

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022920.D
 Acq On : 03 Oct 2019 15:00
 Operator : JU
 Sample : K4932-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDG4

Manual Integrations
 APPROVED

mohammad
 10/4/2019 10:13:25 AM

Quant Time: Oct 04 02:43:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 02:36:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	231980	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1004398	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	612093	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	1199919	20.00	ng/ul	0.00
78) Chrysene-d12	21.35	240	937084	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	899224	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	30579	5.70	ng/uL	0.00
5) Phenol-d5	6.96	99	147778	7.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	312971	27.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	389093	23.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	270385	16.11	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	234562	30.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	249357	29.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	465890	27.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	623325	30.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	1466696	30.87	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	1738030	31.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	66469	7.08	ng/ul	0.00
58) Fluorene-d10	15.42	176	1324341	32.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.54	200	199831	25.59	ng/ul	0.00
71) Anthracene-d10	17.27	188	2092199	35.71	ng/ul	0.00
79) Pyrene-d10	19.56	212	2158530	42.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.47	264	1715697	36.88	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.99	94	282346	13.140	ng/ul 99
11) 2-Methylphenol	8.24	108	82008	4.952	ng/ul 97
16) 4-Methylphenol	8.56	108	341265	18.636	ng/ul 97
24) 2,4-Dimethylphenol	9.76	107	241914m	12.834	ng/ul
28) Naphthalene	10.64	128	2413502	44.494	ng/ul 99
34) 2-Methylnaphthalene	12.25	142	826953	20.333	ng/ul 100
45) Dimethylphthalate	13.89	163	63955	1.311	ng/ul 97
50) Acenaphthene	14.49	153	96432	2.338	ng/ul 100
59) Fluorene	15.48	166	84155	1.768	ng/ul 99
70) Phenanthrene	17.21	178	198286	2.769	ng/ul 99
75) Carbazole	17.57	167	94858	1.463	ng/ul 98

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

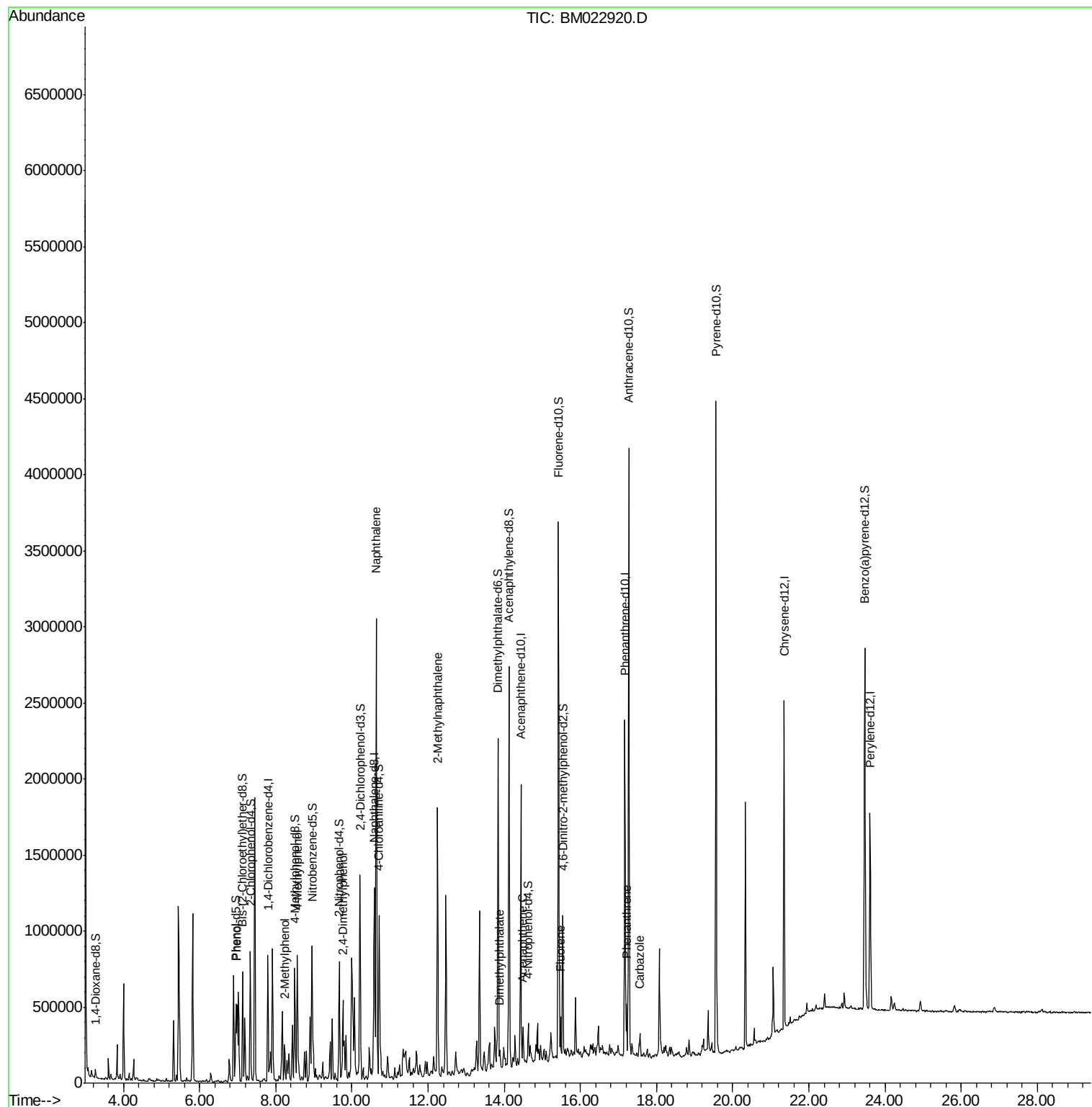
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022920.D
Acq On : 03 Oct 2019 15:00
Operator : JU
Sample : K4932-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

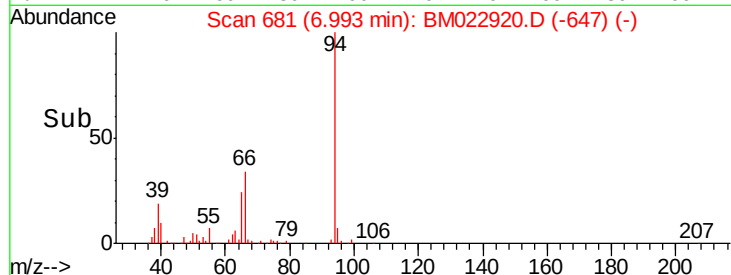
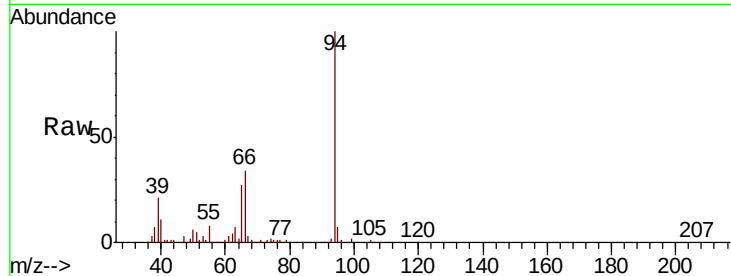
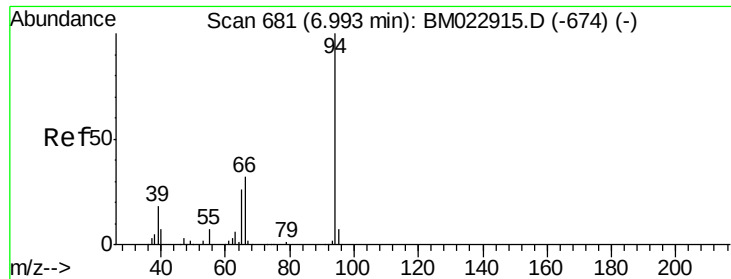
Instrument :
BNA_M
ClientSampleId :
BFDG4

Quant Time: Oct 04 02:43:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 02:36:53 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
10/4/2019 10:13:25 AM





#6

Phenol

Concen: 13.140 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM022920.D

Acq: 03 Oct 2019 15:00

Tot Ion:	94	Resp:	282346
Ion Ratio	Lower	Upper	
94	100		
65	26.6	20.9	31.3
66	33.8	27.2	40.8

Instrument :

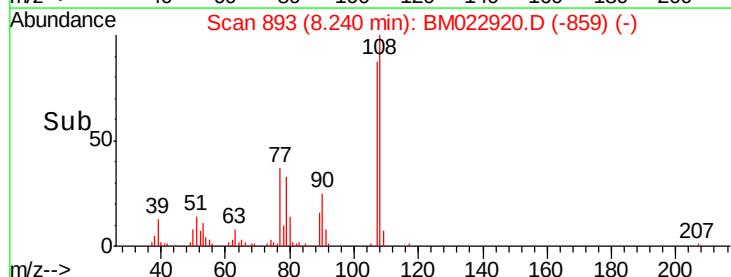
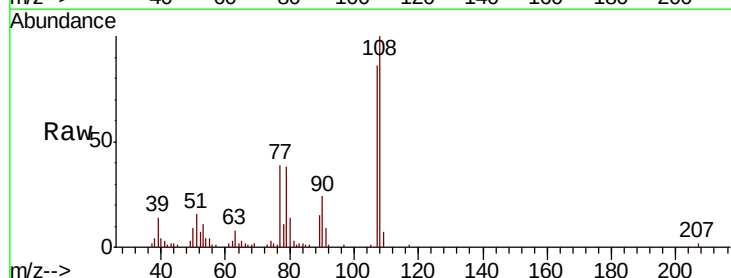
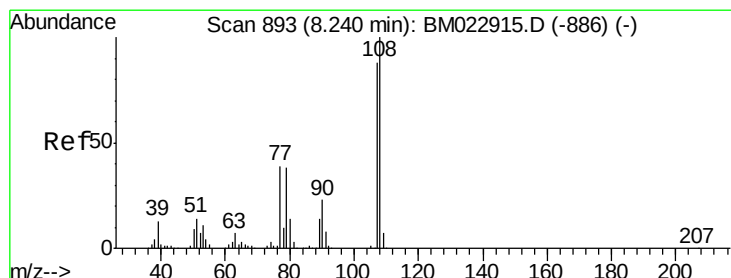
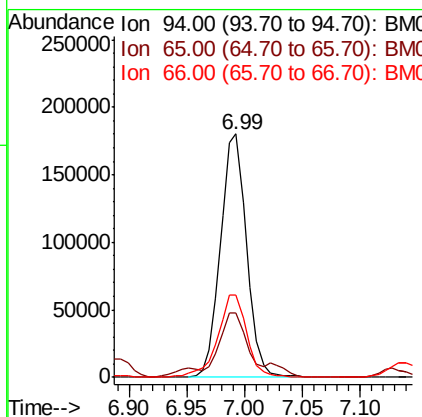
BNA_M

ClientSampleId :

BFDG4

Manual Integrations
APPROVED

mohammad
10/4/2019 10:13:25 AM



#11

2-Methylphenol

Concen: 4.952 ng/ul

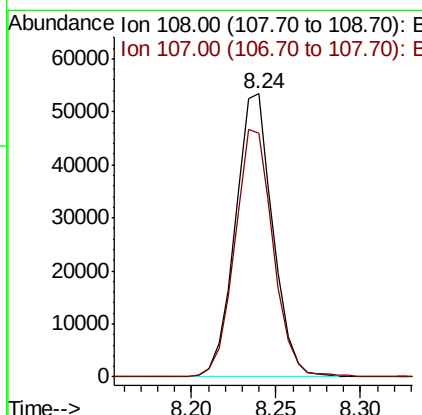
RT: 8.24 min Scan# 893

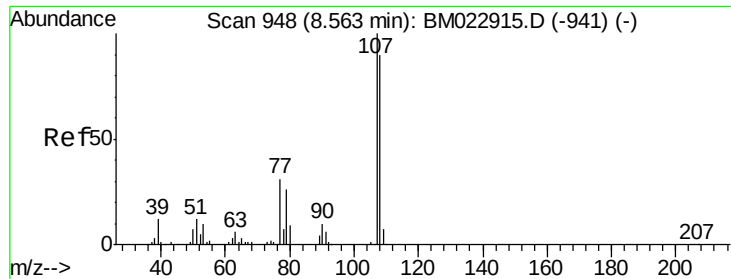
Delta R.T. -0.00 min

Lab File: BM022920.D

Acq: 03 Oct 2019 15:00

Tgt Ion:	108	Resp:	82008
Ion Ratio	Lower	Upper	
108	100		
107	86.1	71.0	106.4





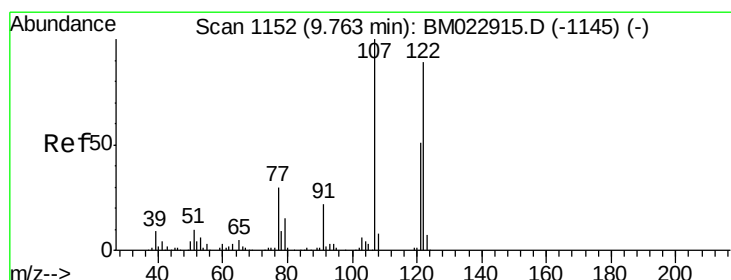
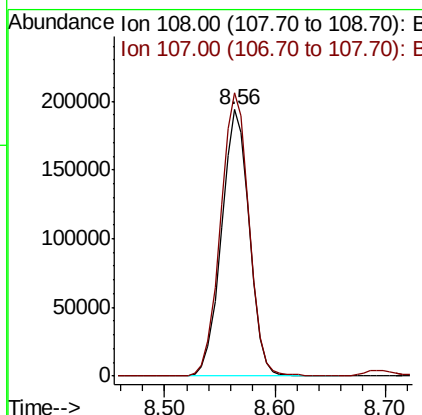
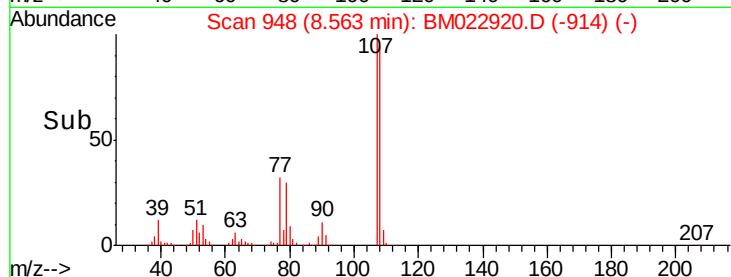
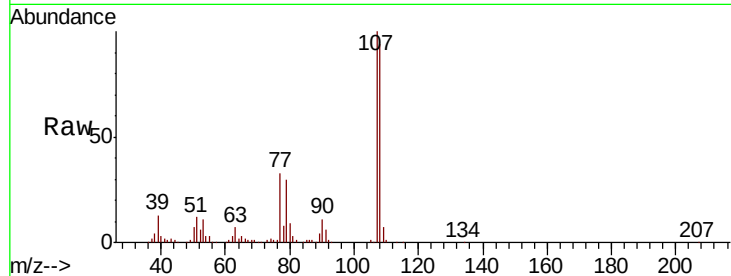
#16
4-Methylphenol
Concen: 18.636 ng/ul
RT: 8.56 min Scan# 948
Delta R.T. -0.00 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Instrument :
BNA_M
ClientSampleId :
BFDG4

Tot Ion	Ratio	Resp	Lower	Upper
108	100	341265		
107	106.3	87.9	131.9	

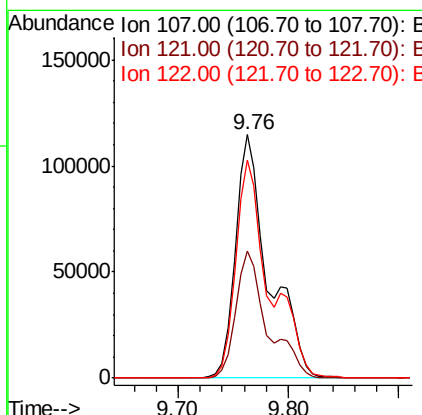
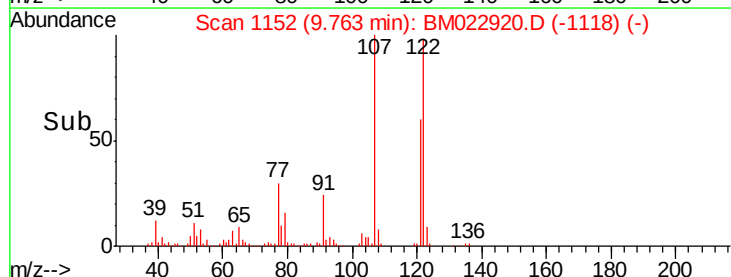
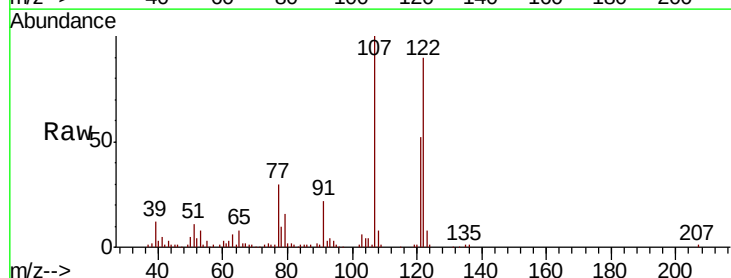
Manual Integrations
APPROVED

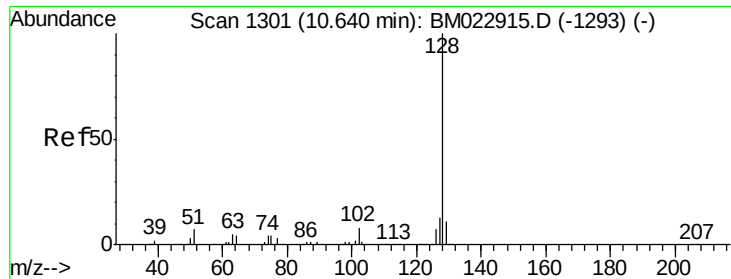
mohammad
10/4/2019 10:13:25 AM



#24
2,4-Dimethylphenol
Concen: 12.834 ng/ul m
RT: 9.76 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	241914		
121	52.0	43.0	64.4	
122	89.8	71.4	107.0	





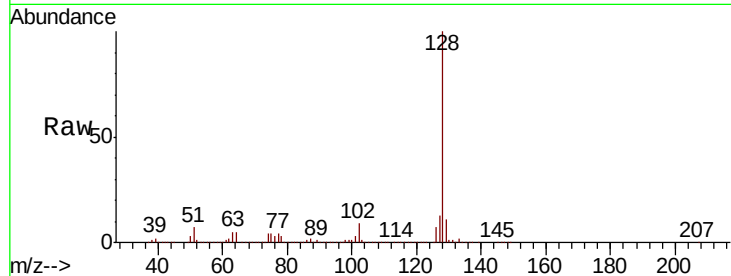
#28
Naphthalene
Concen: 44.494 ng/ul
RT: 10.64 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Instrument :
BNA_M
ClientSampleId :
BFDG4

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.2	10.2	15.4

Manual Integrations
APPROVED

mohammad
10/4/2019 10:13:25 AM

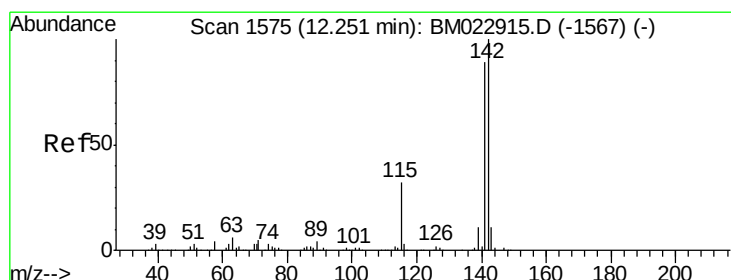
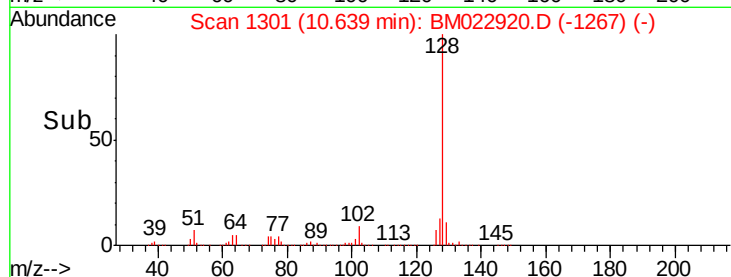
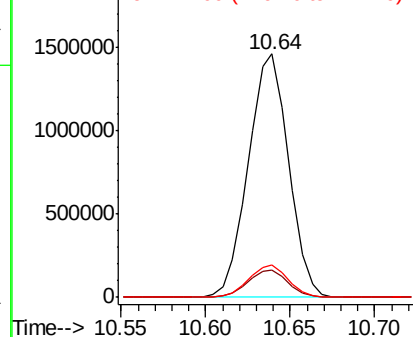


Abundance

Ion 128.00 (127.70 to 128.70): E

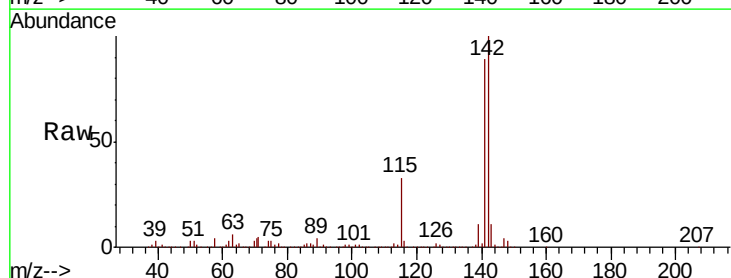
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34
2-Methylnaphthalene
Concen: 20.333 ng/ul
RT: 12.25 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

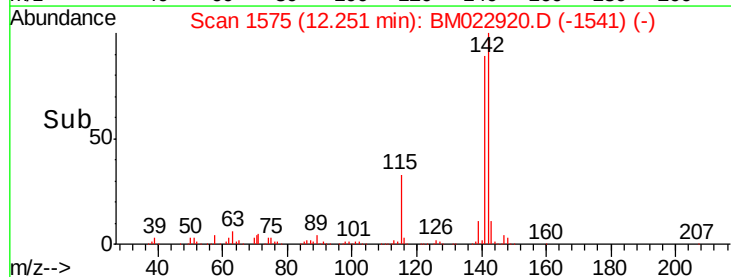
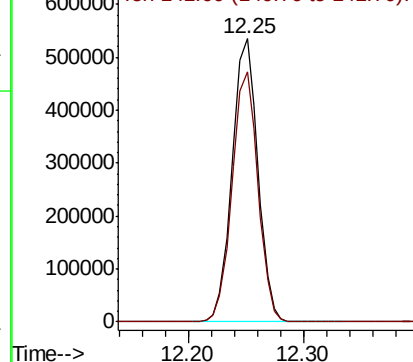
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.2	106.8

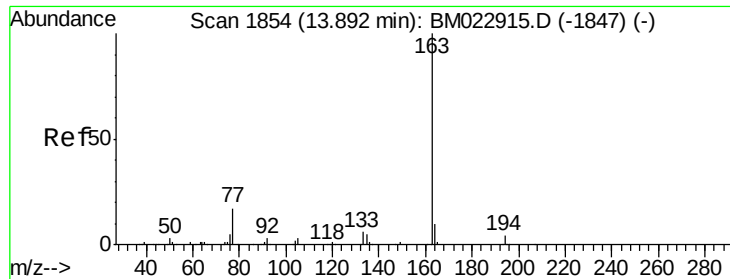


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





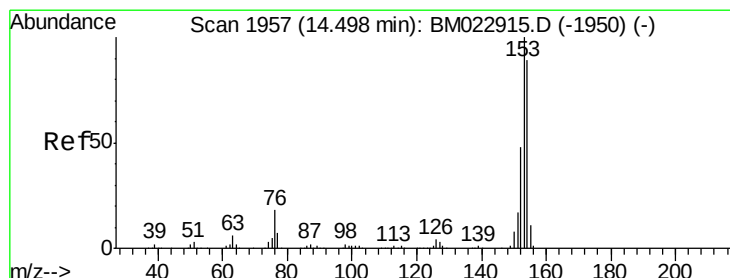
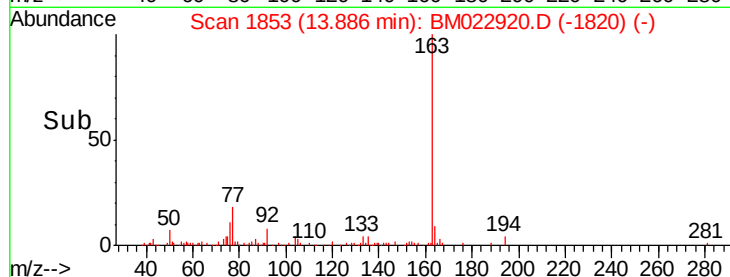
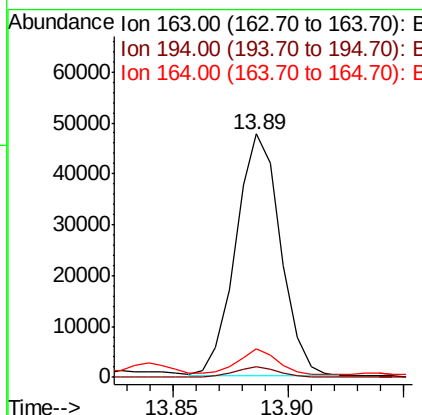
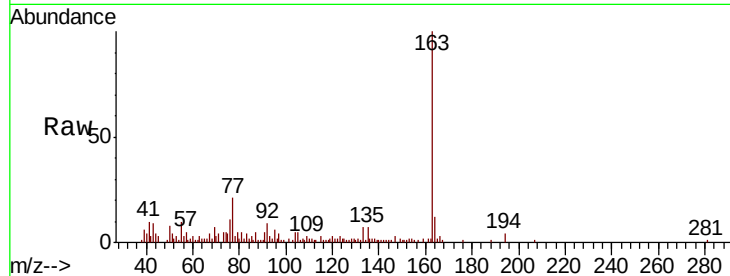
#45
Dimethylphthalate
Concen: 1.311 ng/ul
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Instrument :
BNA_M
ClientSampleId :
BFDG4

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	11.5	8.1	12.1

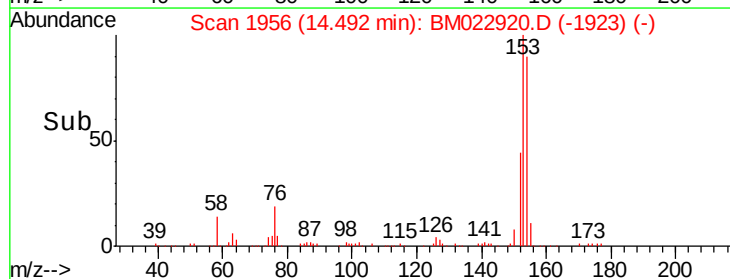
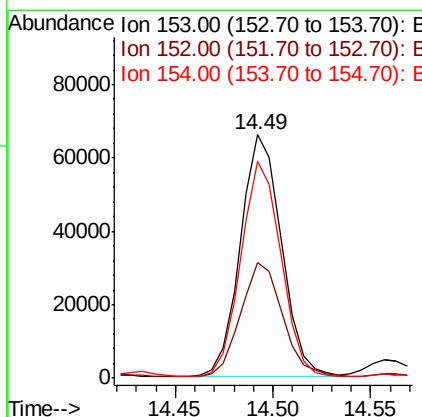
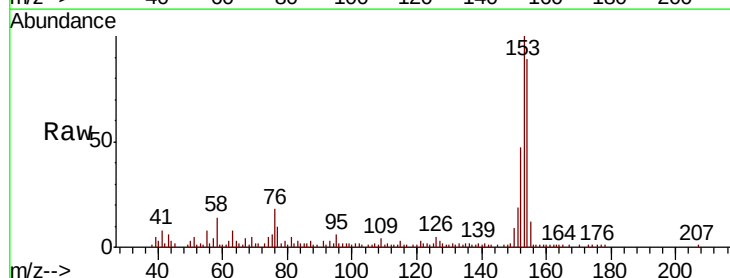
Manual Integrations
APPROVED

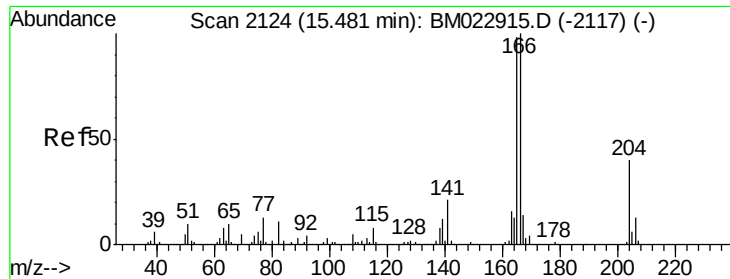
mohammad
10/4/2019 10:13:25 AM



#50
Acenaphthene
Concen: 2.338 ng/ul
RT: 14.49 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.4	38.1	57.1
154	88.8	71.1	106.7





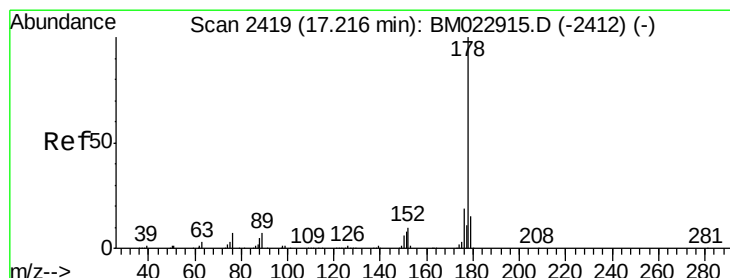
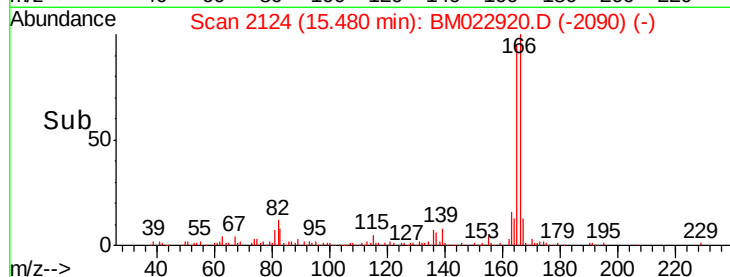
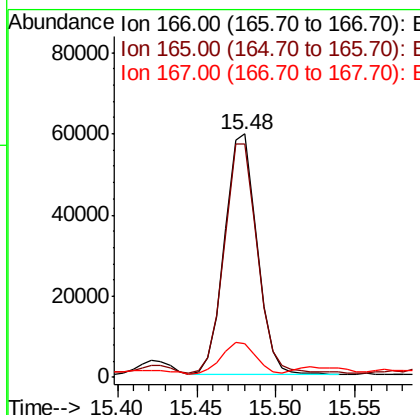
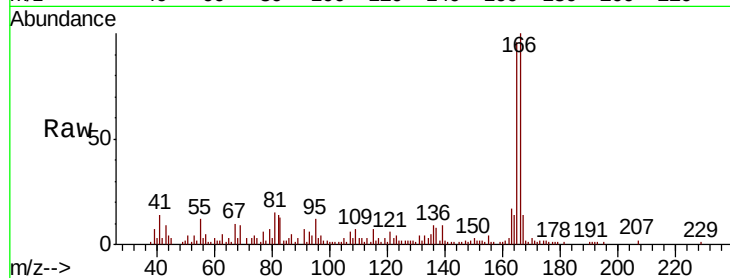
#59
Fluorene
Concen: 1.768 ng/ul
RT: 15.48 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Instrument :
BNA_M
ClientSampleId :
BFDG4

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.7	77.7	116.5
167	13.6	11.0	16.4

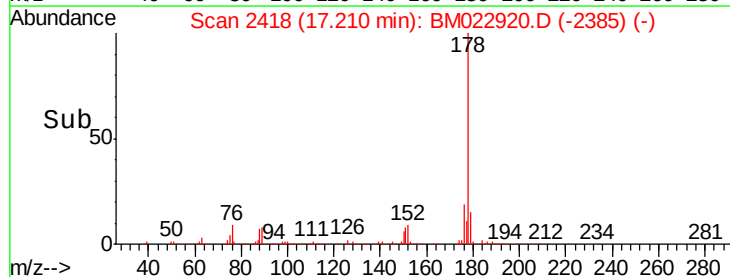
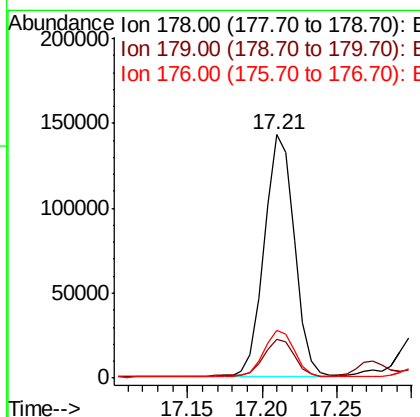
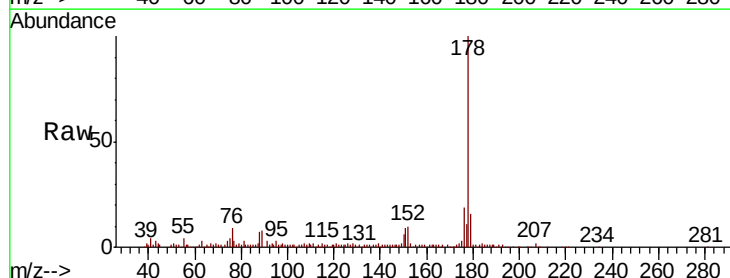
Manual Integrations
APPROVED

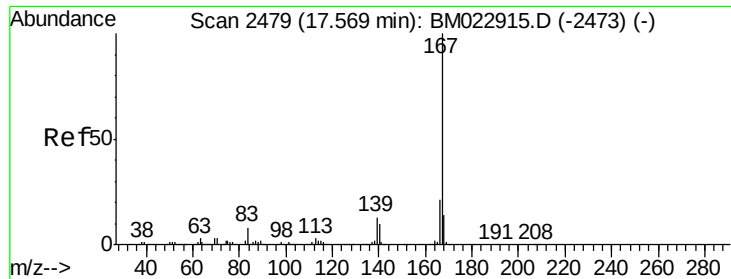
mohammad
10/4/2019 10:13:25 AM



#70
Phenanthrene
Concen: 2.769 ng/ul
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.4	18.6
176	19.4	15.3	22.9





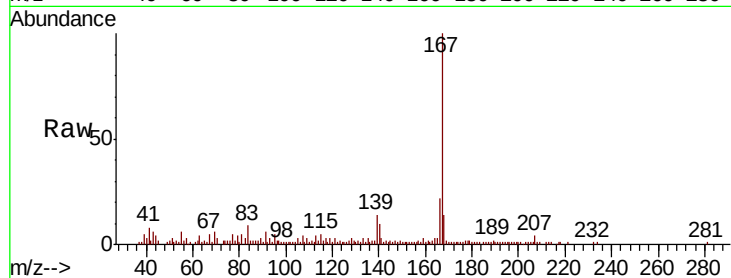
#75
 Carbazole
 Concen: 1.463 ng/ul
 RT: 17.57 min Scan# 2479
 Delta R.T. -0.00 min
 Lab File: BM022920.D
 Acq: 03 Oct 2019 15:00

Instrument :
 BNA_M
 ClientSampleId :
 BFDG4

Tot Ion:	167	Resp:	94858
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.1	25.7
139	14.1	9.9	14.9

Manual Integrations
 APPROVED

mohammad
 10/4/2019 10:13:25 AM



Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

