

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
 Data File : BN008364.D
 Acq On : 23 Oct 2019 23:54
 Operator : JU
 Sample : K5235-02
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPB0

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:07:11 AM

Quant Time: Oct 24 02:20:36 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 : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1678	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.34	136	7601	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	4875	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	10959	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	11169	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	10656	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2111	0.16	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	6714	0.18	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.39	128	519	0.024	ng/ul#	65
7) Acenaphthylene	13.93	152	1384	0.060	ng/ul#	87
8) Acenaphthene	14.27	153	377	0.021	ng/ul#	93
9) Fluorene	15.27	166	525	0.026	ng/ul#	93
12) Phenanthrene	17.00	178	12037	0.375	ng/ul	100
13) Anthracene	17.09	178	2339	0.083	ng/ul#	92
15) Fluoranthene	19.03	202	36267	0.856	ng/ul	98
17) Pyrene	19.39	202	34965	0.786	ng/ul	96
18) Benzo(a)anthracene	21.15	228	18382	0.453	ng/ul	97
19) Chrysene	21.20	228	22244	0.446	ng/ul	98
21) Benzo(b)fluoranthene	22.69	252	28768m	0.829	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	8090m	0.206	ng/ul	
23) Benzo(a)pyrene	23.24	252	18247	0.500	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.48	276	12098	0.281	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.49	278	2642	0.078	ng/ul#	78
26) Benzo(g,h,i)perylene	26.14	276	11627	0.295	ng/ul	97

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

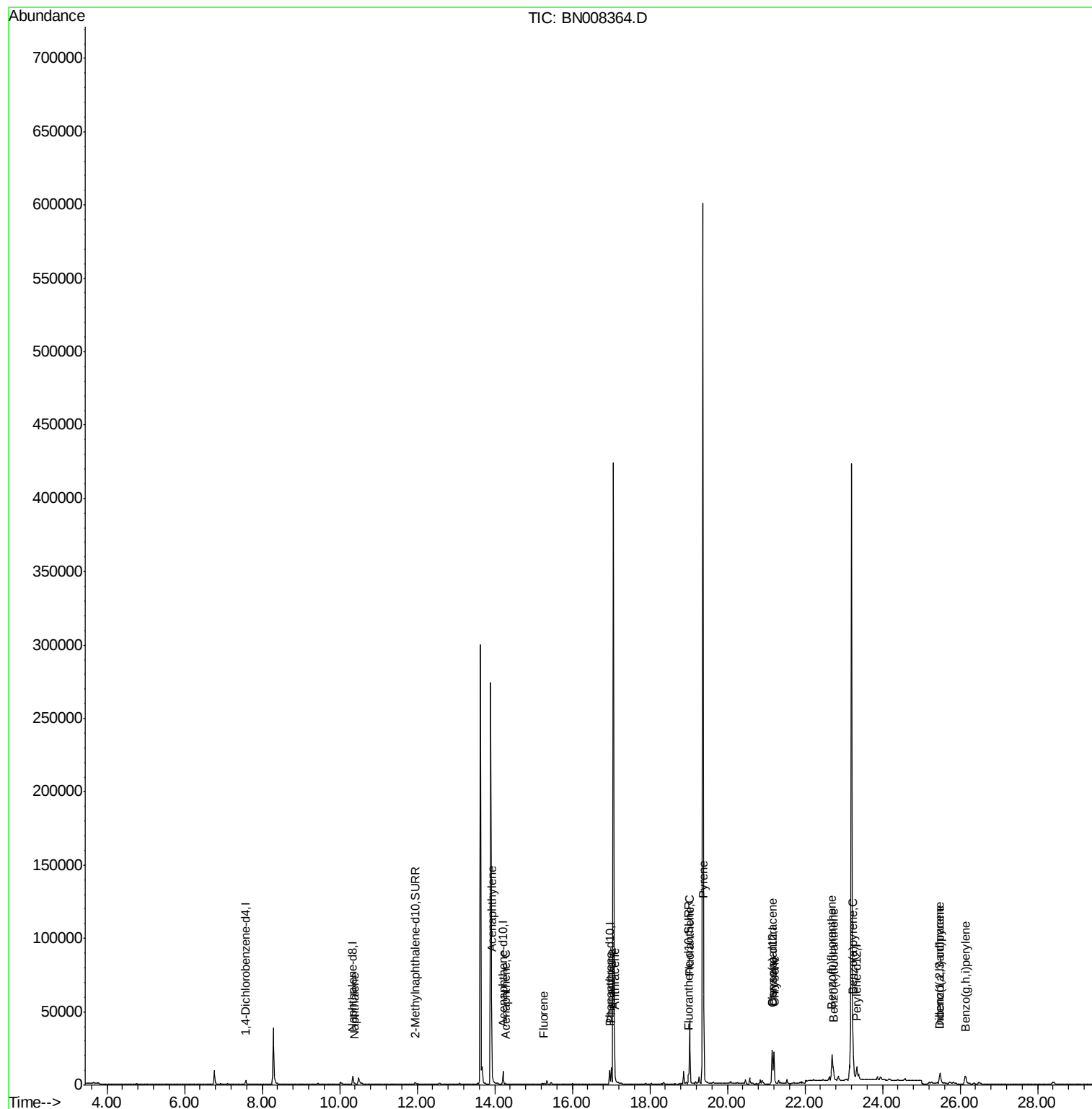
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
Data File : BN008364.D
Acq On : 23 Oct 2019 23:54
Operator : JU
Sample : K5235-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

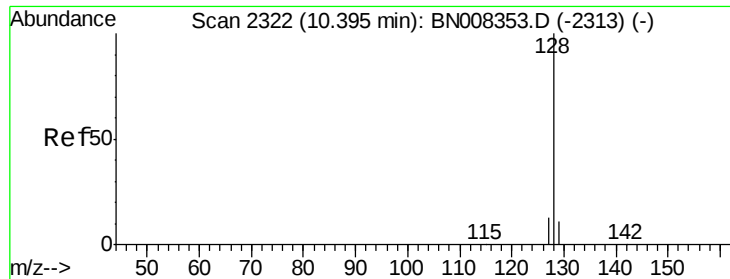
Instrument :
BNA_N
ClientSampleId :
BEPB0

Manual Integrations
APPROVED

mohammad
10/24/2019 8:07:11 AM

Quant Time: Oct 24 02:20:36 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 : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration





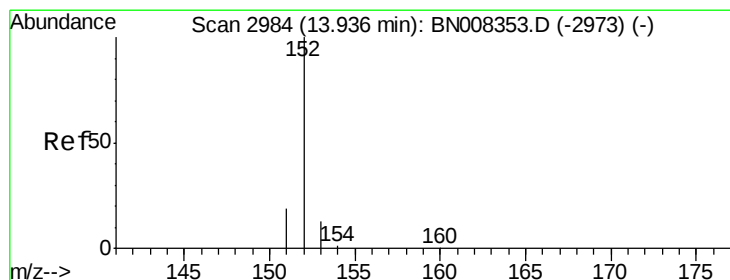
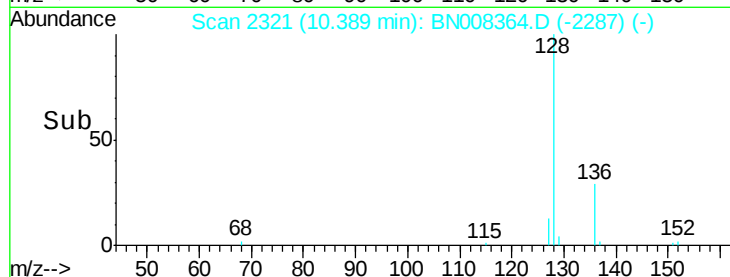
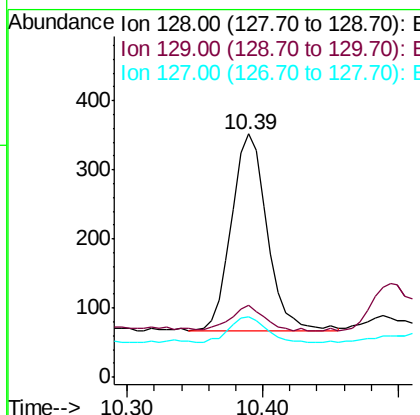
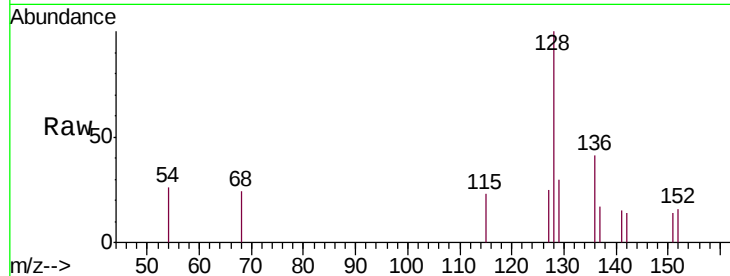
#3
Naphthalene
Concen: 0.024 ng/ul
RT: 10.39 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BN008364.D
Acq: 23 Oct 2019 23:54

Instrument :
BNA_N
ClientSampleId :
BEPB0

Tgt Ion	Ratio	Lower	Upper
128	100		
129	29.5	9.8	14.8#
127	24.7	11.1	16.7#

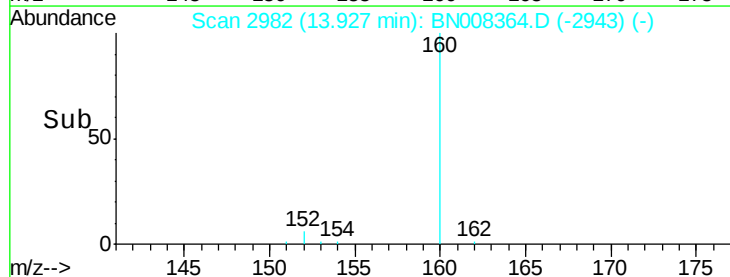
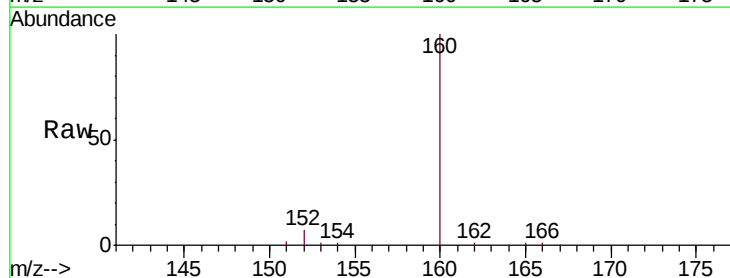
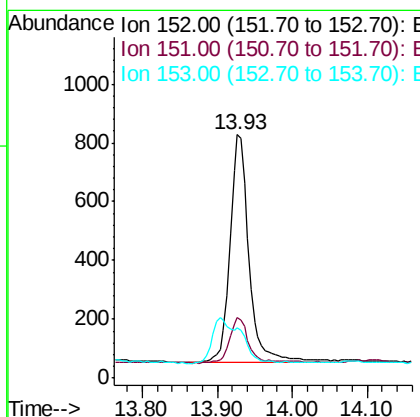
Manual Integrations
APPROVED

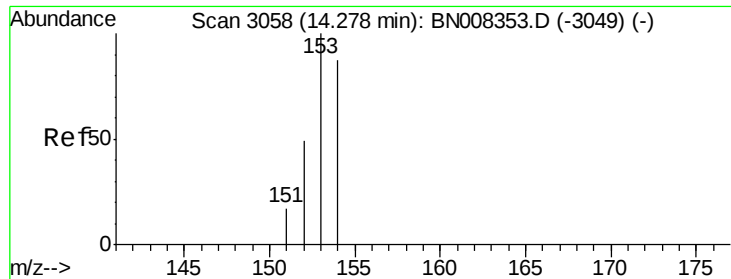
mohammad
10/24/2019 8:07:11 AM



#7
Acenaphthylene
Concen: 0.060 ng/ul
RT: 13.93 min Scan# 2982
Delta R.T. -0.02 min
Lab File: BN008364.D
Acq: 23 Oct 2019 23:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	25.0	16.2	24.4#
153	20.5	11.0	16.4#





#8

Acenaphthene

Concen: 0.021 ng/ul

RT: 14.27 min Scan# 3057

Delta R.T. -0.01 min

Lab File: BN008364.D

Acq: 23 Oct 2019 23:54

Instrument :

BNA_N

ClientSampleId :

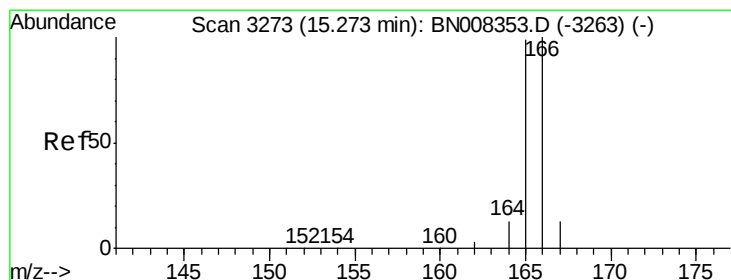
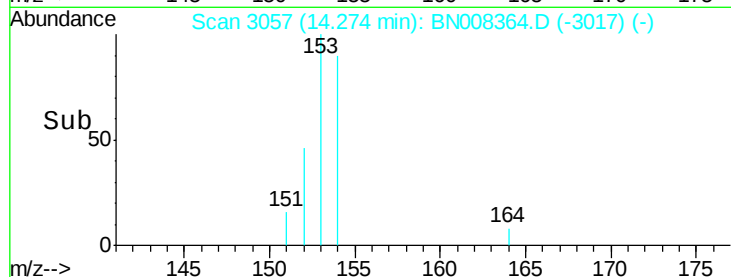
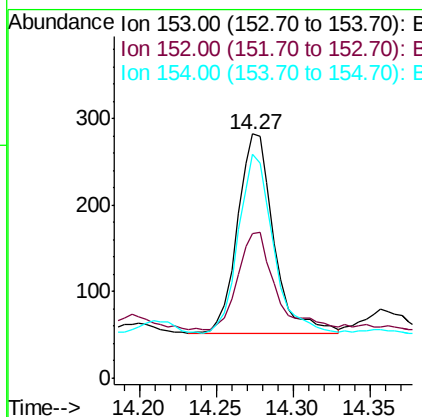
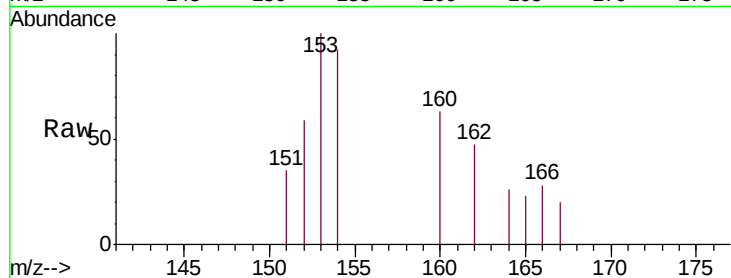
BEPB0

Tgt Ion:153 Resp: 377

Ion	Ratio	Lower	Upper
153	100		
152	59.2	38.2	57.2#
154	91.8	71.8	107.8

Manual Integrations
APPROVED

mohammad
10/24/2019 8:07:11 AM



#9

Fluorene

Concen: 0.026 ng/ul

RT: 15.27 min Scan# 3272

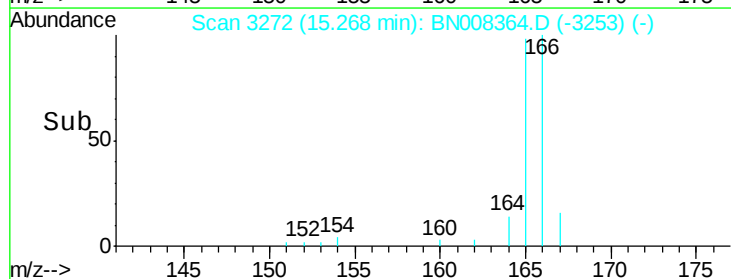
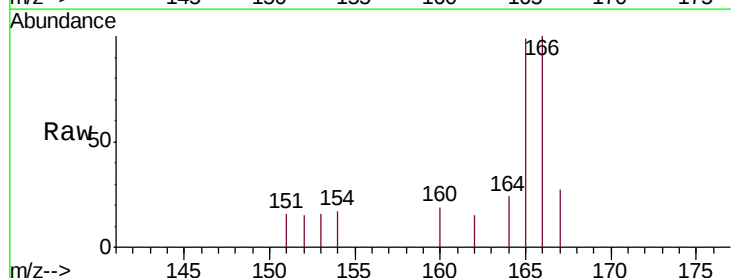
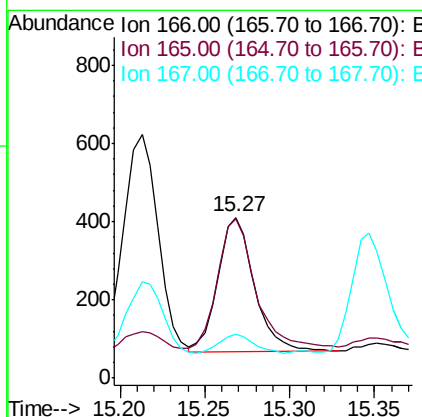
Delta R.T. -0.01 min

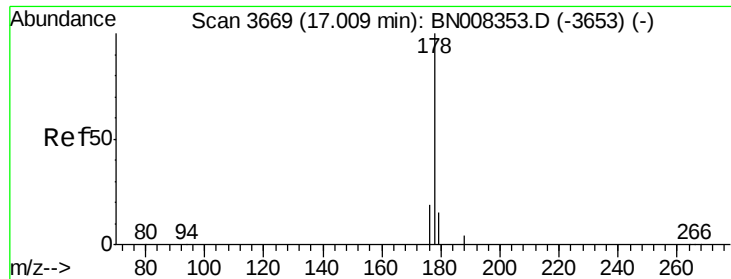
Lab File: BN008364.D

Acq: 23 Oct 2019 23:54

Tgt Ion:166 Resp: 525

Ion	Ratio	Lower	Upper
166	100		
165	99.3	76.6	115.0
167	27.5	11.7	17.5#





#12

Phenanthrene

Concen: 0.375 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. -0.02 min

Lab File: BN008364.D

Acq: 23 Oct 2019 23:54

Instrument :

BNA_N

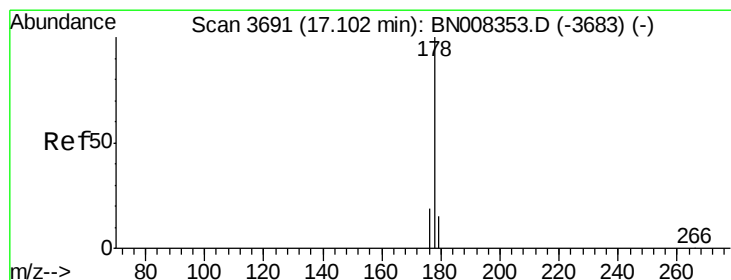
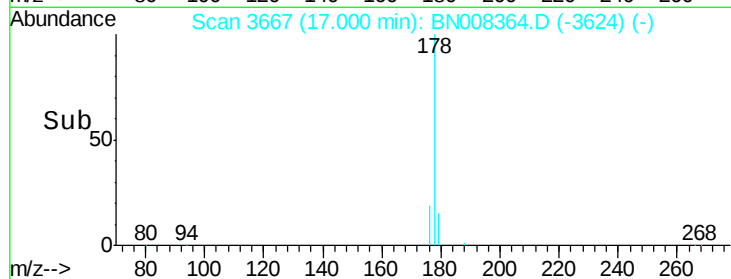
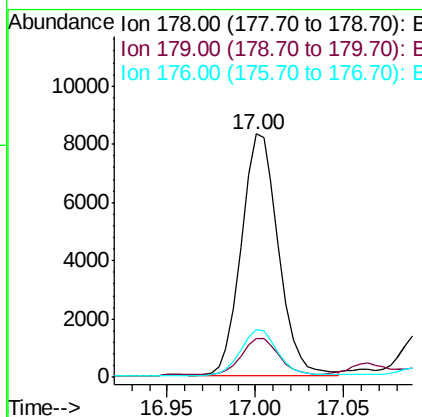
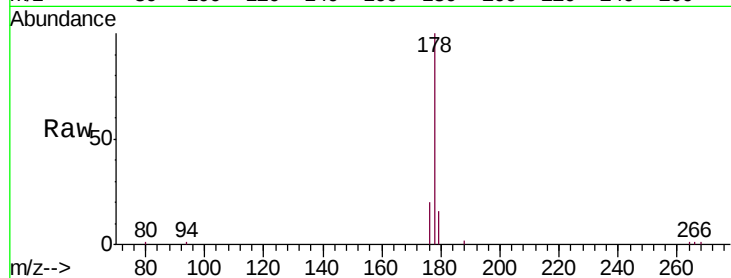
ClientSampleId :

BEPB0

Tgt Ion:	178	Resp:	12037
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.8	19.2
176	19.6	15.4	23.2

Manual Integrations
APPROVED

mohammad
10/24/2019 8:07:11 AM



#13

Anthracene

Concen: 0.083 ng/ul

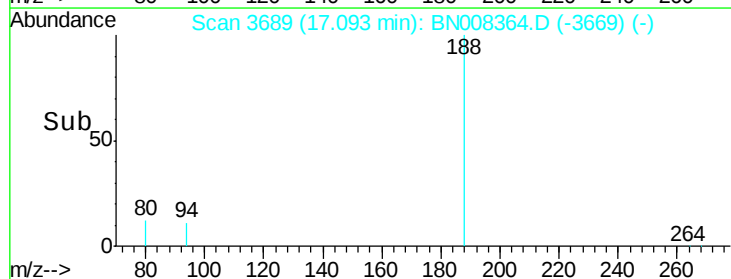
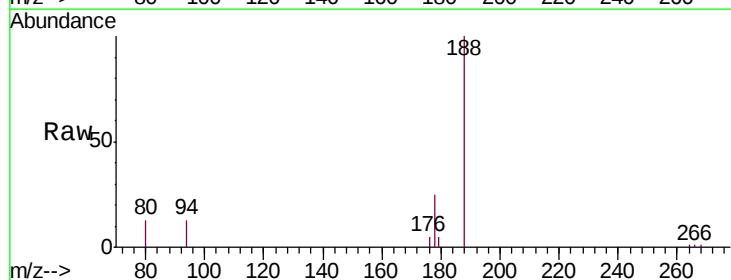
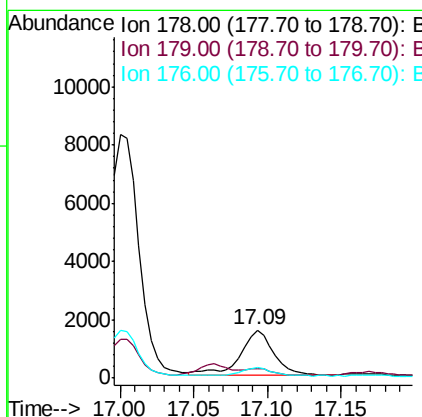
RT: 17.09 min Scan# 3689

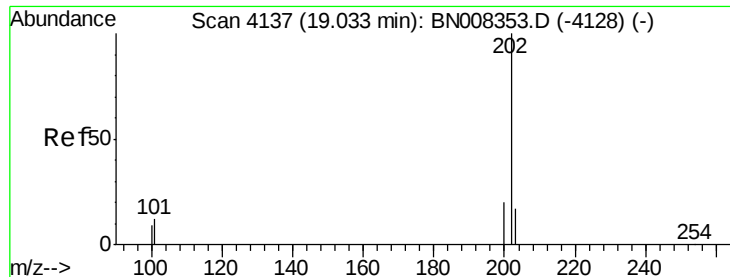
Delta R.T. -0.02 min

Lab File: BN008364.D

Acq: 23 Oct 2019 23:54

Tgt Ion:	178	Resp:	2339
Ion Ratio	Lower	Upper	
178	100		
179	20.4	13.0	19.6#
176	21.5	15.0	22.6





#15

Fluoranthene

Concen: 0.856 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. -0.01 min

Lab File: BN008364.D

Acq: 23 Oct 2019 23:54

Instrument :

BNA_N

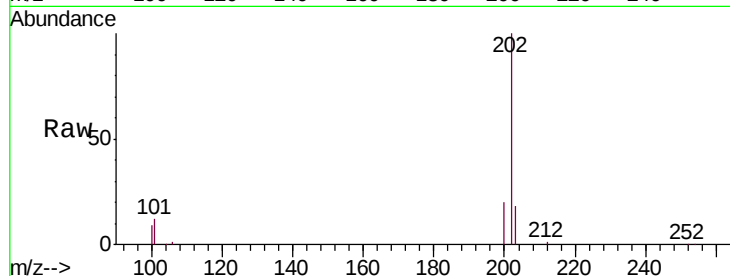
ClientSampleId :

BEPB0

Tgt Ion:	202	Resp:	36267
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	31.2
100	9.3	0.0	28.5

Manual Integrations
APPROVED

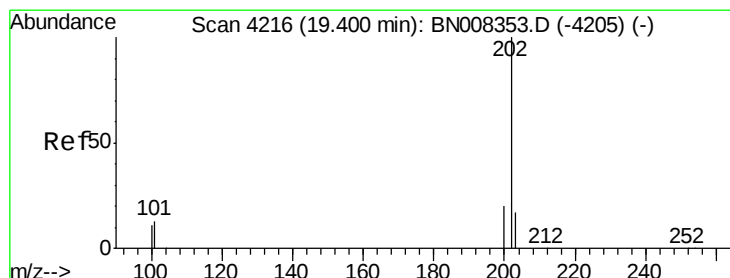
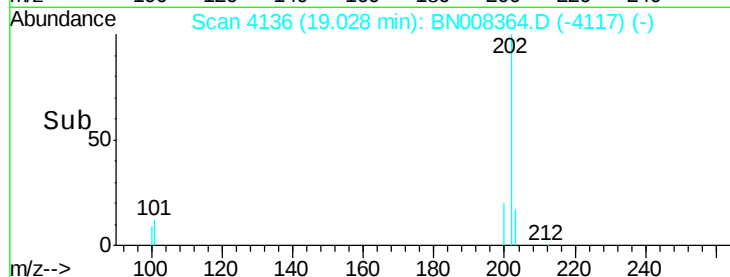
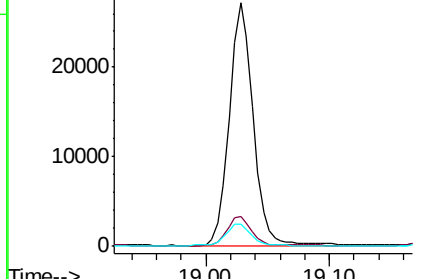
mohammad
10/24/2019 8:07:11 AM



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



#17

Pyrene

Concen: 0.786 ng/ul

RT: 19.39 min Scan# 4214

Delta R.T. -0.01 min

Lab File: BN008364.D

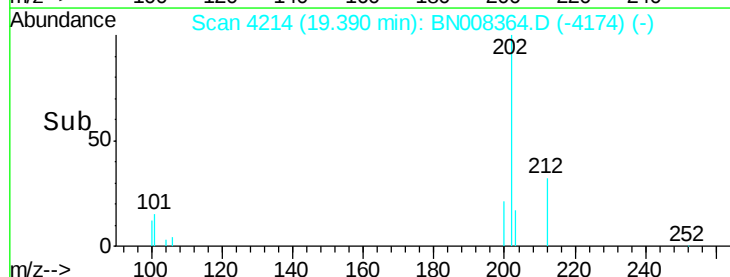
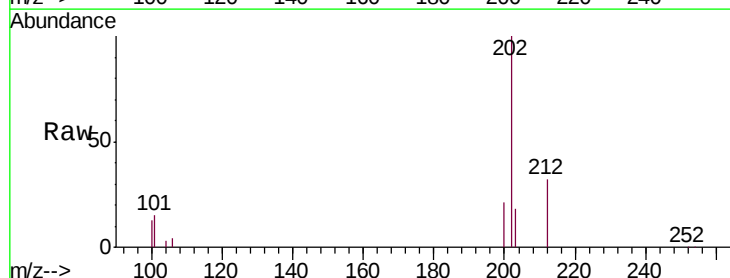
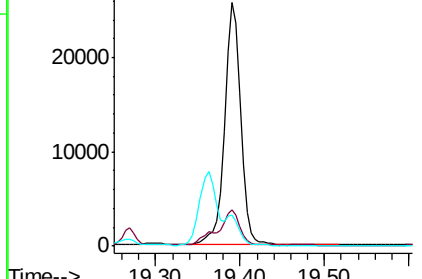
Acq: 23 Oct 2019 23:54

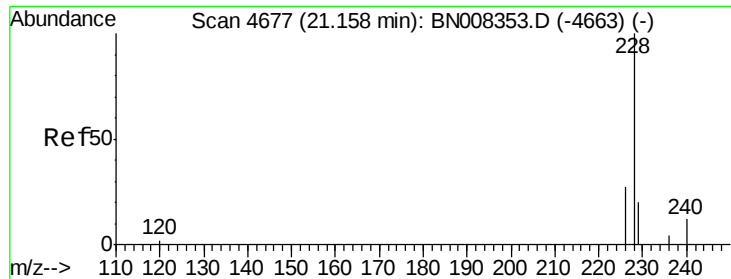
Tgt Ion:	202	Resp:	34965
Ion Ratio	Lower	Upper	
202	100		
101	15.0	10.9	16.3
100	12.6	8.7	13.1

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





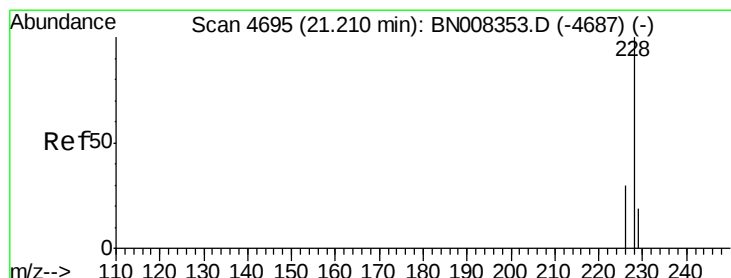
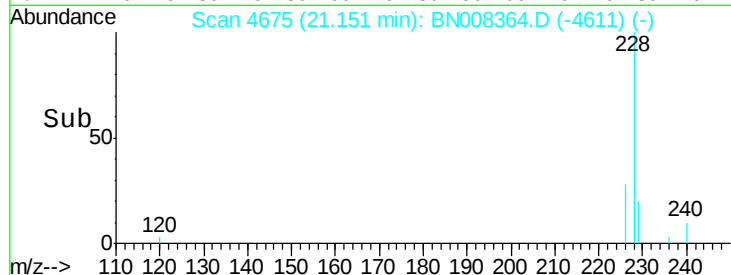
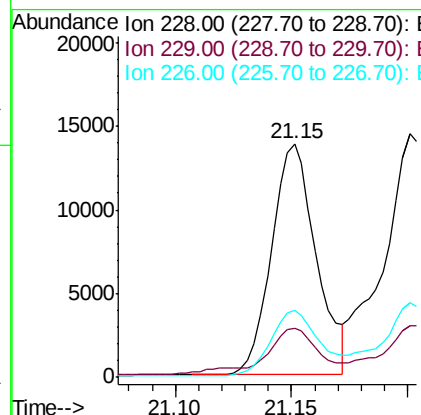
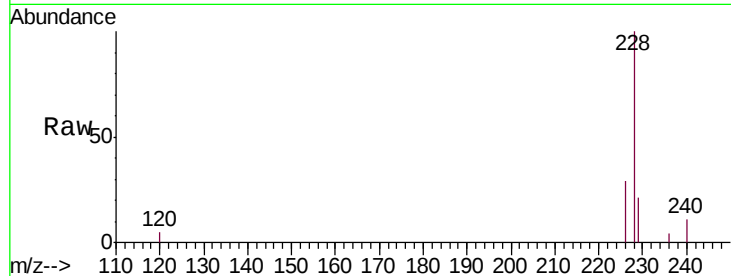
#18
Benzo(a)anthracene
Concen: 0.453 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.01 min
Lab File: BN008364.D
Acq: 23 Oct 2019 23:54

Instrument :
BNA_N
ClientSampleId :
BEPB0

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.2	24.2
226	28.5	21.4	32.0

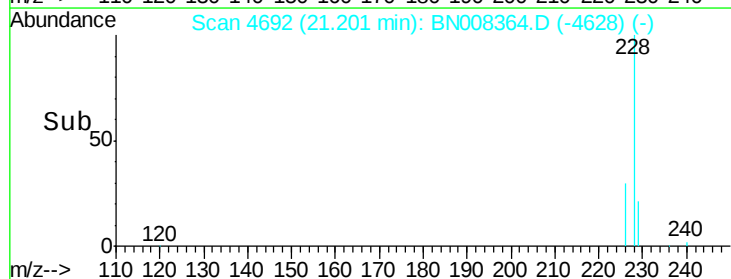
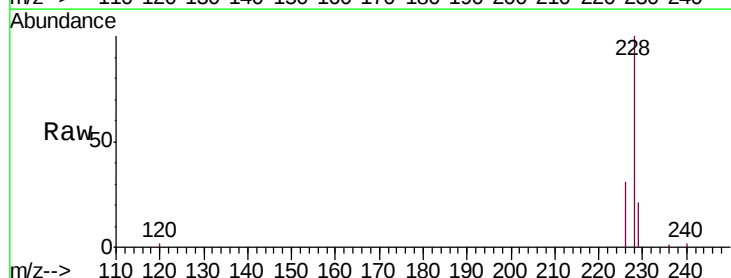
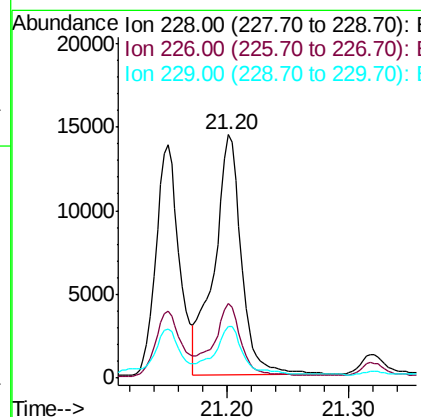
Manual Integrations
APPROVED

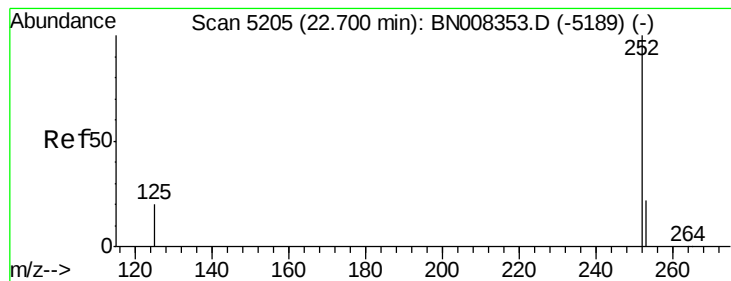
mohammad
10/24/2019 8:07:11 AM



#19
Chrysene
Concen: 0.446 ng/ul
RT: 21.20 min Scan# 4692
Delta R.T. -0.01 min
Lab File: BN008364.D
Acq: 23 Oct 2019 23:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.1	36.1
229	21.4	16.2	24.2





#21

Benzo(b)fluoranthene

Concen: 0.829 ng/ul m

RT: 22.69 min Scan# 5203

Delta R.T. -0.01 min

Lab File: BN008364.D

Acq: 23 Oct 2019 23:54

Instrument :

BNA_N

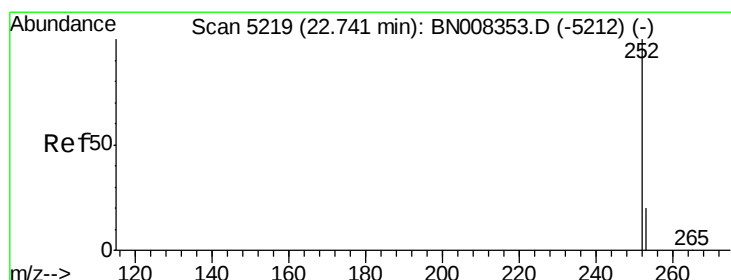
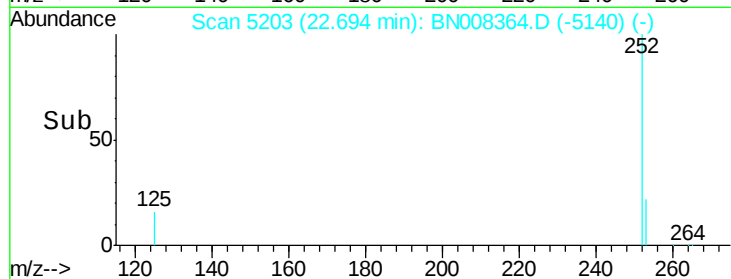
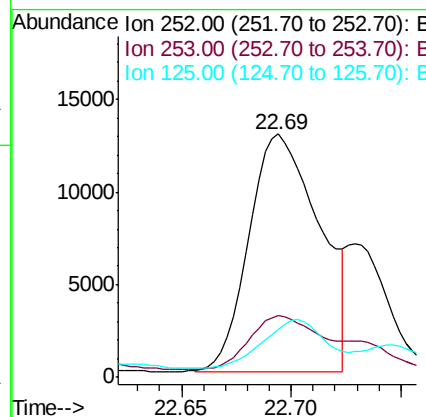
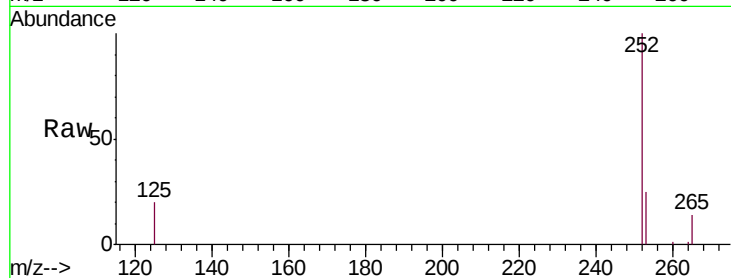
ClientSampleId :

BEPB0

Tgt Ion:	252	Resp:	28768
Ion Ratio	Lower	Upper	
252	100		
253	25.2	0.0	53.4
125	19.8	0.0	32.4

Manual Integrations
APPROVED

mohammad
10/24/2019 8:07:11 AM



#22

Benzo(k)fluoranthene

Concen: 0.206 ng/ul m

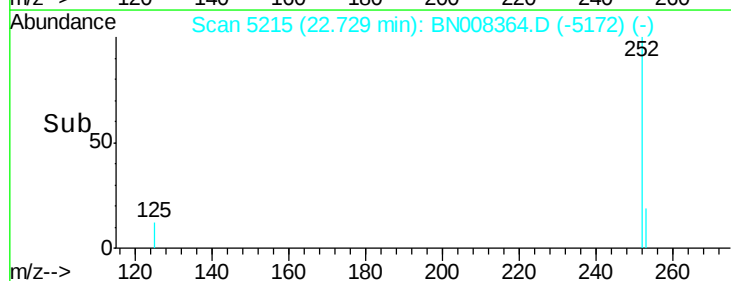
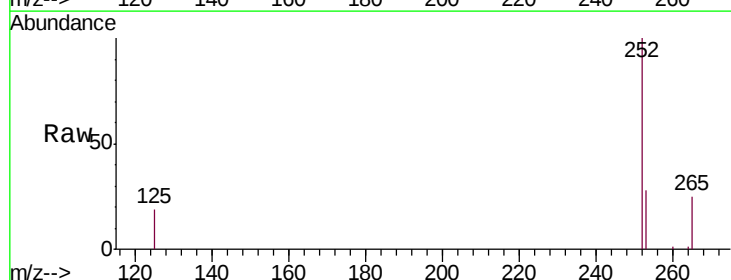
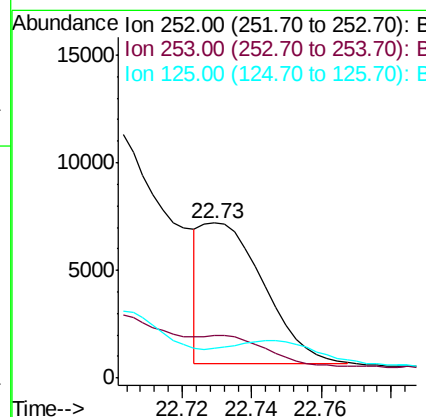
RT: 22.73 min Scan# 5215

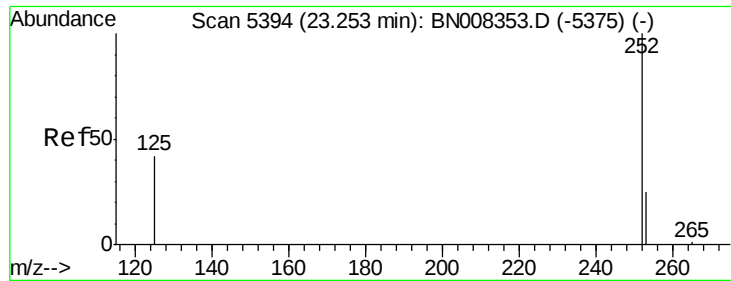
Delta R.T. -0.02 min

Lab File: BN008364.D

Acq: 23 Oct 2019 23:54

Tgt Ion:	252	Resp:	8090
Ion Ratio	Lower	Upper	
252	100		
253	27.6	21.3	31.9
125	19.2	12.3	18.5#





#23

Benzo(a)pyrene

Concen: 0.500 ng/u1

RT: 23.24 min Scan# 5390

Delta R.T. -0.02 min

Lab File: BN008364.D

Acq: 23 Oct 2019 23:54

Instrument :

BNA_N

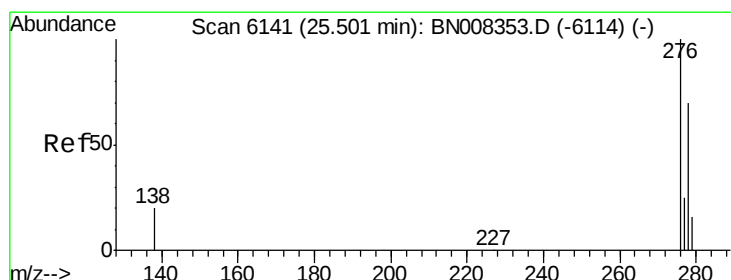
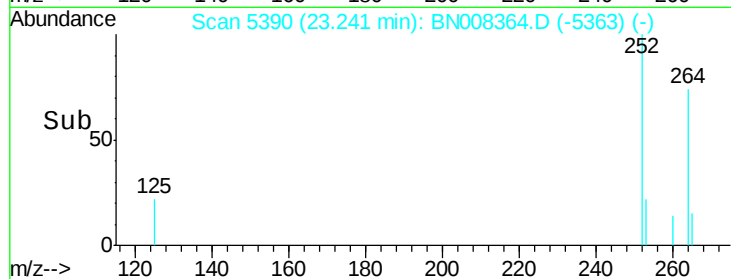
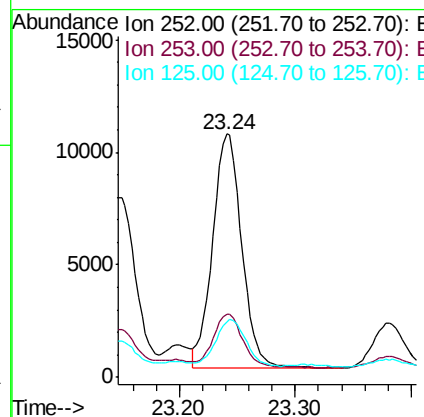
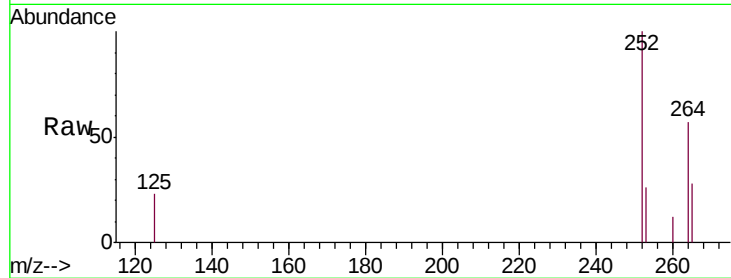
ClientSampleId :

BEPB0

Tgt Ion:	252	Resp:	18247
Ion Ratio	Lower	Upper	
252	100		
253	26.2	22.8	34.2
125	23.0	18.4	27.6

Manual Integrations
APPROVED

mohammad
10/24/2019 8:07:11 AM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.281 ng/u1

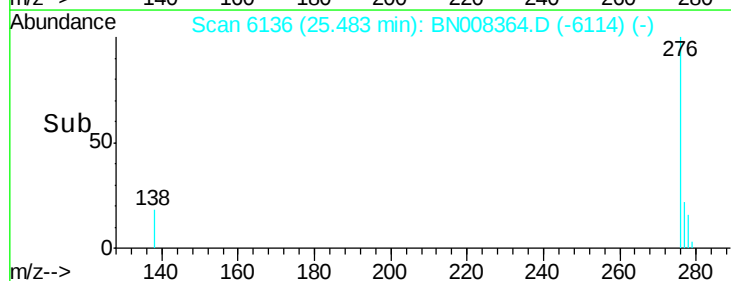
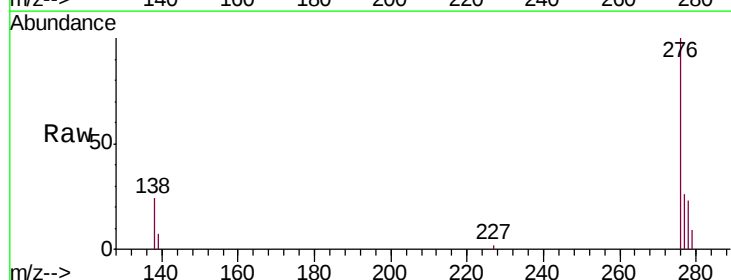
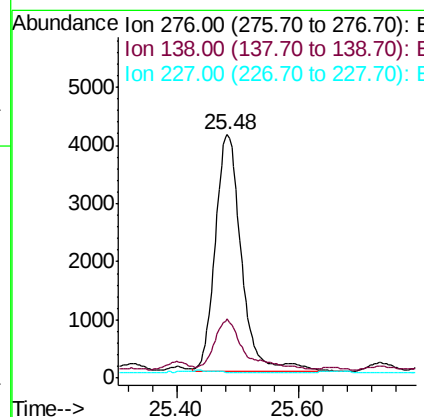
RT: 25.48 min Scan# 6136

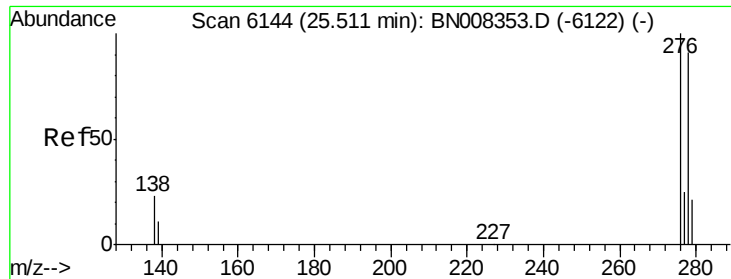
Delta R.T. -0.03 min

Lab File: BN008364.D

Acq: 23 Oct 2019 23:54

Tgt Ion:	276	Resp:	12098
Ion Ratio	Lower	Upper	
276	100		
138	22.8	16.1	24.1
227	0.0	0.2	0.2#





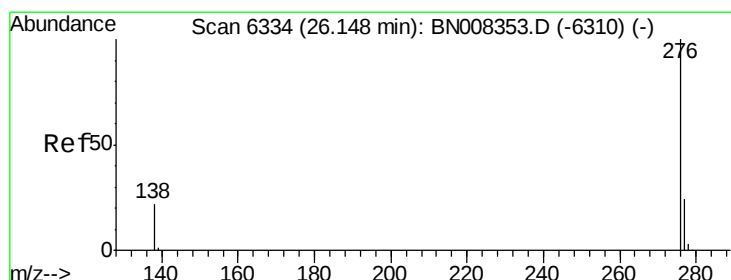
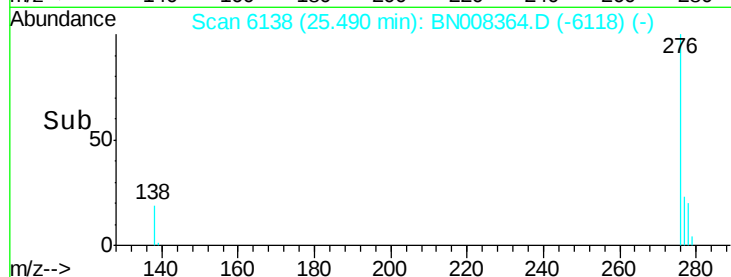
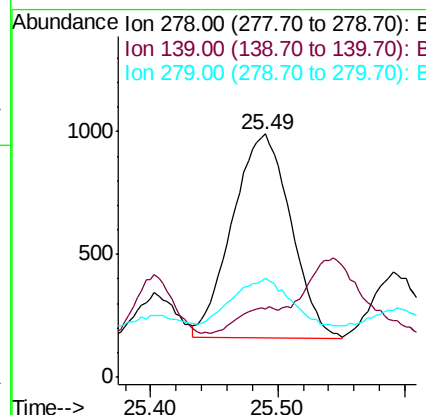
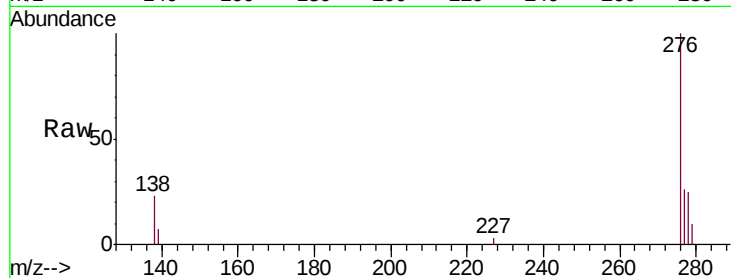
#25
Dibenzo(a,h)anthracene
Concen: 0.078 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.03 min
Lab File: BN008364.D
Acq: 23 Oct 2019 23:54

Instrument :
BNA_N
ClientSampleId :
BEPB0

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.0	15.0	22.6#
279	40.4	22.4	33.6#

Manual Integrations
APPROVED

mohammad
10/24/2019 8:07:11 AM



#26
Benzo(g,h,i)perylene
Concen: 0.295 ng/ul
RT: 26.14 min Scan# 6331
Delta R.T. -0.03 min
Lab File: BN008364.D
Acq: 23 Oct 2019 23:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	17.0	25.4
277	25.5	20.4	30.6

