

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062119\
 Data File : BN006476.D
 Acq On : 21 Jun 2019 21:41
 Operator : HP/JU
 Sample : K3335-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4235

Manual Integrations
 APPROVED

mohammad
 6/25/2019 8:35:21 AM

Quant Time: Jun 21 23:08:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 22:42:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	220616	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1009041	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	591501	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1317949	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1129815	20.00	ng/ul	-0.02
85) Perylene-d12	23.47	264	1042968	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	22322	3.95	ng/uL	0.00
5) Phenol-d5	6.80	99	391074	16.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	273194	18.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	306944	17.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	256659	13.77	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	153804	19.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	165032	18.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	289735	17.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	347817	17.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	986824	19.04	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1174563	18.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	109106	12.32	ng/ul	0.00
57) Fluorene-d10	15.28	176	852483	19.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	34088	4.09	ng/ul	0.00
70) Anthracene-d10	17.13	188	1181611	17.81	ng/ul	0.00
78) Pyrene-d10	19.45	212	1388685	21.04	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1110435	18.85	ng/ul	-0.02

Target Compounds

						Qvalue
44) Dimethylphthalate	13.74	163	383098	8.016	ng/ul	99
47) Acenaphthylene	14.00	152	94701	1.682	ng/ul	98
69) Phenanthrene	17.07	178	625252	8.601	ng/ul	99
71) Anthracene	17.17	178	155923	2.113	ng/ul	98
76) Fluoranthene	19.10	202	1397220	17.835	ng/ul	100
79) Pyrene	19.47	202	1241899	16.145	ng/ul	97
82) Benzo(a)anthracene	21.23	228	594482	7.698	ng/ul	97
84) Chrysene	21.29	228	542452	7.381	ng/ul	98
87) Benzo(b)fluoranthene	22.81	252	583425	9.321	ng/ul	98
88) Benzo(k)fluoranthene	22.85	252	201313m	3.365	ng/ul	
90) Benzo(a)pyrene	23.38	252	401181	6.684	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.71	276	233042	3.281	ng/ul	96
92) Dibenzo(a,h)anthracene	25.71	278	60925	1.036	ng/ul#	87
93) Benzo(g,h,i)perylene	26.39	276	191364	3.199	ng/ul	99

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

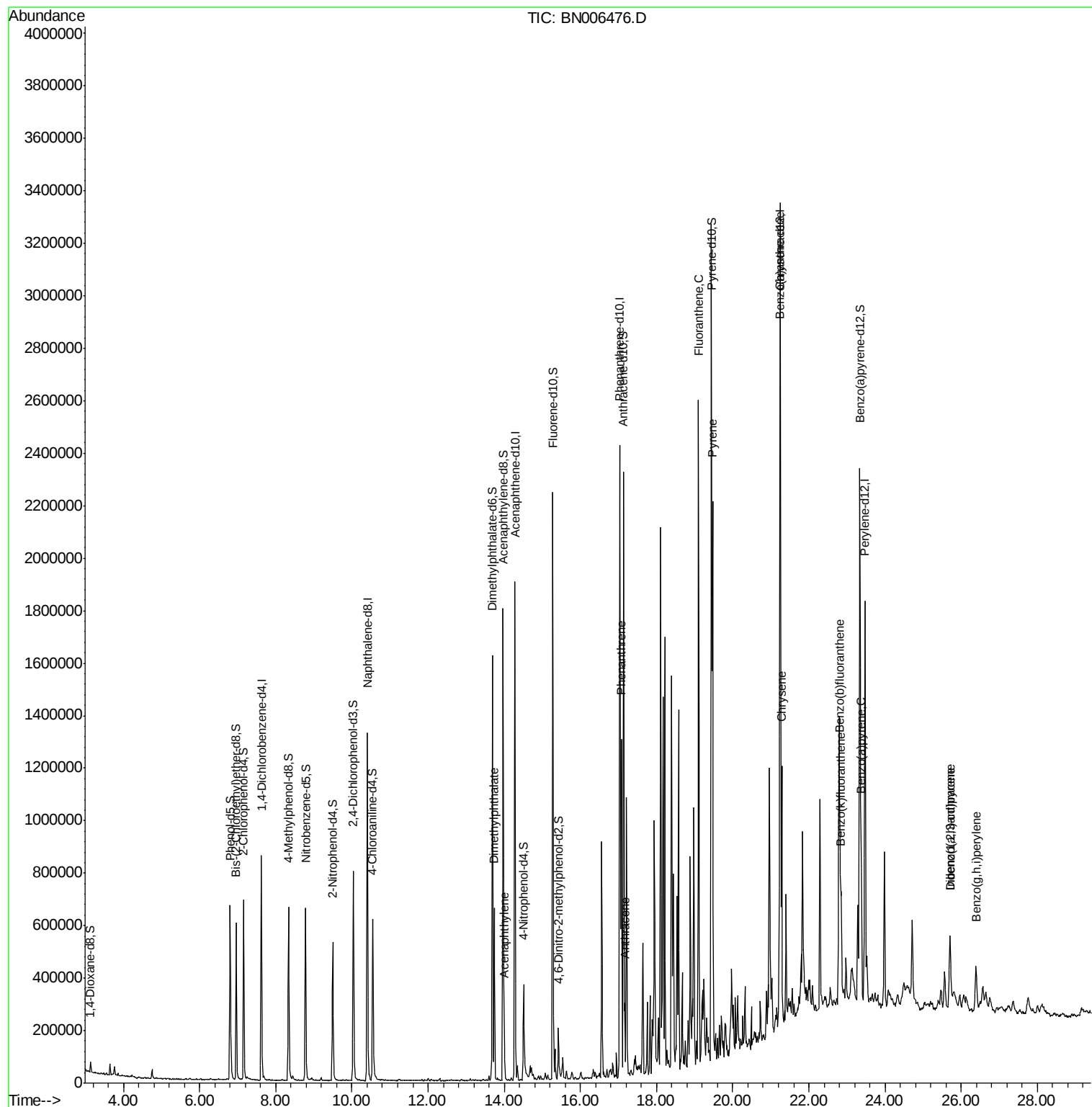
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062119\
Data File : BN006476.D
Acq On : 21 Jun 2019 21:41
Operator : HP/JU
Sample : K3335-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

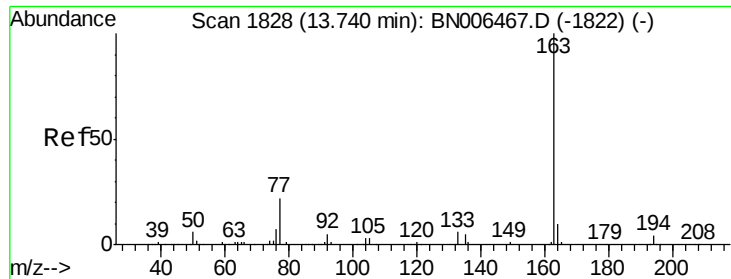
Instrument :
BNA_N
ClientSampled :
A4235

Manual Integrations
APPROVED

mohammad
6/25/2019 8:35:21 AM

Quant Time: Jun 21 23:08:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 22:42:34 2019
Response via : Initial Calibration





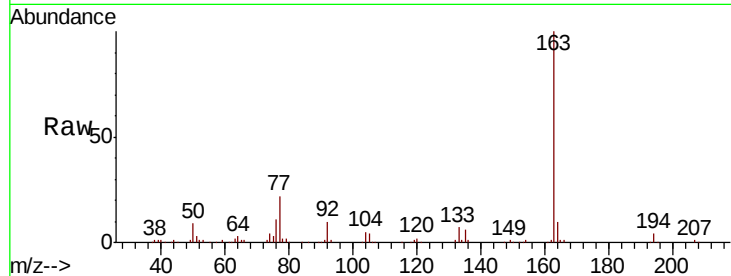
#44
Dimethylphthalate
Concen: 8.016 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BN006476.D
Acq: 21 Jun 2019 21:41

Instrument :
BNA_N
ClientSampleId :
A4235

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	383098		
194	4.0		3.4	5.0
164	10.4		8.0	12.0

Manual Integrations
APPROVED

mohammad
6/25/2019 8:35:21 AM

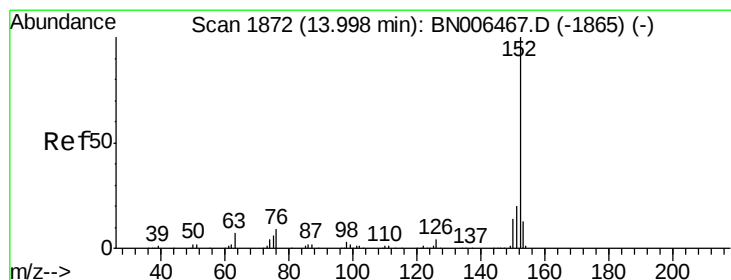
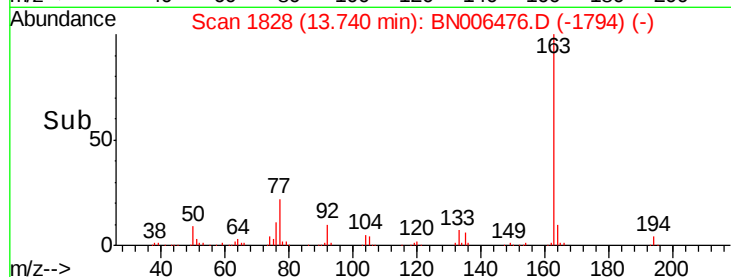
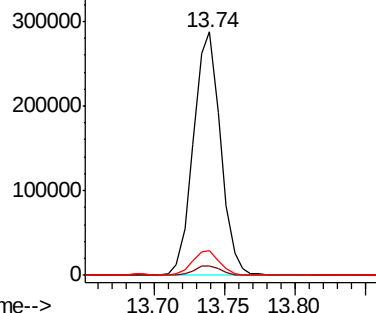


Abundance

Ion 163.00 (162.70 to 163.70): E

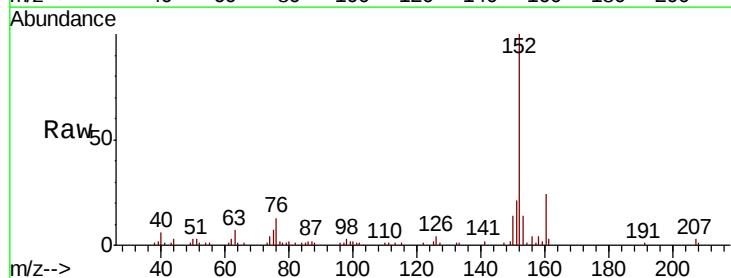
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#47
Acenaphthylene
Concen: 1.682 ng/ul
RT: 14.00 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BN006476.D
Acq: 21 Jun 2019 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	94701		
151	21.2		15.9	23.9
153	13.9		10.6	16.0

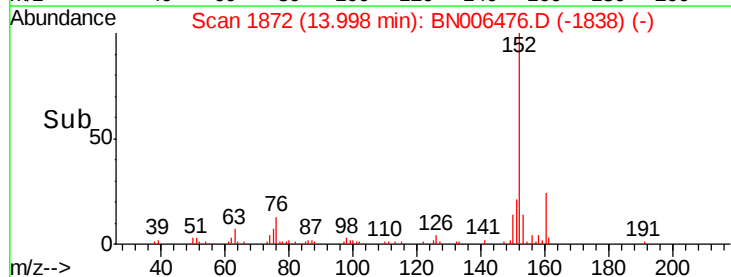
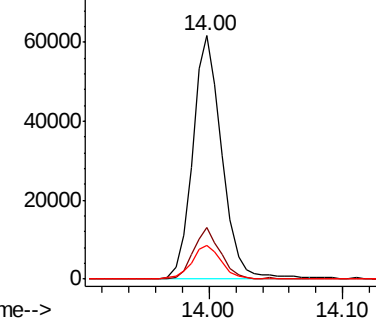


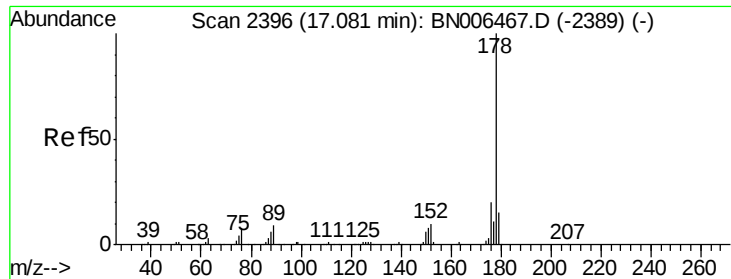
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 8.601 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BN006476.D

Acq: 21 Jun 2019 21:41

Instrument :

BNA_N

ClientSampleId :

A4235

Tgt Ion:178 Resp: 625252
Ion Ratio Lower Upper

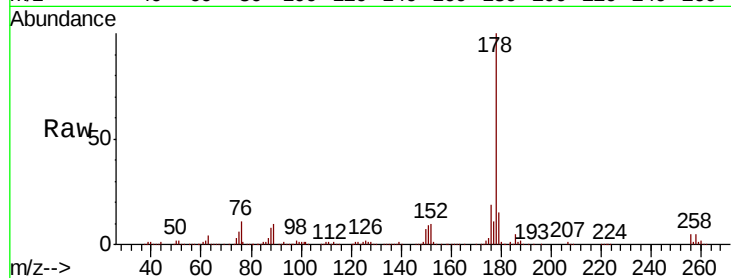
178 100

179 15.2 12.5 18.7

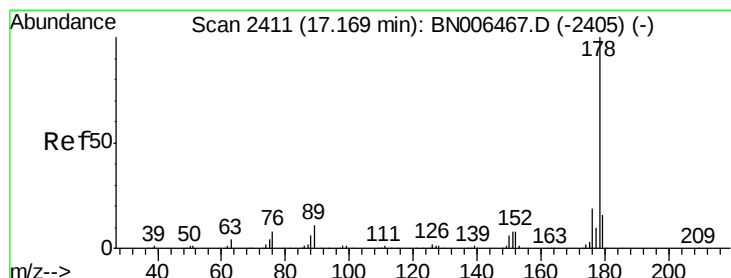
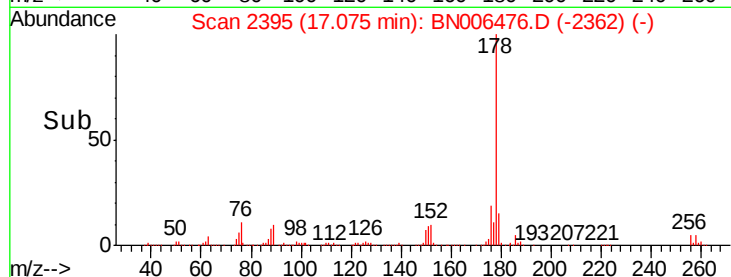
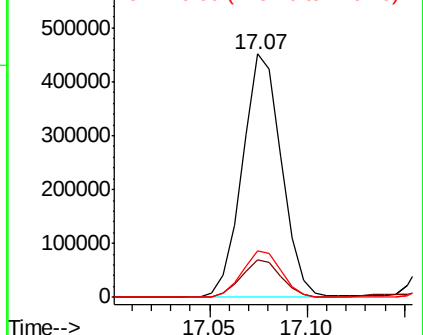
176 19.2 15.3 22.9

Manual Integrations
APPROVED

mohammad
6/25/2019 8:35:21 AM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 2.113 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BN006476.D

Acq: 21 Jun 2019 21:41

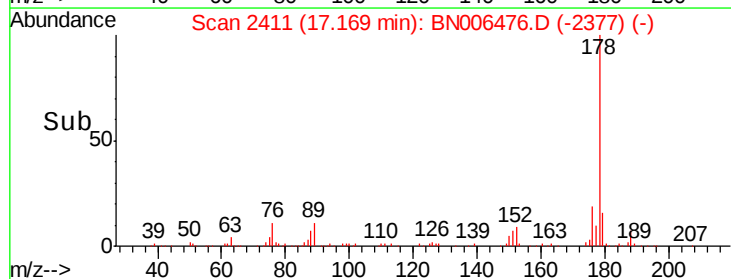
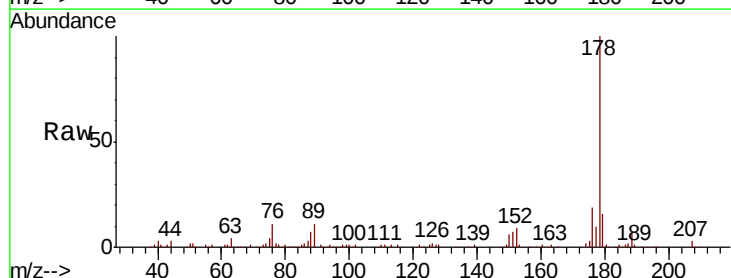
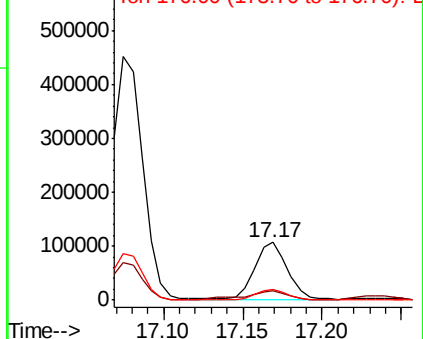
Tgt Ion:178 Resp: 155923
Ion Ratio Lower Upper

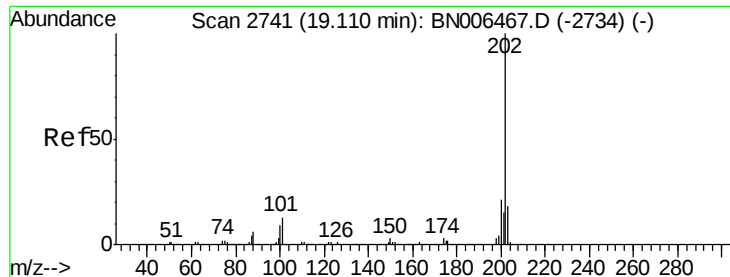
178 100

179 16.4 12.3 18.5

176 19.2 14.7 22.1

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





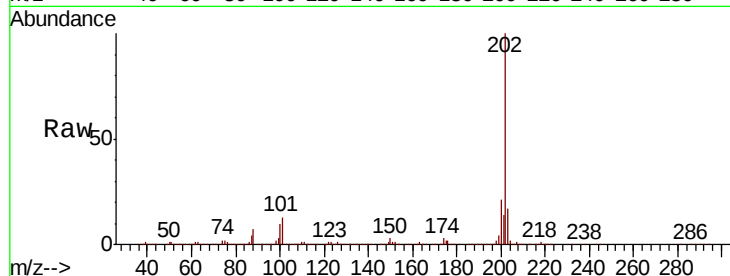
#76
Fluoranthene
Concen: 17.835 ng/ul
RT: 19.10 min Scan# 2740
Delta R.T. -0.01 min
Lab File: BN006476.D
Acq: 21 Jun 2019 21:41

Instrument :
BNA_N
ClientSampleId :
A4235

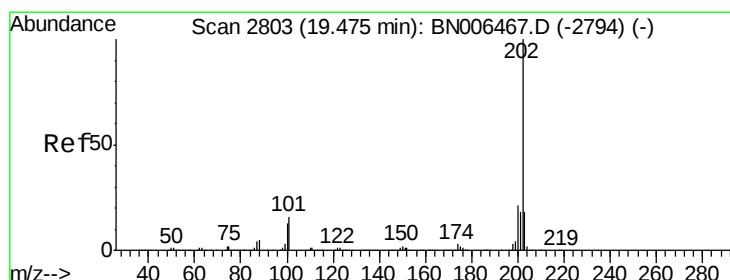
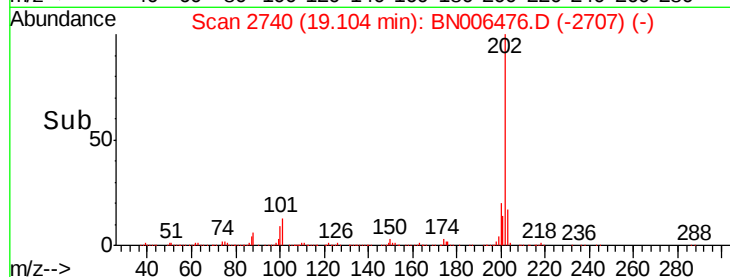
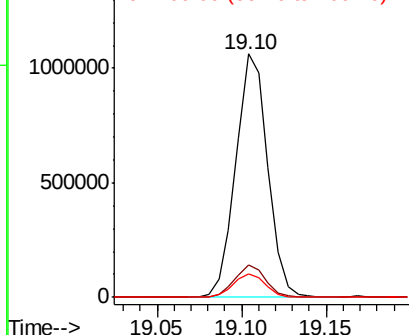
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.5	15.7
100	9.5	7.6	11.4

Manual Integrations
APPROVED

mohammad
6/25/2019 8:35:21 AM



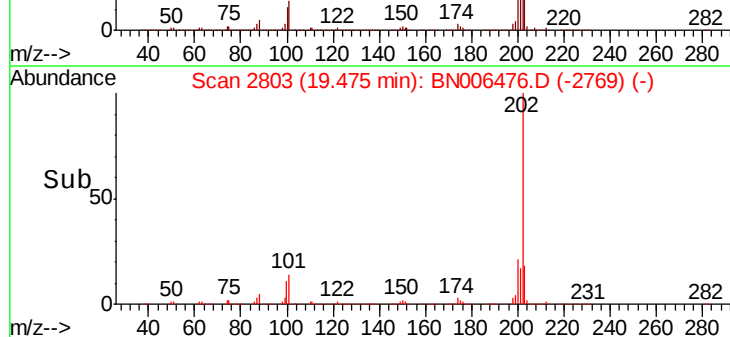
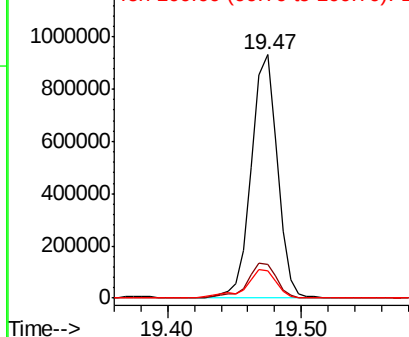
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

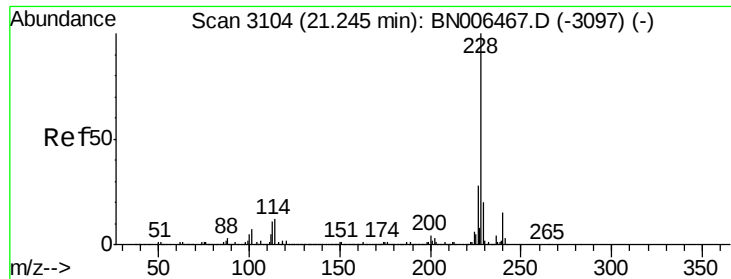


#79
Pyrene
Concen: 16.145 ng/ul
RT: 19.47 min Scan# 2803
Delta R.T. -0.00 min
Lab File: BN006476.D
Acq: 21 Jun 2019 21:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	12.2	18.4
100	11.4	9.8	14.6

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





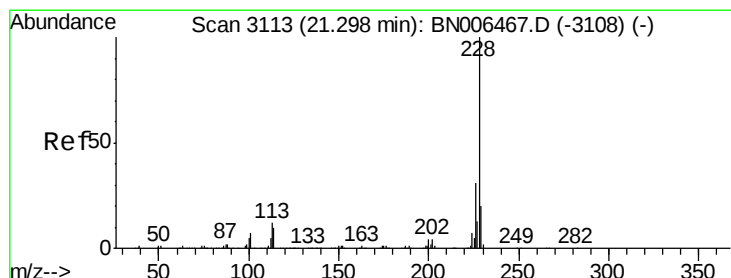
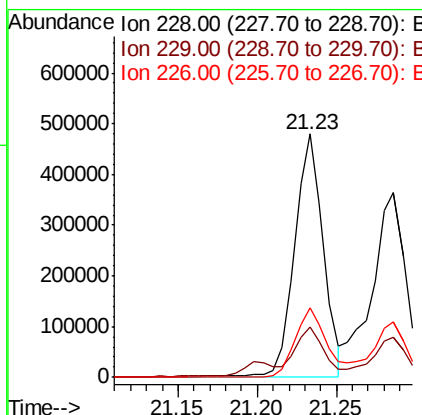
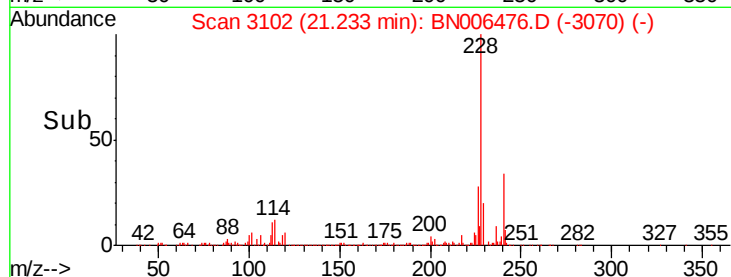
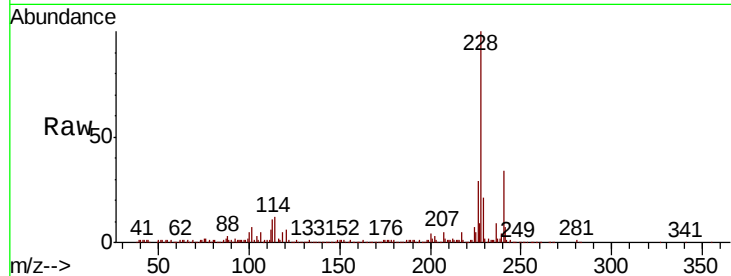
#82
Benzo(a)anthracene
Concen: 7.698 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN006476.D
Acq: 21 Jun 2019 21:41

Instrument :
BNA_N
ClientSampleId :
A4235

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.6	23.4
226	28.7	21.5	32.3

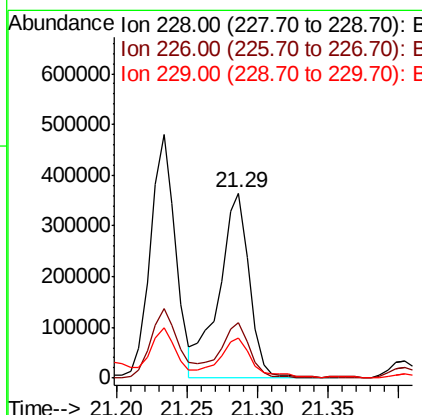
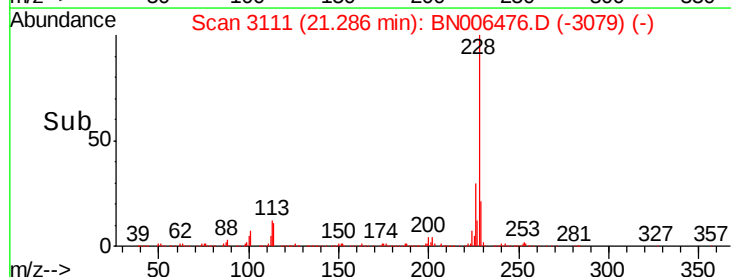
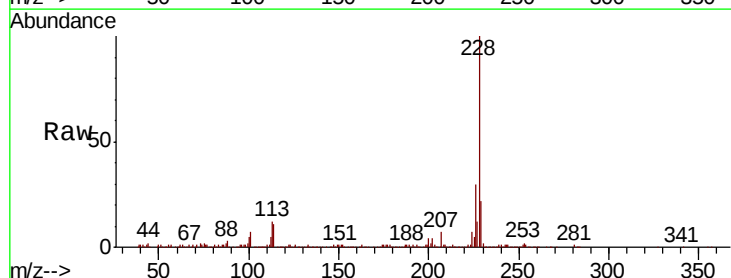
Manual Integrations
APPROVED

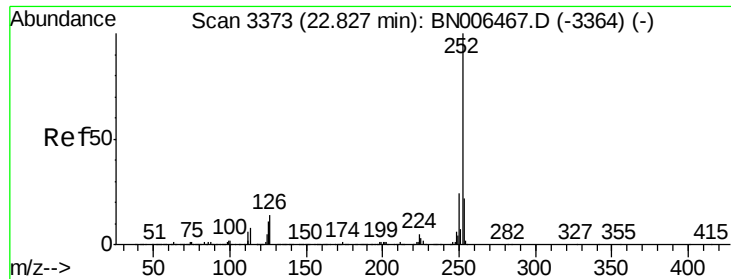
mohammad
6/25/2019 8:35:21 AM



#84
Chrysene
Concen: 7.381 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BN006476.D
Acq: 21 Jun 2019 21:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	21.5	15.9	23.9





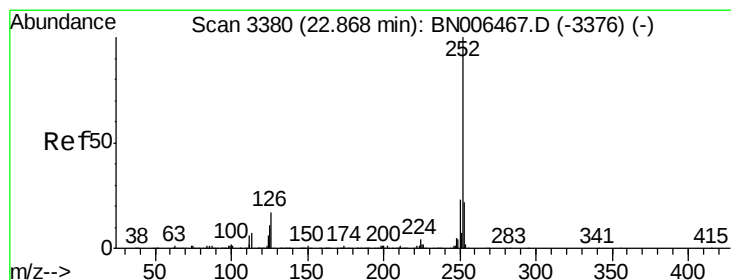
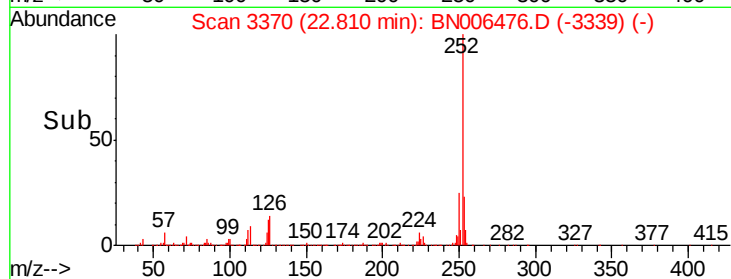
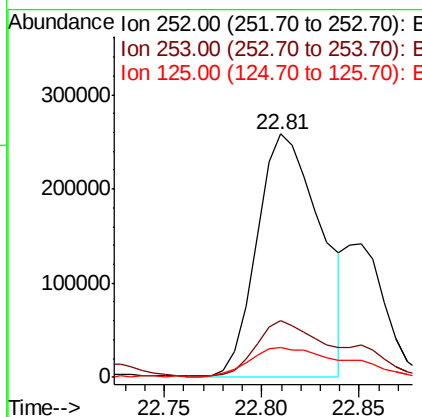
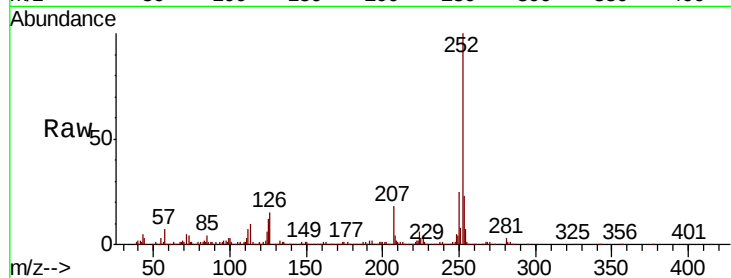
#87
Benzo(b)fluoranthene
Concen: 9.321 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. -0.02 min
Lab File: BN006476.D
Acq: 21 Jun 2019 21:41

Instrument :
BNA_N
ClientSampleId :
A4235

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.2	17.7	26.5
125	12.1	9.0	13.6

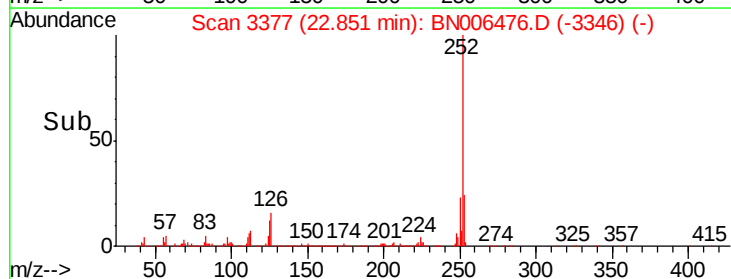
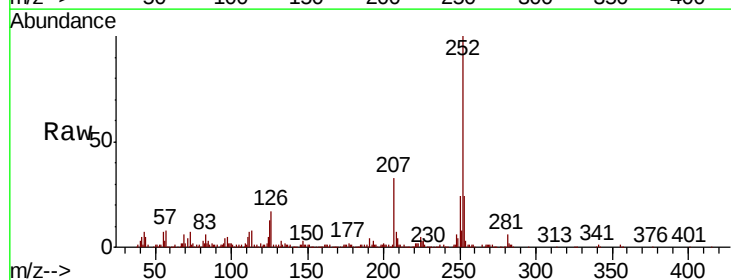
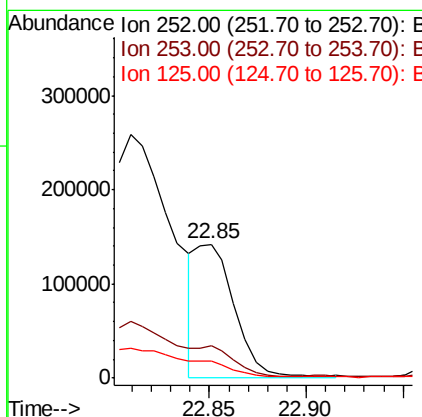
Manual Integrations
APPROVED

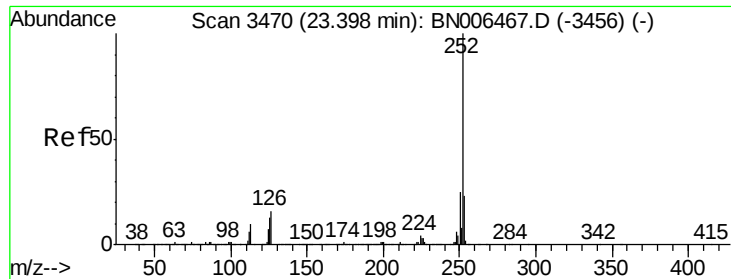
mohammad
6/25/2019 8:35:21 AM



#88
Benzo(k)fluoranthene
Concen: 3.365 ng/ul m
RT: 22.85 min Scan# 3377
Delta R.T. -0.02 min
Lab File: BN006476.D
Acq: 21 Jun 2019 21:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.4	17.4	26.0
125	12.7	9.1	13.7





#90

Benzo(a)pyrene

Concen: 6.684 ng/ul

RT: 23.38 min Scan# 3467

Delta R.T. -0.02 min

Lab File: BN006476.D

Acq: 21 Jun 2019 21:41

Instrument :

BNA_N

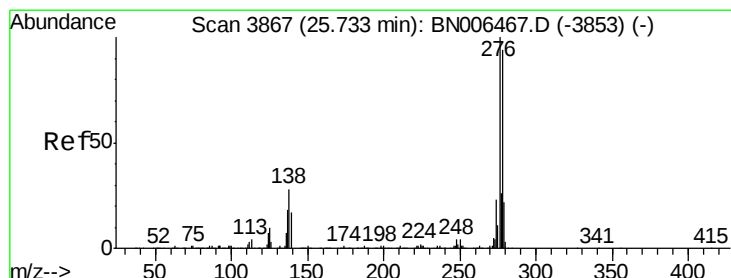
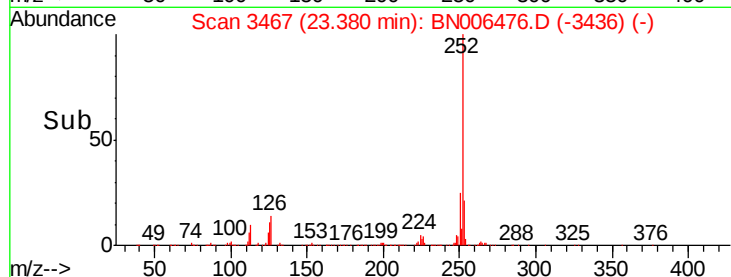
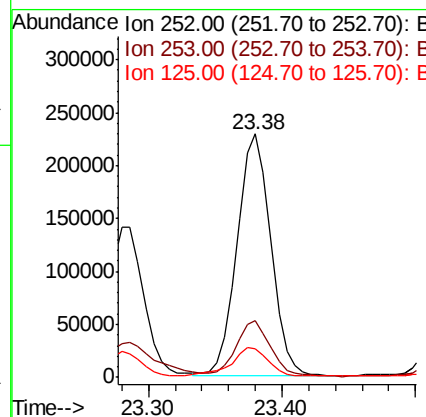
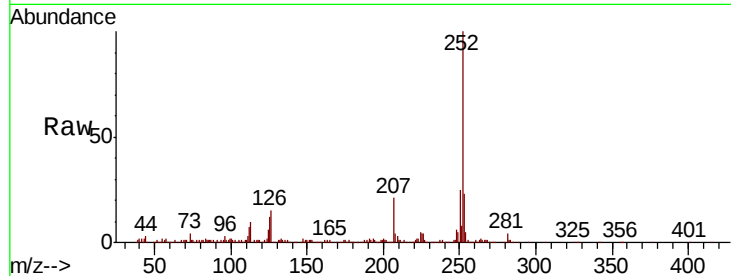
ClientSampleId :

A4235

Tgt	Ion:252	Resp:	401181
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	11.7	10.0	15.0

Manual Integrations
APPROVED

mohammad
6/25/2019 8:35:21 AM



#91

Indeno(1,2,3-cd)pyrene

Concen: 3.281 ng/ul

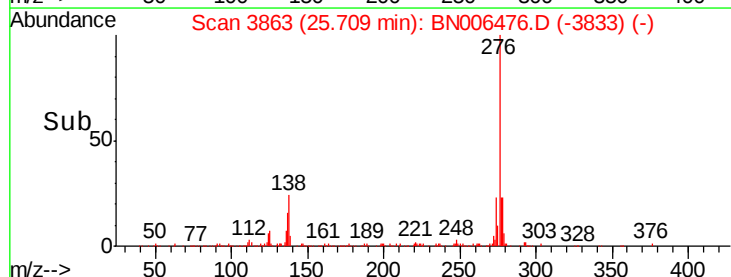
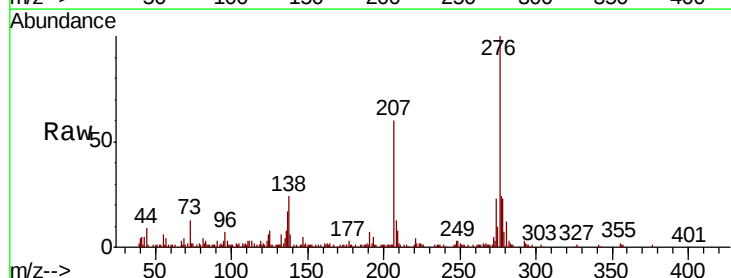
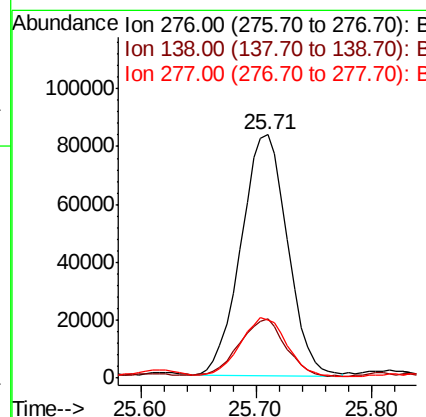
RT: 25.71 min Scan# 3863

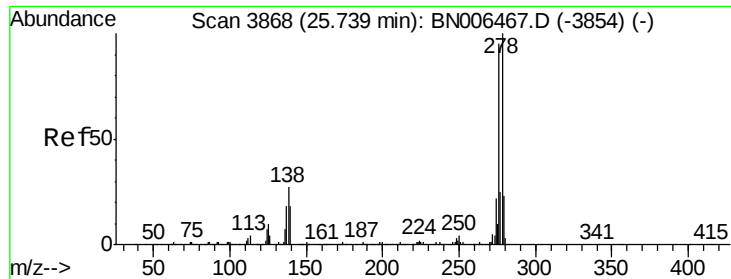
Delta R.T. -0.02 min

Lab File: BN006476.D

Acq: 21 Jun 2019 21:41

Tgt	Ion:276	Resp:	233042
Ion	Ratio	Lower	Upper
276	100		
138	30.1	22.2	33.4
277	23.9	20.2	30.4





#92

Dibenzo(a,h)anthracene

Concen: 1.036 ng/ul

RT: 25.71 min Scan# 3863

Delta R.T. -0.03 min

Lab File: BN006476.D

Acq: 21 Jun 2019 21:41

Instrument :

BNA_N

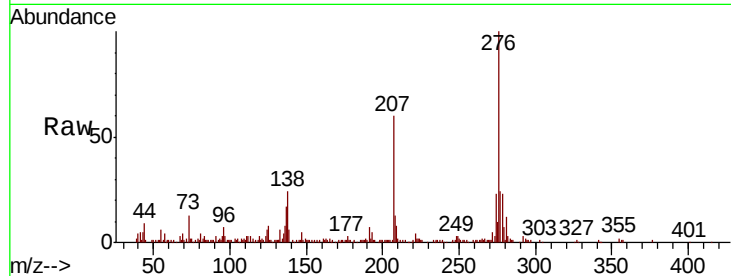
ClientSampleId :

A4235

Tgt Ion:	278	Resp:	60925
Ion Ratio	Lower	Upper	
278	100		
139	25.6	14.2	21.4#
279	28.3	18.8	28.2#

Manual Integrations
APPROVED

mohammad
6/25/2019 8:35:21 AM

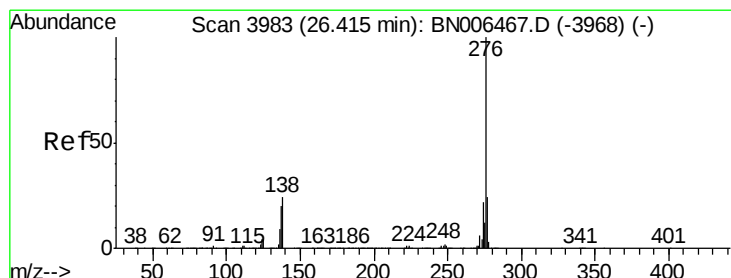
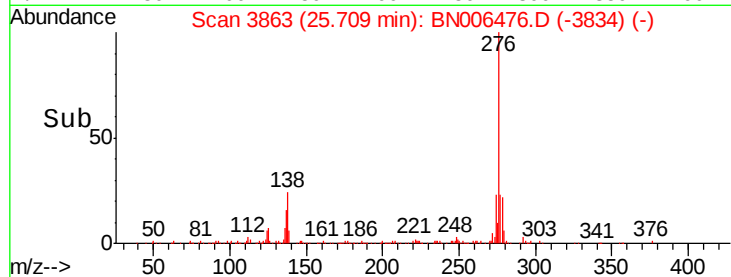
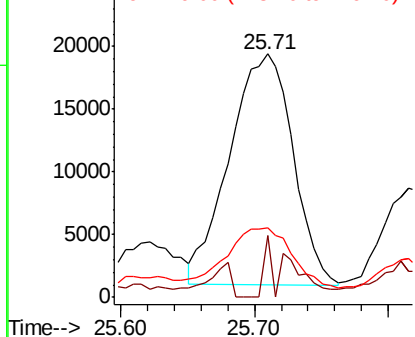


Abundance

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



#93

Benzo(g,h,i)perylene

Concen: 3.199 ng/ul

RT: 26.39 min Scan# 3979

Delta R.T. -0.02 min

Lab File: BN006476.D

Acq: 21 Jun 2019 21:41

Tgt Ion:	276	Resp:	191364
Ion Ratio	Lower	Upper	
276	100		
138	23.5	19.1	28.7
277	23.8	19.4	29.0

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

