

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
 Data File : BN010064.D
 Acq On : 03 Mar 2020 16:28
 Operator : CG/JU
 Sample : L1507-17MEDL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD15MEDL

Manual Integrations
 APPROVED

mohammad
 3/4/2020 7:51:41 AM

Quant Time: Mar 03 17:17:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 12:28:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	45128	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	188646	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	123356	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	266684m	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	246685	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	265161	20.00	ng/ul	0.00

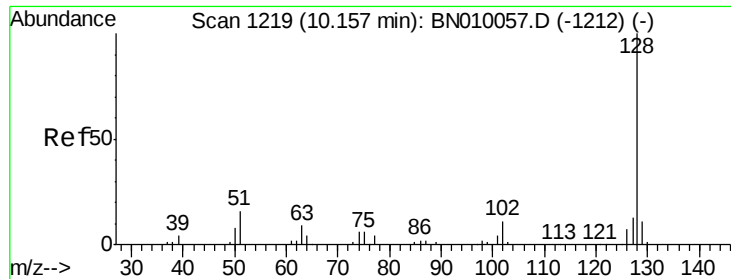
System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.63	99	4475m	1.17	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	6.75	67	3454	1.30	ng/ul	0.02
9) 2-Chlorophenol-d4	6.92	132	3578	1.24	ng/ul	0.01
13) 4-Methylphenol-d8	8.12	113	2568	0.84	ng/ul	0.04
19) Nitrobenzene-d5	8.54	128	1247	0.90	ng/ul	0.03
22) 2-Nitrophenol-d4	9.25	143	915	0.61	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.82	165	4127m	1.42	ng/ul	0.06
29) 4-Chloroaniline-d4	10.31	131	5277m	1.62	ng/ul	0.04
44) Dimethylphthalate-d6	13.45	166	17905	1.94	ng/ul	0.02
47) Acenaphthylene-d8	13.70	160	18602	1.71	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.02	176	14882	1.87	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.87	188	24335	1.99	ng/ul	0.01
79) Pyrene-d10	19.18	212	26598	2.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	23792	1.80	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.16	128	53800	5.289	ng/ul	99
34) 2-Methylnaphthalene	11.79	142	41881	5.929	ng/ul	90
41) 1,1'-Biphenyl	12.84	154	11826	1.248	ng/ul#	88
50) Acenaphthene	14.07	153	76556	9.508	ng/ul	95
54) Dibenzofuran	14.42	168	69444	6.145	ng/ul	95
59) Fluorene	15.07	166	59541	6.278	ng/ul	98
70) Phenanthrene	16.81	178	332386m	21.839	ng/ul	
72) Anthracene	16.91	178	32754	2.105	ng/ul	98
77) Fluoranthene	18.85	202	250444m	14.048	ng/ul	
80) Pyrene	19.21	202	174599	9.817	ng/ul#	90
83) Benzo(a)anthracene	20.98	228	45963	2.711	ng/ul	98
85) Chrysene	21.03	228	28479	1.706	ng/ul	94
88) Benzo(b)fluoranthene	22.48	252	24662	1.435	ng/ul#	92
91) Benzo(a)pyrene	23.00	252	15596	1.009	ng/ul	95

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



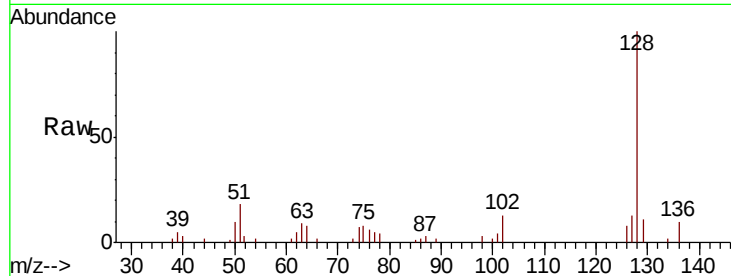
#28
Naphthalene
Concen: 5.289 ng/ul
RT: 10.16 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BN010064.D
Acq: 03 Mar 2020 16:28

Instrument :
BNA_N
ClientSampleId :
DBD15MEDL

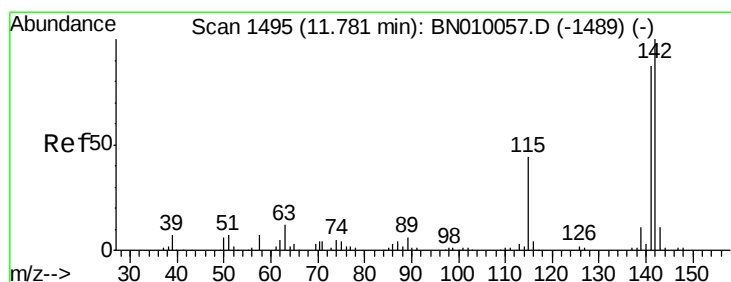
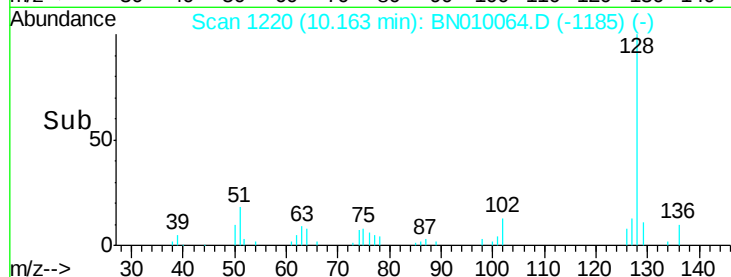
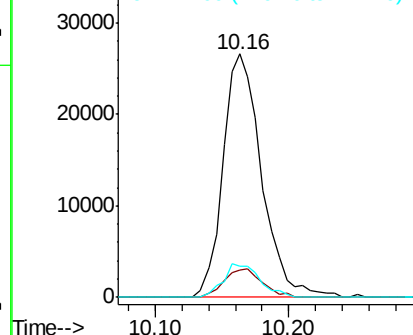
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	12.9	10.3	15.5

Manual Integrations
APPROVED

mohammad
3/4/2020 7:51:41 AM

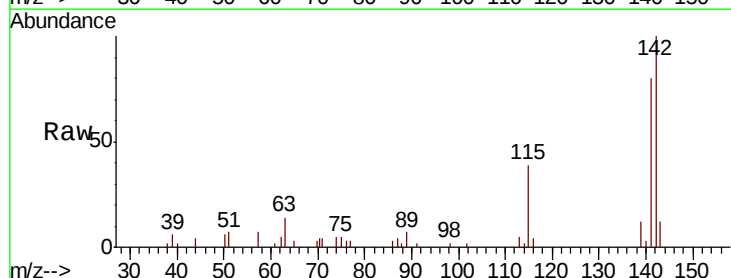


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

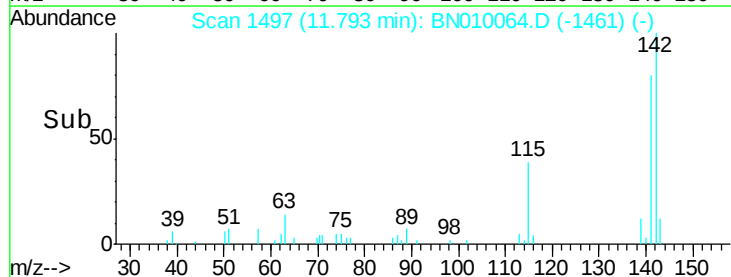
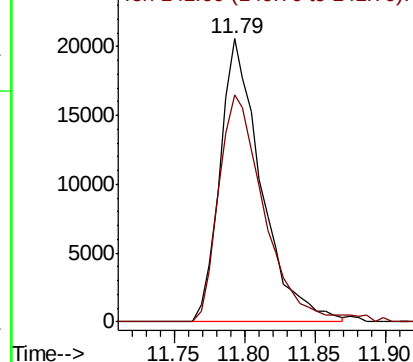


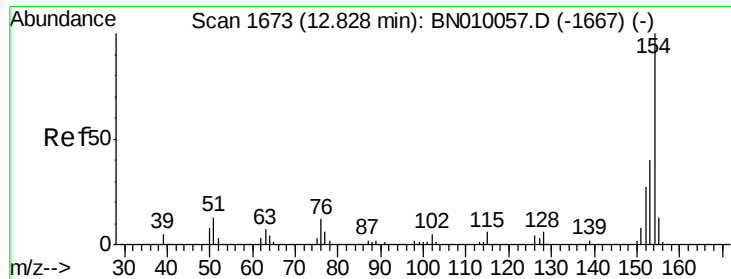
#34
2-Methylnaphthalene
Concen: 5.929 ng/ul
RT: 11.79 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BN010064.D
Acq: 03 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	80.4	72.1	108.1



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





#41

1,1'-Biphenyl

Concen: 1.248 ng/ul

RT: 12.84 min Scan# 1675

Delta R.T. 0.01 min

Lab File: BN010064.D

Acq: 03 Mar 2020 16:28

Instrument :

BNA_N

ClientSampleId :

DBD15MEDL

Tot Ion:154 Resp: 11826

Ion Ratio Lower Upper

154 100

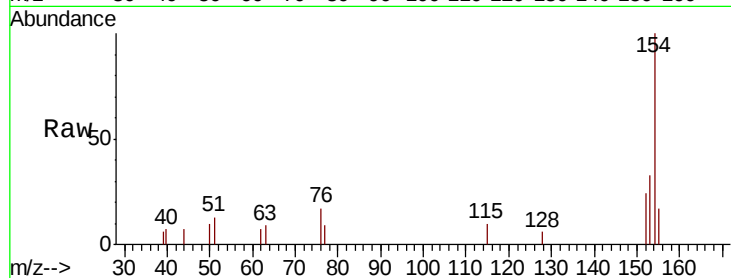
153 32.9 33.2 49.8#

76 17.0 11.0 16.4#

Manual Integrations
APPROVED

mohammad

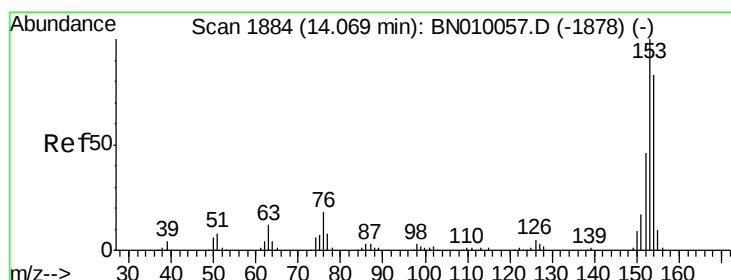
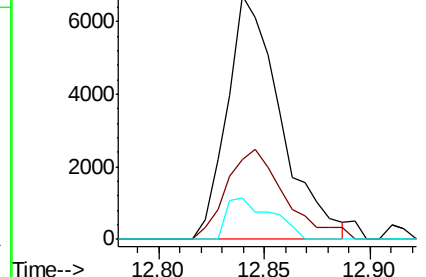
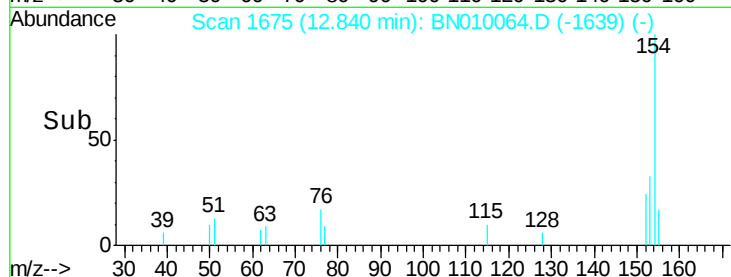
3/4/2020 7:51:41 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#50

Acenaphthene

Concen: 9.508 ng/ul

RT: 14.07 min Scan# 1885

Delta R.T. 0.01 min

Lab File: BN010064.D

Acq: 03 Mar 2020 16:28

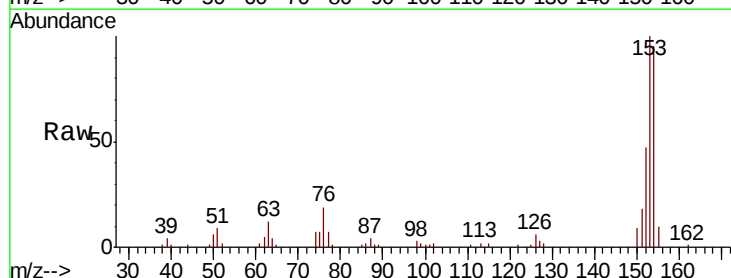
Tgt Ion:153 Resp: 76556

Ion Ratio Lower Upper

153 100

152 46.9 36.6 54.8

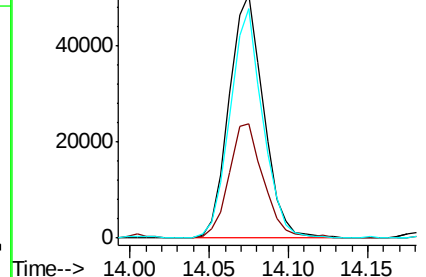
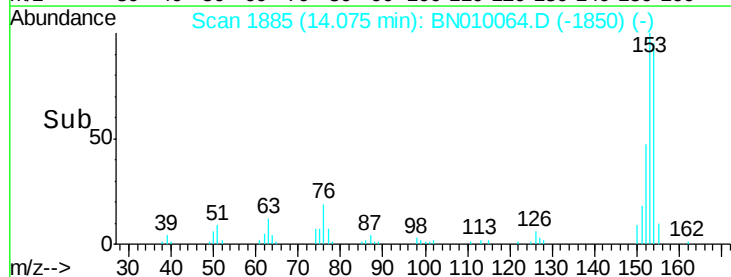
154 94.5 70.6 106.0

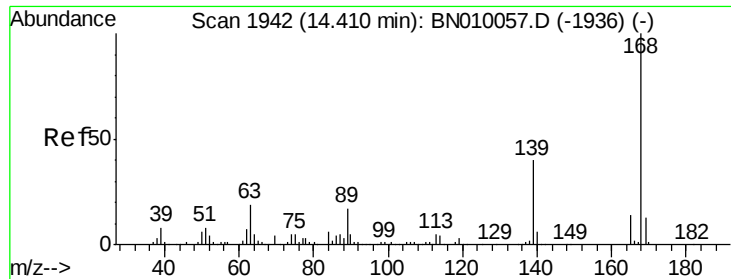


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 6.145 ng/ul

RT: 14.42 min Scan# 1944

Delta R.T. 0.01 min

Lab File: BN010064.D

Acq: 03 Mar 2020 16:28

Instrument :

BNA_N

ClientSampleId :

DBD15MEDL

Tot Ion:168 Resp: 69444

Ion Ratio Lower Upper

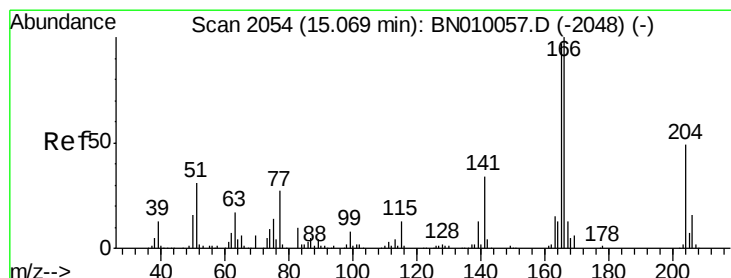
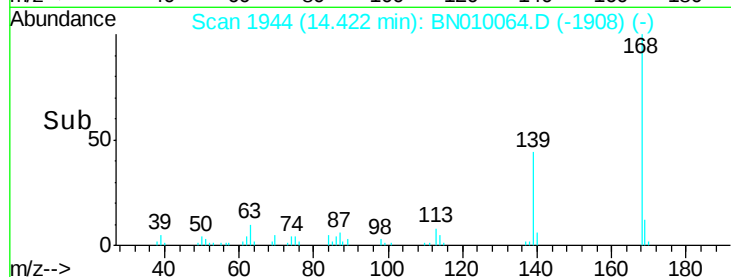
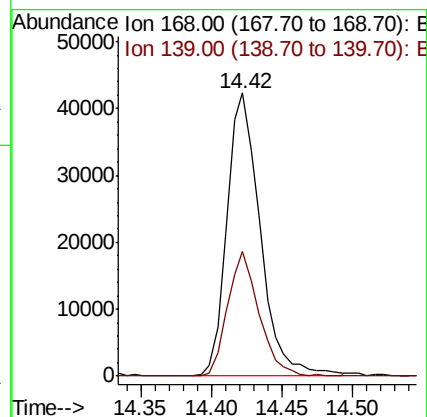
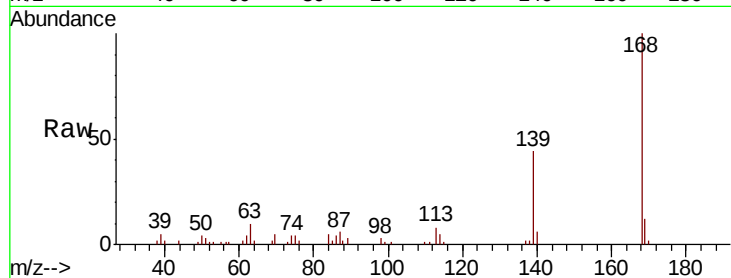
168 100

139 44.2 32.7 49.1

Manual Integrations
APPROVED

mohammad

3/4/2020 7:51:41 AM



#59

Fluorene

Concen: 6.278 ng/ul

RT: 15.07 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BN010064.D

Acq: 03 Mar 2020 16:28

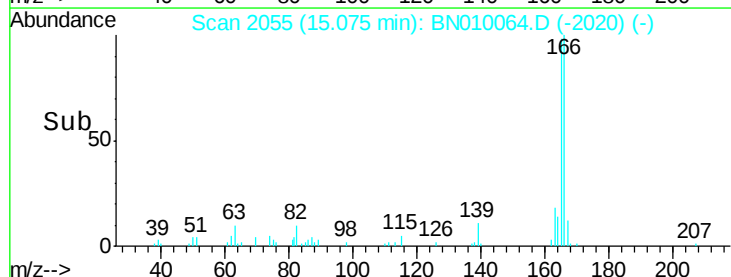
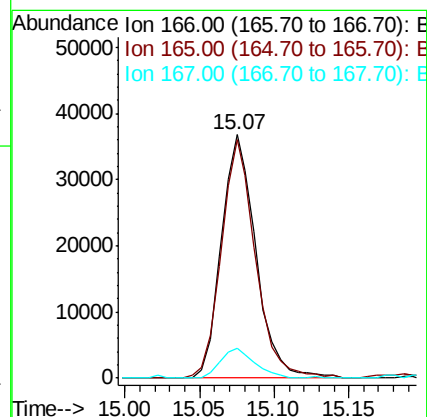
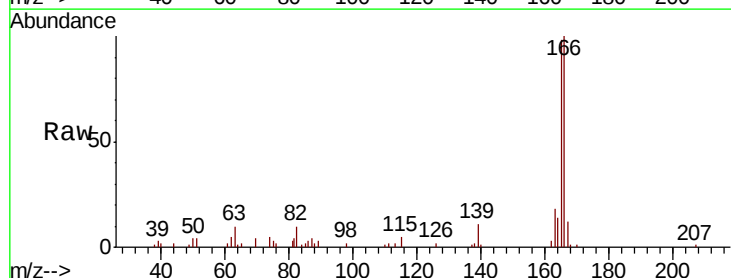
Tgt Ion:166 Resp: 59541

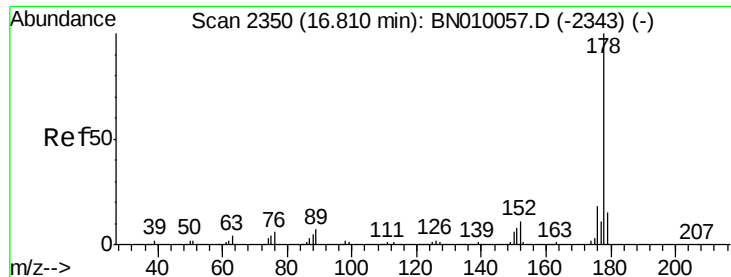
Ion Ratio Lower Upper

166 100

165 98.2 79.8 119.8

167 12.2 10.7 16.1





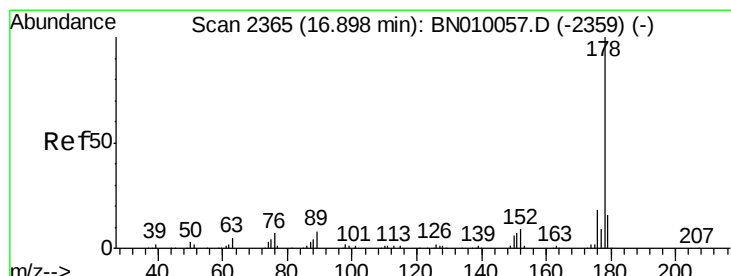
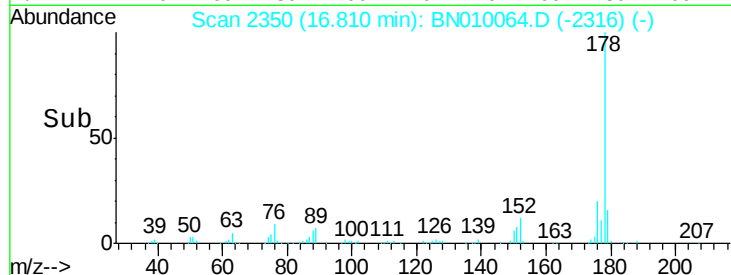
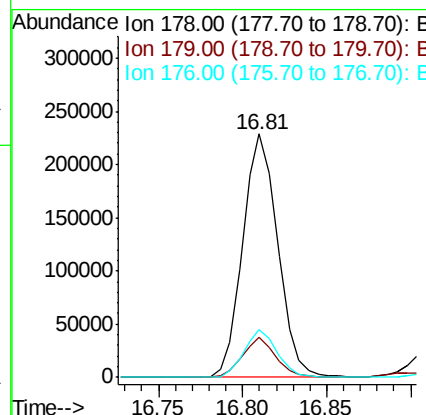
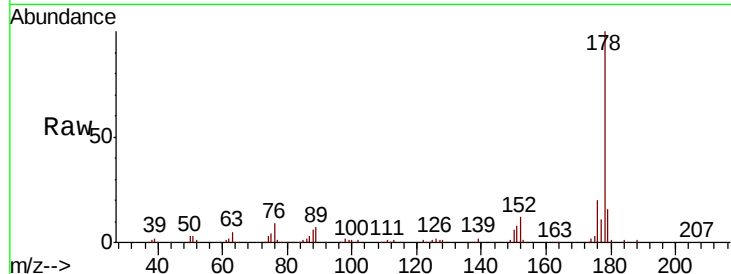
#70
Phenanthrene
Concen: 21.839 ng/ul m
RT: 16.81 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BN010064.D
Acq: 03 Mar 2020 16:28

Instrument :
BNA_N
ClientSampleId :
DBD15MEDL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.5	18.7
176	19.8	14.6	22.0

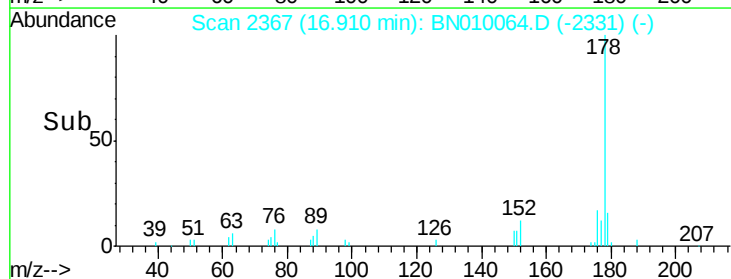
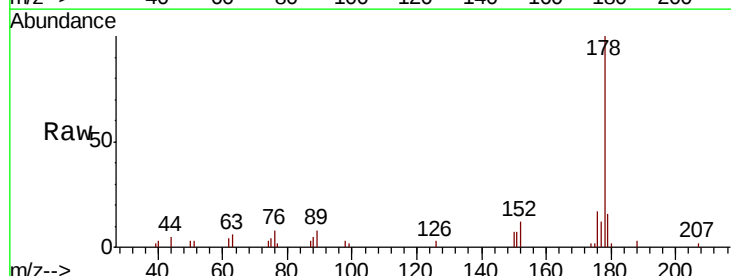
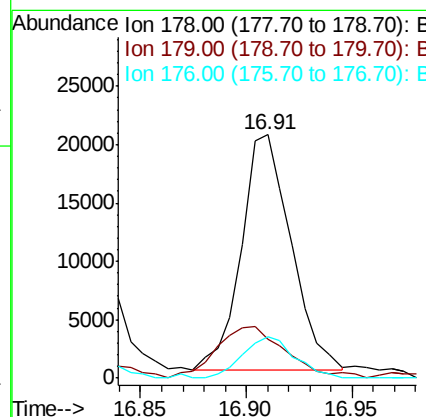
Manual Integrations
APPROVED

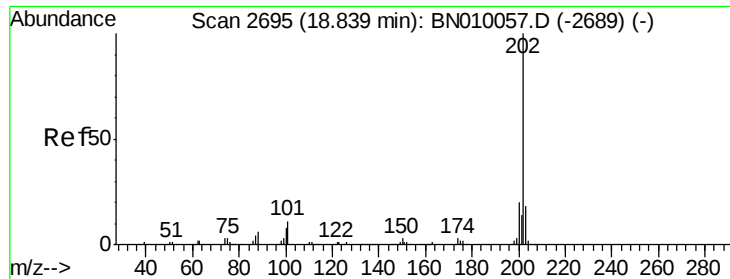
mohammad
3/4/2020 7:51:41 AM



#72
Anthracene
Concen: 2.105 ng/ul
RT: 16.91 min Scan# 2367
Delta R.T. 0.01 min
Lab File: BN010064.D
Acq: 03 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.2
176	16.8	14.6	21.8





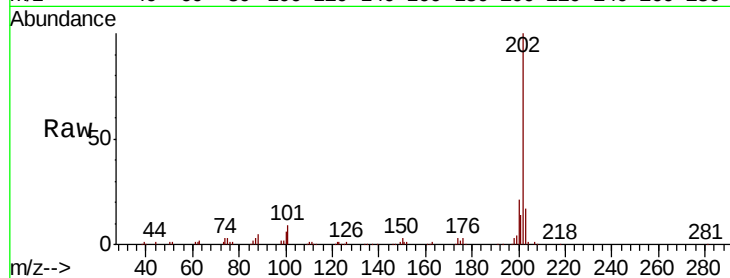
#77
Fluoranthene
Concen: 14.048 ng/ul m
RT: 18.85 min Scan# 2696
Delta R.T. 0.01 min
Lab File: BN010064.D
Acq: 03 Mar 2020 16:28

Instrument :
BNA_N
ClientSampleId :
DBD15MEDL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	250444		
101	8.7		9.4	14.2#
100	6.2		7.2	10.8#

Manual Integrations
APPROVED

mohammad
3/4/2020 7:51:41 AM

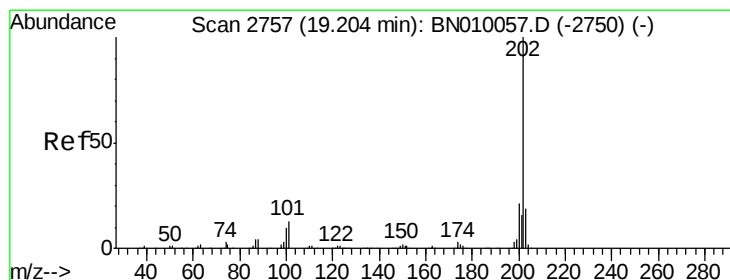
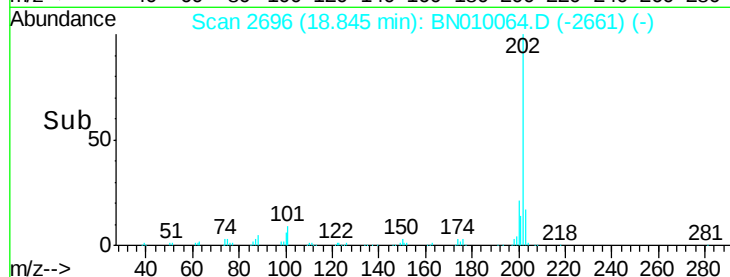
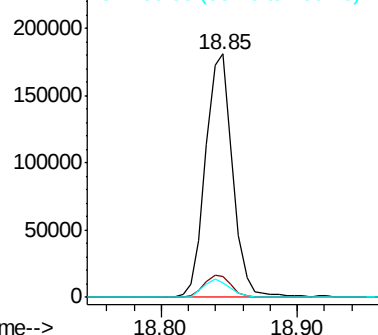


Abundance

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



#80
Pyrene
Concen: 9.817 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. 0.01 min
Lab File: BN010064.D
Acq: 03 Mar 2020 16:28

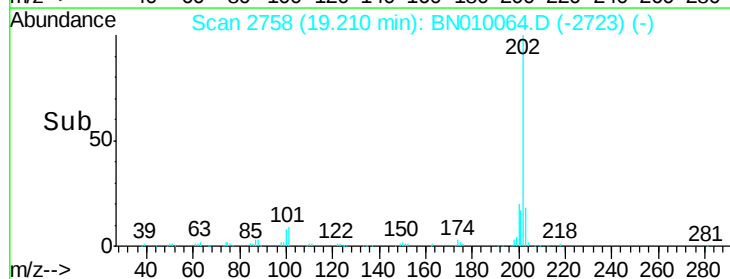
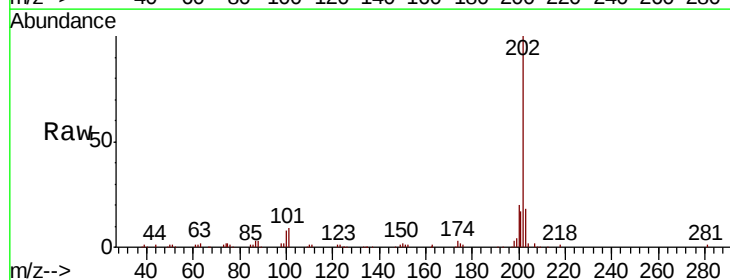
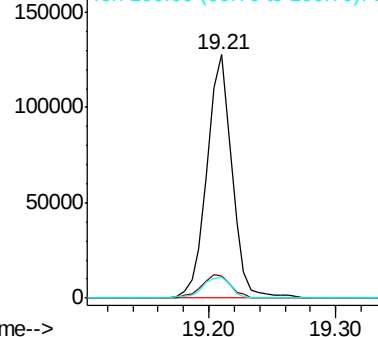
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	174599		
101	9.1		11.3	16.9#
100	8.5		9.0	13.6#

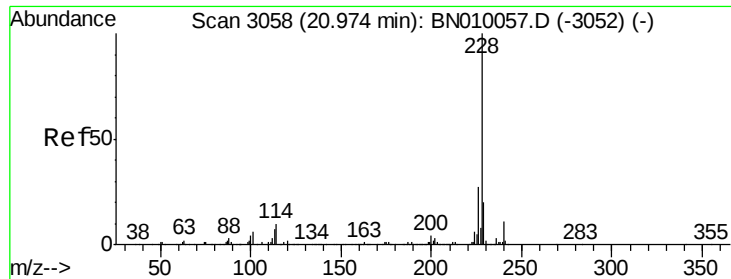
Abundance

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





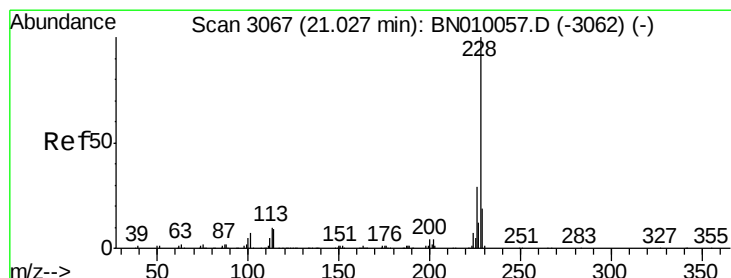
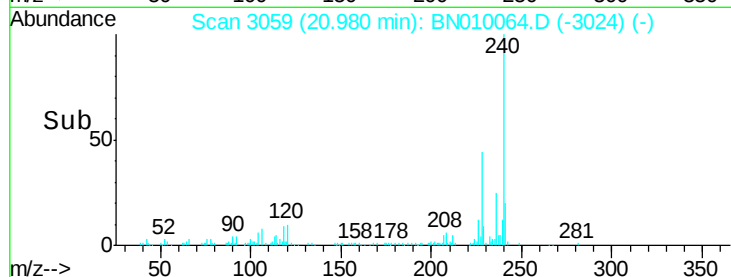
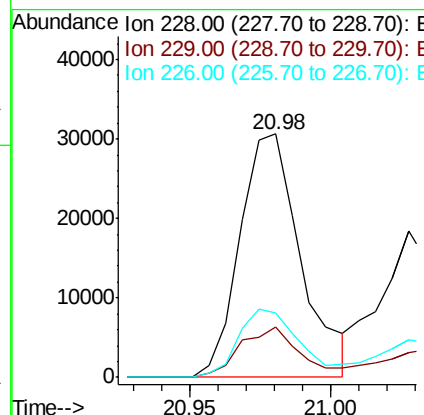
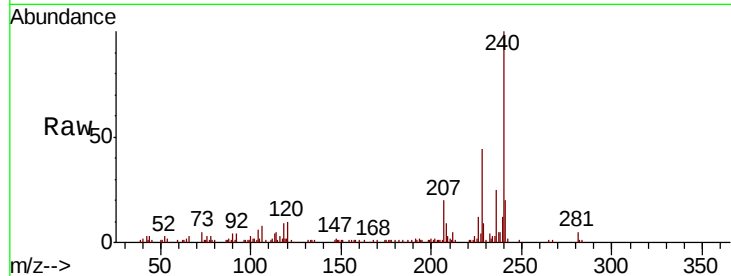
#83
Benzo(a)anthracene
Concen: 2.711 ng/ul
RT: 20.98 min Scan# 3059
Delta R.T. 0.01 min
Lab File: BN010064.D
Acq: 03 Mar 2020 16:28

Instrument :
BNA_N
ClientSampleId :
DBD15MEDL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.0	22.4
226	26.4	21.4	32.2

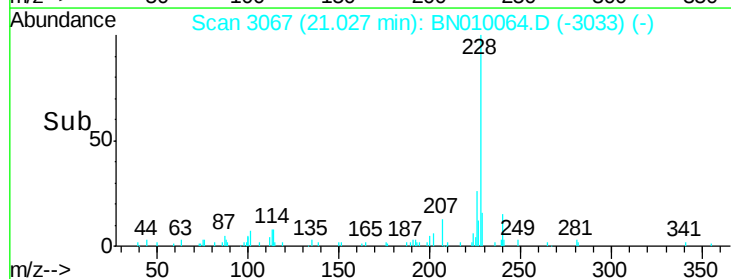
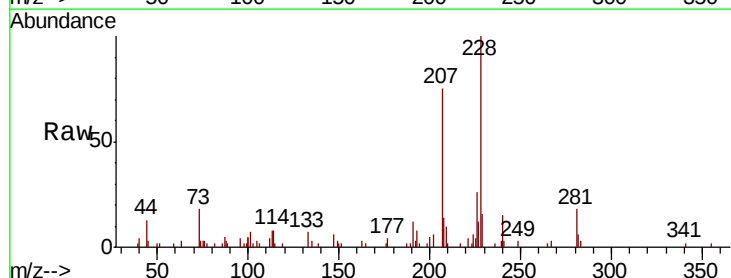
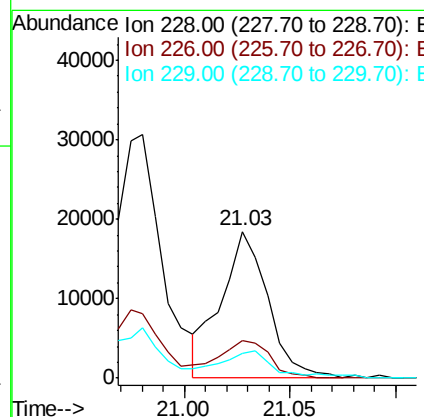
Manual Integrations
APPROVED

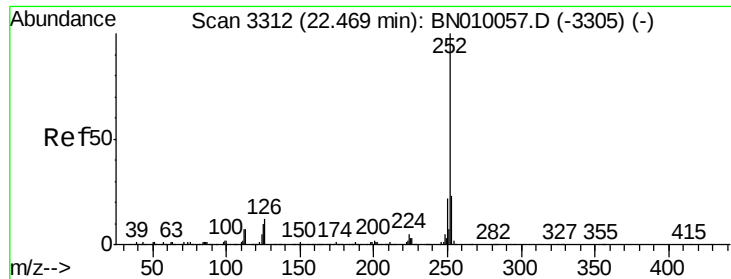
mohammad
3/4/2020 7:51:41 AM



#85
Chrysene
Concen: 1.706 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. 0.00 min
Lab File: BN010064.D
Acq: 03 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.8	23.4	35.2
229	16.5	15.0	22.4





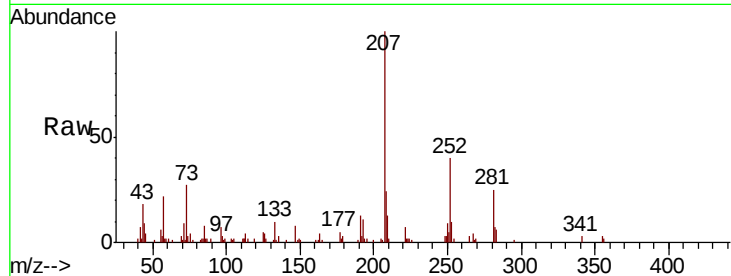
#88
Benzo(b)fluoranthene
Concen: 1.435 ng/ul
RT: 22.48 min Scan# 3314
Delta R.T. 0.01 min
Lab File: BN010064.D
Acq: 03 Mar 2020 16:28

Instrument :
BNA_N
ClientSampleId :
DBD15MEDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.4
125	13.7	8.0	12.0

Manual Integrations
APPROVED

mohammad
3/4/2020 7:51:41 AM

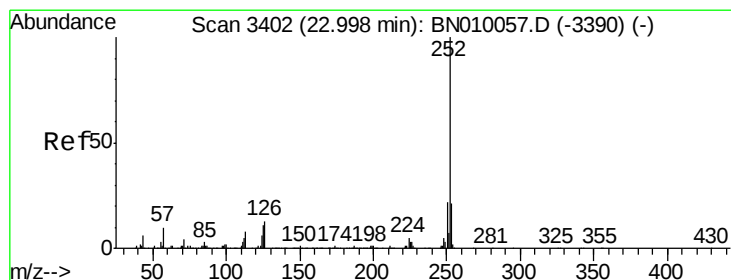
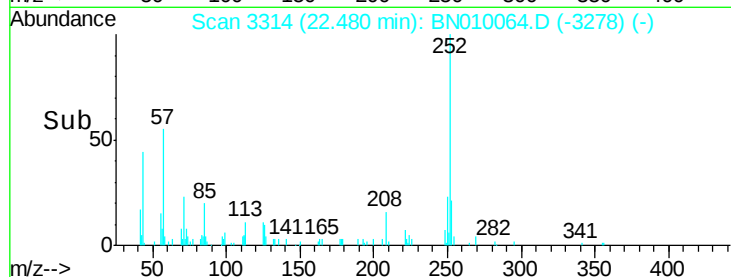
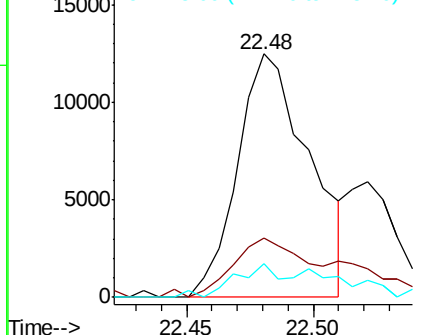


Abundance

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



#91
Benzo(a)pyrene
Concen: 1.009 ng/ul
RT: 23.00 min Scan# 3402
Delta R.T. 0.00 min
Lab File: BN010064.D
Acq: 03 Mar 2020 16:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.4	26.0
125	10.9	9.0	13.6

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

