

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
 Data File : BN006178.D
 Acq On : 07 Jun 2019 21:38
 Operator : JU/SJ
 Sample : K3201-16DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7DL

Manual Integrations
 APPROVED

mohammad
 6/11/2019 5:09:00 PM

Quant Time: Jun 08 03:35:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5371	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	20238	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10145	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	21690	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	18042	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	29378	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1744	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	4211	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	30078	0.539	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	8970	0.230	ng/ul	99
7) Acenaphthylene	14.01	152	43954	0.779	ng/ul	99
8) Acenaphthene	14.36	153	27111	0.693	ng/ul	99
9) Fluorene	15.35	166	33154	0.724	ng/ul	98
12) Phenanthrene	17.09	178	625159	8.979	ng/ul	100
13) Anthracene	17.18	178	119350	1.795	ng/ul	99
15) Fluoranthene	19.12	202	1065918	13.864	ng/ul	96
17) Pyrene	19.49	202	960174	10.103	ng/ul	99
18) Benzo(a)anthracene	21.25	228	492631	6.174	ng/ul	100
19) Chrysene	21.30	228	504588	6.736	ng/ul	98
21) Benzo(b)fluoranthene	22.82	252	618826m	5.052	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	229787m	1.926	ng/ul	
23) Benzo(a)pyrene	23.39	252	433644	3.801	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.72	276	277165	2.244	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.72	278	76328	0.773	ng/ul	95
26) Benzo(a,h,i)perylene	26.40	276	222745	2.154	ng/ul	94

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

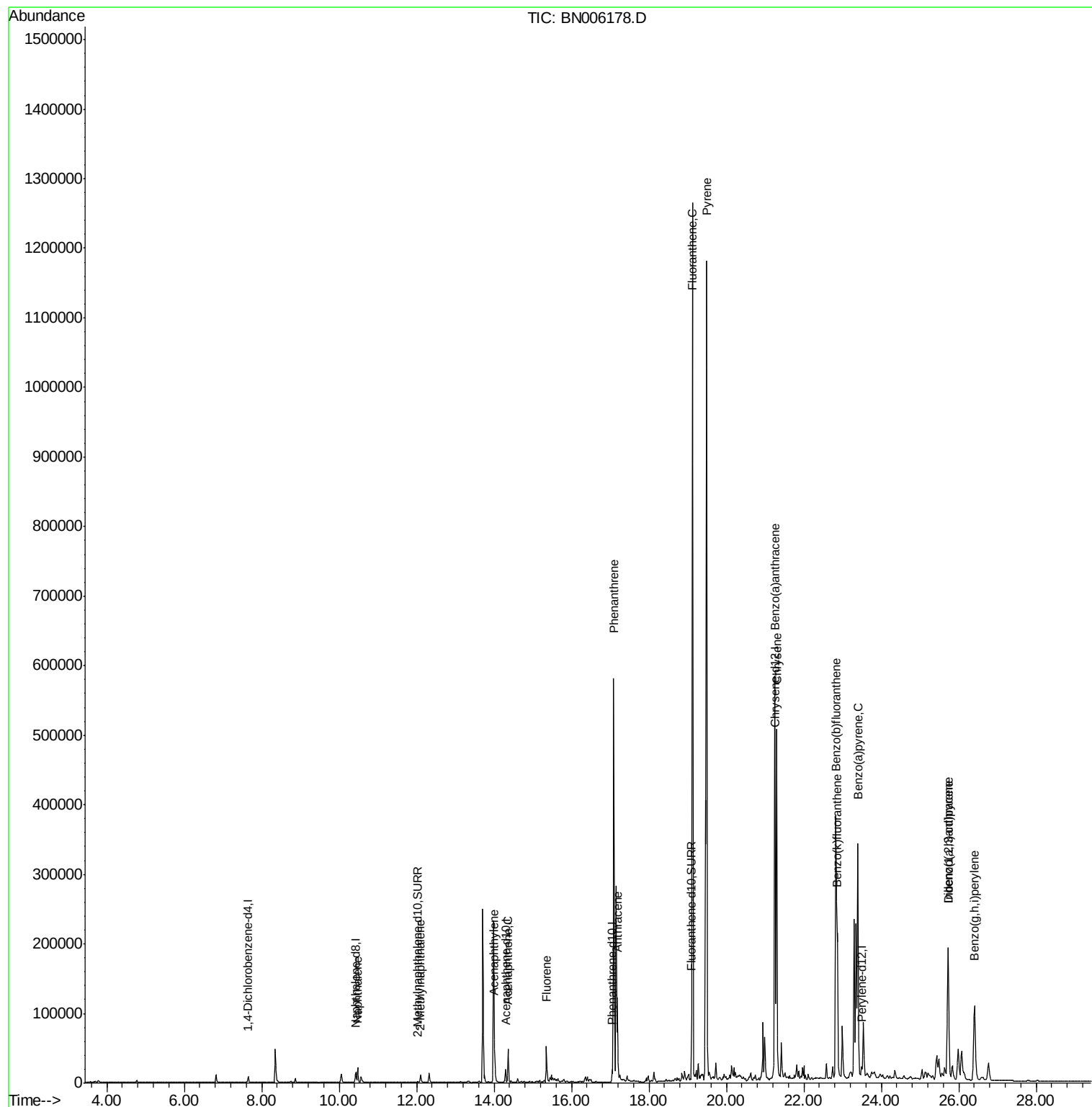
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006178.D
Acq On : 07 Jun 2019 21:38
Operator : JU/SJ
Sample : K3201-16DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

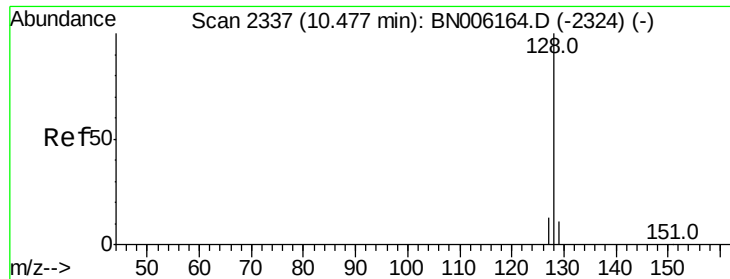
Instrument :
BNA_N
ClientSampleId :
C0AC7DL

Manual Integrations
APPROVED

mohammad
6/11/2019 5:09:00 PM

Quant Time: Jun 08 03:35:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.539 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BN006178.D

Acq: 07 Jun 2019 21:38

Instrument :

BNA_N

ClientSampleId :

C0AC7DL

Tot Ion:128 Resp: 30078

Ion Ratio Lower Upper

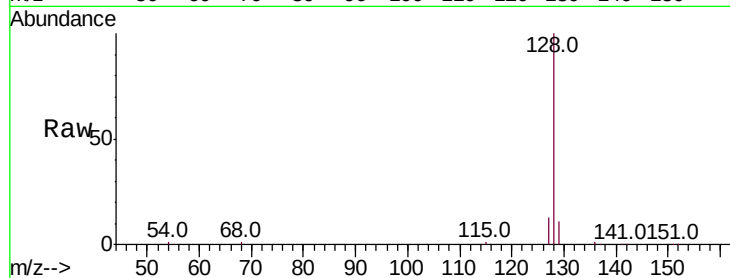
128 100

129 11.4 9.3 13.9

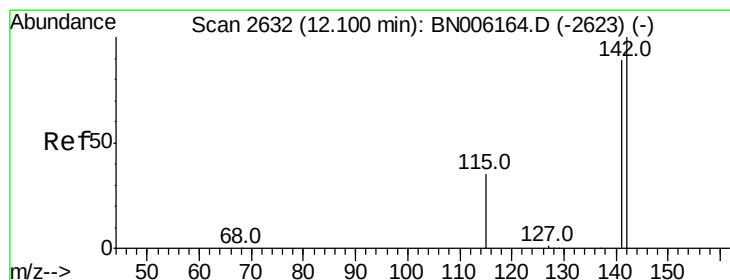
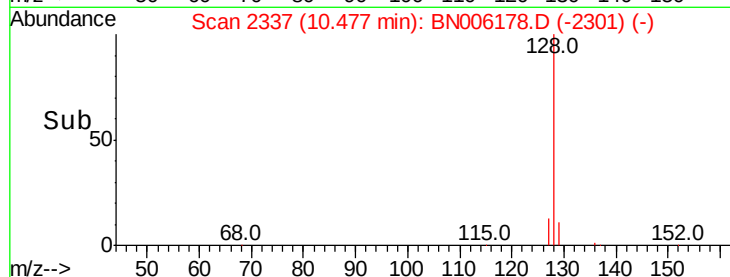
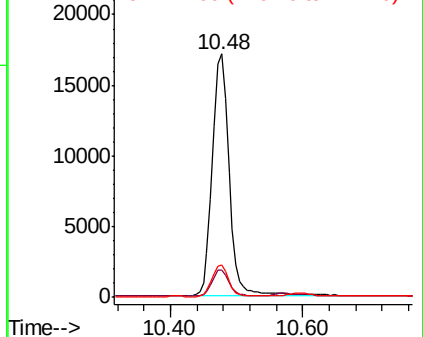
127 13.2 10.7 16.1

Manual Integrations
APPROVED

mohammad
6/11/2019 5:09:00 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: 0.230 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN006178.D

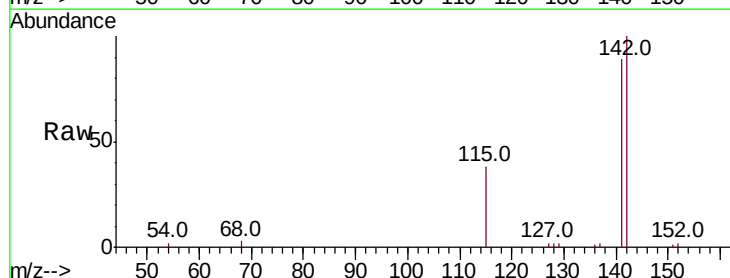
Acq: 07 Jun 2019 21:38

Tgt Ion:142 Resp: 8970

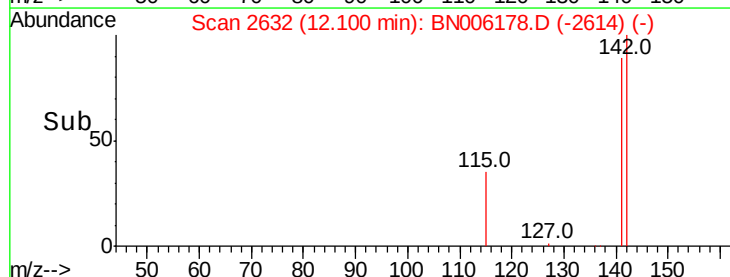
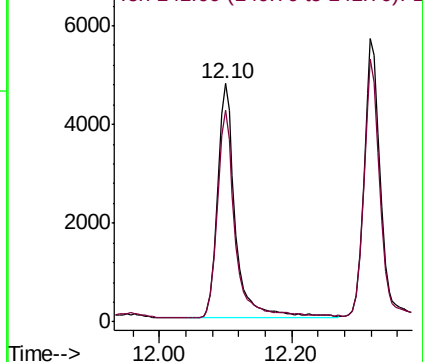
Ion Ratio Lower Upper

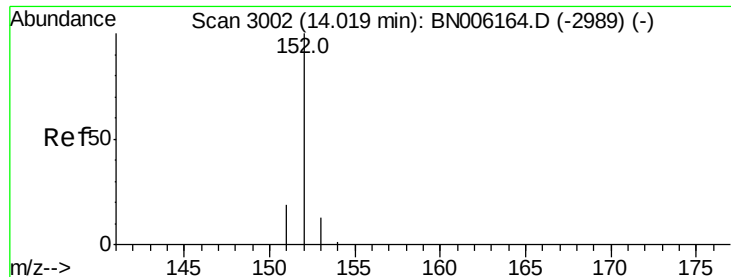
142 100

141 88.4 70.3 105.5



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





#7

Acenaphthylene

Concen: 0.779 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006178.D

Acq: 07 Jun 2019 21:38

Instrument :

BNA_N

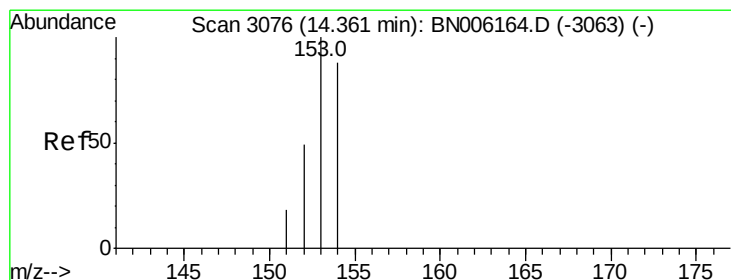
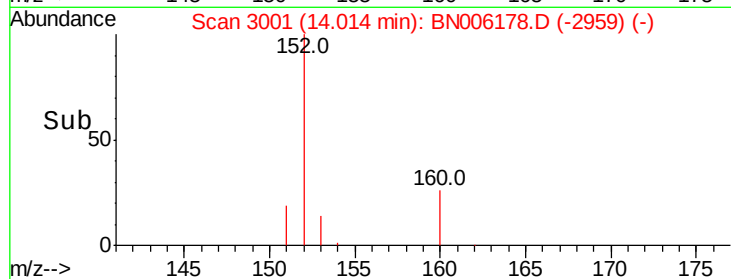
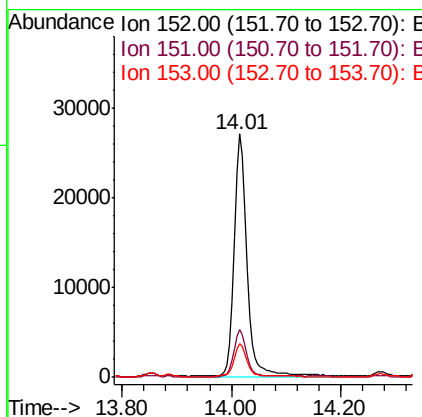
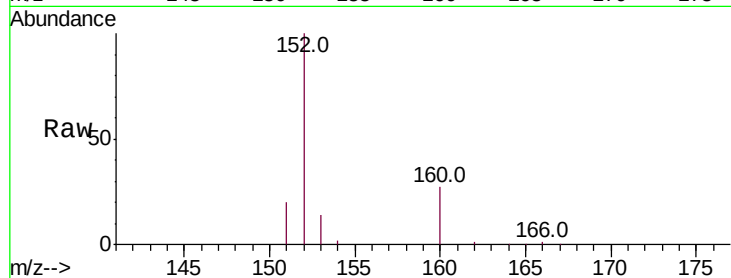
ClientSampleId :

C0AC7DL

Tot Ion:	152	Resp:	43954
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.8	23.8
153	13.9	10.8	16.2

Manual Integrations
APPROVED

mohammad
6/11/2019 5:09:00 PM



#8

Acenaphthene

Concen: 0.693 ng/ul

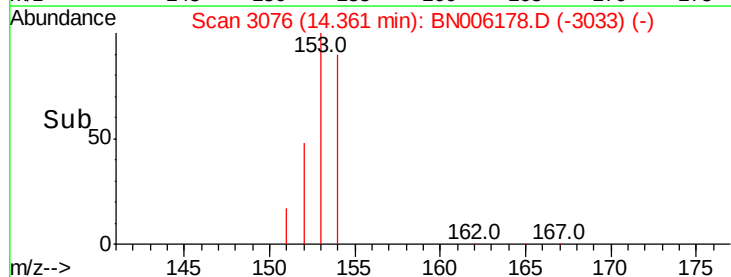
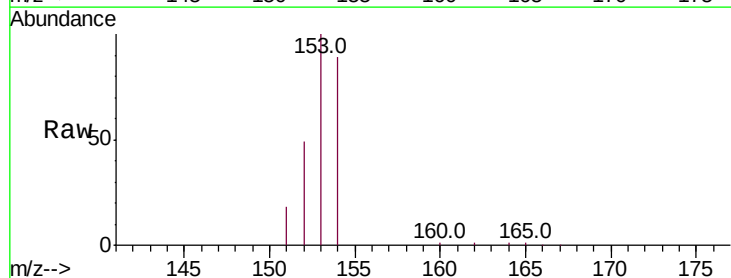
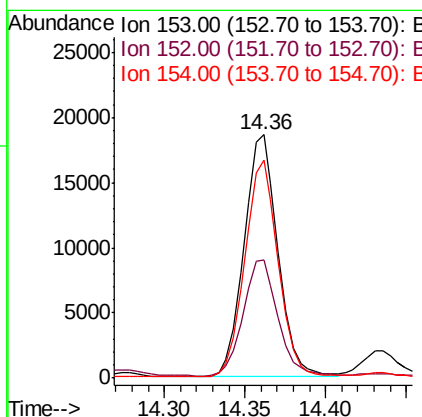
RT: 14.36 min Scan# 3076

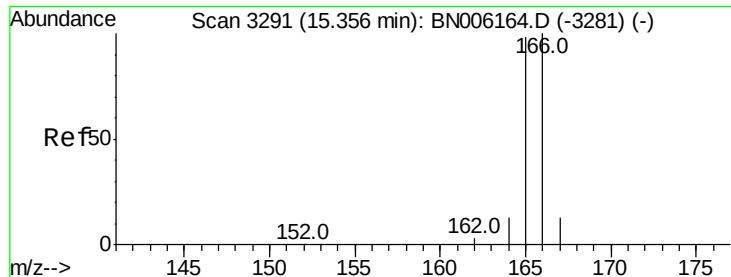
Delta R.T. -0.00 min

Lab File: BN006178.D

Acq: 07 Jun 2019 21:38

Tgt Ion:	153	Resp:	27111
Ion Ratio	Lower	Upper	
153	100		
152	48.6	39.1	58.7
154	89.5	71.1	106.7





#9

Fluorene

Concen: 0.724 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006178.D

Acq: 07 Jun 2019 21:38

Instrument :

BNA_N

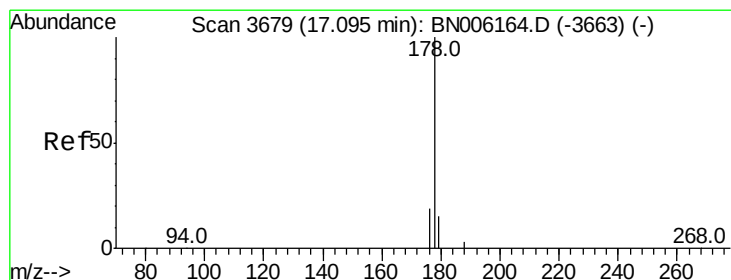
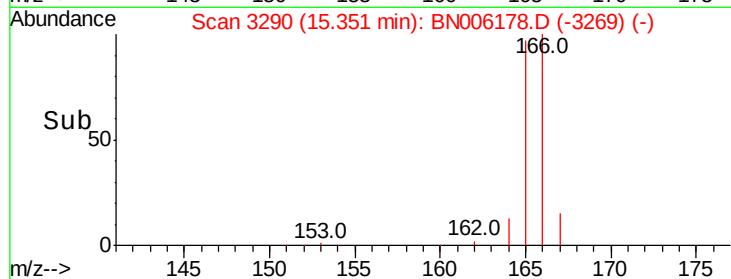
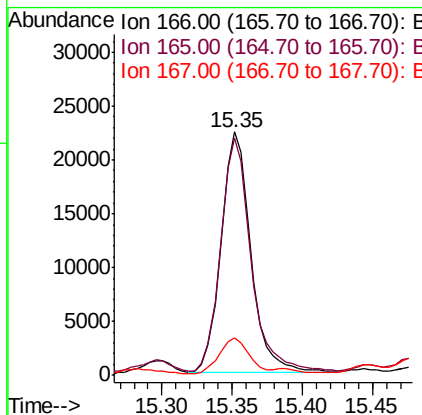
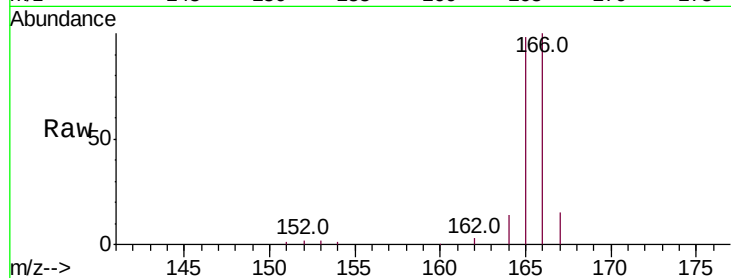
ClientSampleId :

C0AC7DL

Tot Ion:	166	Resp:	33154
Ion Ratio	Lower	Upper	
166	100		
165	97.6	76.4	114.6
167	15.3	11.0	16.6

Manual Integrations
APPROVED

mohammad
6/11/2019 5:09:00 PM



#12

Phenanthrene

Concen: 8.979 ng/ul

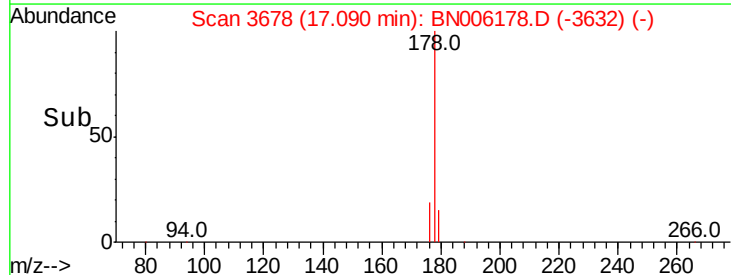
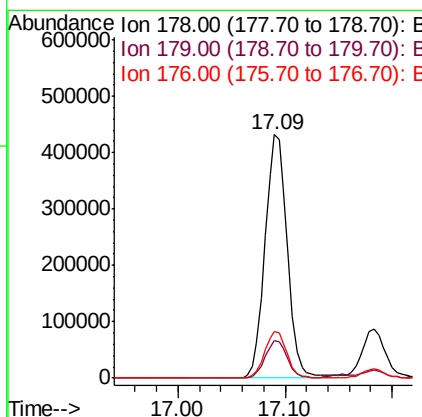
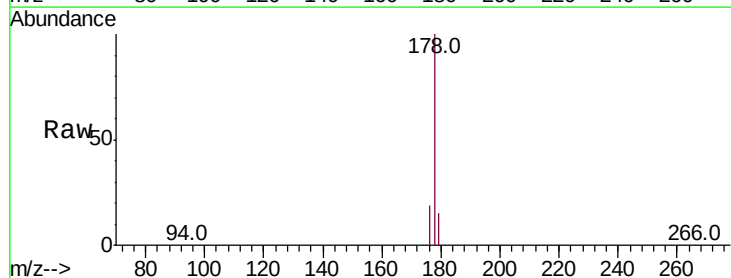
RT: 17.09 min Scan# 3678

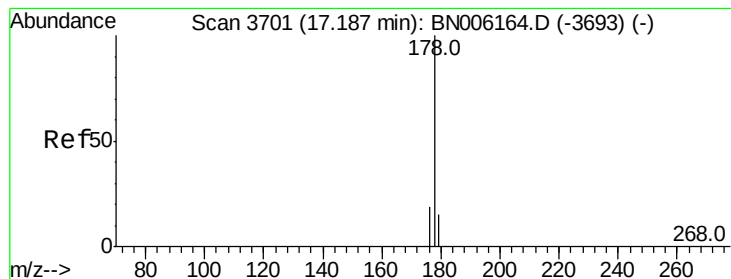
Delta R.T. -0.00 min

Lab File: BN006178.D

Acq: 07 Jun 2019 21:38

Tgt Ion:	178	Resp:	625159
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.3	18.5
176	19.3	15.3	22.9





#13

Anthracene

Concen: 1.795 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN006178.D

Acq: 07 Jun 2019 21:38

Instrument :

BNA_N

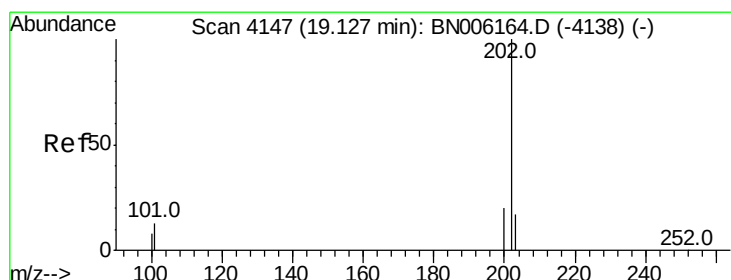
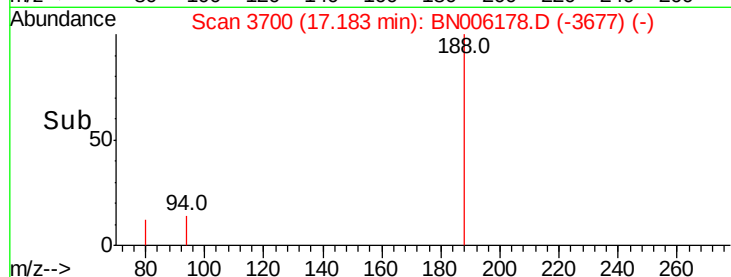
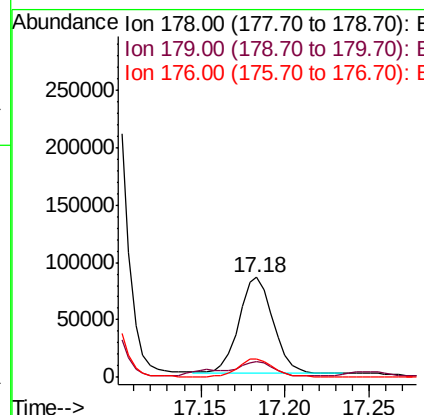
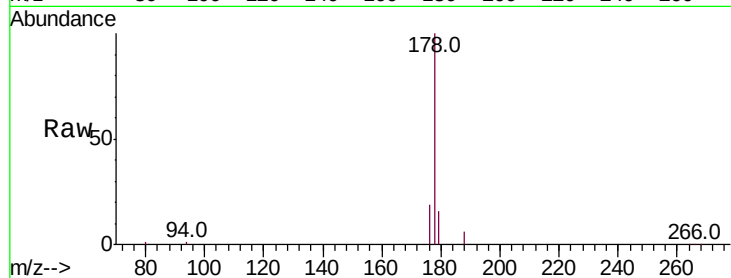
ClientSampled :

C0AC7DL

Tot Ion:	178	Resp:	119350
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.2	18.4
176	18.5	15.1	22.7

Manual Integrations
APPROVED

mohammad
6/11/2019 5:09:00 PM



#15

Fluoranthene

Concen: 13.864 ng/ul

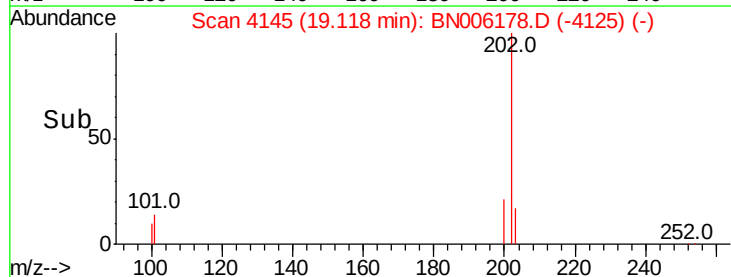
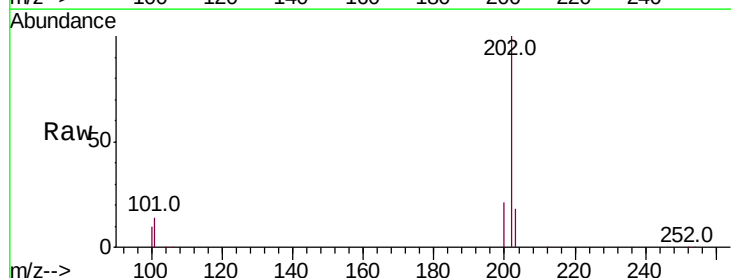
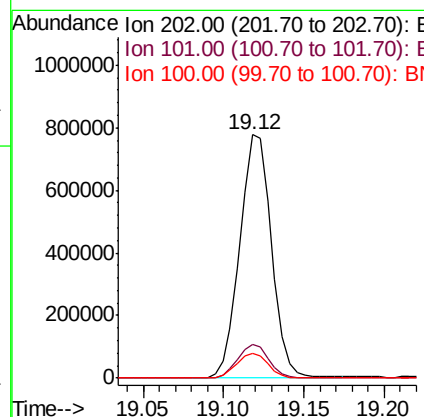
RT: 19.12 min Scan# 4145

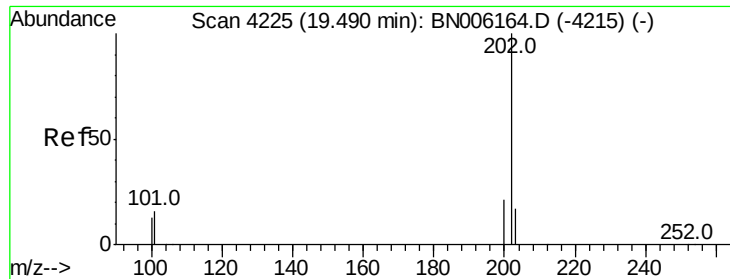
Delta R.T. -0.00 min

Lab File: BN006178.D

Acq: 07 Jun 2019 21:38

Tgt Ion:	202	Resp:	1065918
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	32.1
100	10.3	0.0	28.7





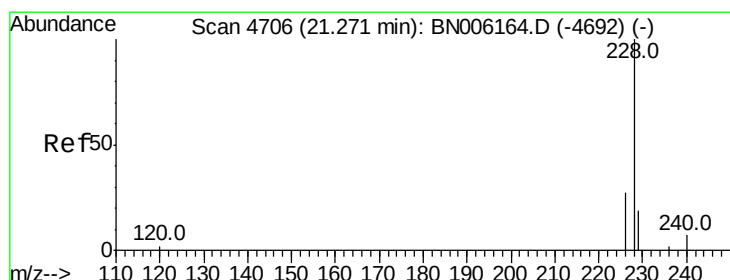
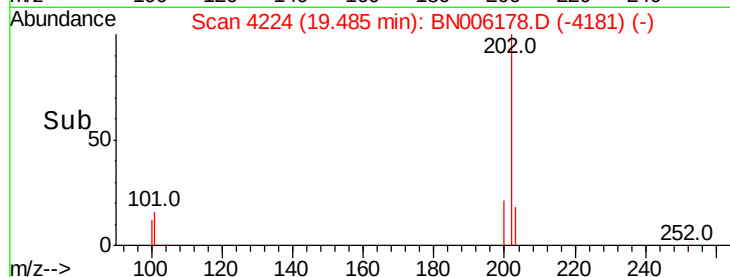
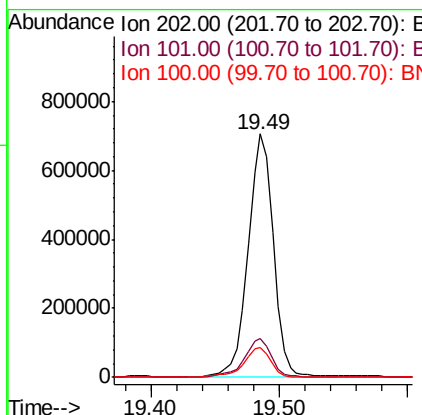
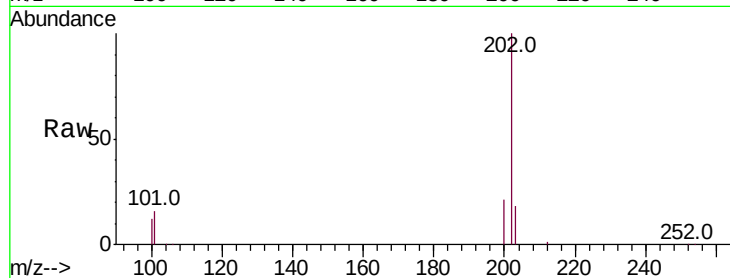
#17
Pvrene
Concen: 10.103 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006178.D
Acq: 07 Jun 2019 21:38

Instrument :
BNA_N
ClientSampleId :
C0AC7DL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.7	12.2	18.2
100	12.3	9.8	14.6

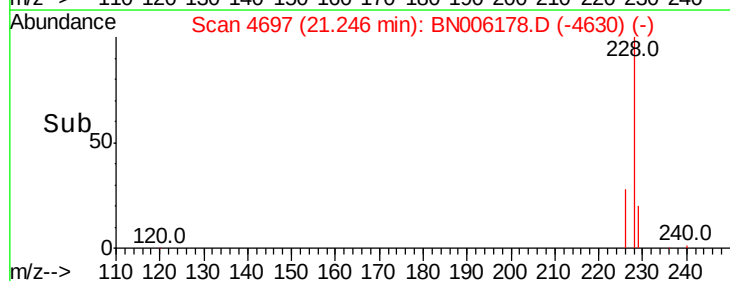
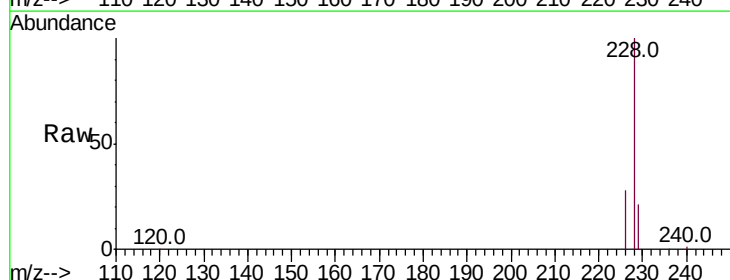
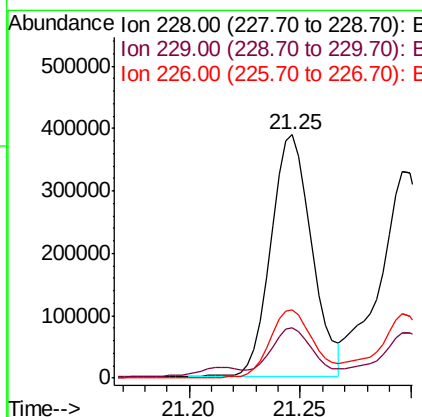
Manual Integrations
APPROVED

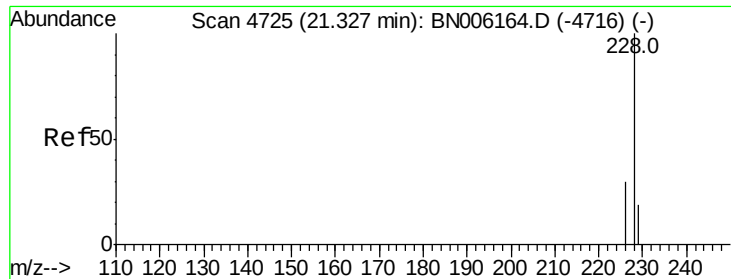
mohammad
6/11/2019 5:09:00 PM



#18
Benzo(a)anthracene
Concen: 6.174 ng/ul
RT: 21.25 min Scan# 4697
Delta R.T. -0.00 min
Lab File: BN006178.D
Acq: 07 Jun 2019 21:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.6	16.5	24.7
226	28.3	22.8	34.2





#19

Chrysene

Concen: 6.736 ng/ul

RT: 21.30 min Scan# 4714

Delta R.T. -0.00 min

Lab File: BN006178.D

Acq: 07 Jun 2019 21:38

Instrument :

BNA_N

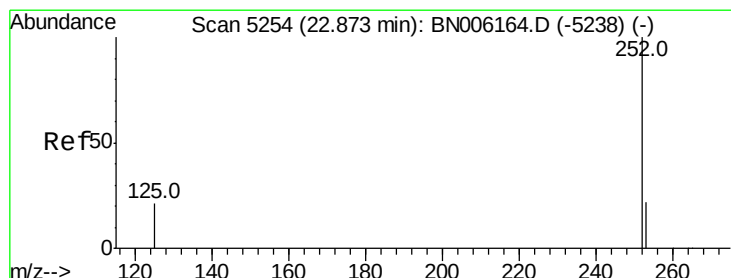
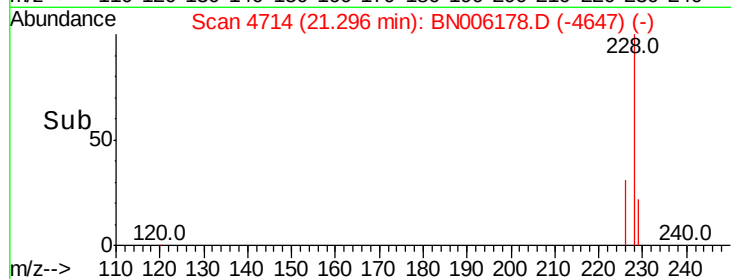
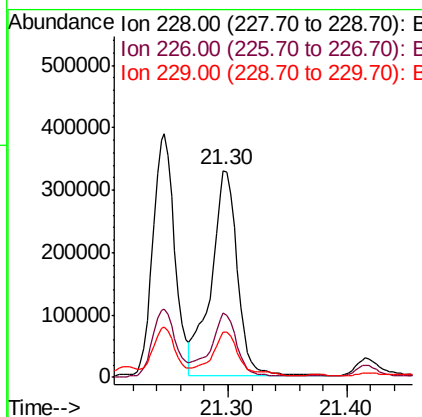
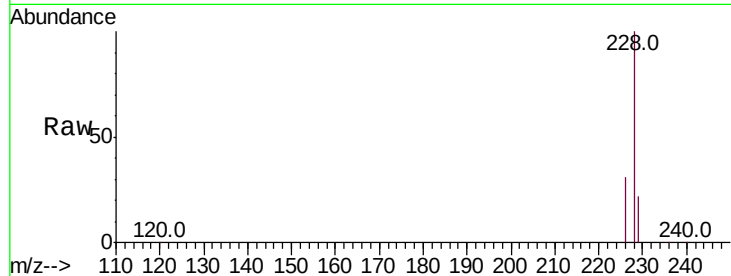
ClientSampled :

C0AC7DL

Tot Ion:	228	Resp:	504588
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.0	37.6
229	22.0	16.3	24.5

Manual Integrations
APPROVED

mohammad
6/11/2019 5:09:00 PM



#21

Benzo(b)fluoranthene

Concen: 5.052 ng/ul m

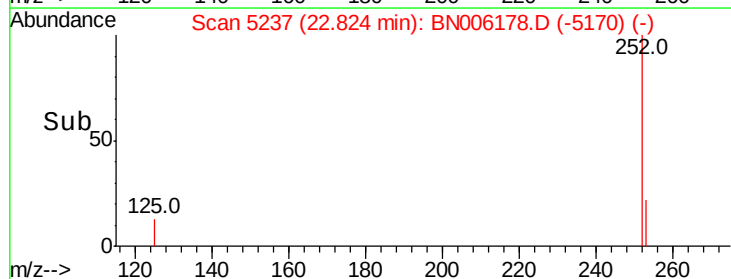
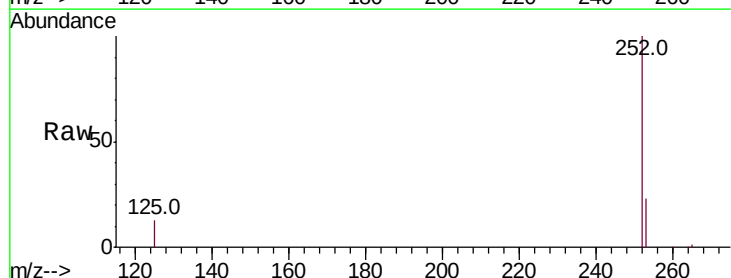
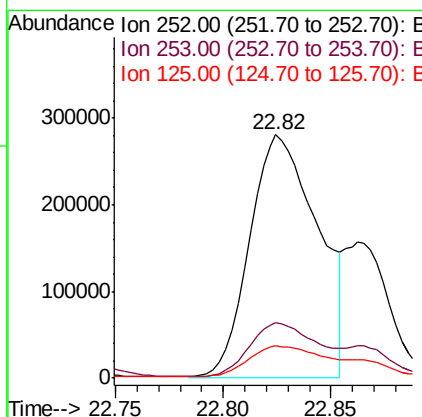
RT: 22.82 min Scan# 5237

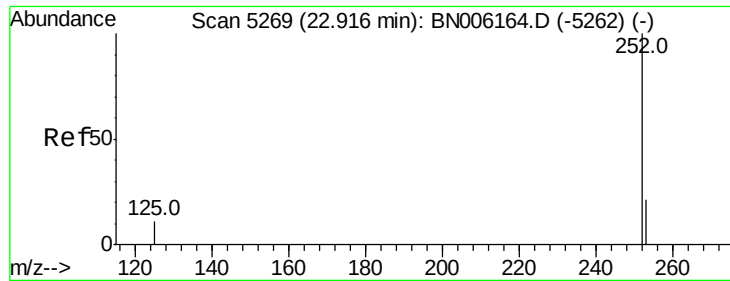
Delta R.T. -0.00 min

Lab File: BN006178.D

Acq: 07 Jun 2019 21:38

Tgt Ion:	252	Resp:	618826
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	51.4
125	13.2	0.0	41.0





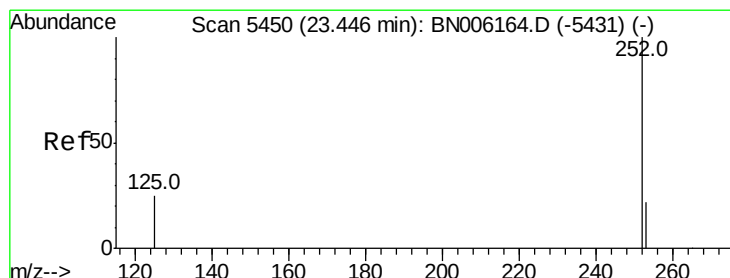
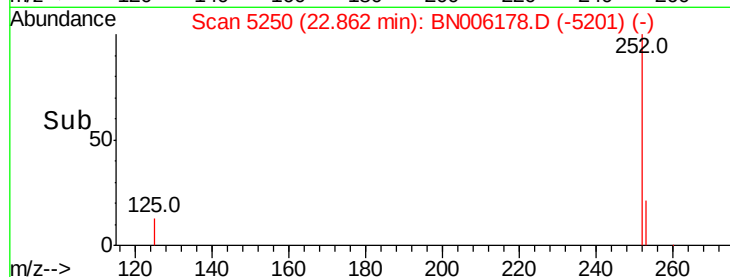
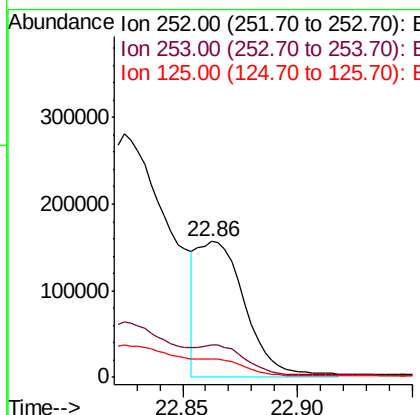
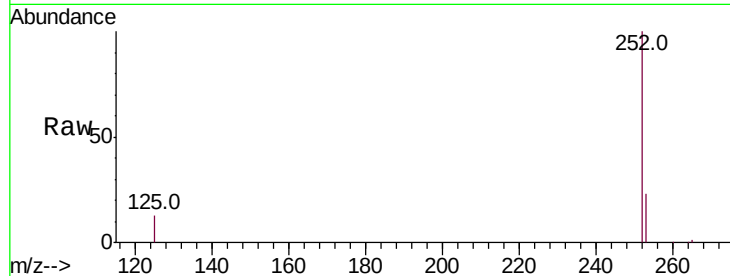
#22
Benzo(k)fluoranthene
Concen: 1.926 ng/ul m
RT: 22.86 min Scan# 5250
Delta R.T. -0.01 min
Lab File: BN006178.D
Acq: 07 Jun 2019 21:38

Instrument :
BNA_N
ClientSampleId :
C0AC7DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	229787		
253	23.5	20.3	30.5	
125	13.4	14.3	21.5	#

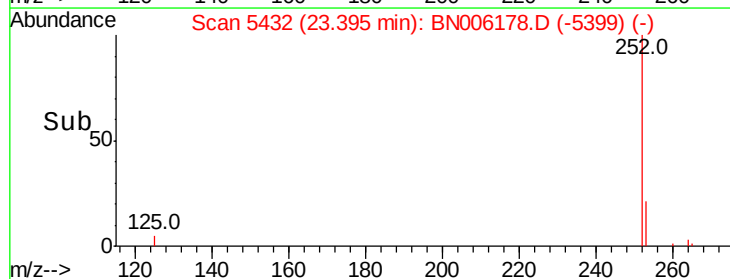
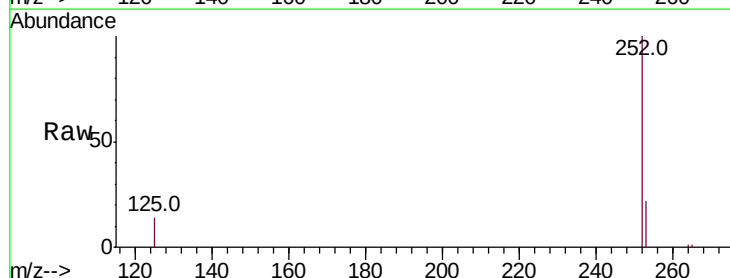
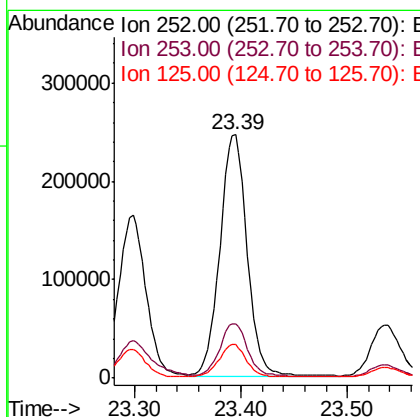
Manual Integrations
APPROVED

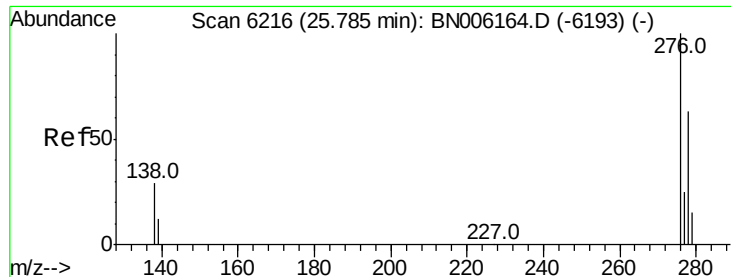
mohammad
6/11/2019 5:09:00 PM



#23
Benzo(a)pyrene
Concen: 3.801 ng/ul
RT: 23.39 min Scan# 5432
Delta R.T. -0.00 min
Lab File: BN006178.D
Acq: 07 Jun 2019 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	433644		
253	22.5	21.1	31.7	
125	13.6	20.3	30.5	#





#24

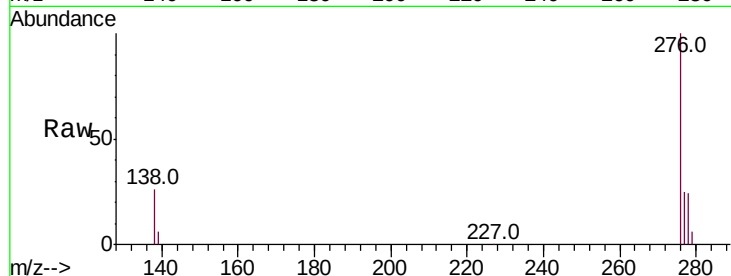
Indeno(1,2,3-cd)pyrene
Concen: 2.244 ng/ul
RT: 25.72 min Scan# 6197
Delta R.T. -0.01 min
Lab File: BN006178.D
Acq: 07 Jun 2019 21:38

Instrument :
BNA_N
ClientSampleId :
C0AC7DL

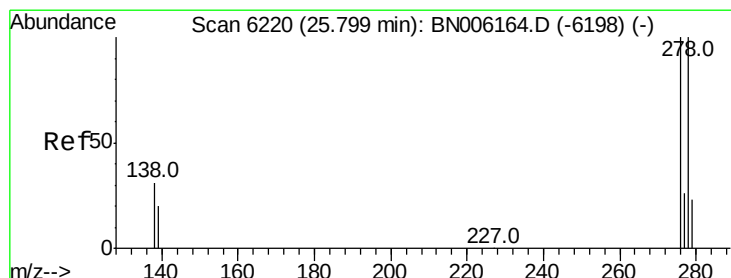
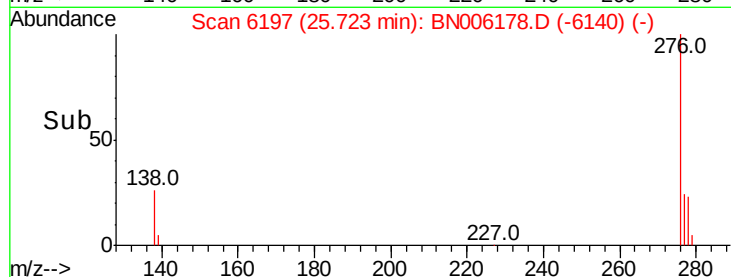
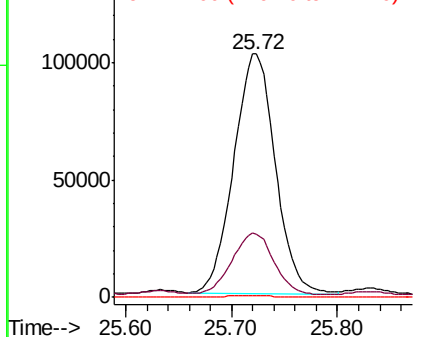
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	25.6	38.4
227	0.2	0.3	0.5

Manual Integrations
APPROVED

mohammad
6/11/2019 5:09:00 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

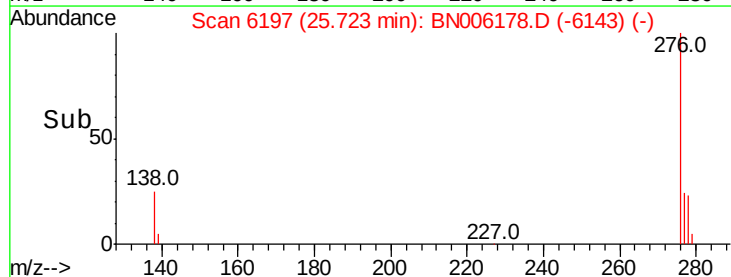
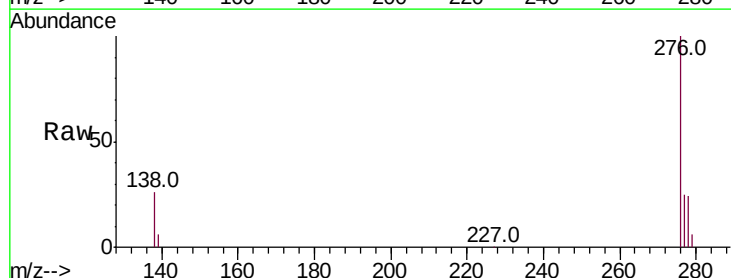
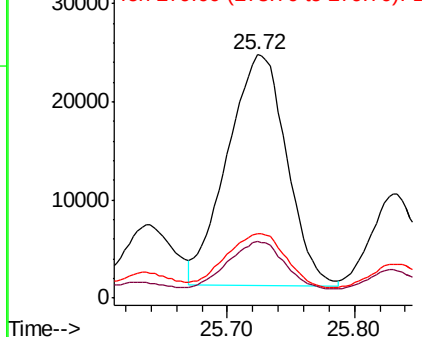


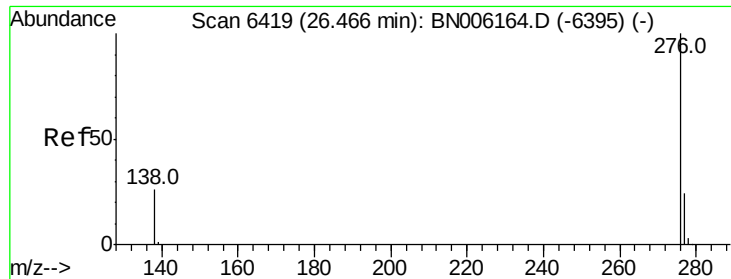
#25

Dibenzo(a,h)anthracene
Concen: 0.773 ng/ul
RT: 25.72 min Scan# 6197
Delta R.T. -0.02 min
Lab File: BN006178.D
Acq: 07 Jun 2019 21:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	21.2	31.8
279	26.6	22.6	33.8

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: 2.154 ng/ul

RT: 26.40 min Scan# 6399

Delta R.T. -0.01 min

Lab File: BN006178.D

Acq: 07 Jun 2019 21:38

Instrument :

BNA_N

ClientSampleId :

C0AC7DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	222745		
138	27.0		24.2	36.4
277	24.2		21.5	32.3

Manual Integrations
APPROVED

mohammad
6/11/2019 5:09:00 PM

