

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
 Data File : BN010372.D
 Acq On : 01 Apr 2020 23:20
 Operator : CG/JU
 Sample : L2065-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBF05

Manual Integrations
 APPROVED

mohammad
 4/3/2020 2:18:53 PM

Quant Time: Apr 02 00:39:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 01 17:35:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	486979	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2147287	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	1494363	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	3347060	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	3734011	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	4201687	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	13992m	1.36	ng/uL	0.00
5) Phenol-d5	6.79	99	251861	6.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	659231	30.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	788661	24.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	520209	15.16	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	524980	32.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	556489	32.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	1016036	29.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	47479	1.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	3872484	34.34	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	4467184	33.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	122333	5.78	ng/ul	0.00
58) Fluorene-d10	15.23	176	3357540	34.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	569587	29.72	ng/ul	0.00
71) Anthracene-d10	17.08	188	5483474	35.68	ng/ul	0.00
79) Pyrene-d10	19.38	212	6544579	34.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	7510532	35.93	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.42	128	18766621m	162.460	ng/ul
34) 2-Methylnaphthalene	12.04	142	6314494	75.241	ng/ul 98
41) 1,1'-Biphenyl	13.06	154	1599955	14.070	ng/ul 99
45) Dimethylphthalate	13.70	163	558054	4.793	ng/ul 97
48) Acenaphthylene	13.95	152	426992	3.013	ng/ul 98
50) Acenaphthene	14.30	153	497968	5.101	ng/ul 98
54) Dibenzofuran	14.64	168	2759744	20.071	ng/ul 99
59) Fluorene	15.29	166	1288255	11.512	ng/ul 99
70) Phenanthrene	17.02	178	1375584	7.417	ng/ul 99

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

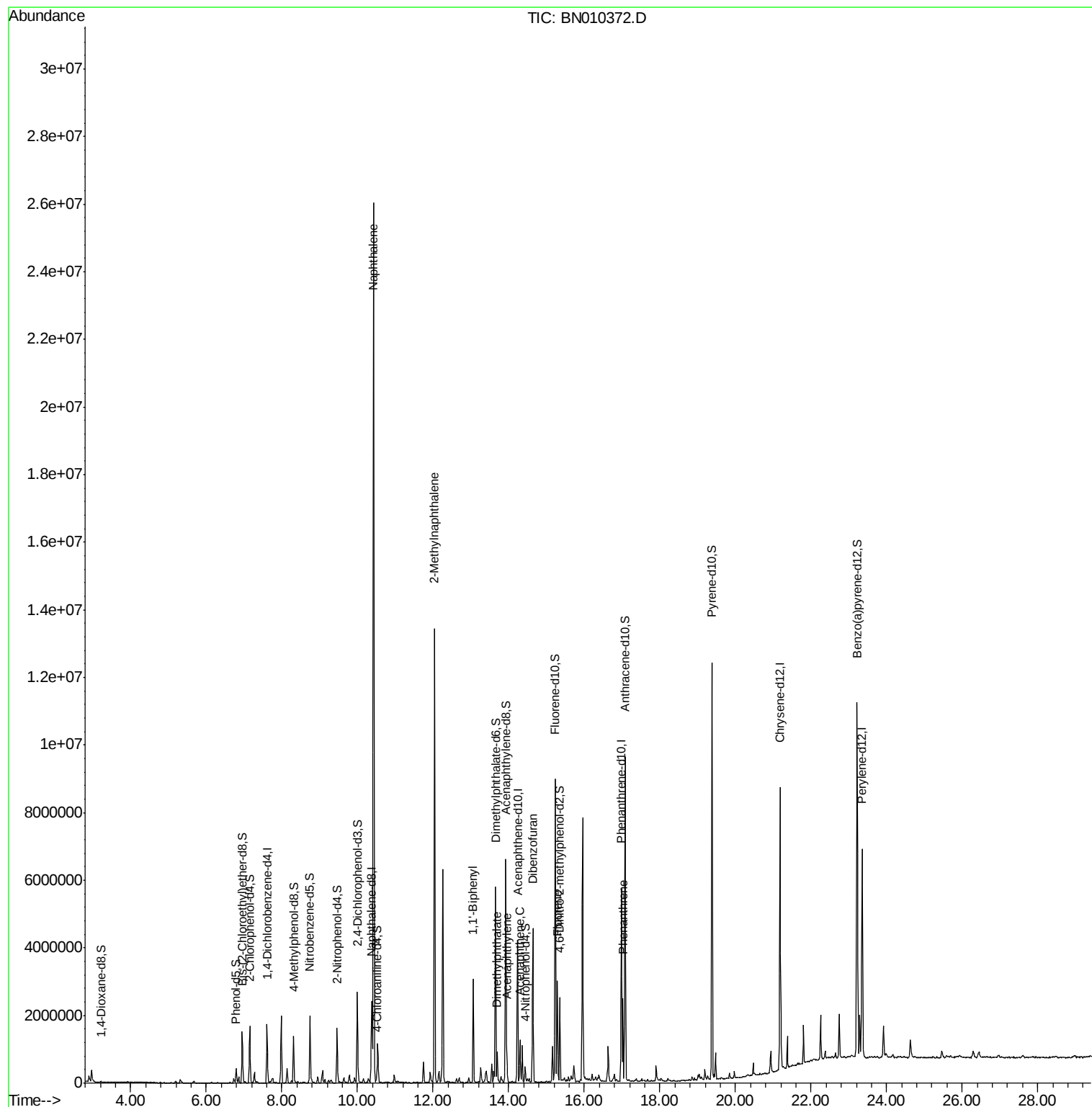
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010372.D
Acq On : 01 Apr 2020 23:20
Operator : CG/JU
Sample : L2065-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

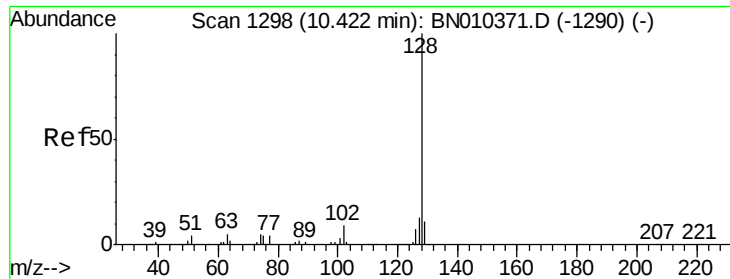
Instrument :
BNA_N
ClientSampleId :
DBF05

Quant Time: Apr 02 00:39:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 17:35:00 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
4/3/2020 2:18:53 PM





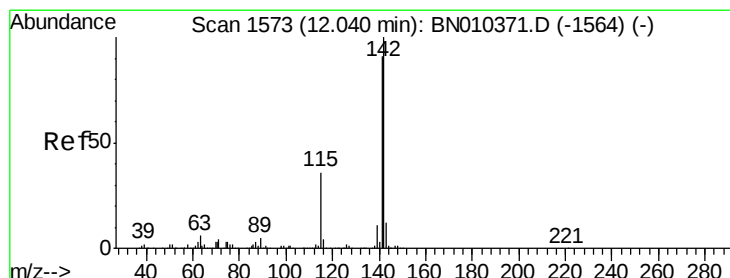
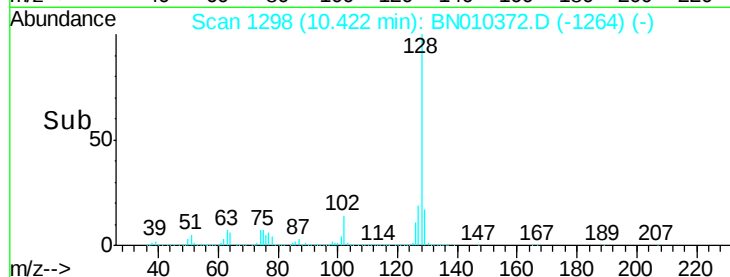
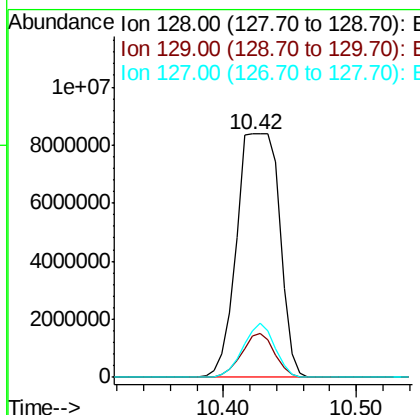
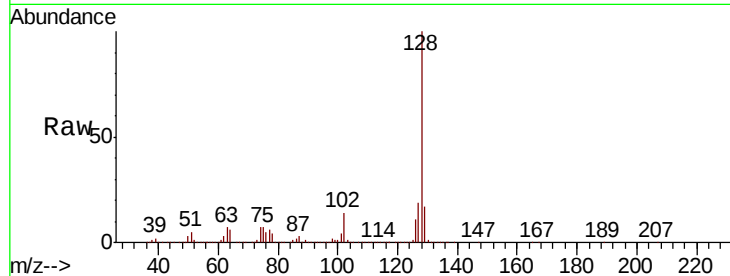
#28
Naphthalene
Concen: 162.460 ng/ul m
RT: 10.42 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BN010372.D
Acq: 01 Apr 2020 23:20

Instrument :
BNA_N
ClientSampled :
DBF05

Tot Ion:128 Resp:18766621
Ion Ratio Lower Upper
128 100
129 16.8 8.6 13.0#
127 18.8 10.8 16.2#

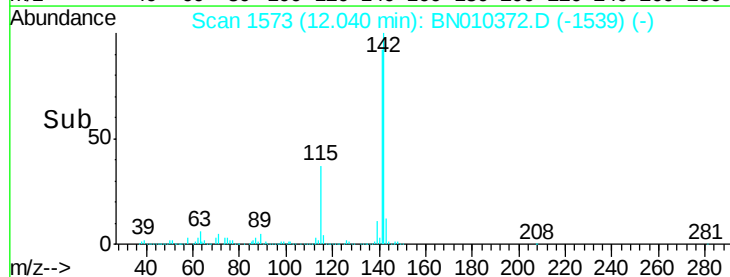
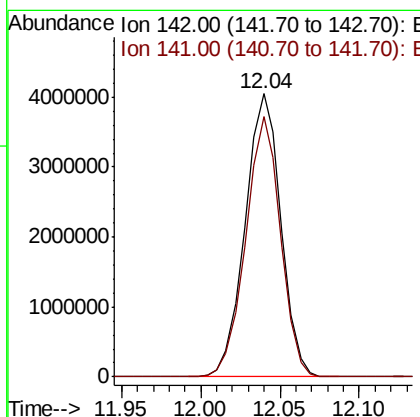
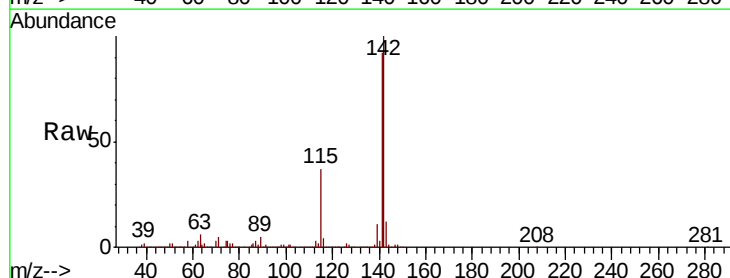
Manual Integrations
APPROVED

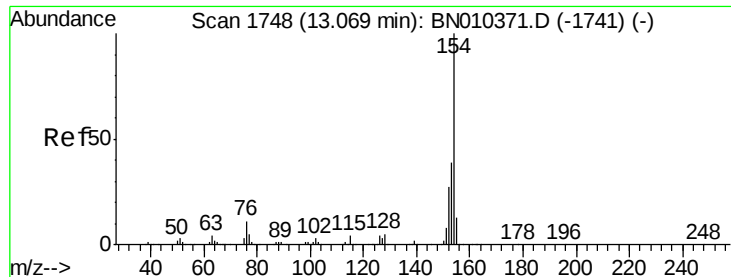
mohammad
4/3/2020 2:18:53 PM



#34
2-Methylnaphthalene
Concen: 75.241 ng/ul
RT: 12.04 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN010372.D
Acq: 01 Apr 2020 23:20

Tgt Ion:142 Resp: 6314494
Ion Ratio Lower Upper
142 100
141 92.1 72.1 108.1





#41

1,1'-Biphenyl

Concen: 14.070 ng/ul

RT: 13.06 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BN010372.D

Acq: 01 Apr 2020 23:20

Instrument :

BNA_N

ClientSampled :

DBF05

Tot Ion:154 Resp: 1599955

Ion Ratio Lower Upper

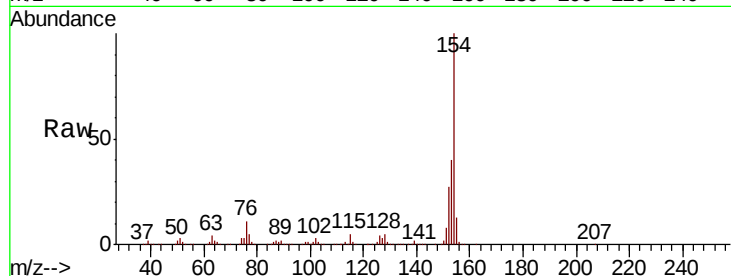
154 100

153 39.9 32.6 49.0

76 11.4 9.4 14.2

Manual Integrations
APPROVED

mohammad
4/3/2020 2:18:53 PM



Abundance Ion 154.00 (153.70 to 154.70): E

1500000 Ion 153.00 (152.70 to 153.70): E

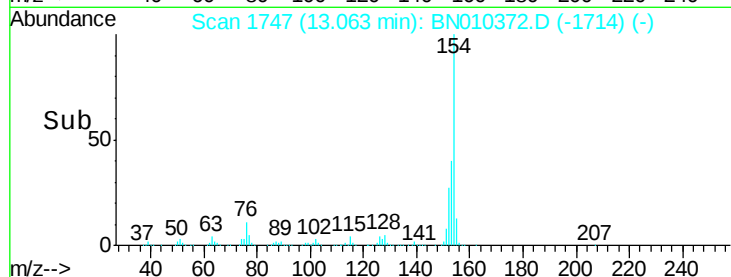
Ion 76.00 (75.70 to 76.70): BNC

1000000

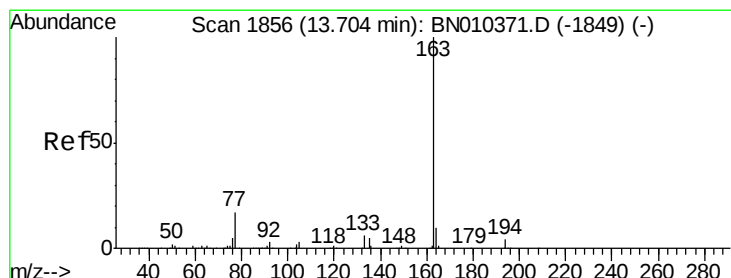
500000

0

13.00 13.05 13.10



Time-->



#45

Dimethylphthalate

Concen: 4.793 ng/ul

RT: 13.70 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BN010372.D

Acq: 01 Apr 2020 23:20

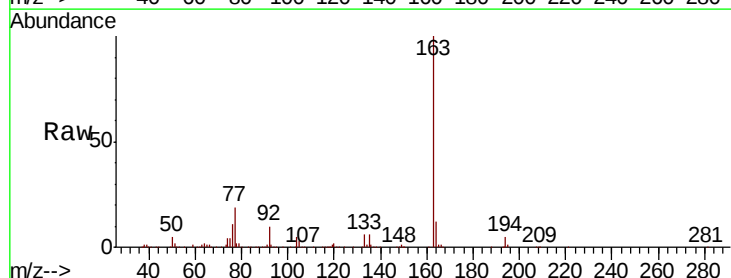
Tgt Ion:163 Resp: 558054

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

164 11.6 8.0 12.0



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

500000

400000

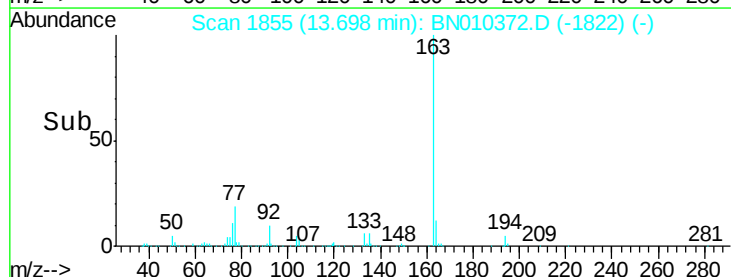
300000

200000

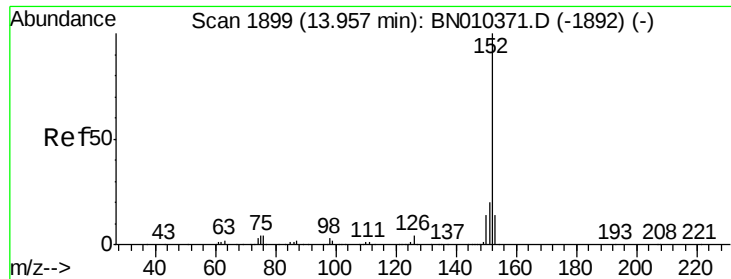
100000

0

13.65 13.70 13.75



Time-->



#48

Acenaphthylene

Concen: 3.013 ng/ul

RT: 13.95 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BN010372.D

Acq: 01 Apr 2020 23:20

Instrument :

BNA_N

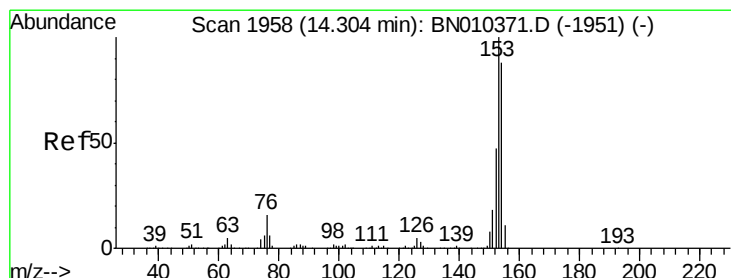
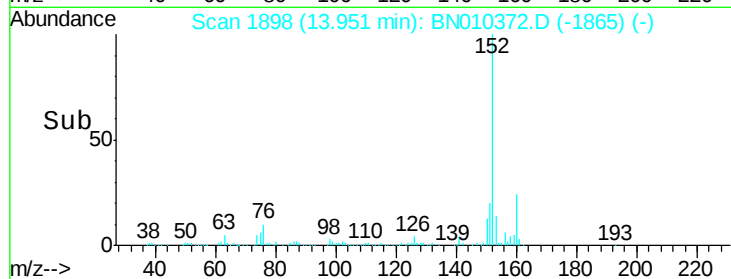
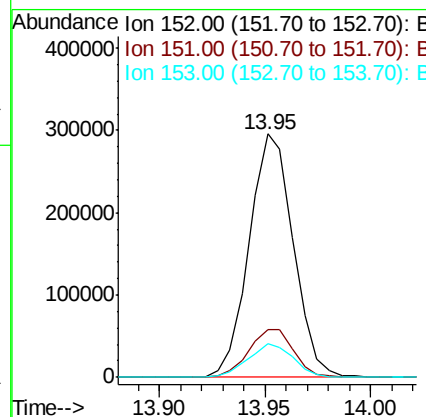
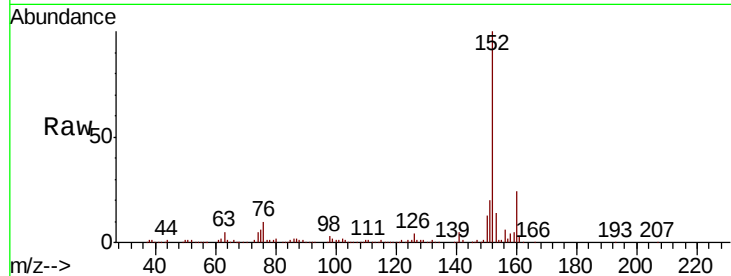
ClientSampleId :

DBF05

Tot Ion:	152	Resp:	426992
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.3	24.5
153	14.0	10.2	15.2

Manual Integrations
APPROVED

mohammad
4/3/2020 2:18:53 PM



#50

Acenaphthene

Concen: 5.101 ng/ul

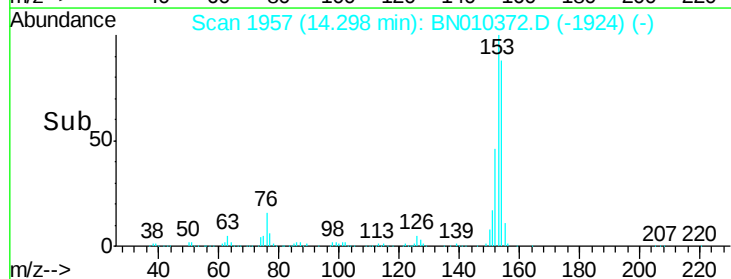
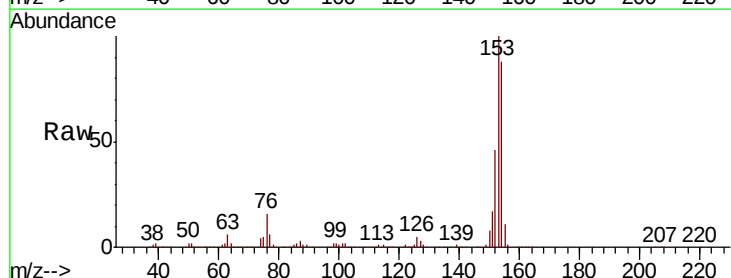
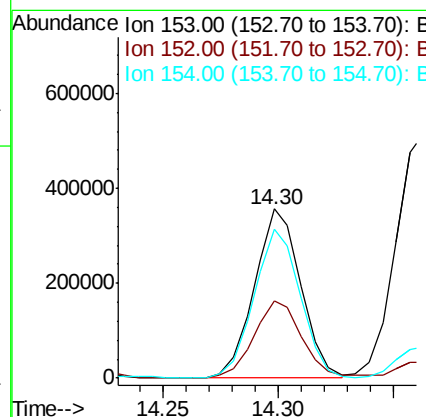
RT: 14.30 min Scan# 1957

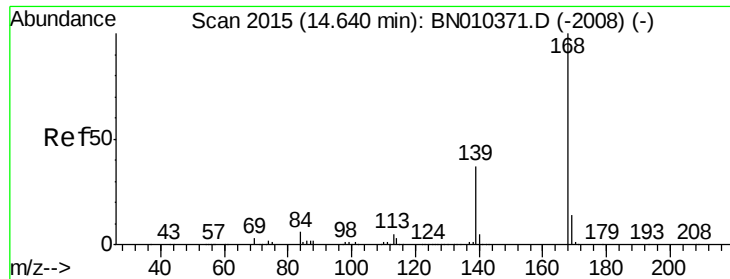
Delta R.T. -0.01 min

Lab File: BN010372.D

Acq: 01 Apr 2020 23:20

Tgt Ion:	153	Resp:	497968
Ion Ratio	Lower	Upper	
153	100		
152	45.9	37.8	56.6
154	88.0	69.1	103.7





#54

Dibenzenofuran

Concen: 20.071 ng/ul

RT: 14.64 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BN010372.D

Acq: 01 Apr 2020 23:20

Instrument :

BNA_N

ClientSampleId :

DBF05

Tot Ion:168 Resp: 2759744

Ion Ratio Lower Upper

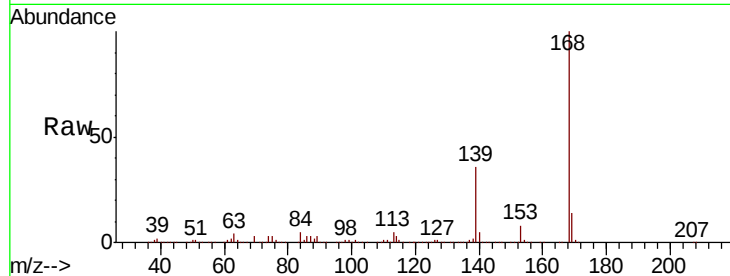
168 100

139 35.8 29.0 43.4

Manual Integrations
APPROVED

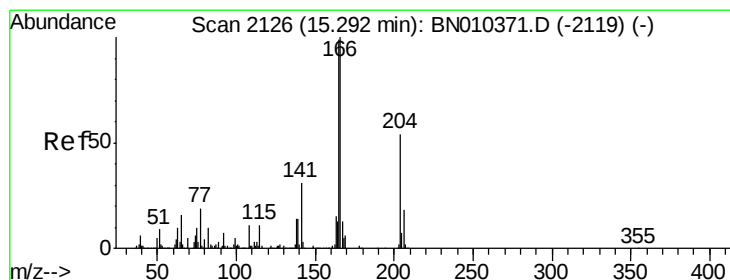
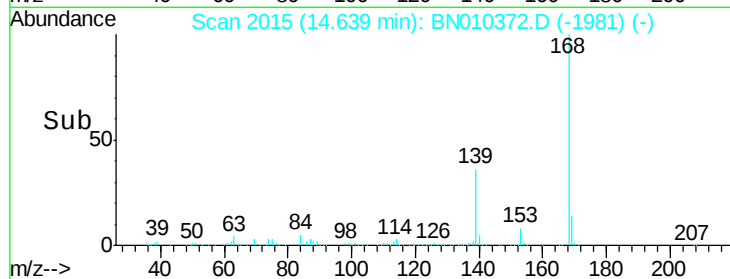
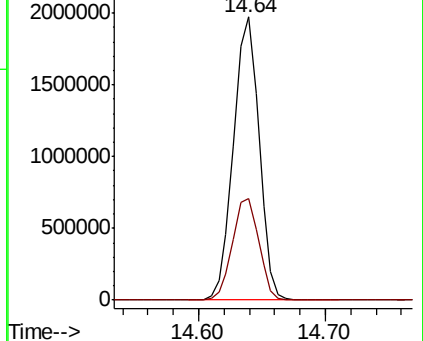
mohammad

4/3/2020 2:18:53 PM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 11.512 ng/ul

RT: 15.29 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BN010372.D

Acq: 01 Apr 2020 23:20

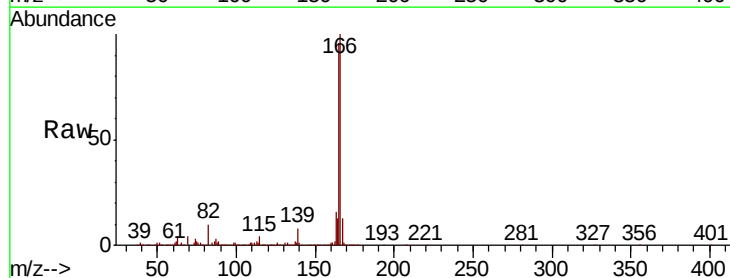
Tgt Ion:166 Resp: 1288255

Ion Ratio Lower Upper

166 100

165 96.2 77.6 116.4

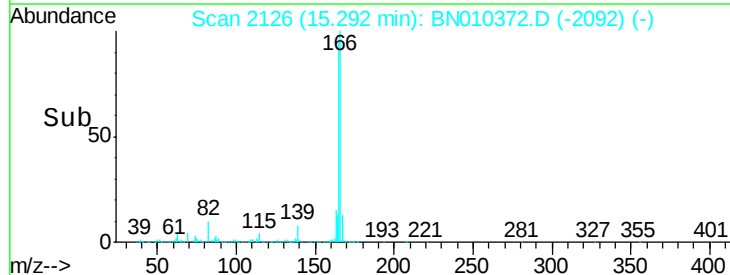
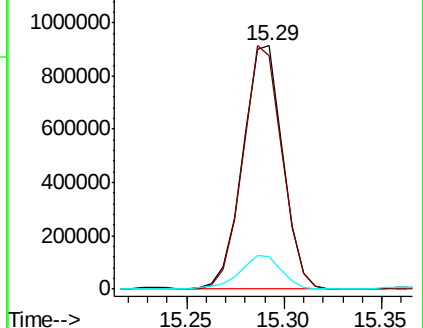
167 13.2 10.7 16.1

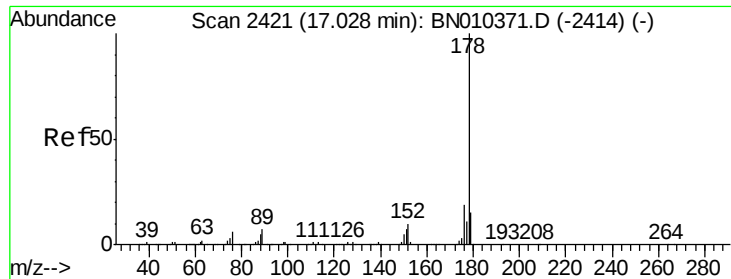


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70
 Phenanthrene
 Concen: 7.417 ng/ul
 RT: 17.02 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BN010372.D
 Acq: 01 Apr 2020 23:20

Instrument :
 BNA_N
 ClientSampleId :
 DBF05

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.9	17.9
176	18.8	15.4	23.2

Manual Integrations
 APPROVED

mohammad
 4/3/2020 2:18:53 PM

