

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
 Data File : BM023750.D
 Acq On : 15 Nov 2019 12:00
 Operator : JU
 Sample : K5700-16DL 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEGY8DL

Manual Integrations
 APPROVED

mohammad
 11/15/2019 5:59:49 PM

Quant Time: Nov 15 15:21:22 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	353787	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1430307	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	902960	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1943271	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2029217	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2369107	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.72	99	16910	0.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	48212	2.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	48017	2.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	31606	1.23	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	34726	3.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	27697	2.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	57730	2.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	39941	1.48	ng/ul	0.01
44) Dimethylphthalate-d6	13.60	166	209365	2.97	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	217215	2.70	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.18	176	186296	3.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	16518	1.47	ng/ul	0.00
71) Anthracene-d10	17.03	188	293613	3.19	ng/ul	0.00
79) Pyrene-d10	19.33	212	328880	3.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	378012	3.03	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.35	128	22774804m	302.948	ng/ul
34) 2-Methylnaphthalene	11.97	142	726273	12.629	ng/ul 97
41) 1,1'-Biphenyl	13.01	154	863805	12.401	ng/ul 100
50) Acenaphthene	14.24	153	2194275	38.220	ng/ul 99
54) Dibenzofuran	14.59	168	2272785	26.743	ng/ul 99
59) Fluorene	15.24	166	1297555	18.819	ng/ul 99
70) Phenanthrene	16.97	178	1888964	17.648	ng/ul 100
72) Anthracene	17.06	178	119188	1.107	ng/ul 99
75) Carbazole	17.34	167	2600969	28.990	ng/ul 100
77) Fluoranthene	19.00	202	162482	1.417	ng/ul# 94

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

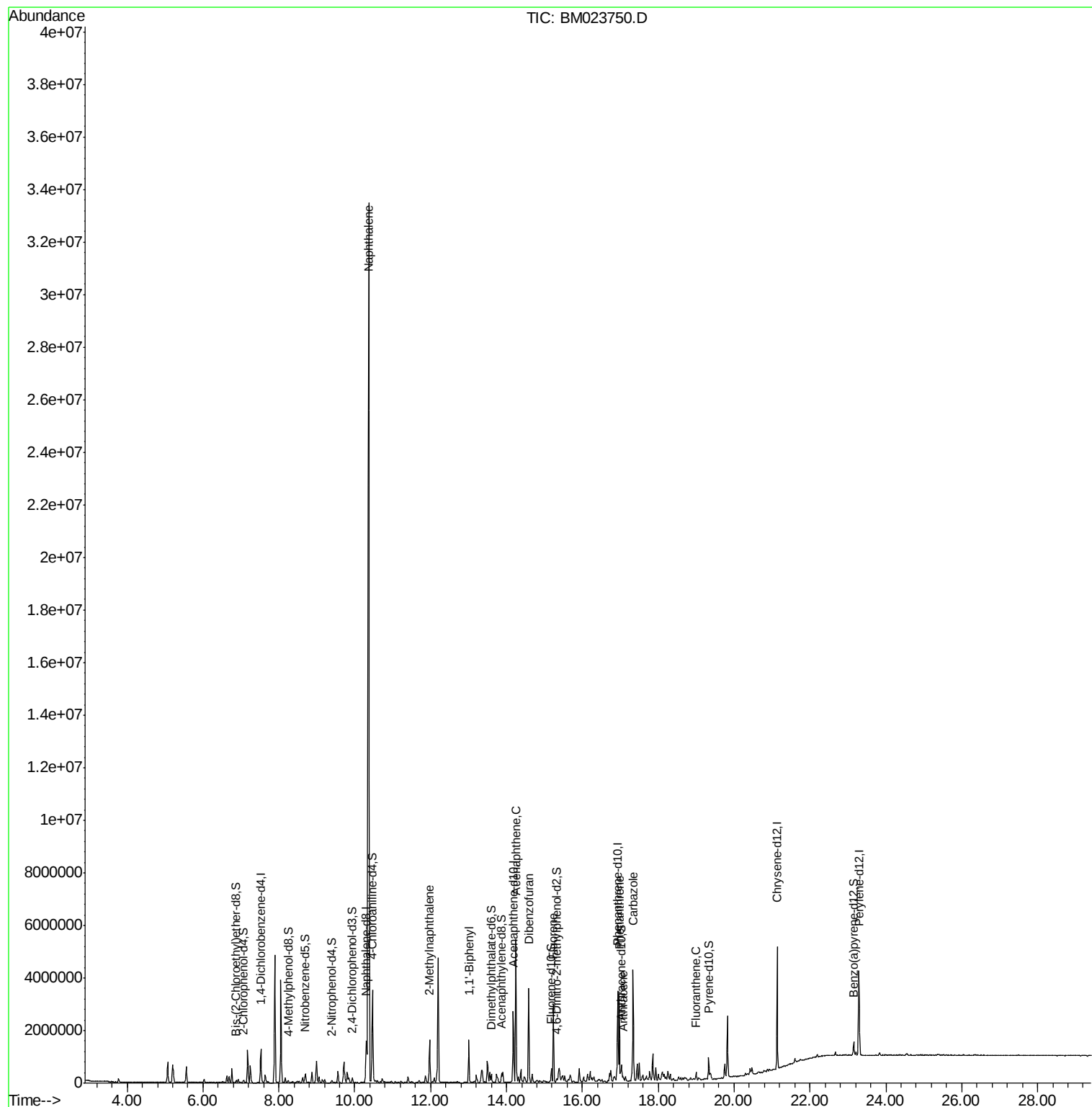
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023750.D
Acq On : 15 Nov 2019 12:00
Operator : JU
Sample : K5700-16DL 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

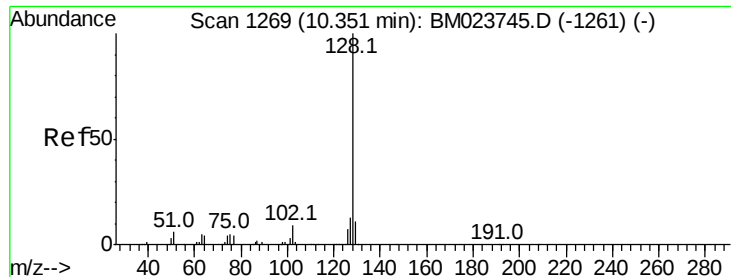
Instrument :
BNA_M
ClientSampleId :
BEGY8DL

Manual Integrations
APPROVED

mohammad
11/15/2019 5:59:49 PM

Quant Time: Nov 15 15:21:22 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





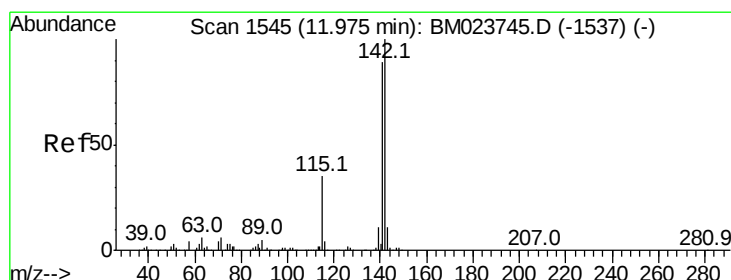
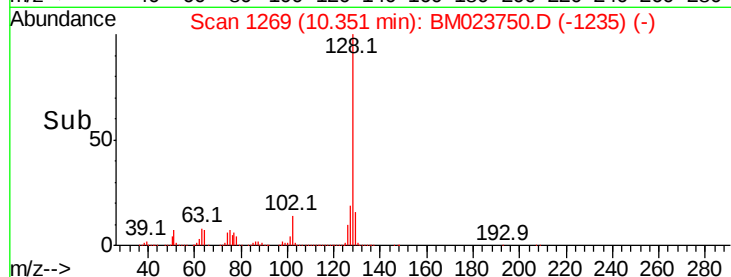
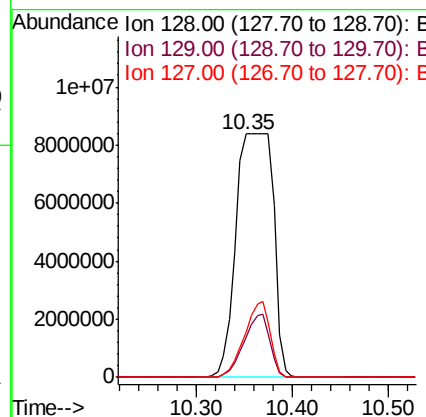
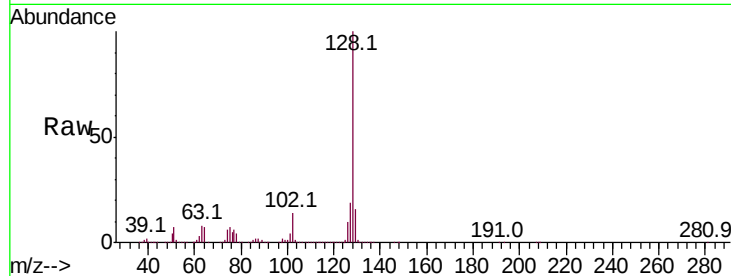
#28
Naphthalene
Concen: 302.948 ng/ul m
RT: 10.35 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BM023750.D
Acq: 15 Nov 2019 12:00

Instrument :
BNA_M
ClientSampleId :
BEGY8DL

Tot Ion:128 Resp:22774804
Ion Ratio Lower Upper
128 100
129 16.2 8.7 13.1#
127 18.7 10.6 16.0#

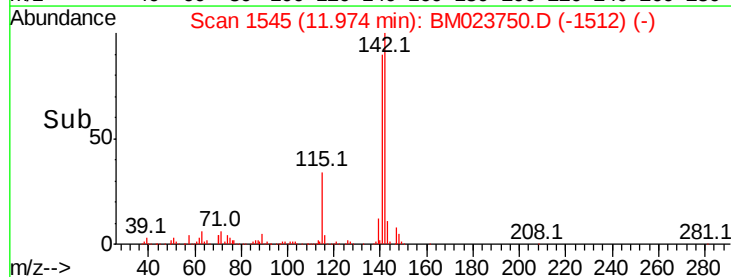
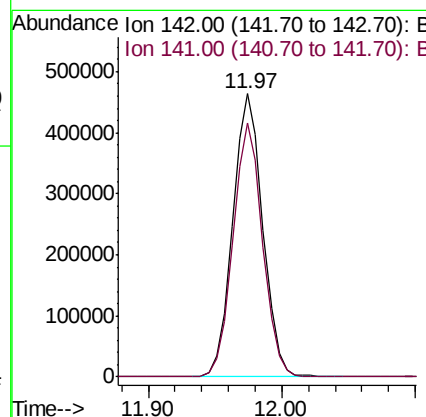
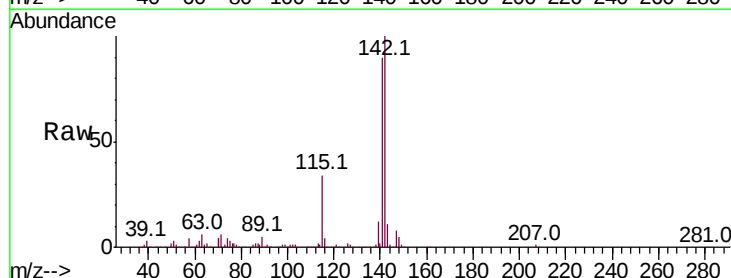
Manual Integrations
APPROVED

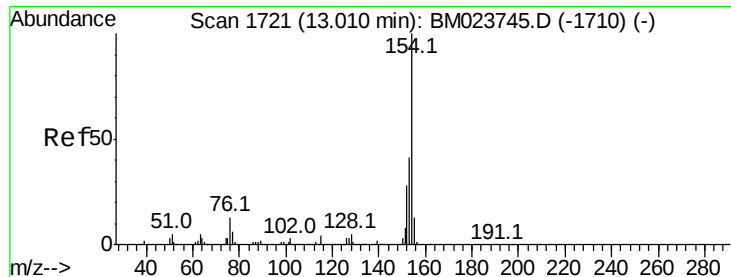
mohammad
11/15/2019 5:59:49 PM



#34
2-Methylnaphthalene
Concen: 12.629 ng/ul
RT: 11.97 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BM023750.D
Acq: 15 Nov 2019 12:00

Tgt Ion:142 Resp: 726273
Ion Ratio Lower Upper
142 100
141 89.7 69.8 104.8





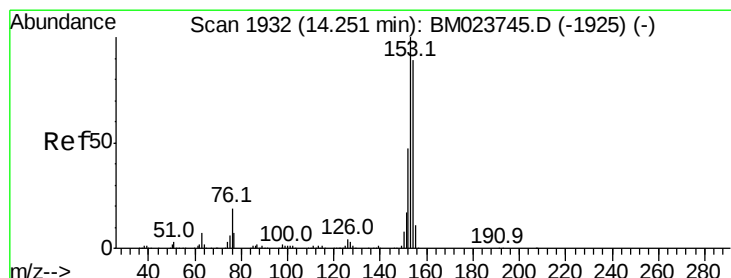
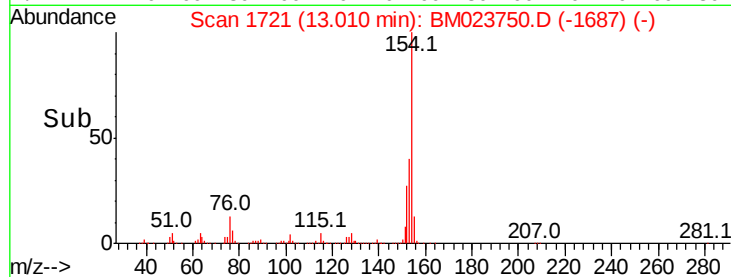
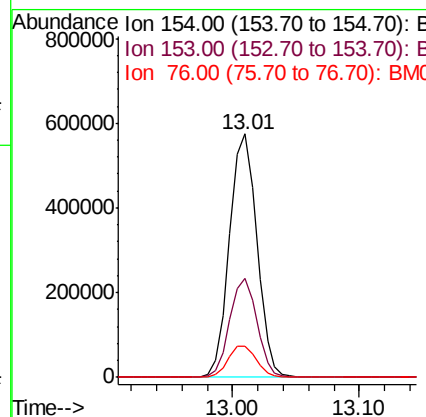
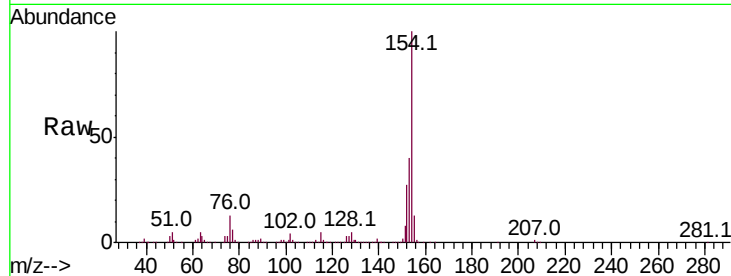
#41
 1,1'-Biphenyl
 Concen: 12.401 ng/ul
 RT: 13.01 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BM023750.D
 Acq: 15 Nov 2019 12:00

Instrument :
 BNA_M
 ClientSampleId :
 BEGY8DL

Tot Ion:	154	Resp:	863805
Ion Ratio	Lower	Upper	
154	100		
153	40.5	32.3	48.5
76	12.9	10.6	15.8

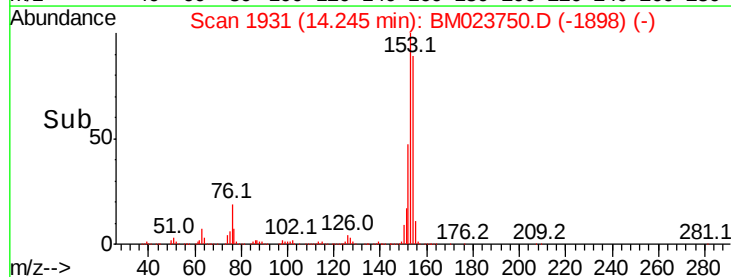
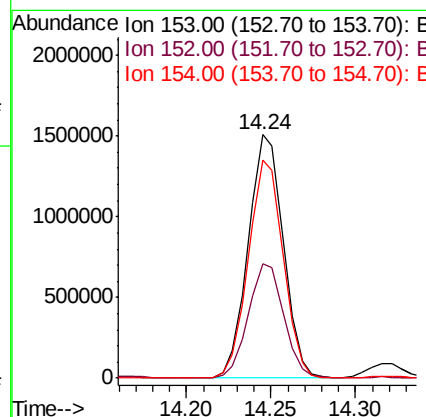
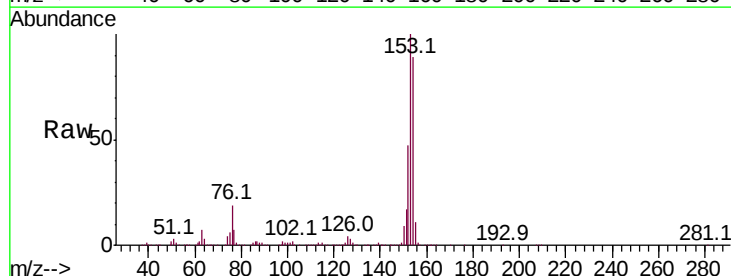
Manual Integrations
 APPROVED

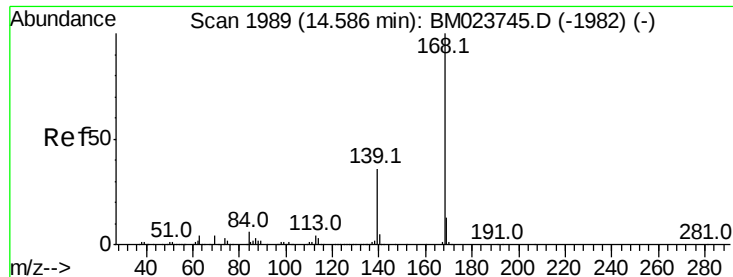
mohammad
 11/15/2019 5:59:49 PM



#50
 Acenaphthene
 Concen: 38.220 ng/ul
 RT: 14.24 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BM023750.D
 Acq: 15 Nov 2019 12:00

Tgt Ion:	153	Resp:	2194275
Ion Ratio	Lower	Upper	
153	100		
152	46.8	37.7	56.5
154	89.3	70.6	106.0





#54

Dibenzofuran

Concen: 26.743 ng/ul

RT: 14.59 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BM023750.D

Acq: 15 Nov 2019 12:00

Instrument :

BNA_M

ClientSampleId :

BEGY8DL

Tot Ion:168 Resp: 2272785

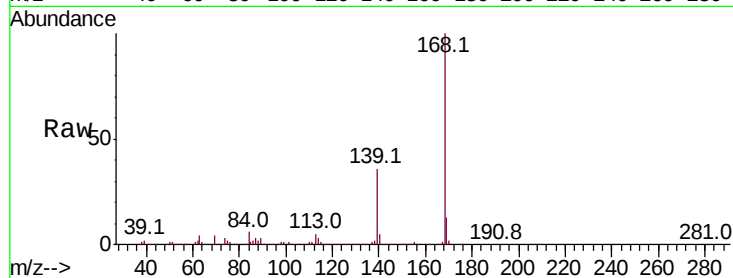
Ion Ratio Lower Upper

168 100

139 35.9 29.3 43.9

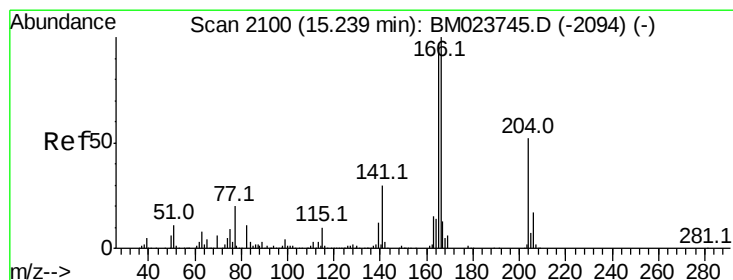
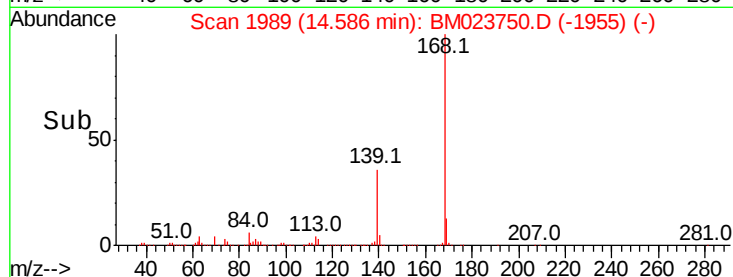
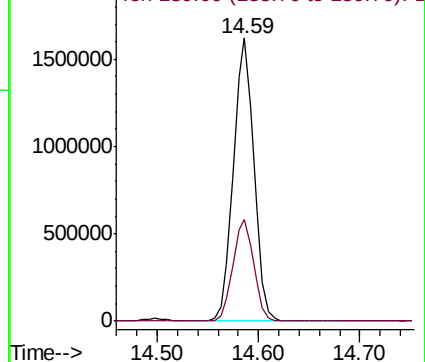
Manual Integrations
APPROVED

mohammad
11/15/2019 5:59:49 PM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 18.819 ng/ul

RT: 15.24 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BM023750.D

Acq: 15 Nov 2019 12:00

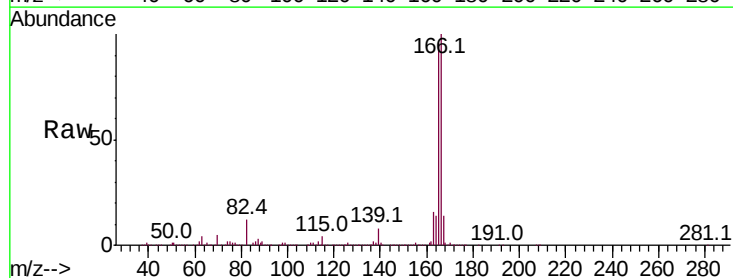
Tgt Ion:166 Resp: 1297555

Ion Ratio Lower Upper

166 100

165 95.9 77.2 115.8

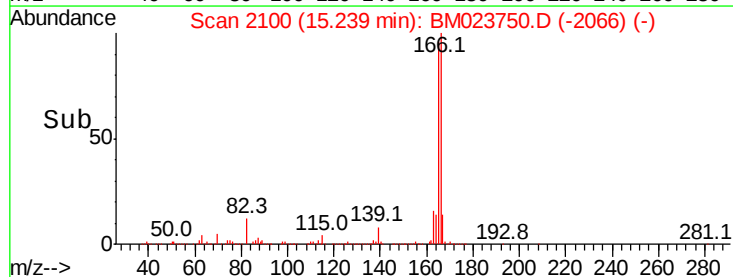
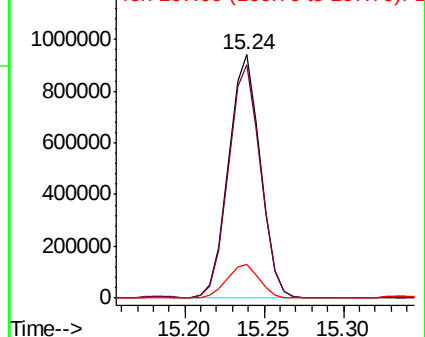
167 13.8 10.9 16.3

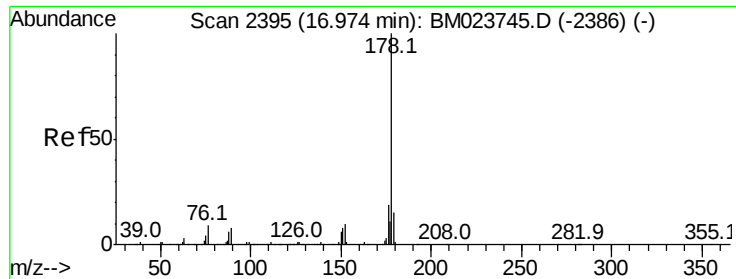


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





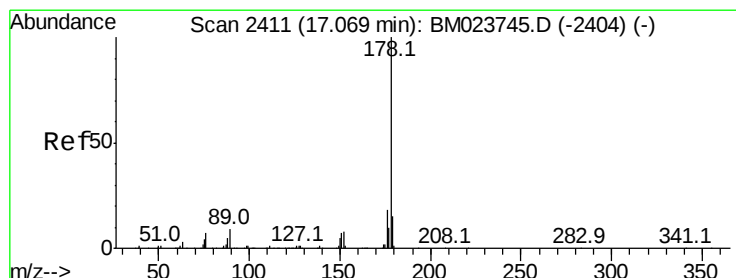
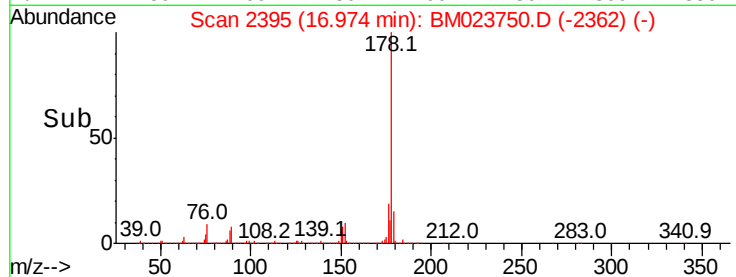
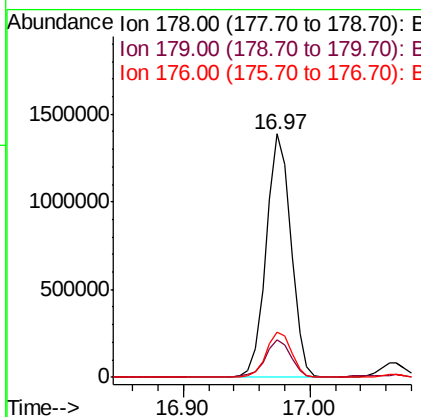
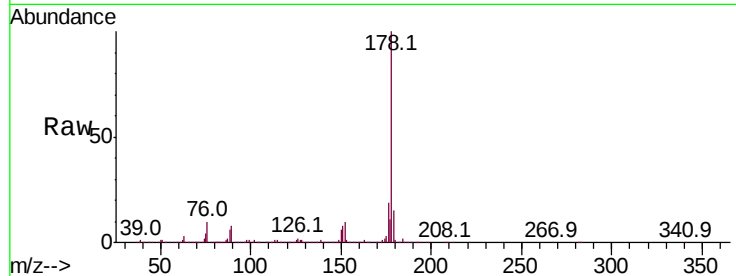
#70
Phenanthrene
Concen: 17.648 ng/ul
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM023750.D
Acq: 15 Nov 2019 12:00

Instrument :
BNA_M
ClientSampleID :
BEGY8DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.7	15.0	22.6

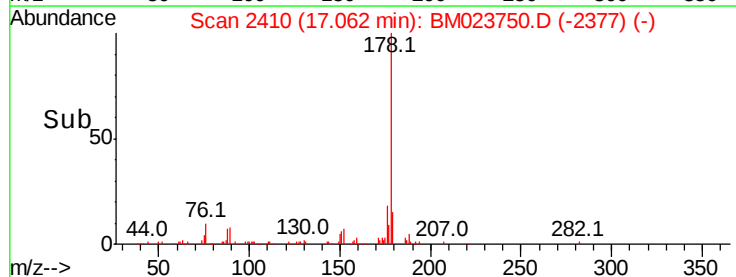
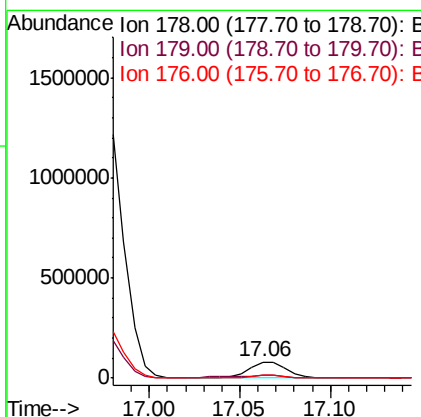
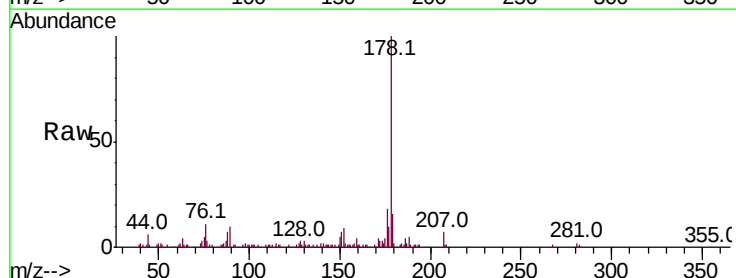
Manual Integrations
APPROVED

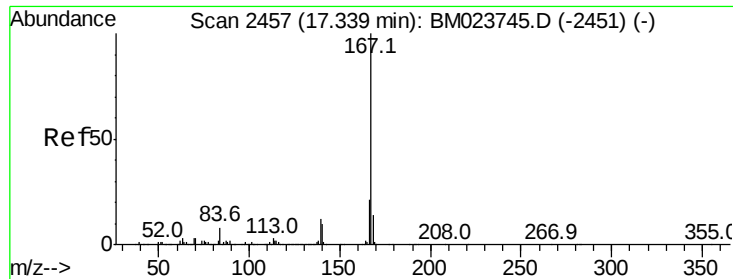
mohammad
11/15/2019 5:59:49 PM



#72
Anthracene
Concen: 1.107 ng/ul
RT: 17.06 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM023750.D
Acq: 15 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	17.7	14.7	22.1





#75

Carbazole

Concen: 28.990 ng/ul

RT: 17.34 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BM023750.D

Acq: 15 Nov 2019 12:00

Instrument :

BNA_M

ClientSampleId :

BEGY8DL

Tot Ion:167 Resp: 2600969

Ion Ratio Lower Upper

167 100

166 21.2 17.1 25.7

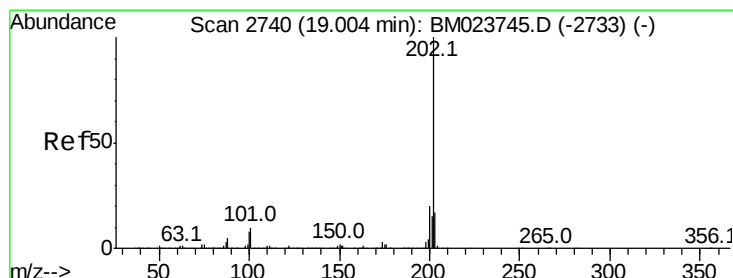
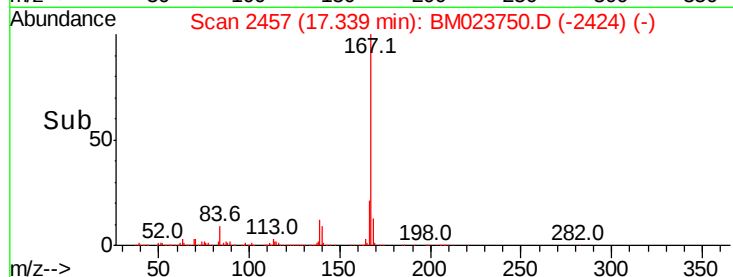
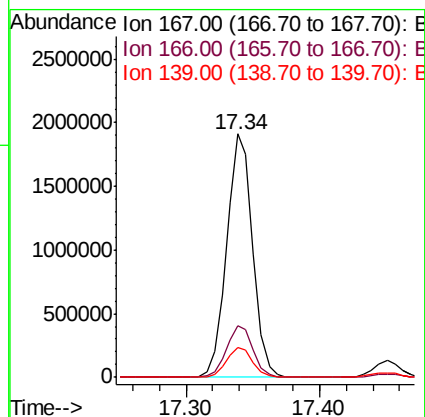
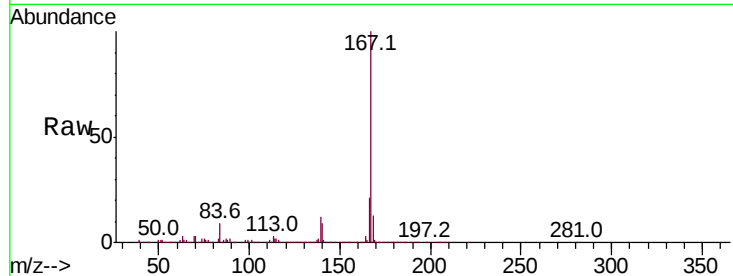
139 12.3 9.8 14.6

Manual Integrations

APPROVED

mohammad

11/15/2019 5:59:49 PM



#77

Fluoranthene

Concen: 1.417 ng/ul

RT: 19.00 min Scan# 2739

Delta R.T. -0.01 min

Lab File: BM023750.D

Acq: 15 Nov 2019 12:00

Tgt Ion:202 Resp: 162482

Ion Ratio Lower Upper

202 100

101 12.6 7.7 11.5#

100 8.7 6.0 9.0

