

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
 Data File : BM023738.D
 Acq On : 15 Nov 2019 04:42
 Operator : JU
 Sample : K5700-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BEGY8

Manual Integrations
 APPROVED

mohammad
 11/15/2019 5:59:36 PM

Quant Time: Nov 15 08:28:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 15 07:53:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	355940	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1320446	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.19	164	911251	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	1822526	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1832255	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	2196979	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	51733	5.99	ng/uL	0.00
5) Phenol-d5	6.72	99	230414	7.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	539584	28.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	620130	26.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	409860	15.83	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	444987	47.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	431099	43.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	753025	33.24	ng/ul	0.02
29) 4-Chloroaniline-d4	10.48	131	660567	26.56	ng/ul	0.04
44) Dimethylphthalate-d6	13.62	166	2432237	34.23	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	2804534	34.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	94904	7.82	ng/ul	0.00
58) Fluorene-d10	15.19	176	2105671	33.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	353802	33.56	ng/ul	0.00
71) Anthracene-d10	17.04	188	3181518	36.80	ng/ul	0.00
79) Pyrene-d10	19.34	212	3482621	36.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	4277973	37.00	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.75	94	40856	1.222	ng/ul#	50
24) 2,4-Dimethylphenol	9.55	107	65703m	2.602	ng/ul	
28) Naphthalene	10.35	128	63559518m	915.804	ng/ul	
34) 2-Methylnaphthalene	11.99	142	8090800	152.394	ng/ul	98
41) 1,1'-Biphenyl	13.02	154	9414518	133.926	ng/ul	98
45) Dimethylphthalate	13.66	163	204183	2.932	ng/ul	98
48) Acenaphthylene	13.90	152	972035	11.906	ng/ul#	90
50) Acenaphthene	14.26	153	17852773m	308.135	ng/ul	
54) Dibenzofuran	14.59	168	17516658m	204.236	ng/ul	
59) Fluorene	15.25	166	13306157	191.230	ng/ul	96
70) Phenanthrene	16.98	178	15597662	155.375	ng/ul	94
72) Anthracene	17.07	178	1333978	13.215	ng/ul	99
75) Carbazole	17.35	167	18664935m	221.818	ng/ul	
77) Fluoranthene	19.00	202	1779560	16.546	ng/ul	98
80) Pyrene	19.37	202	1007582	8.508	ng/ul	99

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

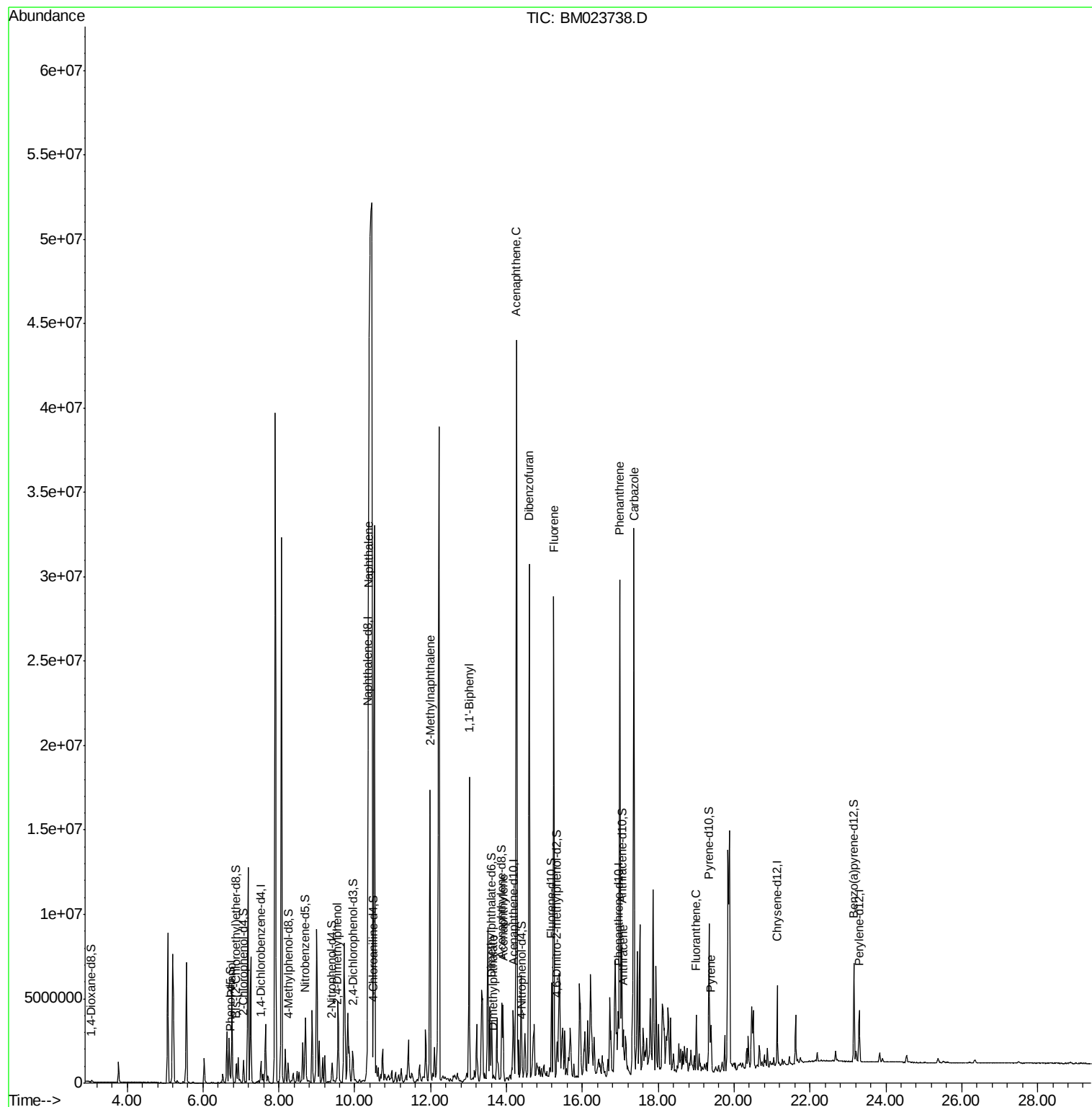
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023738.D
Acq On : 15 Nov 2019 04:42
Operator : JU
Sample : K5700-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

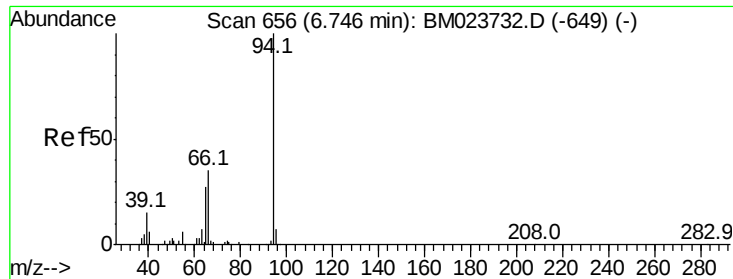
Instrument :
BNA_M
ClientSampleId :
BEGY8

Manual Integrations
APPROVED

mohammad
11/15/2019 5:59:36 PM

Quant Time: Nov 15 08:28:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 07:53:56 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.222 ng/ul

RT: 6.75 min Scan# 656

Delta R.T. -0.00 min

Lab File: BM023738.D

Acq: 15 Nov 2019 04:42

Instrument :

BNA_M

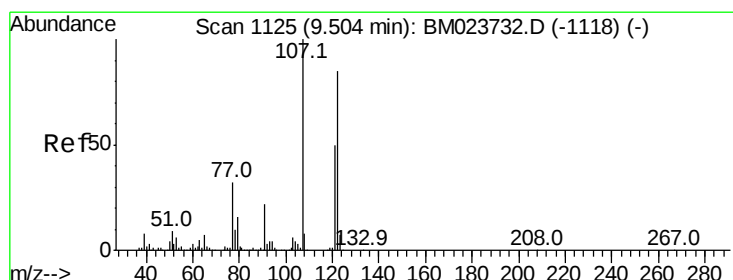
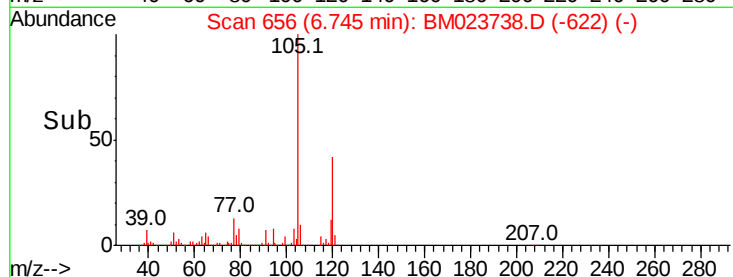
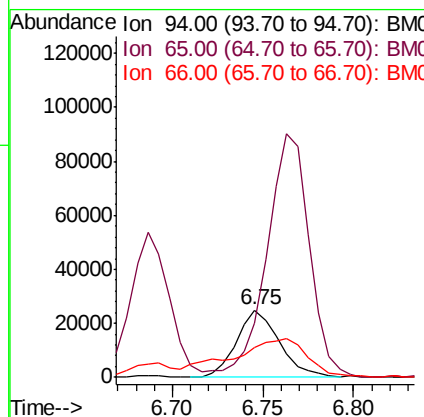
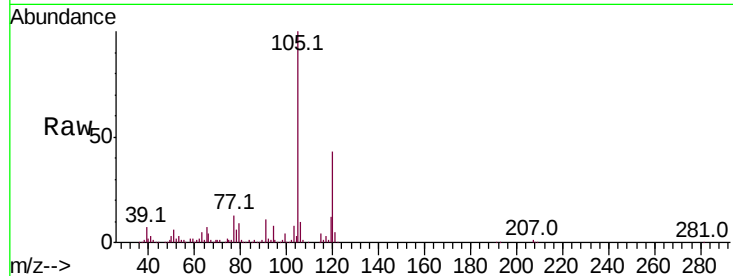
ClientSampled :

BEGY8

Tot Ion:	94	Resp:	40856
Ion Ratio	Lower	Upper	
94	100		
65	81.4	21.4	32.2#
66	45.0	30.7	46.1

Manual Integrations
APPROVED

mohammad
11/15/2019 5:59:36 PM



#24

2,4-Dimethylphenol

Concen: 2.602 ng/ul m

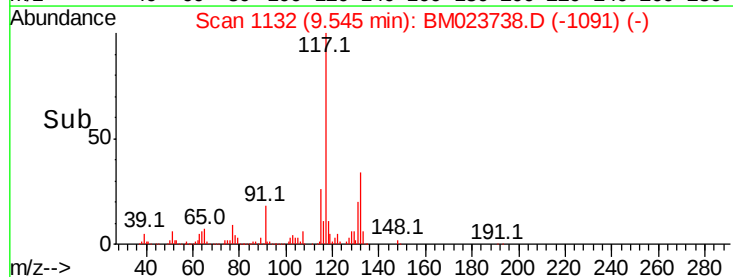
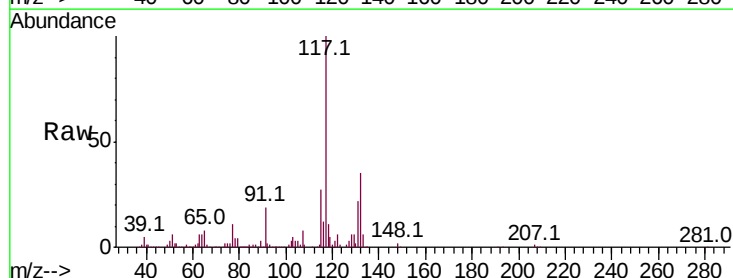
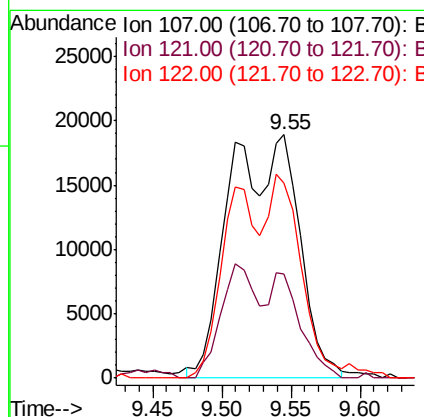
RT: 9.55 min Scan# 1132

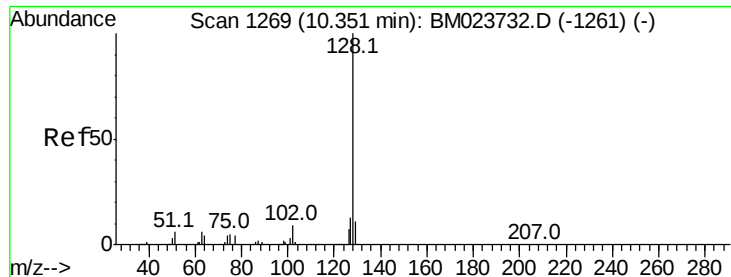
Delta R.T. 0.04 min

Lab File: BM023738.D

Acq: 15 Nov 2019 04:42

Tgt Ion:	107	Resp:	65703
Ion Ratio	Lower	Upper	
107	100		
121	42.8	38.6	57.8
122	79.8	65.9	98.9





#28

Naphthalene

Concen: 915.804 ng/ul m

RT: 10.35 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BM023738.D

Acq: 15 Nov 2019 04:42

Instrument :

BNA_M

ClientSampleId :

BEGY8

Tot Ion:128 Resp:63559518

Ion Ratio Lower Upper

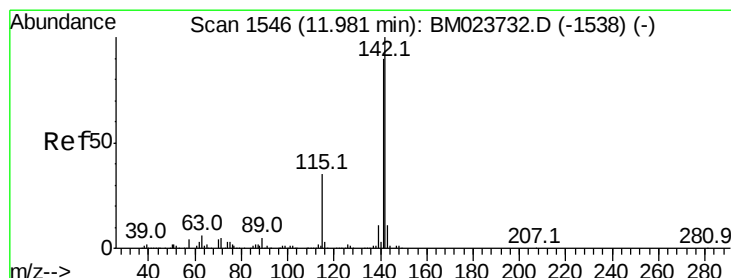
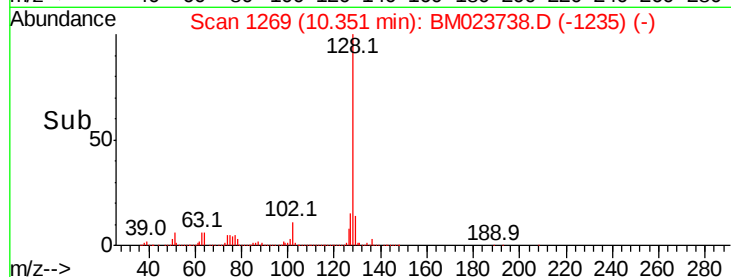
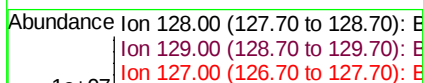
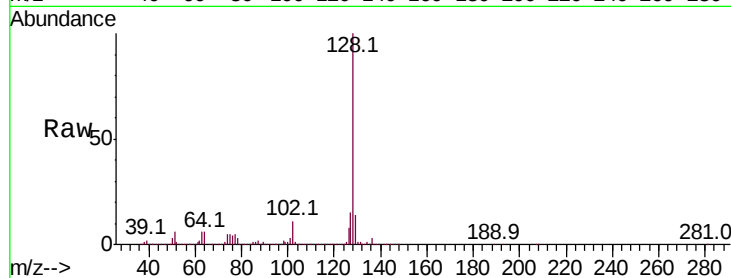
128 100

129 13.8 8.7 13.1#

127 15.5 10.6 16.0

Manual Integrations
APPROVED

mohammad
11/15/2019 5:59:36 PM



#34

2-Methylnaphthalene

Concen: 152.394 ng/ul

RT: 11.99 min Scan# 1547

Delta R.T. 0.01 min

Lab File: BM023738.D

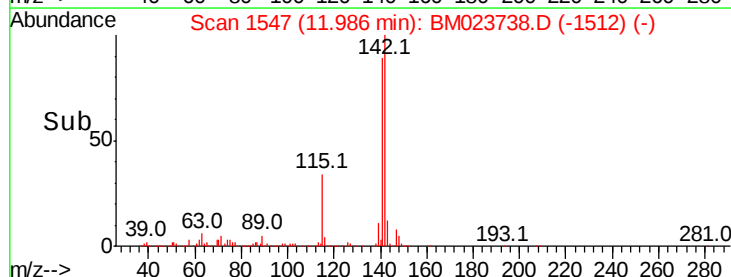
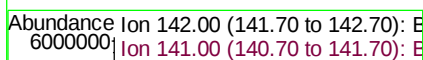
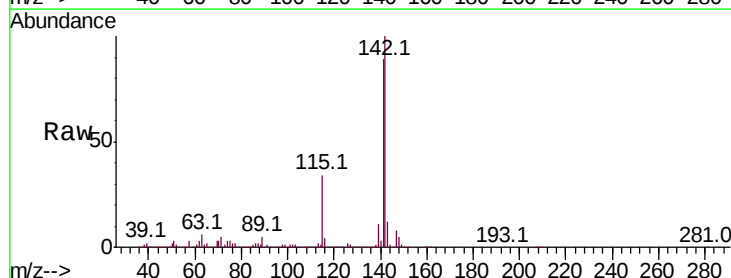
Acq: 15 Nov 2019 04:42

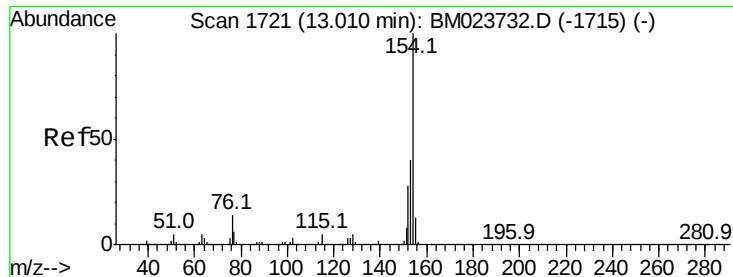
Tgt Ion:142 Resp: 8090800

Ion Ratio Lower Upper

142 100

141 88.7 69.8 104.8





#41

1,1'-Biphenyl

Concen: 133.926 ng/ul

RT: 13.02 min Scan# 1722

Delta R.T. 0.01 min

Lab File: BM023738.D

Acq: 15 Nov 2019 04:42

Instrument :

BNA_M

ClientSampleId :

BEGY8

Tot Ion:154 Resp: 9414518

Ion Ratio Lower Upper

154 100

153 41.9 32.3 48.5

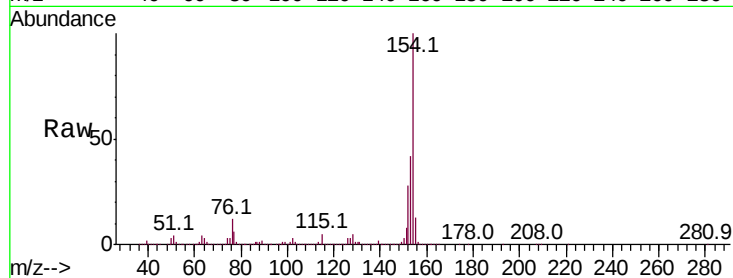
76 12.4 10.6 15.8

Manual Integrations

APPROVED

mohammad

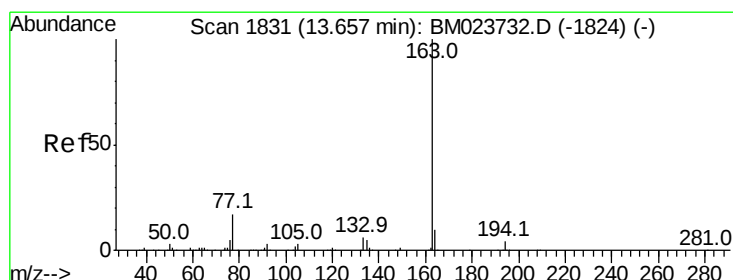
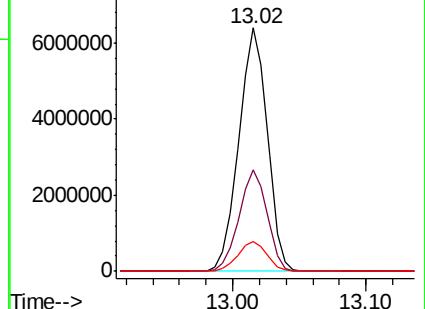
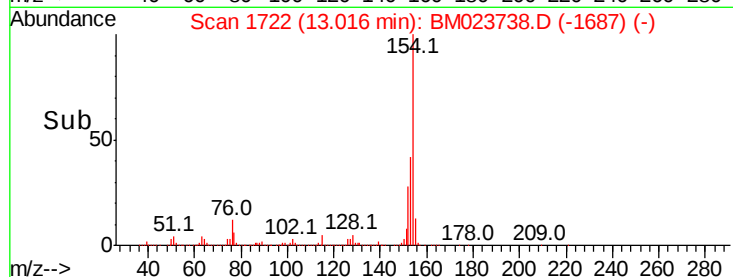
11/15/2019 5:59:36 PM



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): BM



#45

Dimethylphthalate

Concen: 2.932 ng/ul

RT: 13.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BM023738.D

Acq: 15 Nov 2019 04:42

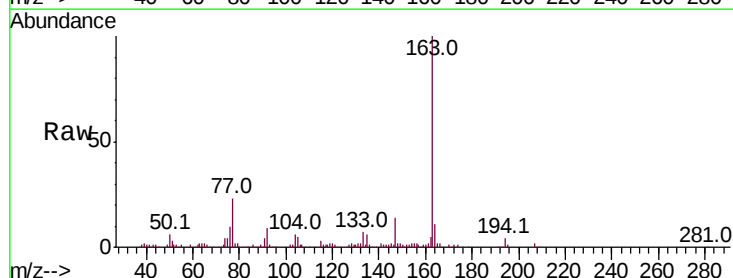
Tgt Ion:163 Resp: 204183

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

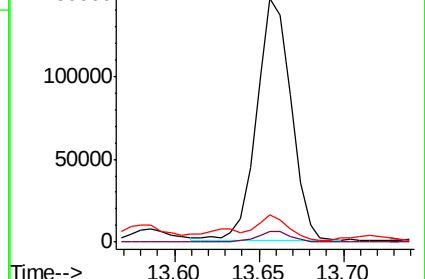
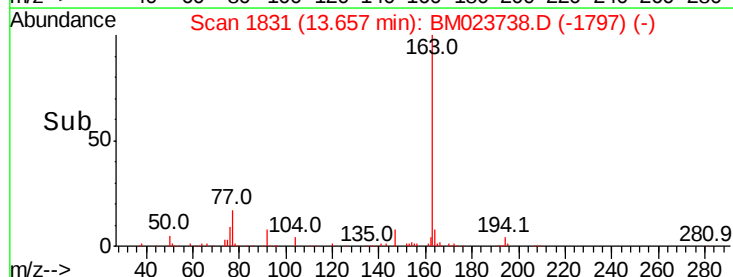
164 11.1 8.0 12.0

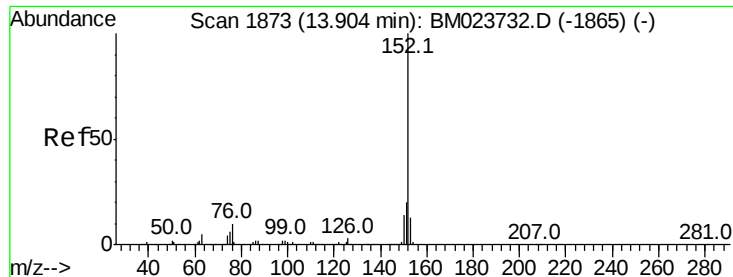


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#48

Acenaphthylene

Concen: 11.906 ng/ul

RT: 13.90 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BM023738.D

Acq: 15 Nov 2019 04:42

Instrument :

BNA_M

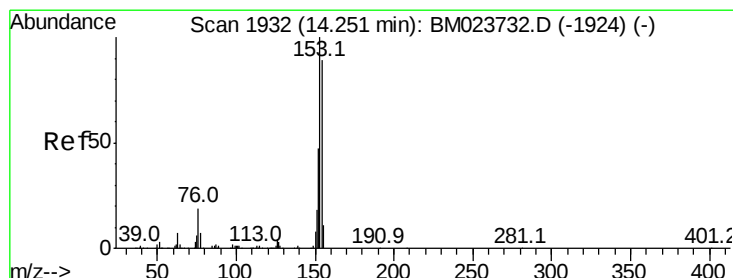
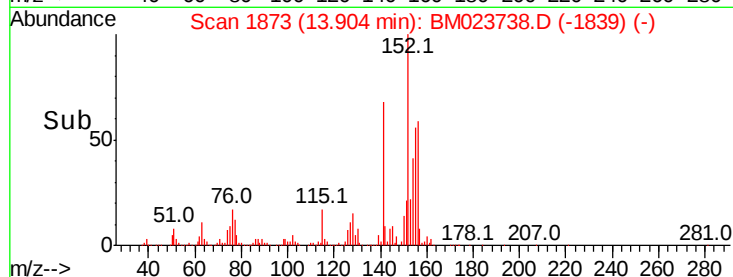
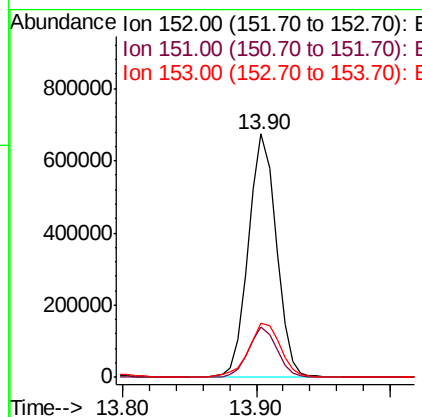
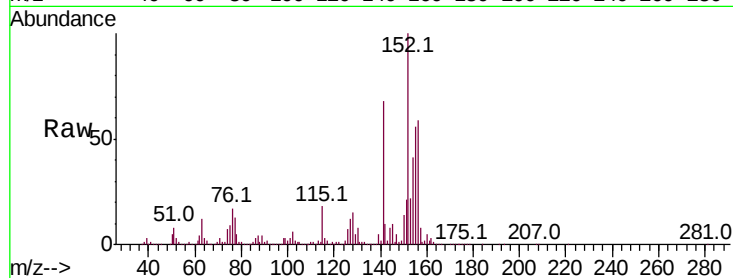
ClientSampleId :

BEGY8

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.1	24.1
153	22.3	10.4	15.6

Manual Integrations
APPROVED

mohammad
11/15/2019 5:59:36 PM



#50

Acenaphthene

Concen: 308.135 ng/ul m

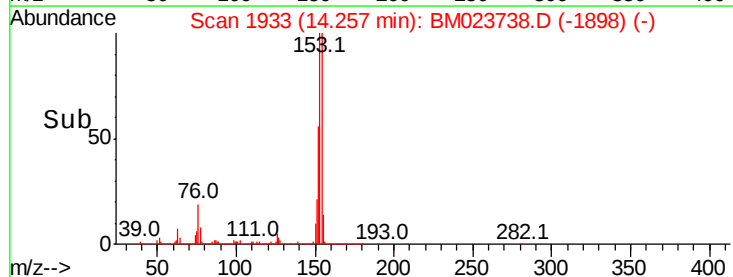
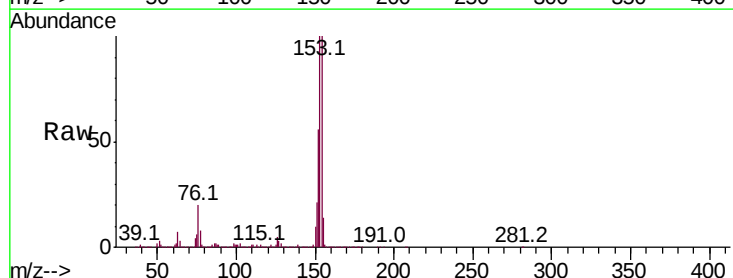
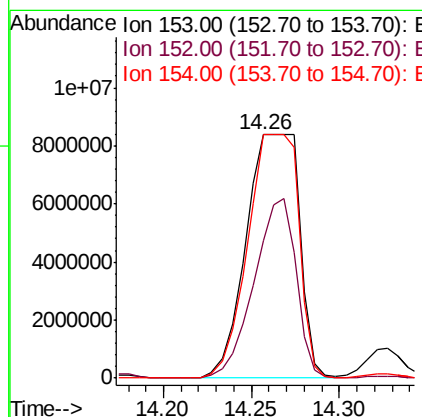
RT: 14.26 min Scan# 1933

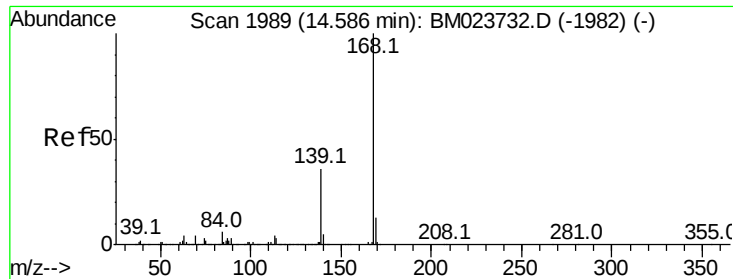
Delta R.T. 0.01 min

Lab File: BM023738.D

Acq: 15 Nov 2019 04:42

Tgt Ion	Ratio	Lower	Upper
153	100		
152	56.2	37.7	56.5
154	100.0	70.6	106.0





#54

Dibenzofuran

Concen: 204.236 ng/ul

RT: 14.59 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BM023738.D

Acq: 15 Nov 2019 04:42

Instrument :

BNA_M

ClientSampled :

BEGY8

Tot Ion:168 Resp:17516658

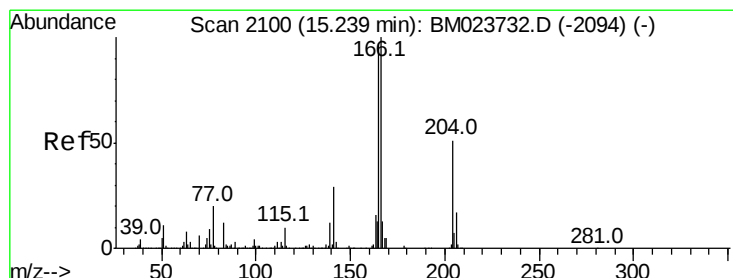
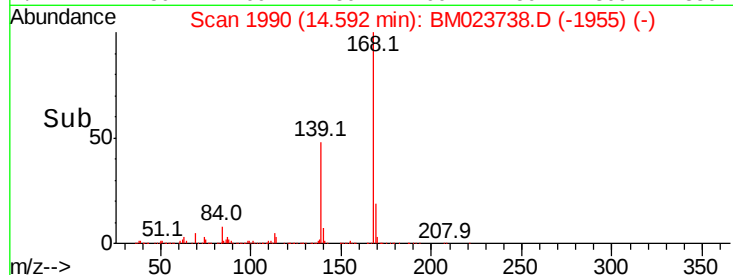
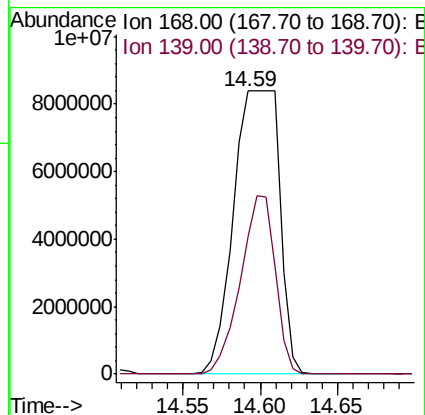
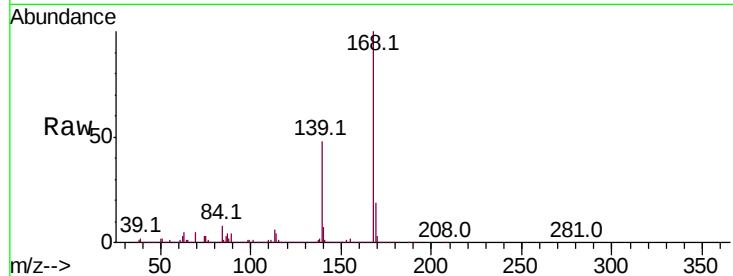
Ion Ratio Lower Upper

168 100

139 48.4 29.3 43.9#

Manual Integrations
APPROVED

mohammad
11/15/2019 5:59:36 PM



#59

Fluorene

Concen: 191.230 ng/ul

RT: 15.25 min Scan# 2102

Delta R.T. 0.01 min

Lab File: BM023738.D

Acq: 15 Nov 2019 04:42

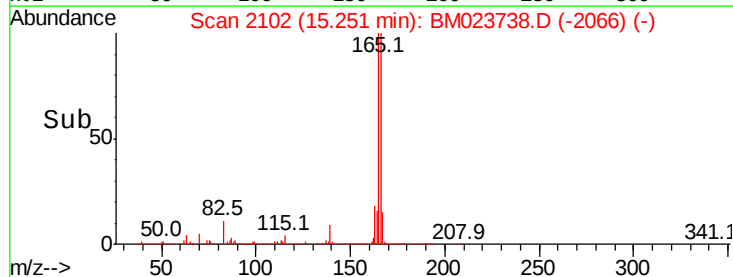
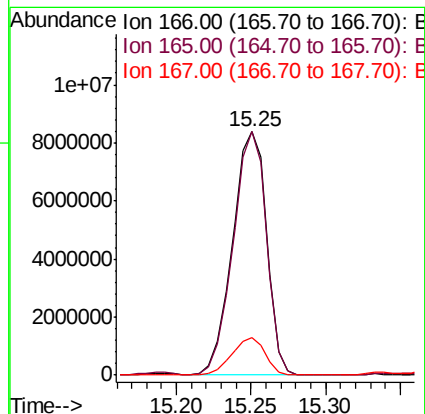
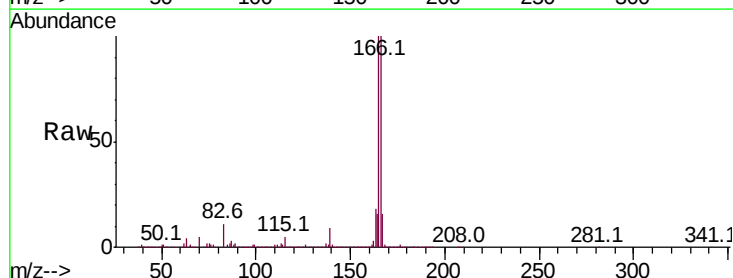
Tgt Ion:166 Resp:13306157

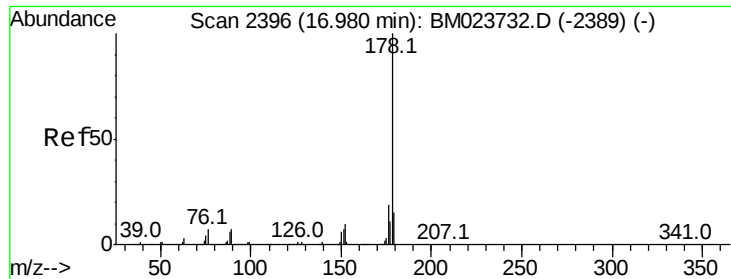
Ion Ratio Lower Upper

166 100

165 100.0 77.2 115.8

167 15.6 10.9 16.3





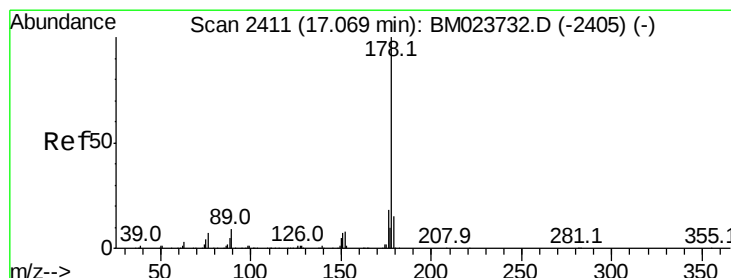
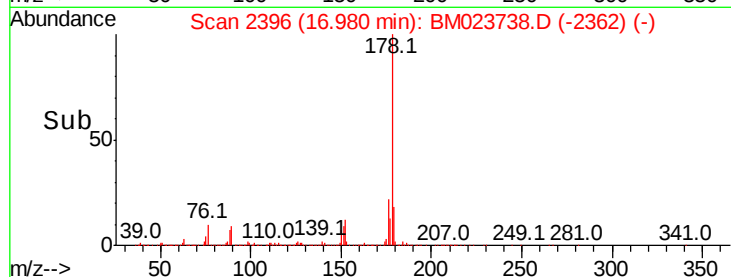
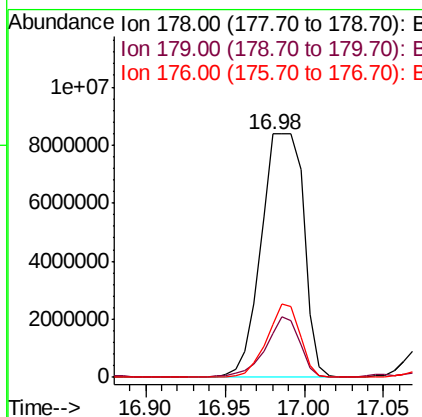
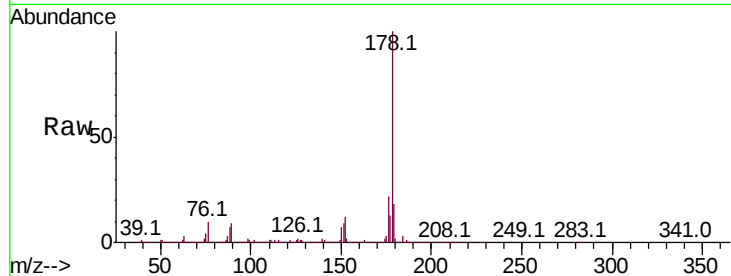
#70
Phenanthrene
Concen: 155.375 ng/ul
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BM023738.D
Acq: 15 Nov 2019 04:42

Instrument :
BNA_M
ClientSampleId :
BEGY8

Tot Ion:178 Resp:15597662
Ion Ratio Lower Upper
178 100
179 18.0 12.3 18.5
176 21.6 15.0 22.6

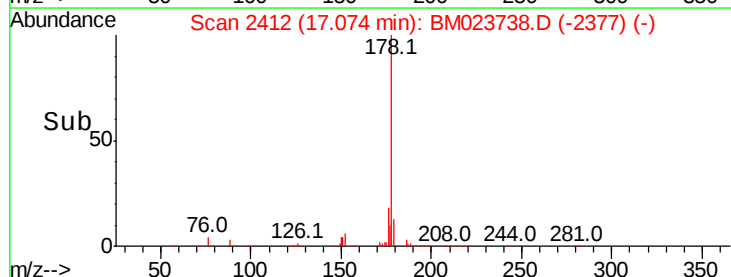
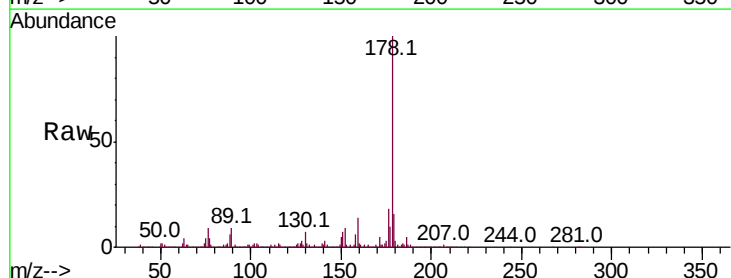
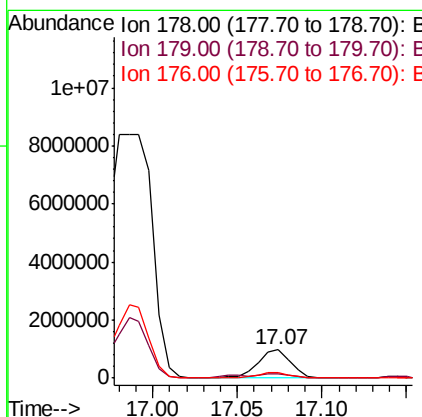
Manual Integrations
APPROVED

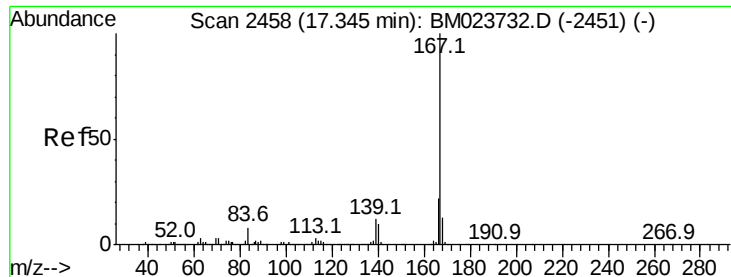
mohammad
11/15/2019 5:59:36 PM



#72
Anthracene
Concen: 13.215 ng/ul
RT: 17.07 min Scan# 2412
Delta R.T. 0.01 min
Lab File: BM023738.D
Acq: 15 Nov 2019 04:42

Tgt Ion:178 Resp: 1333978
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 17.8 14.7 22.1





#75

Carbazole

Concen: 221.818 ng/ul m

RT: 17.35 min Scan# 2459

Delta R.T. 0.01 min

Lab File: BM023738.D

Acq: 15 Nov 2019 04:42

Instrument :

BNA_M

ClientSampleId :

BEGY8

Tot Ion:167 Resp:18664935

Ion Ratio Lower Upper

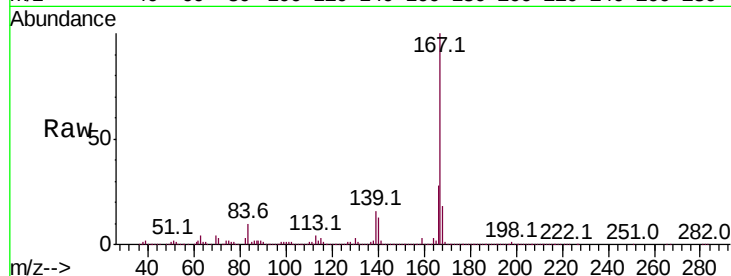
167 100

166 28.4 17.1 25.7#

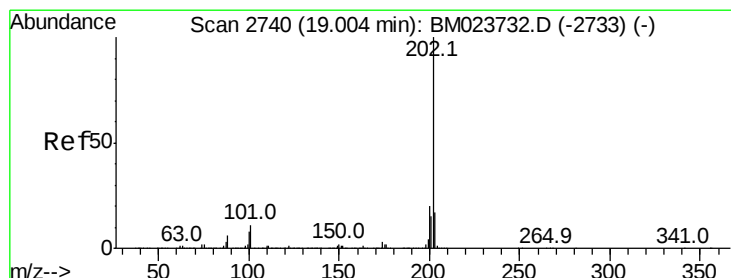
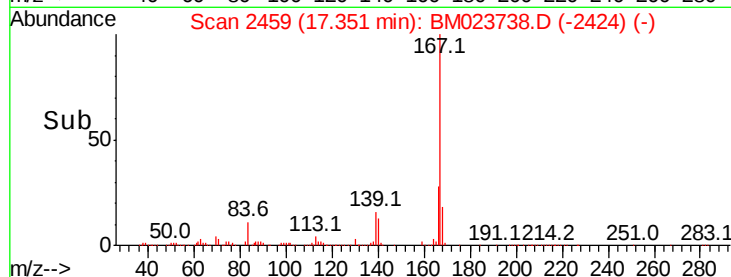
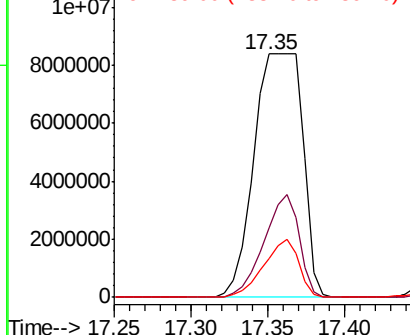
139 16.1 9.8 14.6#

Manual Integrations
APPROVED

mohammad
11/15/2019 5:59:36 PM



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



#77

Fluoranthene

Concen: 16.546 ng/ul

RT: 19.00 min Scan# 2740

Delta R.T. -0.00 min

Lab File: BM023738.D

Acq: 15 Nov 2019 04:42

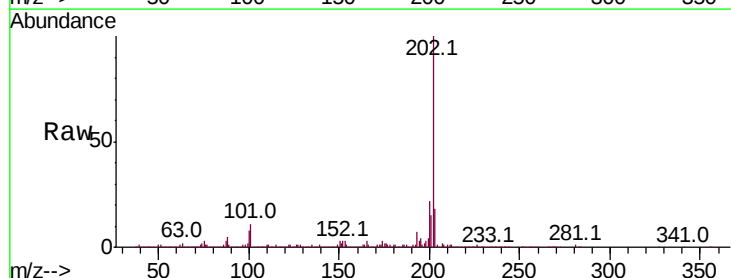
Tgt Ion:202 Resp: 1779560

Ion Ratio Lower Upper

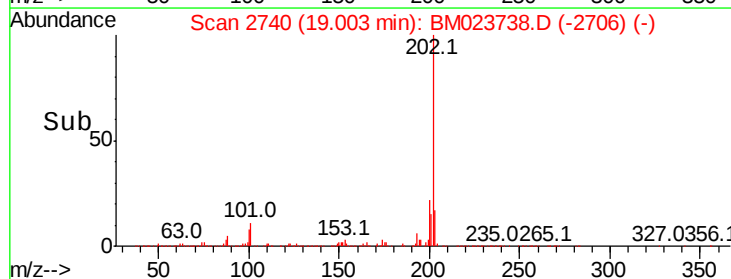
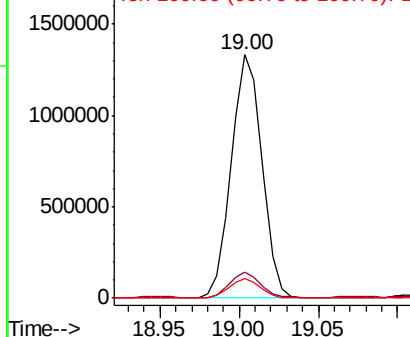
202 100

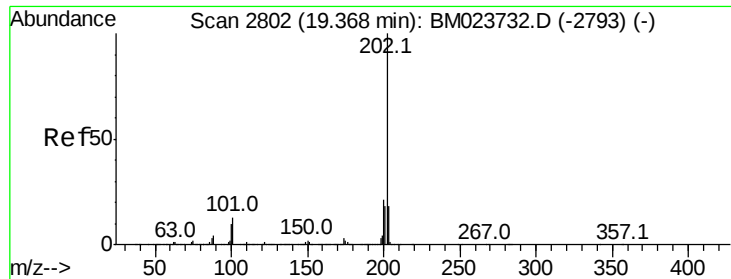
101 10.8 7.7 11.5

100 8.0 6.0 9.0



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): E





#80
 Pvrene
 Concen: 8.508 ng/ul
 RT: 19.37 min Scan# 2802
 Delta R.T. -0.00 min
 Lab File: BM023738.D
 Acq: 15 Nov 2019 04:42

Instrument :
 BNA_M
 ClientSampleId :
 BEGY8

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1007582		
101	12.6		9.8	14.6
100	9.8		8.1	12.1

Manual Integrations
 APPROVED

mohammad
 11/15/2019 5:59:36 PM

