

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
 Data File : BN010133.D
 Acq On : 06 Mar 2020 23:33
 Operator : CG/JU
 Sample : L1827-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFR32

Manual Integrations
 APPROVED

mohammad
 3/9/2020 3:06:54 PM

Quant Time: Mar 07 03:22:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 05 14:04:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	83004	20.00	ng/ul	0.00
18) Naphthalene-d8	10.09	136	340962	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.99	164	225522	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	492582	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	445126	20.00	ng/ul	0.00
86) Perylene-d12	23.07	264	487233	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.00	96	10218	5.06	ng/uL	0.00
5) Phenol-d5	6.57	99	41836	5.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.71	67	141310	29.00	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	129434	24.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	82856	14.75	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	78088	31.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.21	143	91079	33.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	159995	30.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	14224m	2.41	ng/ul	0.04
44) Dimethylphthalate-d6	13.42	166	575441	34.16	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	669436	33.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	14191m	4.61	ng/ul	0.04
58) Fluorene-d10	15.00	176	510154	35.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	82740	27.04	ng/ul	0.00
71) Anthracene-d10	16.86	188	793774	35.15	ng/ul	0.00
79) Pyrene-d10	19.17	212	831821	35.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	876411	36.02	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.04	88	9071	3.913	ng/uL	89
28) Naphthalene	10.15	128	232552	12.648	ng/ul	100
41) 1,1'-Biphenyl	12.83	154	18031	1.041	ng/ul#	93
45) Dimethylphthalate	13.47	163	35827	2.038	ng/ul	99
50) Acenaphthene	14.06	153	137576	9.346	ng/ul	96
54) Dibenzofuran	14.40	168	183201	8.867	ng/ul	96
59) Fluorene	15.06	166	145525	8.393	ng/ul	93
70) Phenanthrene	16.80	178	387544	13.786	ng/ul	99
75) Carbazole	17.18	167	45598	1.802	ng/ul	98
77) Fluoranthene	18.83	202	88711	2.694	ng/ul	99
80) Pyrene	19.20	202	56228	1.752	ng/ul#	92

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

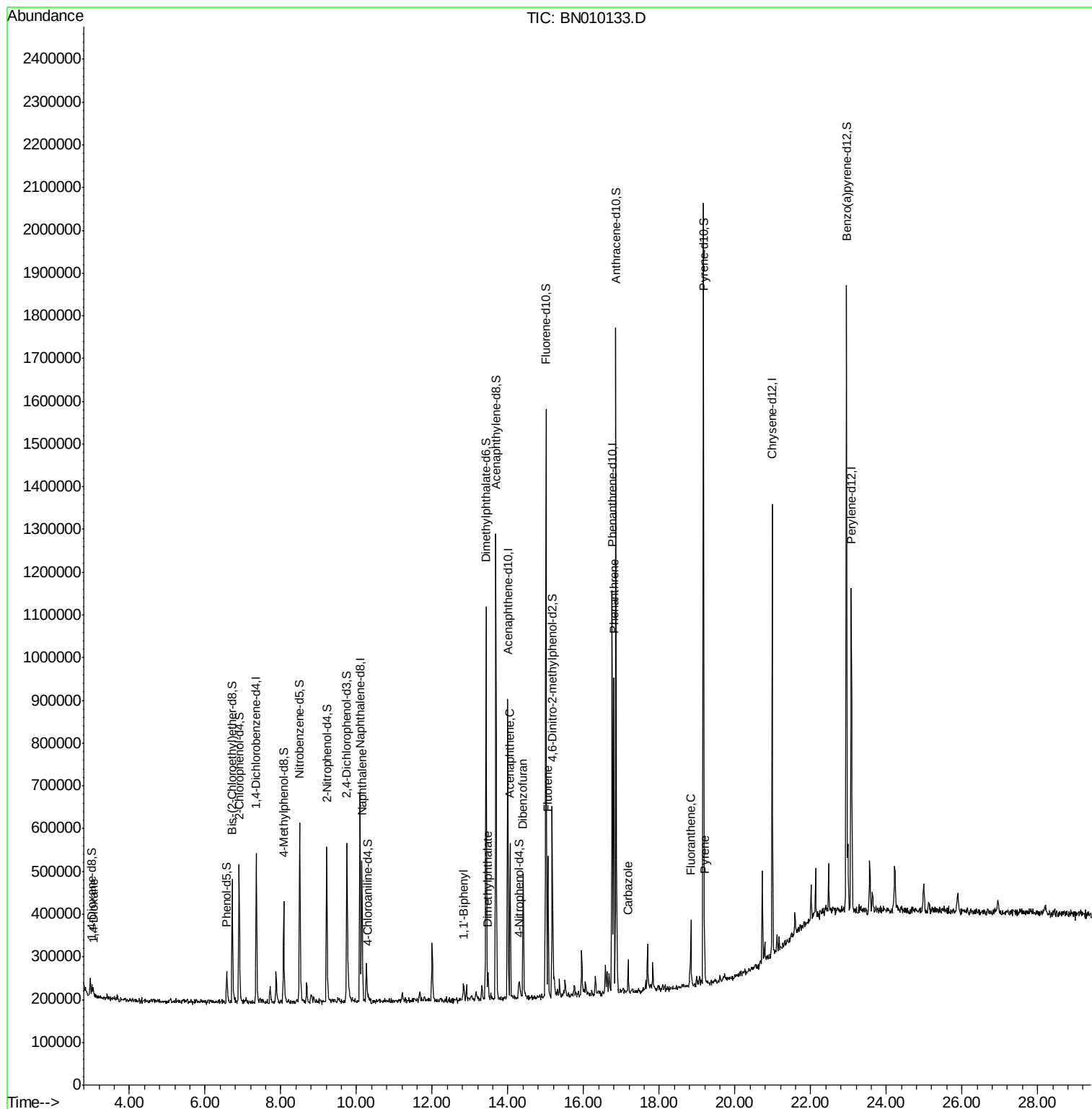
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010133.D
Acq On : 06 Mar 2020 23:33
Operator : CG/JU
Sample : L1827-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

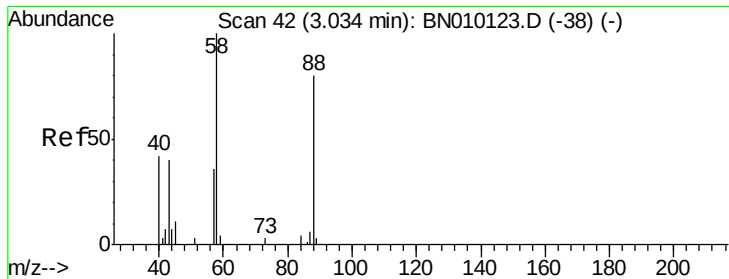
Instrument :
BNA_N
ClientSampleId :
BFR32

Quant Time: Mar 07 03:22:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 05 14:04:18 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
3/9/2020 3:06:54 PM





#2

1,4-Dioxane

Concen: 3.913 ng/uL

RT: 3.04 min Scan# 43

Delta R.T. -0.00 min

Lab File: BN010133.D

Acq: 06 Mar 2020 23:33

Instrument :

BNA_N

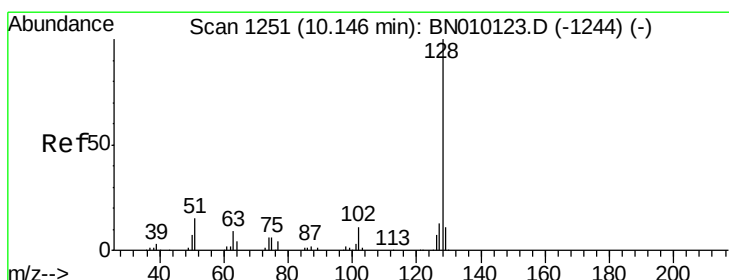
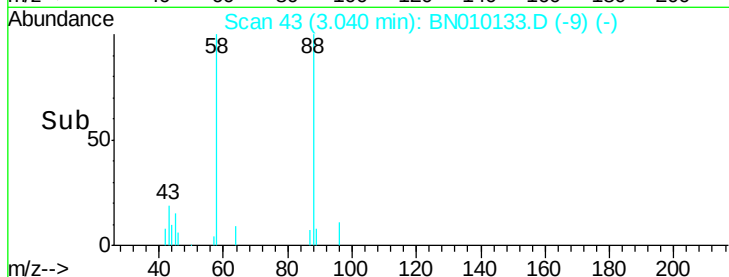
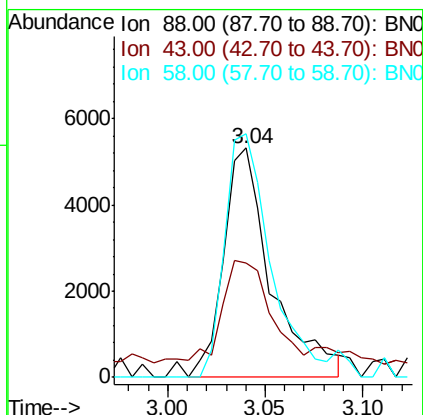
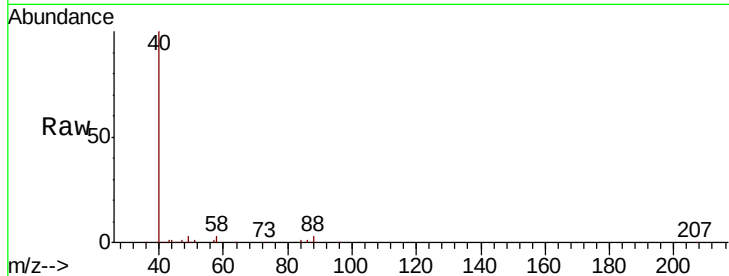
ClientSampleId :

BFR32

Tot Ion:	88	Resp:	9071
Ion	Ratio	Lower	Upper
88	100		
43	49.9	44.7	67.1
58	106.3	96.2	144.2

Manual Integrations
APPROVED

mohammad
3/9/2020 3:06:54 PM



#28

Naphthalene

Concen: 12.648 ng/uL

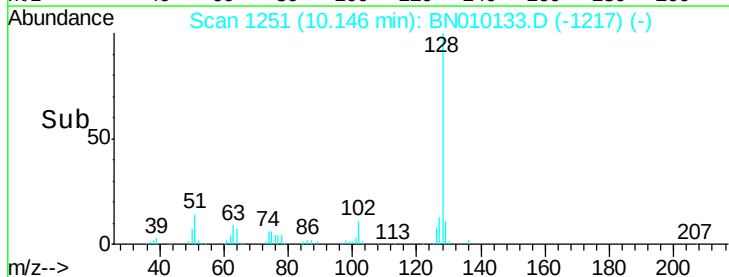
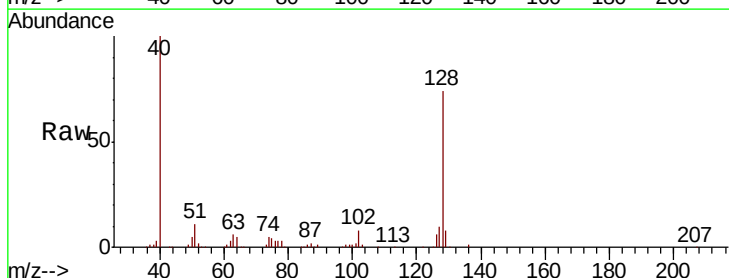
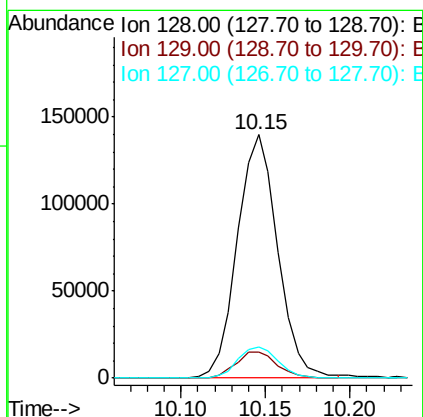
RT: 10.15 min Scan# 1251

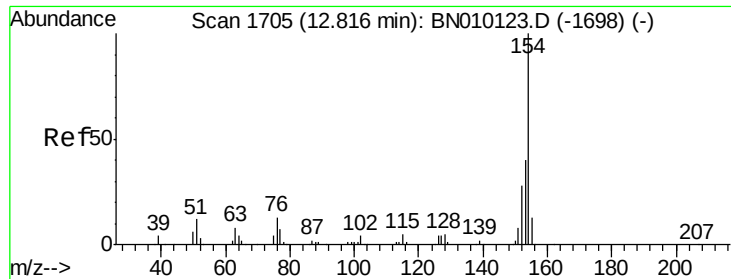
Delta R.T. -0.00 min

Lab File: BN010133.D

Acq: 06 Mar 2020 23:33

Tgt Ion:	128	Resp:	232552
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.0	10.3	15.5





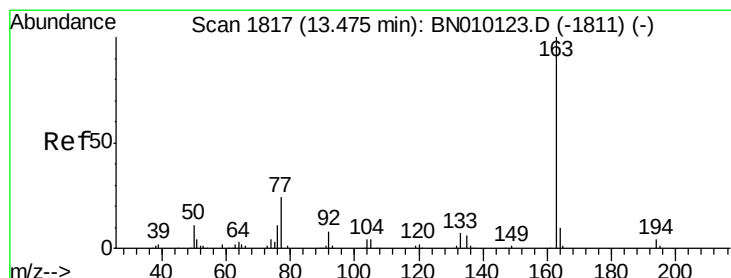
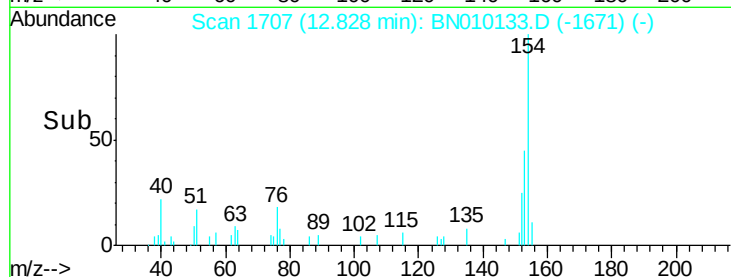
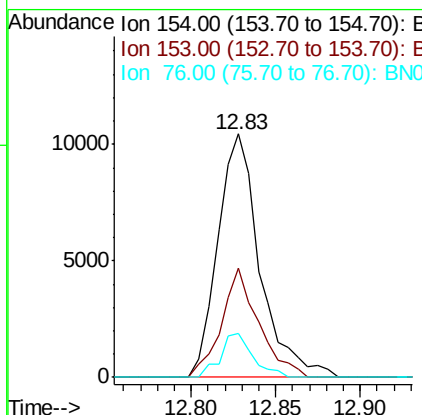
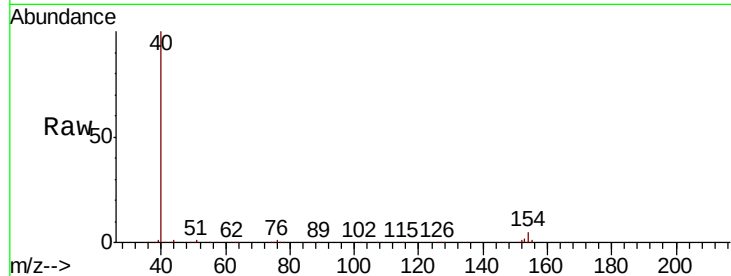
#41
1,1'-Biphenyl
Concen: 1.041 ng/ul
RT: 12.83 min Scan# 1707
Delta R.T. 0.01 min
Lab File: BN010133.D
Acq: 06 Mar 2020 23:33

Instrument :
BNA_N
ClientSampled :
BFR32

Tot Ion	Ratio	Resp	Lower	Upper
154	100	18031		
153	44.8	33.2	49.8	
76	17.9	11.0	16.4	

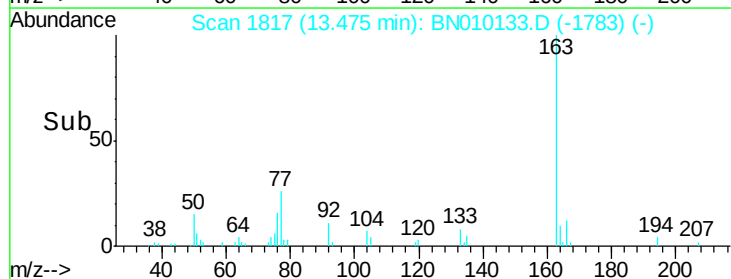
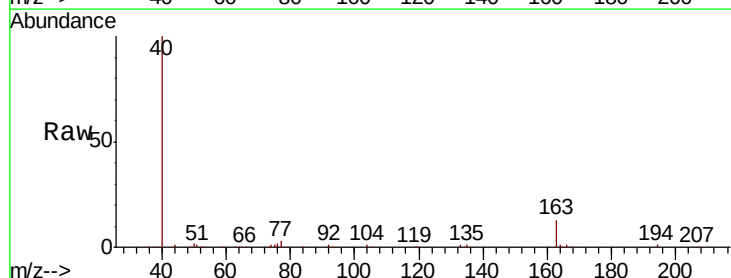
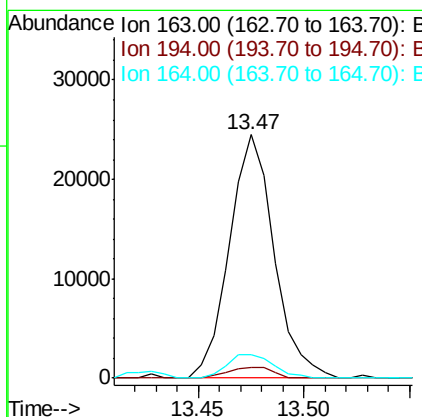
Manual Integrations
APPROVED

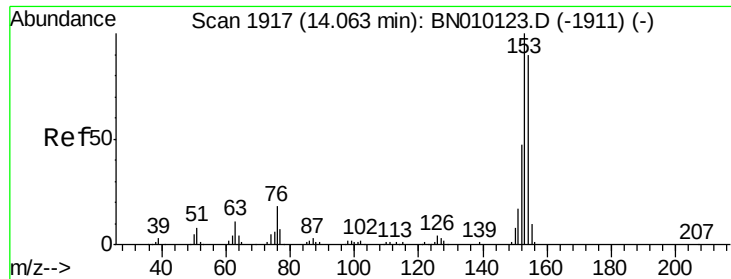
mohammad
3/9/2020 3:06:54 PM



#45
Dimethylphthalate
Concen: 2.038 ng/ul
RT: 13.47 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BN010133.D
Acq: 06 Mar 2020 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	35827		
194	4.4	3.4	5.0	
164	9.5	8.0	12.0	





#50

Acenaphthene

Concen: 9.346 ng/ul

RT: 14.06 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BN010133.D

Acq: 06 Mar 2020 23:33

Instrument :

BNA_N

ClientSampleId :

BFR32

Tot Ion:153 Resp: 137576

Ion Ratio Lower Upper

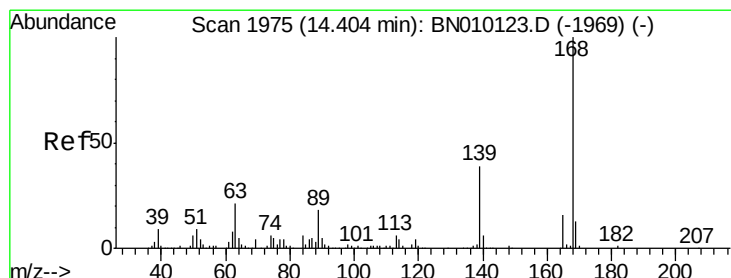
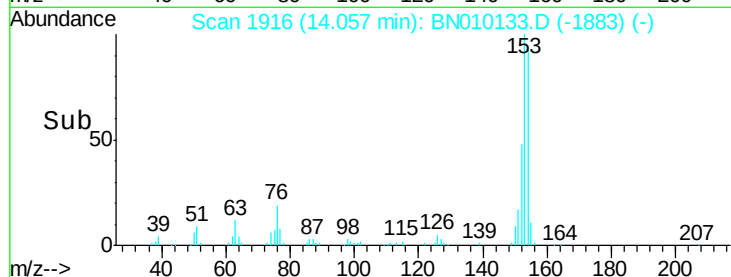
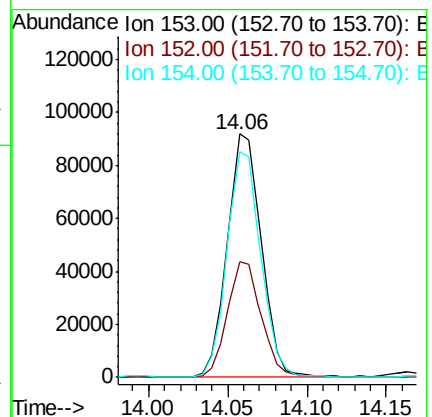
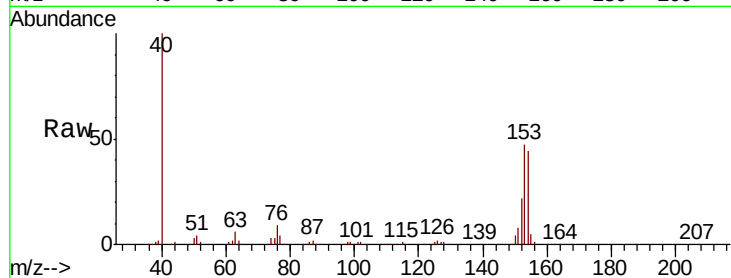
153 100

152 47.7 36.6 54.8

154 92.6 70.6 106.0

Manual Integrations
APPROVED

mohammad
3/9/2020 3:06:54 PM



#54

Dibenzofuran

Concen: 8.867 ng/ul

RT: 14.40 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN010133.D

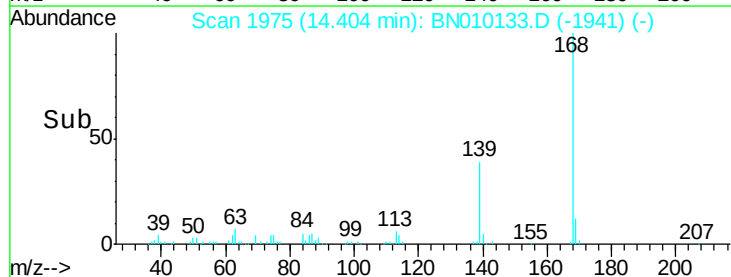
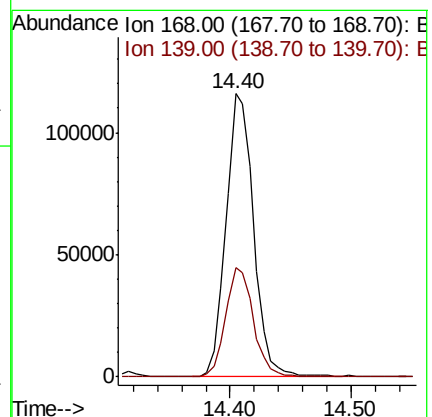
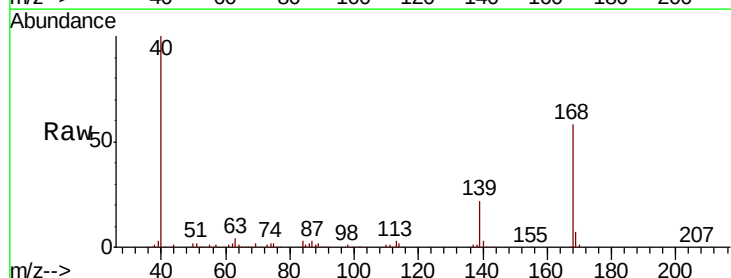
Acq: 06 Mar 2020 23:33

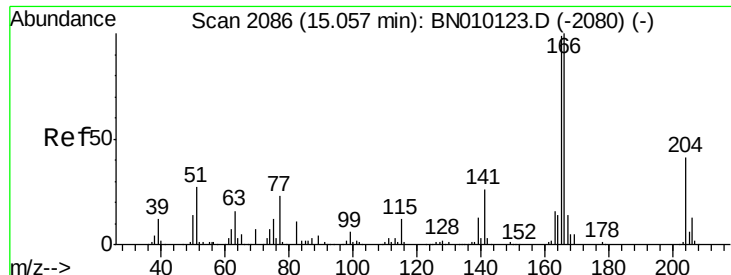
Tgt Ion:168 Resp: 183201

Ion Ratio Lower Upper

168 100

139 38.6 32.7 49.1





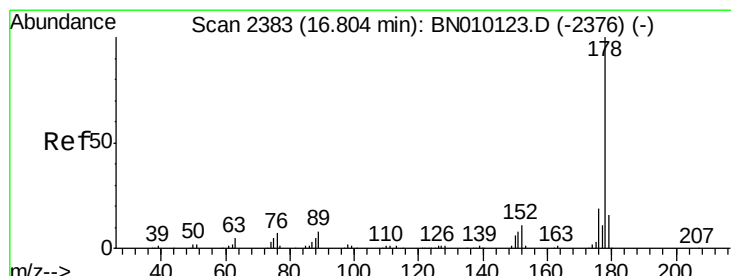
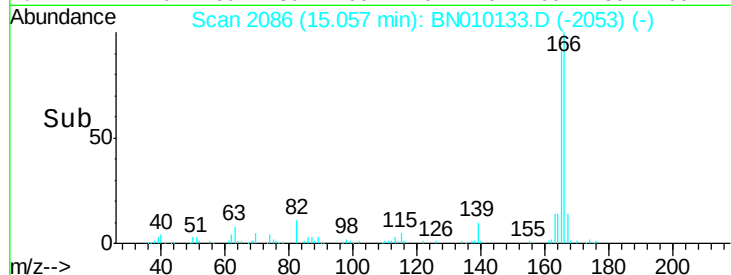
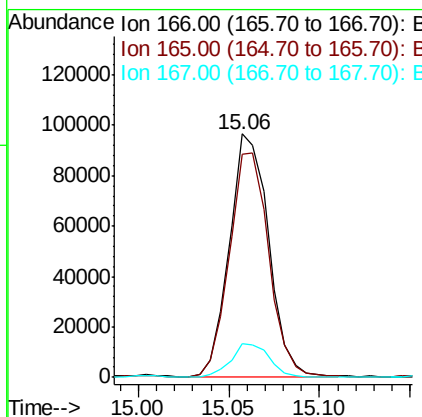
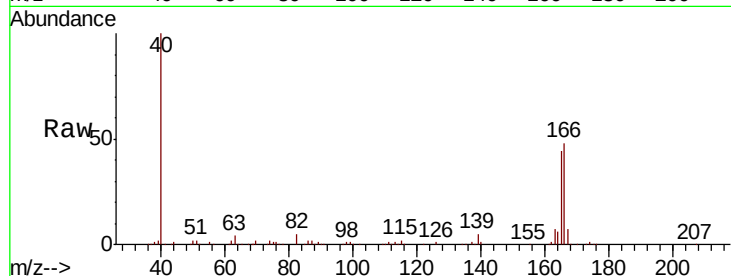
#59
Fluorene
 Concen: 8.393 ng/ul
 RT: 15.06 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BN010133.D
 Acq: 06 Mar 2020 23:33

Instrument :
 BNA_N
 ClientSampleId :
 BFR32

Tot Ion	Ratio	Lower	Upper
166	100		
165	91.4	79.8	119.8
167	13.7	10.7	16.1

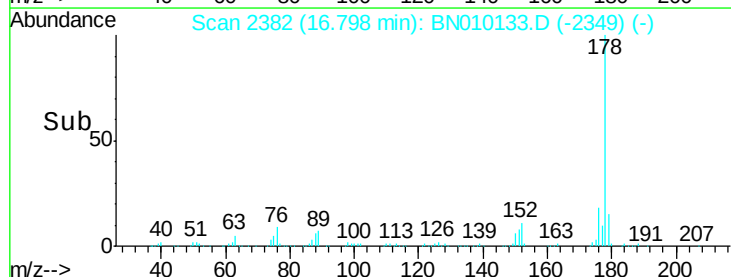
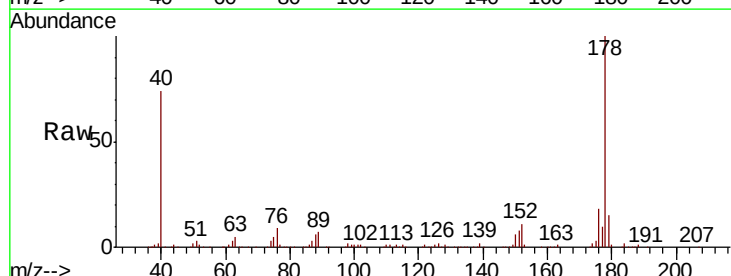
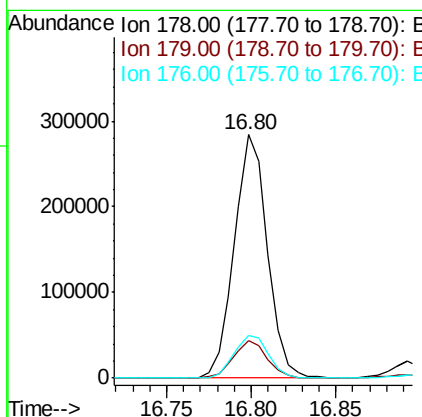
Manual Integrations
 APPROVED

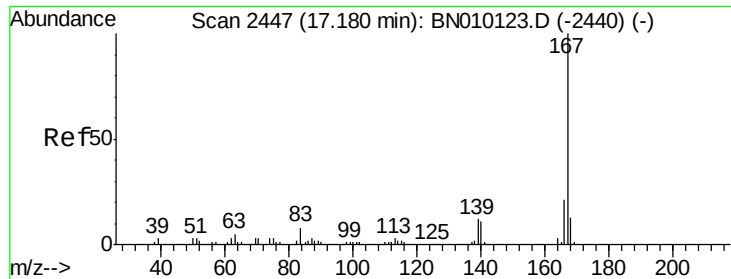
mohammad
 3/9/2020 3:06:54 PM



#70
Phenanthrene
 Concen: 13.786 ng/ul
 RT: 16.80 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BN010133.D
 Acq: 06 Mar 2020 23:33

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	17.8	14.6	22.0





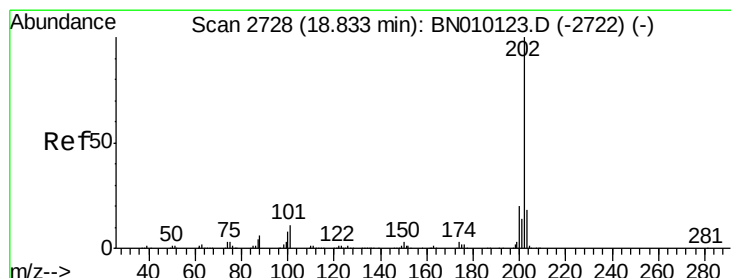
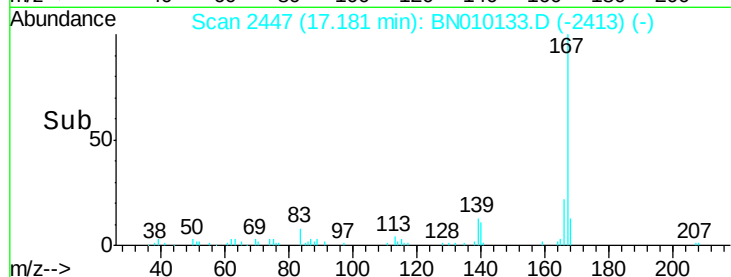
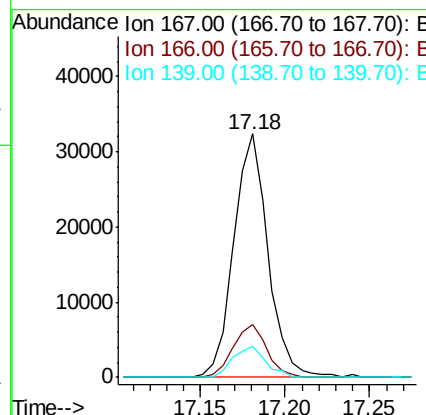
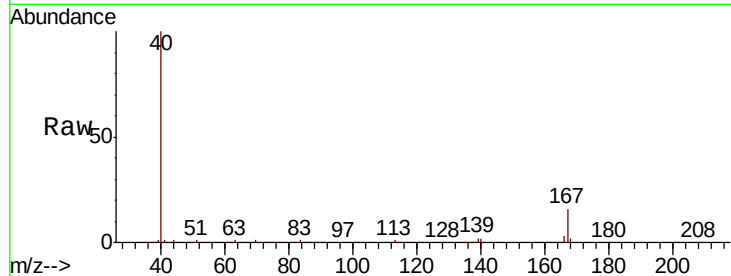
#75
 Carbazole
 Concen: 1.802 ng/ul
 RT: 17.18 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BN010123.D
 Acq: 06 Mar 2020 23:33

Instrument :
 BNA_N
 ClientSampleId :
 BFR32

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	16.6	24.8
139	13.0	9.9	14.9

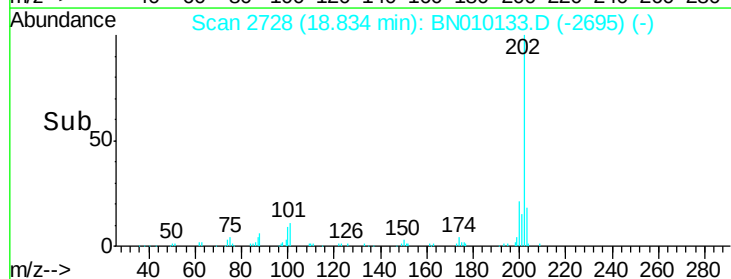
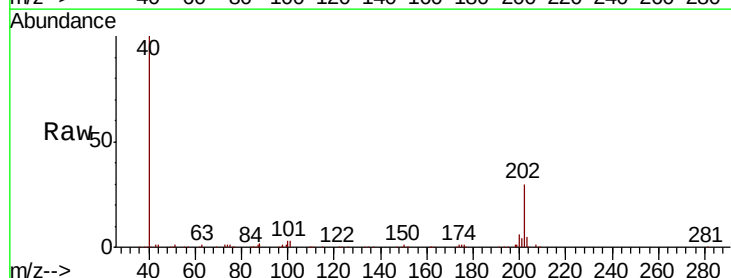
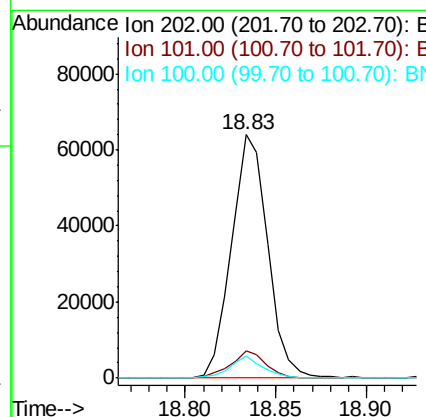
Manual Integrations
 APPROVED

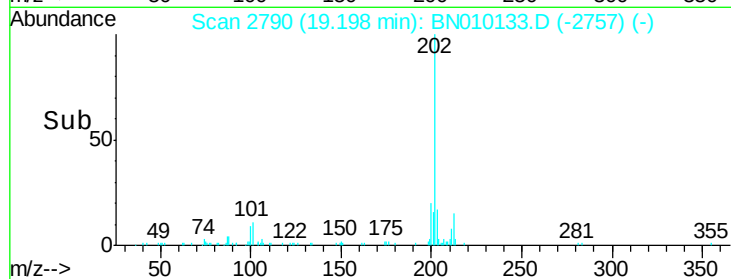
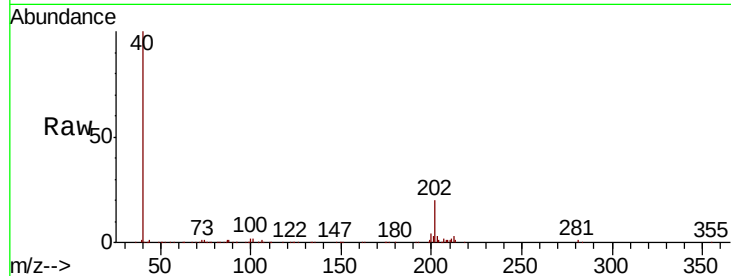
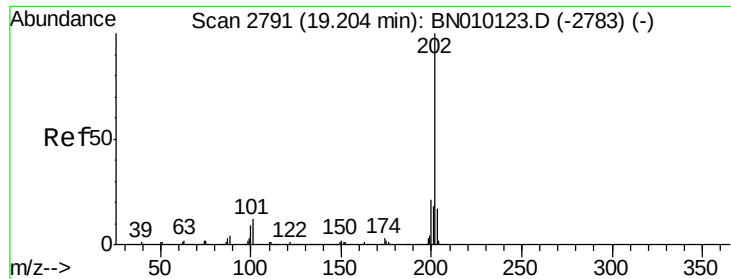
mohammad
 3/9/2020 3:06:54 PM



#77
 Fluoranthene
 Concen: 2.694 ng/ul
 RT: 18.83 min Scan# 2728
 Delta R.T. -0.01 min
 Lab File: BN010123.D
 Acq: 06 Mar 2020 23:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.4	14.2
100	9.3	7.2	10.8





#80

Pvrene

Concen: 1.752 ng/ul

RT: 19.20 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BN010133.D

Acq: 06 Mar 2020 23:33

Instrument :

BNA_N

ClientSampleId :

BFR32

Tot Ion:	202	Resp:	56228
Ion Ratio	Lower	Upper	
202	100		
101	10.9	11.3	16.9#
100	8.5	9.0	13.6#

Manual Integrations
APPROVED

mohammad
3/9/2020 3:06:54 PM

