

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
 Data File : BN010532.D
 Acq On : 17 Apr 2020 00:41
 Operator : CG/JU
 Sample : L2191-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB7A3

Manual Integrations
 APPROVED

mohammad
 4/17/2020 1:52:23 PM

Quant Time: Apr 17 02:41:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 16 10:21:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	530010	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2289399	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1484873	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	3256080	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	3166037	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2877384	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	70516	6.96	ng/uL	0.00
5) Phenol-d5	6.78	99	1536826	36.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	818682	38.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	1319626	36.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1244489	35.27	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	686614	38.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	761632	38.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	1385900	35.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1403577	31.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	4273165	38.79	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	5229585	38.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	741551	34.57	ng/ul	0.00
58) Fluorene-d10	15.22	176	3769902	38.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	620814	36.50	ng/ul	0.00
71) Anthracene-d10	17.07	188	5679234	37.66	ng/ul	0.00
79) Pyrene-d10	19.37	212	6716943	37.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	5864737	39.29	ng/ul	0.00

Target Compounds

					Ovalue	
50) Acenaphthene	14.29	153	164822	1.686	ng/ul	96
54) Dibenzofuran	14.62	168	146660	1.072	ng/ul	98
59) Fluorene	15.27	166	184062	1.641	ng/ul	98
70) Phenanthrene	17.02	178	3159521	17.473	ng/ul	98
72) Anthracene	17.10	178	587688	3.206	ng/ul	99
75) Carbazole	17.37	167	214250	1.423	ng/ul	99
77) Fluoranthene	19.03	202	4322897	22.003	ng/ul	97
80) Pyrene	19.40	202	3896075	17.032	ng/ul	99
83) Benzo(a)anthracene	21.16	228	1970807	8.973	ng/ul	98
85) Chrysene	21.21	228	1862420	9.019	ng/ul	98
88) Benzo(b)fluoranthene	22.70	252	2002225	10.664	ng/ul	97
89) Benzo(k)fluoranthene	22.74	252	684419m	3.674	ng/ul	
91) Benzo(a)pyrene	23.25	252	1313542	7.874	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.48	276	833380	4.438	ng/ul	97
93) Dibenzo(a,h)anthracene	25.49	278	229457	1.455	ng/ul#	85
94) Benzo(g,h,i)perylene	26.13	276	561916	3.616	ng/ul	95

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

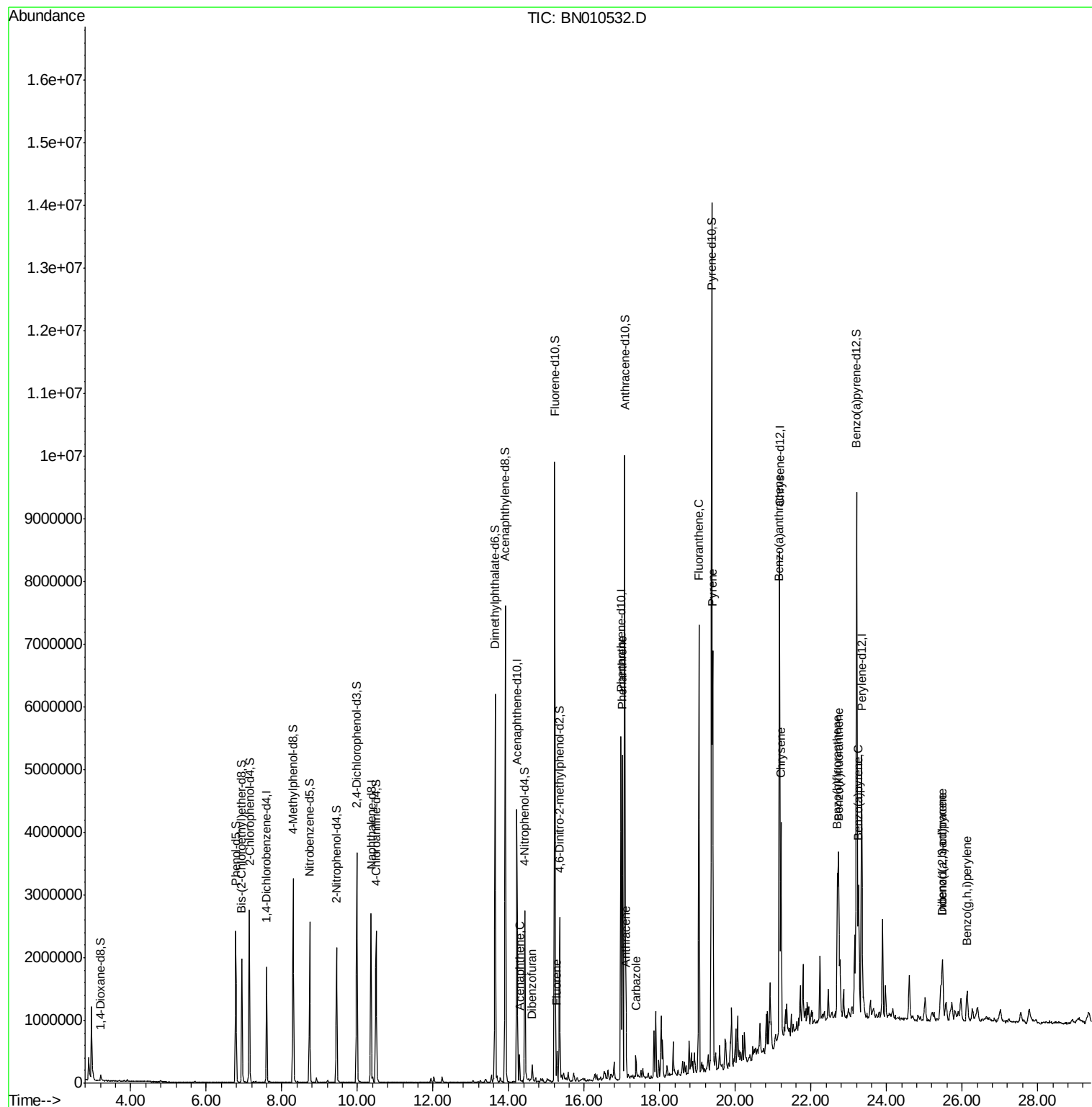
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN041620\
Data File : BN010532.D
Acq On : 17 Apr 2020 00:41
Operator : CG/JU
Sample : L2191-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

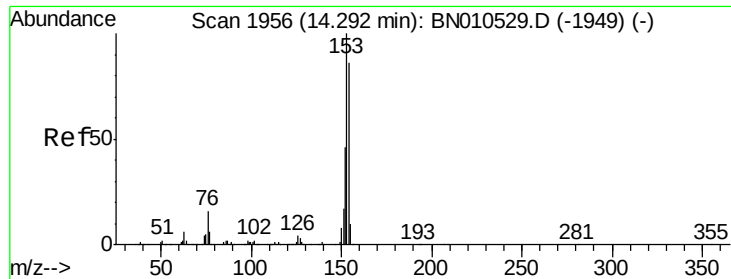
Instrument :
BNA_N
ClientSampleId :
CB7A3

Manual Integrations
APPROVED

mohammad
4/17/2020 1:52:23 PM

Quant Time: Apr 17 02:41:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 16 10:21:51 2020
Response via : Initial Calibration





#50

Acenaphthene

Concen: 1.686 ng/ul

RT: 14.29 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BN010532.D

Acq: 17 Apr 2020 00:41

Instrument :

BNA_N

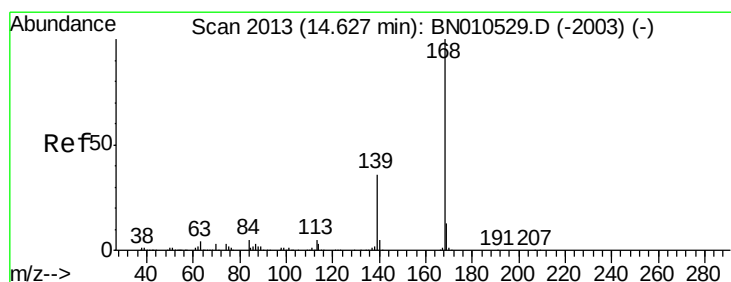
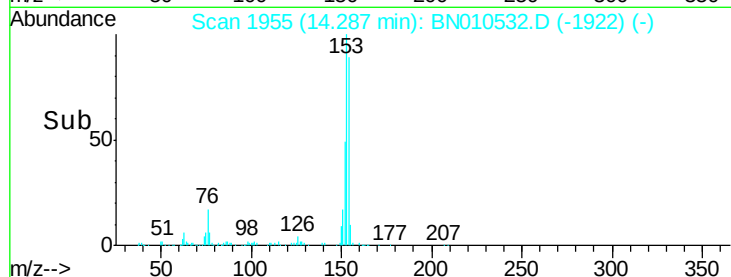
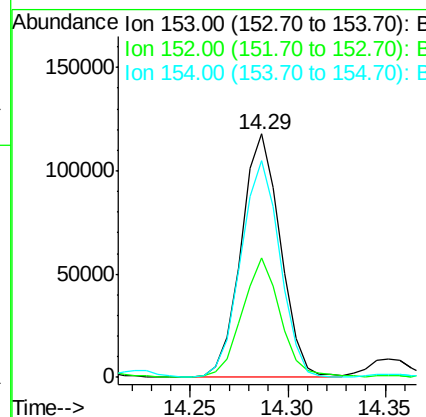
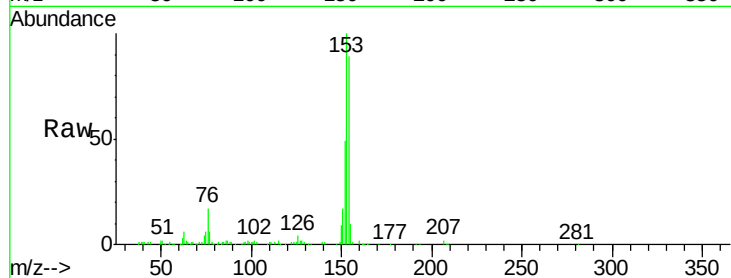
ClientSampleId :

CB7A3

Tot Ion:	153	Resp:	164822
Ion Ratio	Lower	Upper	
153	100		
152	49.1	36.8	55.2
154	88.9	68.2	102.2

Manual Integrations
APPROVED

mohammad
4/17/2020 1:52:23 PM



#54

Dibenzofuran

Concen: 1.072 ng/ul

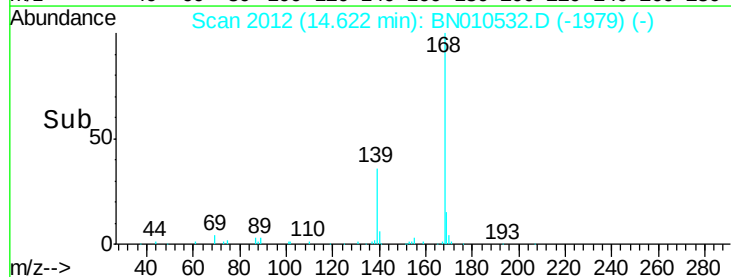
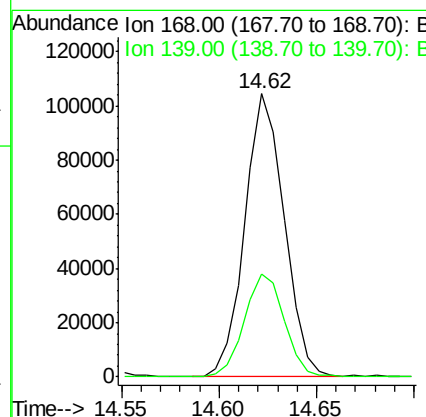
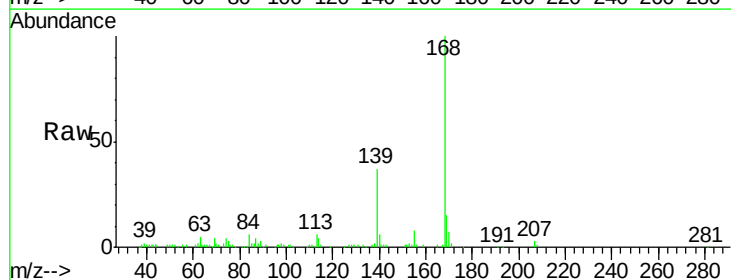
RT: 14.62 min Scan# 2012

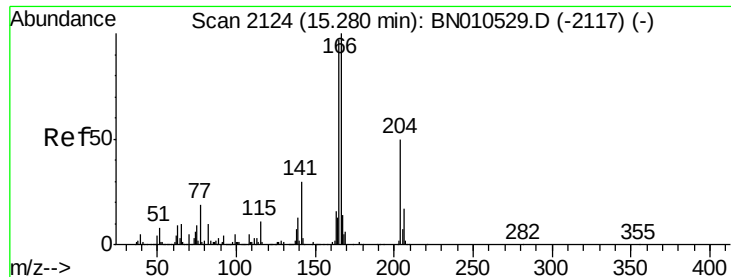
Delta R.T. -0.01 min

Lab File: BN010532.D

Acq: 17 Apr 2020 00:41

Tgt Ion:	168	Resp:	146660
Ion Ratio	Lower	Upper	
168	100		
139	36.5	30.2	45.4





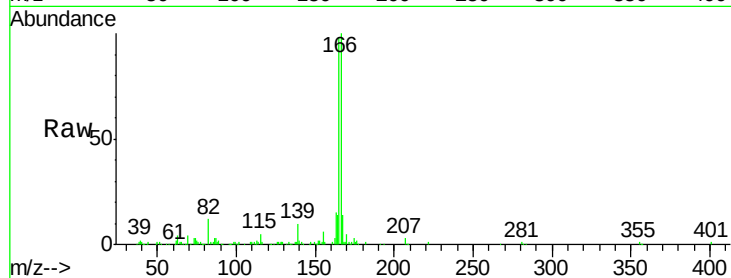
#59
 Fluorene
 Concen: 1.641 ng/ul
 RT: 15.27 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BN010532.D
 Acq: 17 Apr 2020 00:41

Instrument :
 BNA_N
 ClientSampleId :
 CB7A3

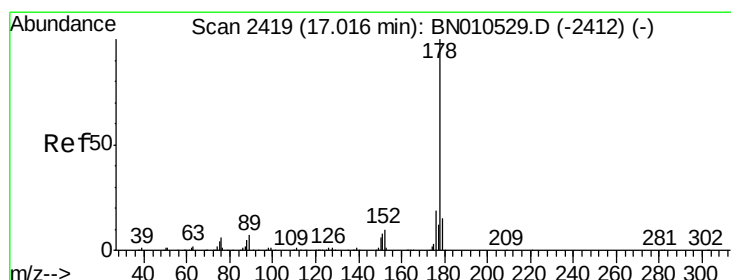
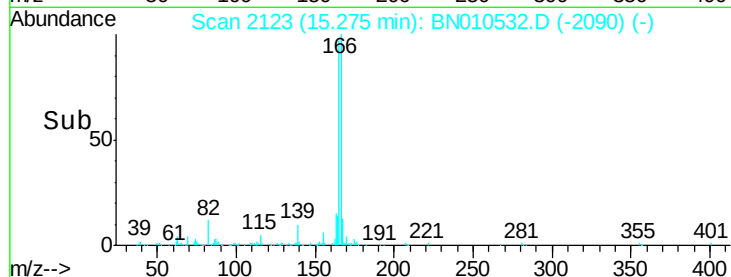
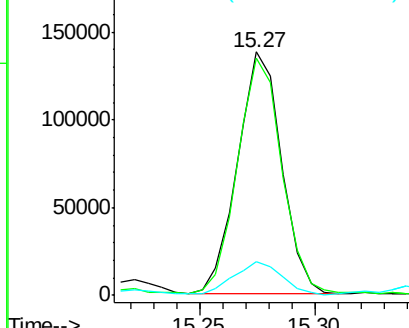
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.5	75.9	113.9
167	13.7	11.2	16.8

Manual Integrations
 APPROVED

mohammad
 4/17/2020 1:52:23 PM

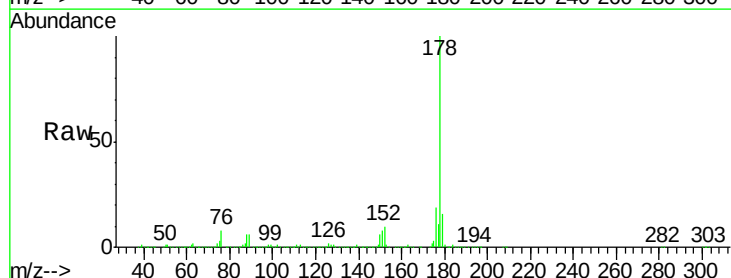


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

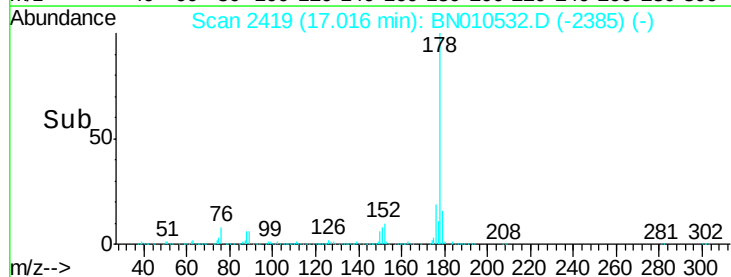
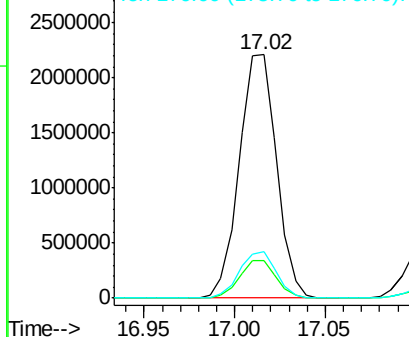


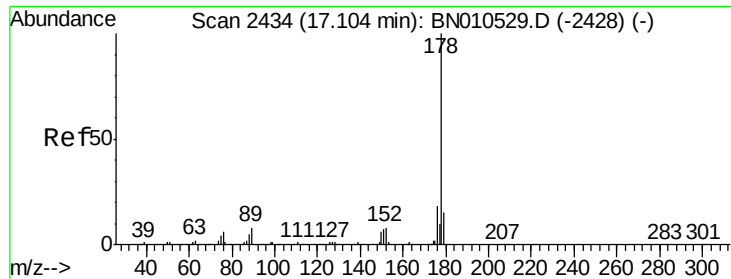
#70
 Phenanthrene
 Concen: 17.473 ng/ul
 RT: 17.02 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BN010532.D
 Acq: 17 Apr 2020 00:41

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.4	17.2
176	19.3	15.3	22.9



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





#72

Anthracene

Concen: 3.206 ng/ul

RT: 17.10 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BN010532.D

Acq: 17 Apr 2020 00:41

Instrument :

BNA_N

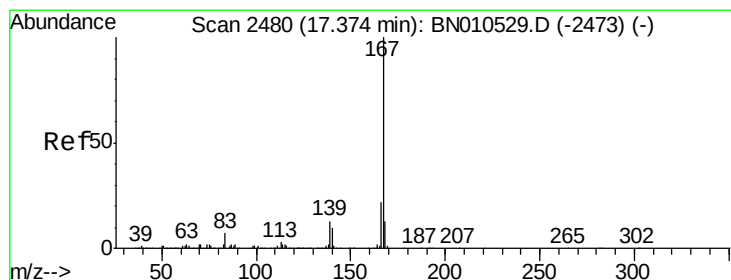
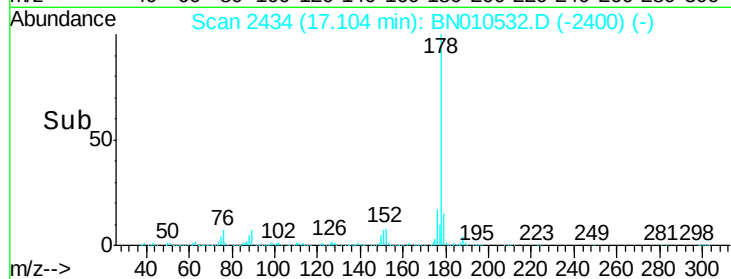
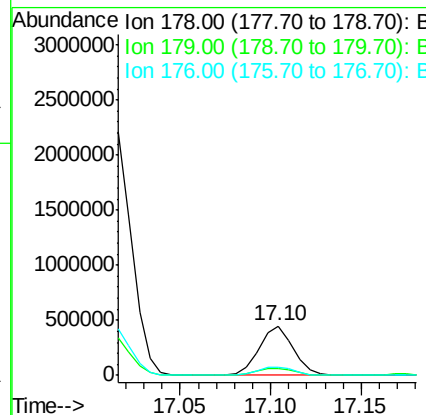
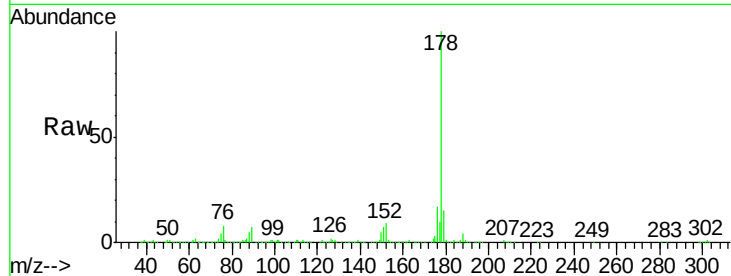
ClientSampled :

CB7A3

Tot Ion:	178	Resp:	587688
Ion Ratio	Lower	Upper	
178	100		
179	14.8	12.3	18.5
176	17.5	14.2	21.4

Manual Integrations
APPROVED

mohammad
4/17/2020 1:52:23 PM



#75

Carbazole

Concen: 1.423 ng/ul

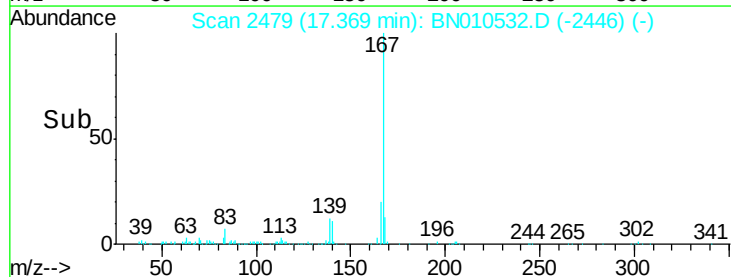
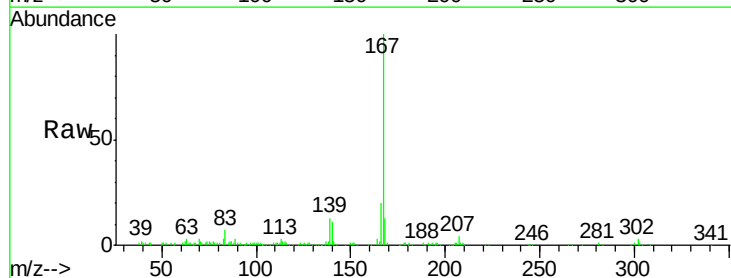
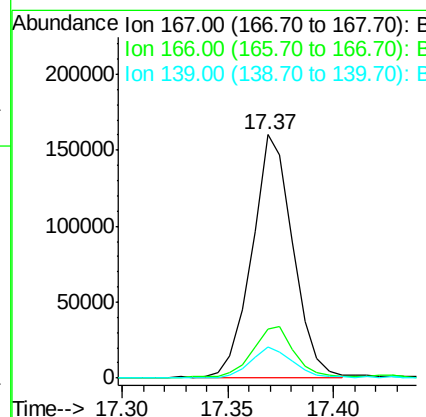
RT: 17.37 min Scan# 2479

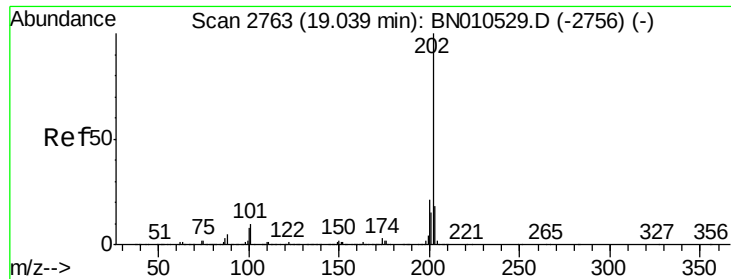
Delta R.T. -0.01 min

Lab File: BN010532.D

Acq: 17 Apr 2020 00:41

Tgt Ion:	167	Resp:	214250
Ion Ratio	Lower	Upper	
167	100		
166	20.4	16.8	25.2
139	13.0	10.1	15.1





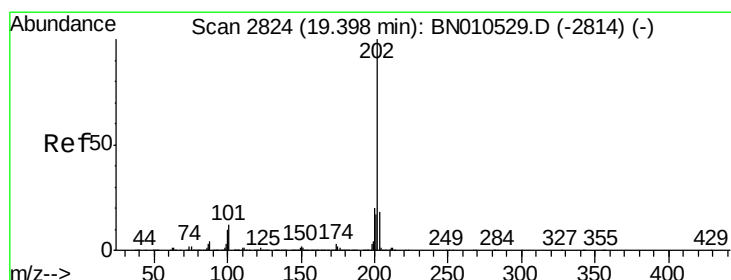
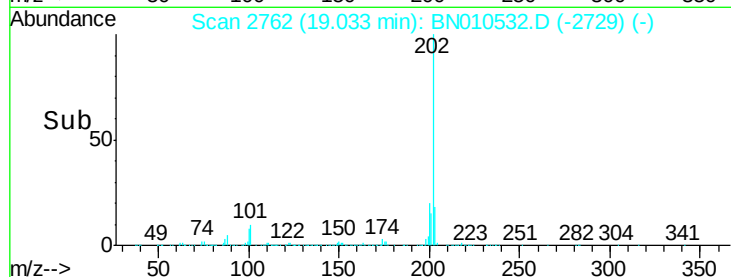
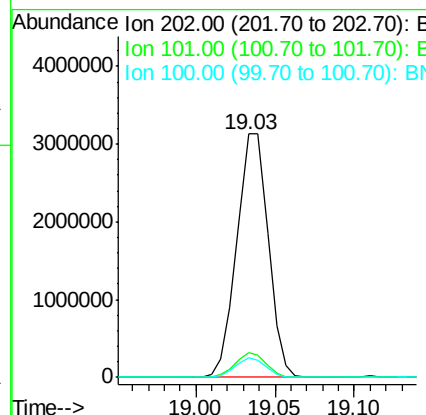
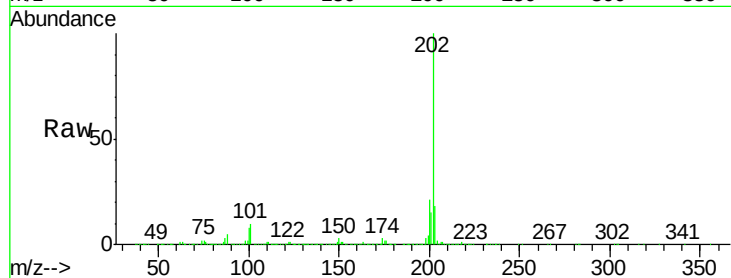
#77
Fluoranthene
Concen: 22.003 ng/ul
RT: 19.03 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BN010532.D
Acq: 17 Apr 2020 00:41

Instrument :
BNA_N
ClientSampleId :
CB7A3

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.1	10.7
100	8.0	5.5	8.3

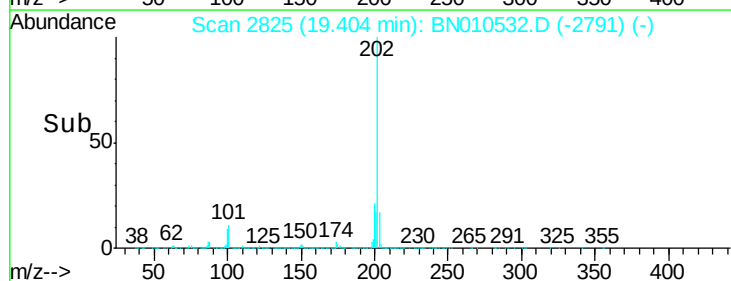
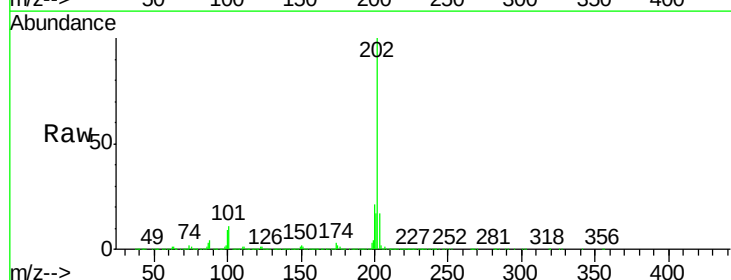
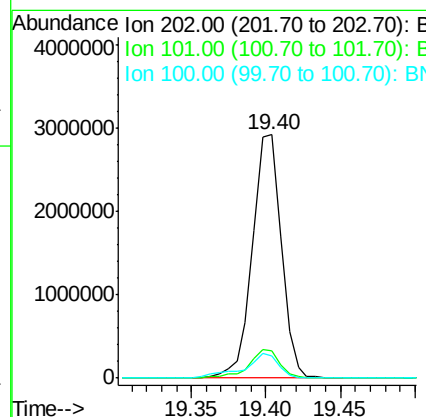
Manual Integrations
APPROVED

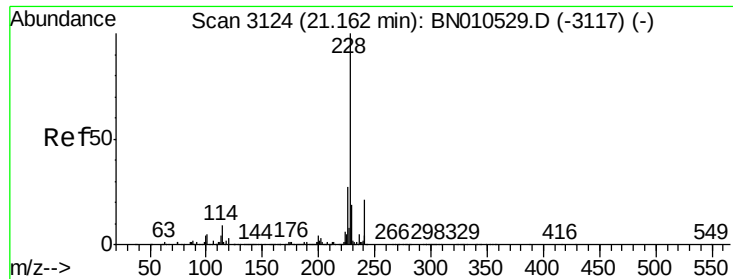
mohammad
4/17/2020 1:52:23 PM



#80
Pyrene
Concen: 17.032 ng/ul
RT: 19.40 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BN010532.D
Acq: 17 Apr 2020 00:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.6	13.0
100	9.2	7.0	10.6





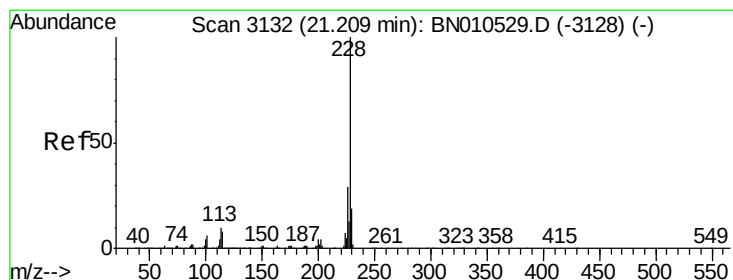
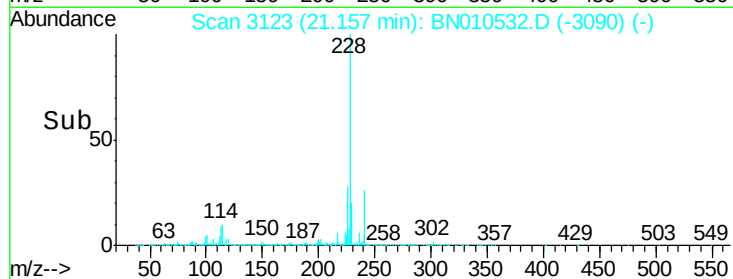
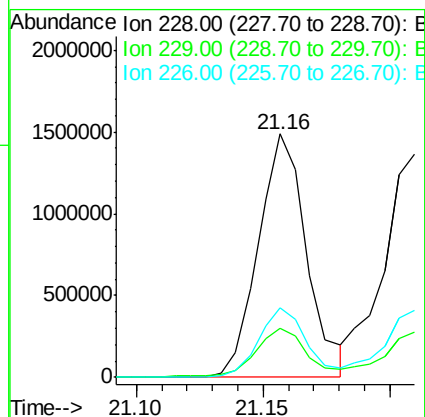
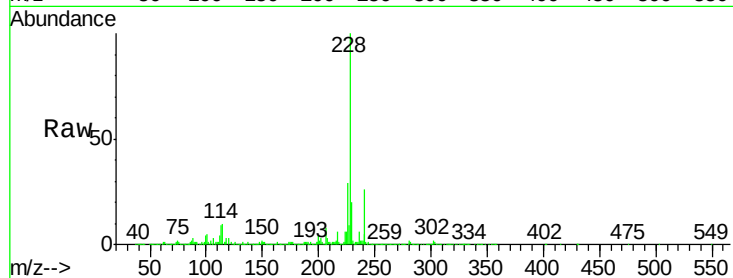
#83
Benzo(a)anthracene
Concen: 8.973 ng/ul
RT: 21.16 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BN010532.D
Acq: 17 Apr 2020 00:41

Instrument :
BNA_N
ClientSampleId :
CB7A3

Tot Ion:228 Resp: 1970807
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 28.7 21.4 32.2

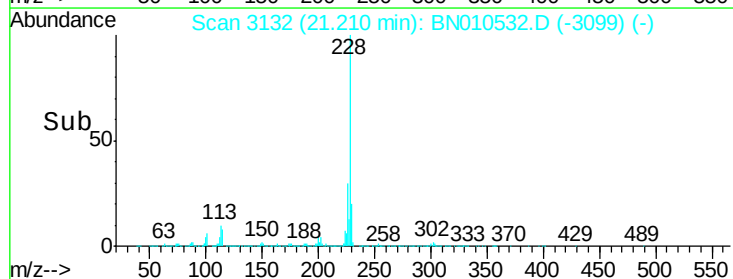
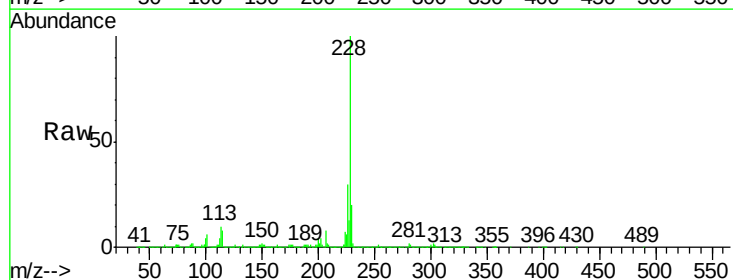
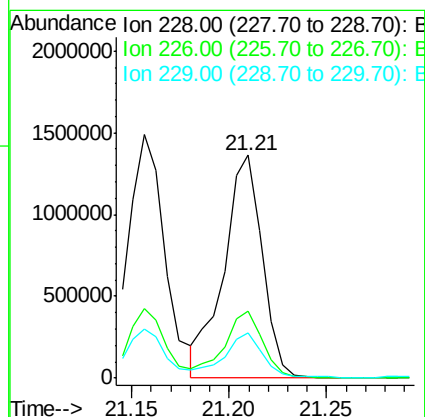
Manual Integrations
APPROVED

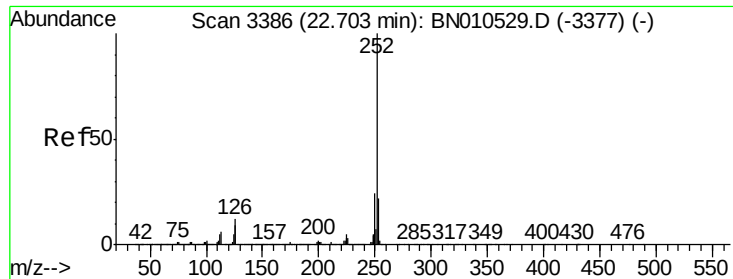
mohammad
4/17/2020 1:52:23 PM



#85
Chrysene
Concen: 9.019 ng/ul
RT: 21.21 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BN010532.D
Acq: 17 Apr 2020 00:41

Tgt Ion:228 Resp: 1862420
Ion Ratio Lower Upper
228 100
226 29.9 23.0 34.6
229 20.2 15.0 22.4





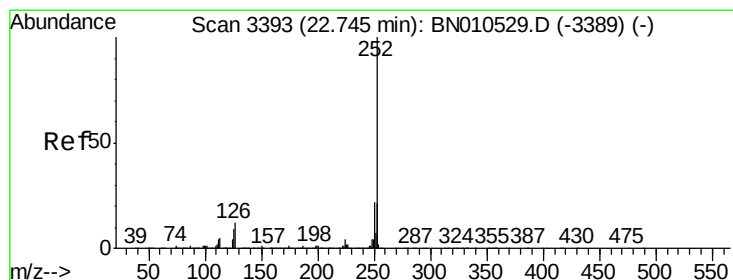
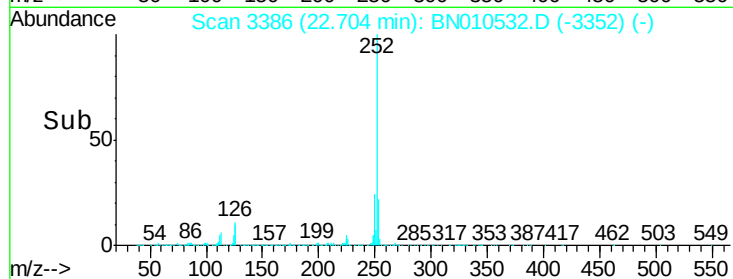
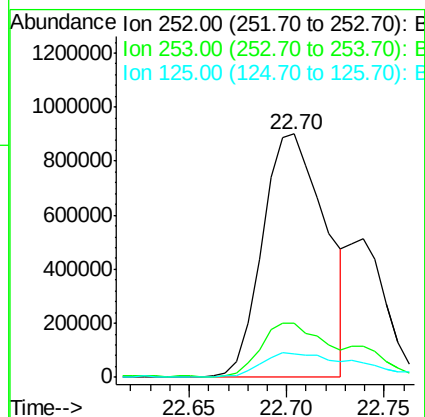
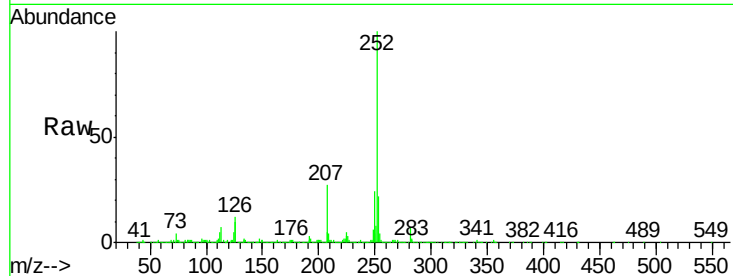
#88
Benzo(b)fluoranthene
Concen: 10.664 ng/ul
RT: 22.70 min Scan# 3386
Delta R.T. -0.00 min
Lab File: BN010532.D
Acq: 17 Apr 2020 00:41

Instrument :
BNA_N
ClientSampleId :
CB7A3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.7	25.1
125	9.8	7.2	10.8

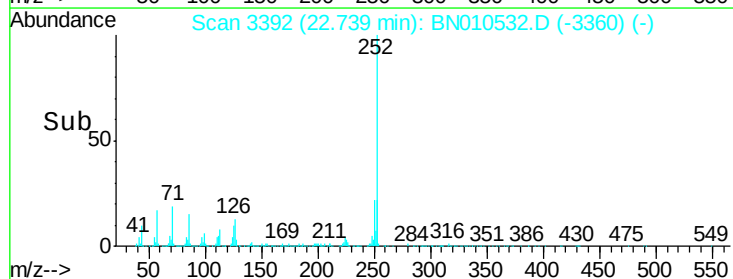
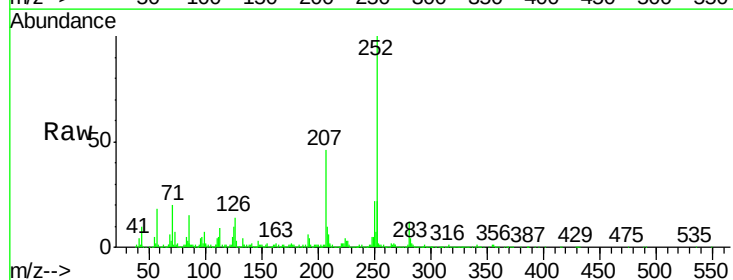
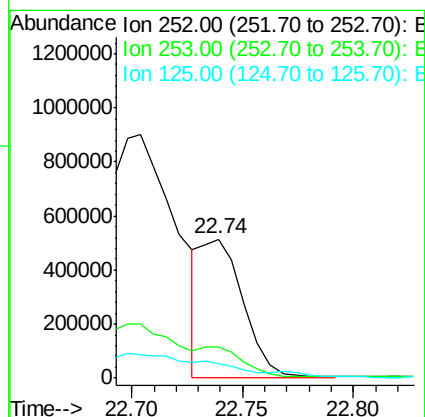
Manual Integrations
APPROVED

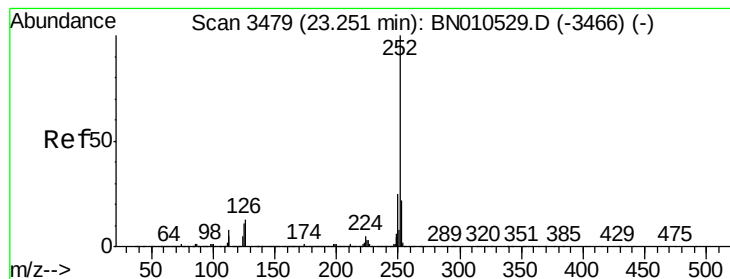
mohammad
4/17/2020 1:52:23 PM



#89
Benzo(k)fluoranthene
Concen: 3.674 ng/ul m
RT: 22.74 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BN010532.D
Acq: 17 Apr 2020 00:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	10.1	6.9	10.3





#91

Benzo(a)pyrene

Concen: 7.874 ng/ul

RT: 23.25 min Scan# 3479

Delta R.T. -0.01 min

Lab File: BN010532.D

Acq: 17 Apr 2020 00:41

Instrument :

BNA_N

ClientSampleId :

CB7A3

Tot Ion:252 Resp: 1313542

Ion Ratio Lower Upper

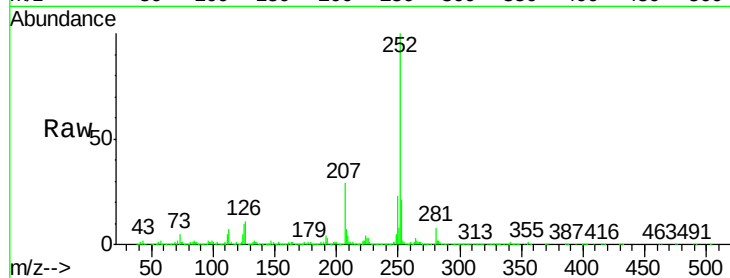
252 100

253 20.9 17.8 26.8

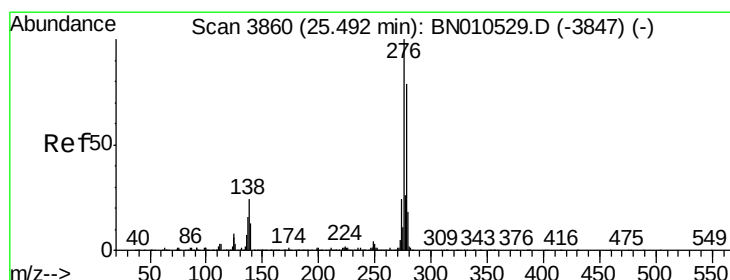
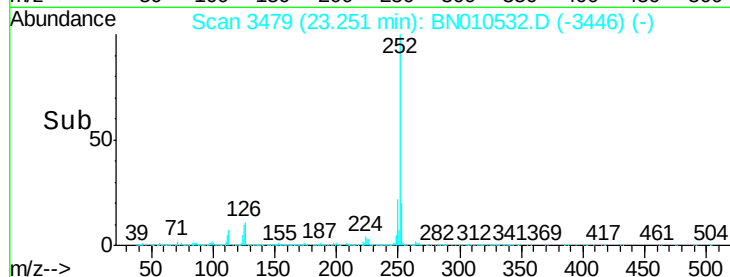
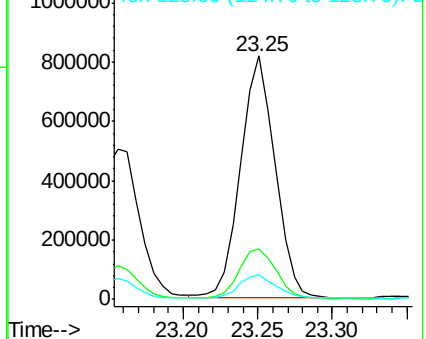
125 10.1 7.8 11.6

Manual Integrations
APPROVED

mohammad
4/17/2020 1:52:23 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



#92

Indeno(1,2,3-cd)pyrene

Concen: 4.438 ng/ul

RT: 25.48 min Scan# 3858

Delta R.T. -0.01 min

Lab File: BN010532.D

Acq: 17 Apr 2020 00:41

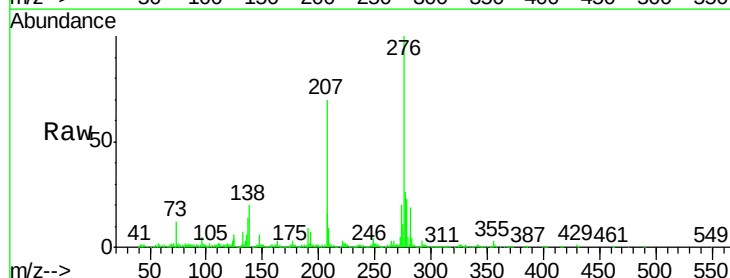
Tgt Ion:276 Resp: 833380

Ion Ratio Lower Upper

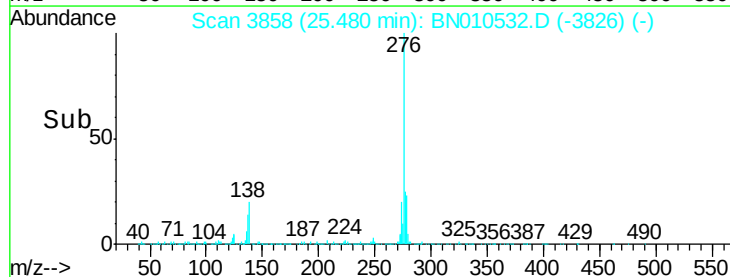
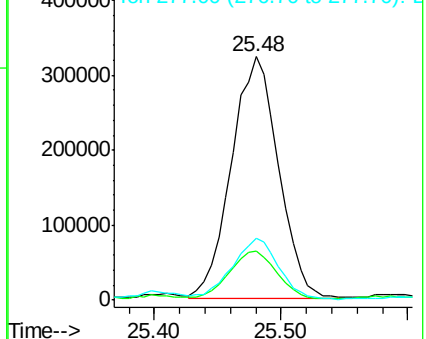
276 100

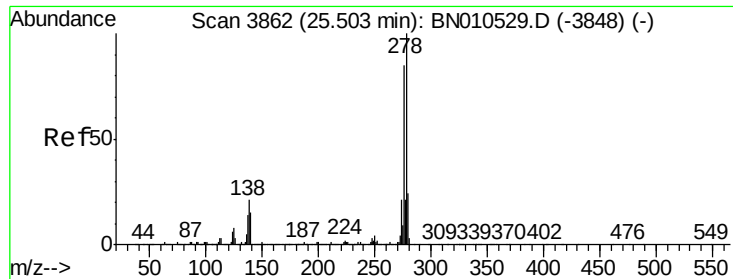
138 20.3 18.3 27.5

277 25.6 19.8 29.8



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





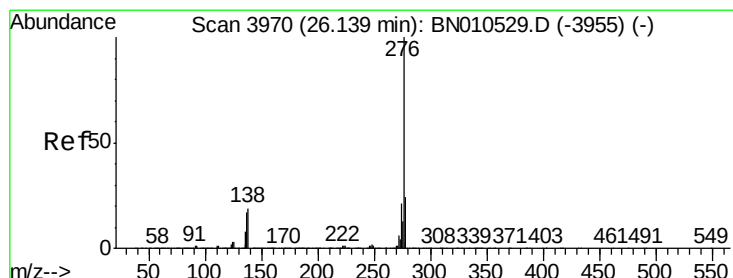
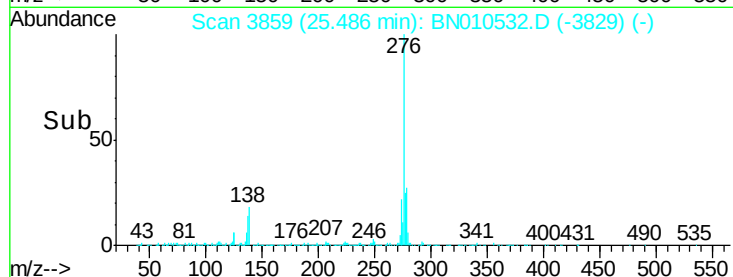
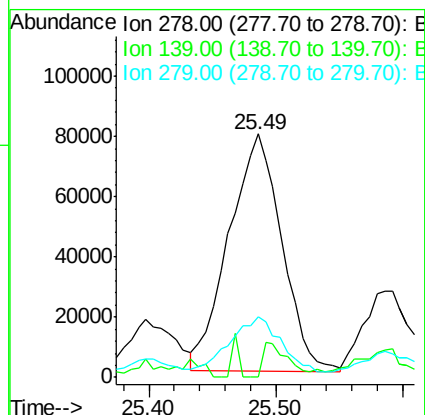
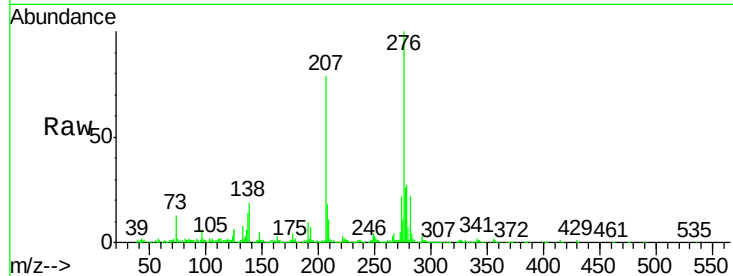
#93
Dibenzo(a,h)anthracene
Concen: 1.455 ng/ul
RT: 25.49 min Scan# 3859
Delta R.T. -0.02 min
Lab File: BN010532.D
Acq: 17 Apr 2020 00:41

Instrument :
BNA_N
ClientSampled :
CB7A3

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.5	17.3#
279	25.1	19.2	28.8

Manual Integrations
APPROVED

mohammad
4/17/2020 1:52:23 PM



#94
Benzo(g,h,i)perylene
Concen: 3.616 ng/ul
RT: 26.13 min Scan# 3969
Delta R.T. -0.01 min
Lab File: BN010532.D
Acq: 17 Apr 2020 00:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.7	14.7	22.1
277	19.4	18.4	27.6

