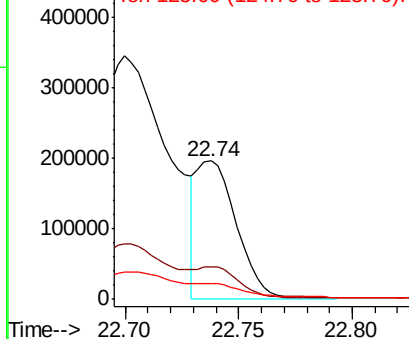
Tot Ion:	252	Resp:	243286
Ion Ratio	Lower	Upper	
252	100		
253	23.9	21.3	31.9
125	11.6	12.3	18.5#

Manual Integrations
APPROVED

mohammad
10/25/2019 9:28:59 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: 13.650 ng/ul

RT: 23.25 min Scan# 5393

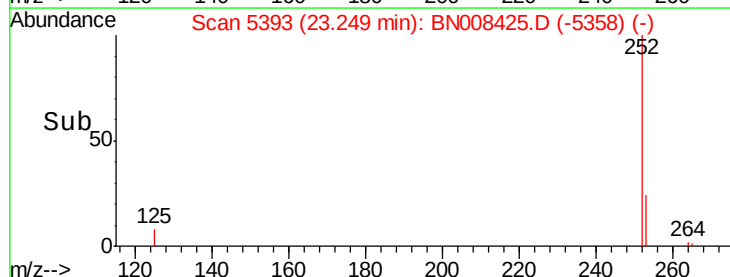
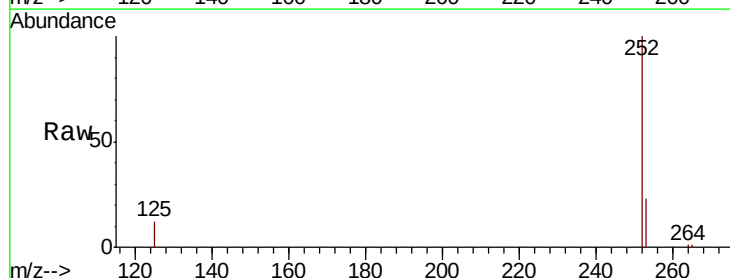
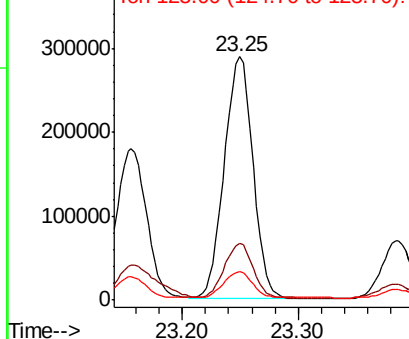
Delta R.T. 0.00 min

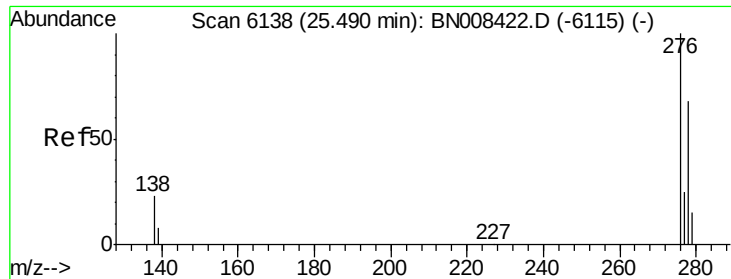
Lab File: BN008425.D

Acq: 25 Oct 2019 14:03

Tgt Ion:	252	Resp:	495612
Ion Ratio	Lower	Upper	
252	100		
253	23.1	22.8	34.2
125	11.7	18.4	27.6#

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





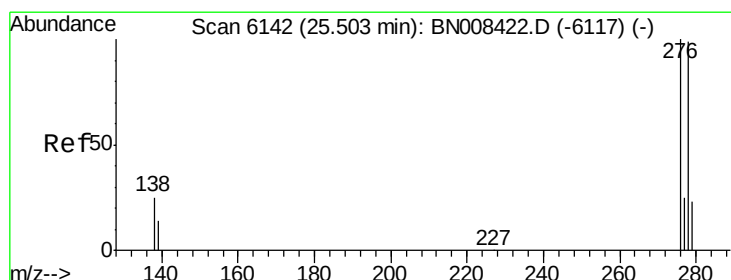
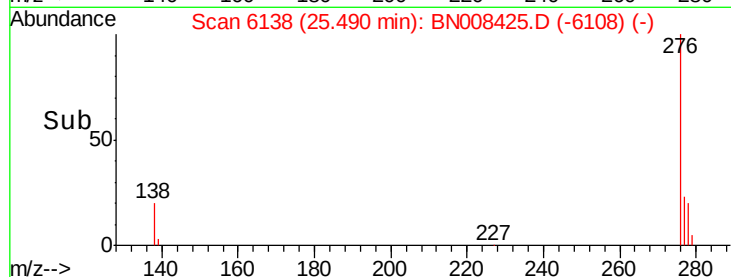
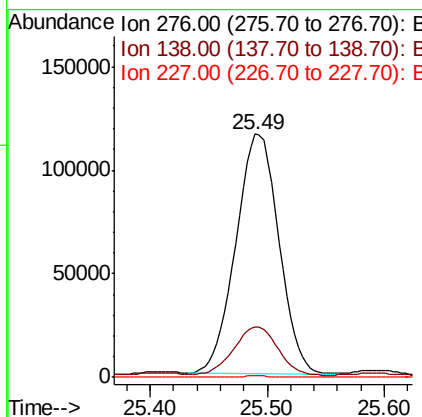
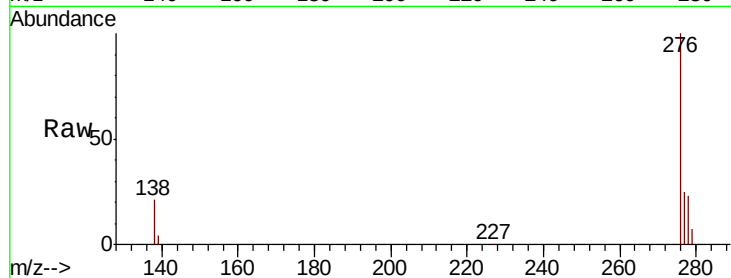
#24
Indeno(1,2,3-cd)pyrene
Concen: 6.919 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.00 min
Lab File: BN008425.D
Acq: 25 Oct 2019 14:03

Instrument :
BNA_N
ClientSampleId :
BEPN0

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.1	24.1
227	0.2	0.2	0.2

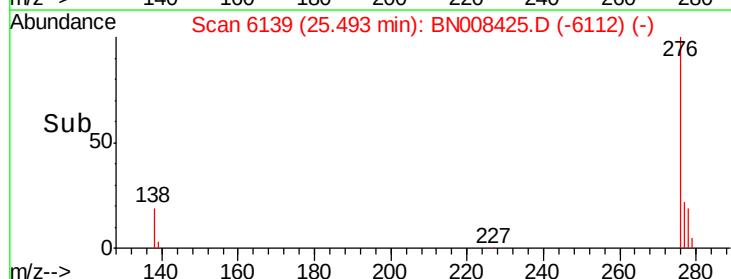
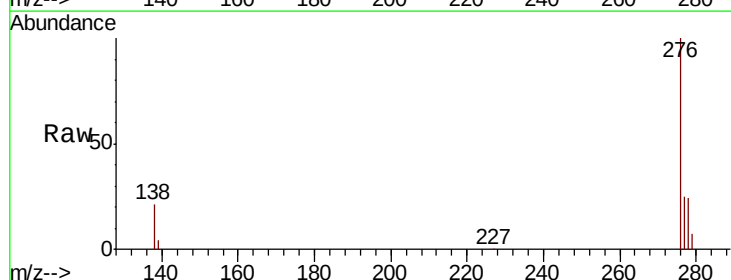
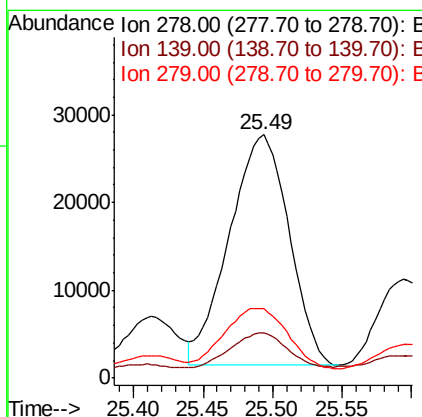
Manual Integrations
APPROVED

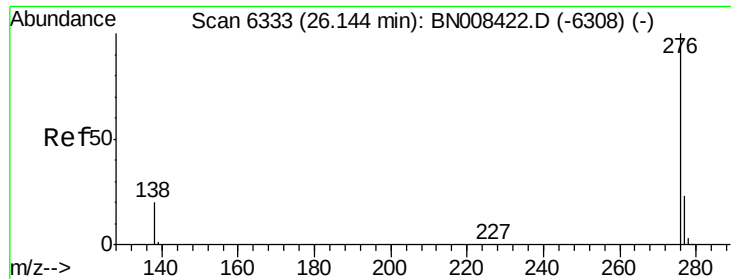
mohammad
10/25/2019 9:28:59 PM



#25
Dibenzo(a,h)anthracene
Concen: 2.328 ng/ul
RT: 25.49 min Scan# 6139
Delta R.T. -0.01 min
Lab File: BN008425.D
Acq: 25 Oct 2019 14:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.0	22.6
279	28.3	22.4	33.6





#26
 Benzo(a,h,i)perylene
 Concen: 6.795 ng/ul
 RT: 26.14 min Scan# 6333
 Delta R.T. -0.00 min
 Lab File: BN008425.D
 Acq: 25 Oct 2019 14:03

Instrument :
 BNA_N
 ClientSampleId :
 BEPN0

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.0	25.4
277	24.1	20.4	30.6

Manual Integrations
 APPROVED

mohammad
 10/25/2019 9:28:59 PM

