

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
 Data File : BM023751.D
 Acq On : 15 Nov 2019 12:36
 Operator : JU
 Sample : K5700-08DL2 50X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEGW9DL2

Manual Integrations
 APPROVED

mohammad
 11/15/2019 5:59:52 PM

Quant Time: Nov 15 15:29:29 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	436167	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1786715	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	1121456	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	2425305	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2404095	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2856779	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	6.73	99	2513	0.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	9433	0.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	8895	0.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	4558	0.14	ng/ul	0.01
19) Nitrobenzene-d5	8.69	128	5928	0.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	4430	0.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	9828	0.32	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.60	166	43522	0.50	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	41612	0.42	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.18	176	38525	0.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	2221	0.16	ng/ul	0.00
71) Anthracene-d10	17.03	188	68965m	0.60	ng/ul	0.00
79) Pyrene-d10	19.33	212	65909	0.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	71444	0.48	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.35	128	2085166	22.204	ng/ul	99
41) 1,1'-Biphenyl	13.01	154	127711	1.476	ng/ul	99
50) Acenaphthene	14.25	153	261027	3.661	ng/ul	98
54) Dibenzofuran	14.59	168	340240	3.223	ng/ul	99
59) Fluorene	15.24	166	134576	1.572	ng/ul	97
70) Phenanthrene	16.97	178	172501	1.291	ng/ul	99
75) Carbazole	17.34	167	347635	3.105	ng/ul	98

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

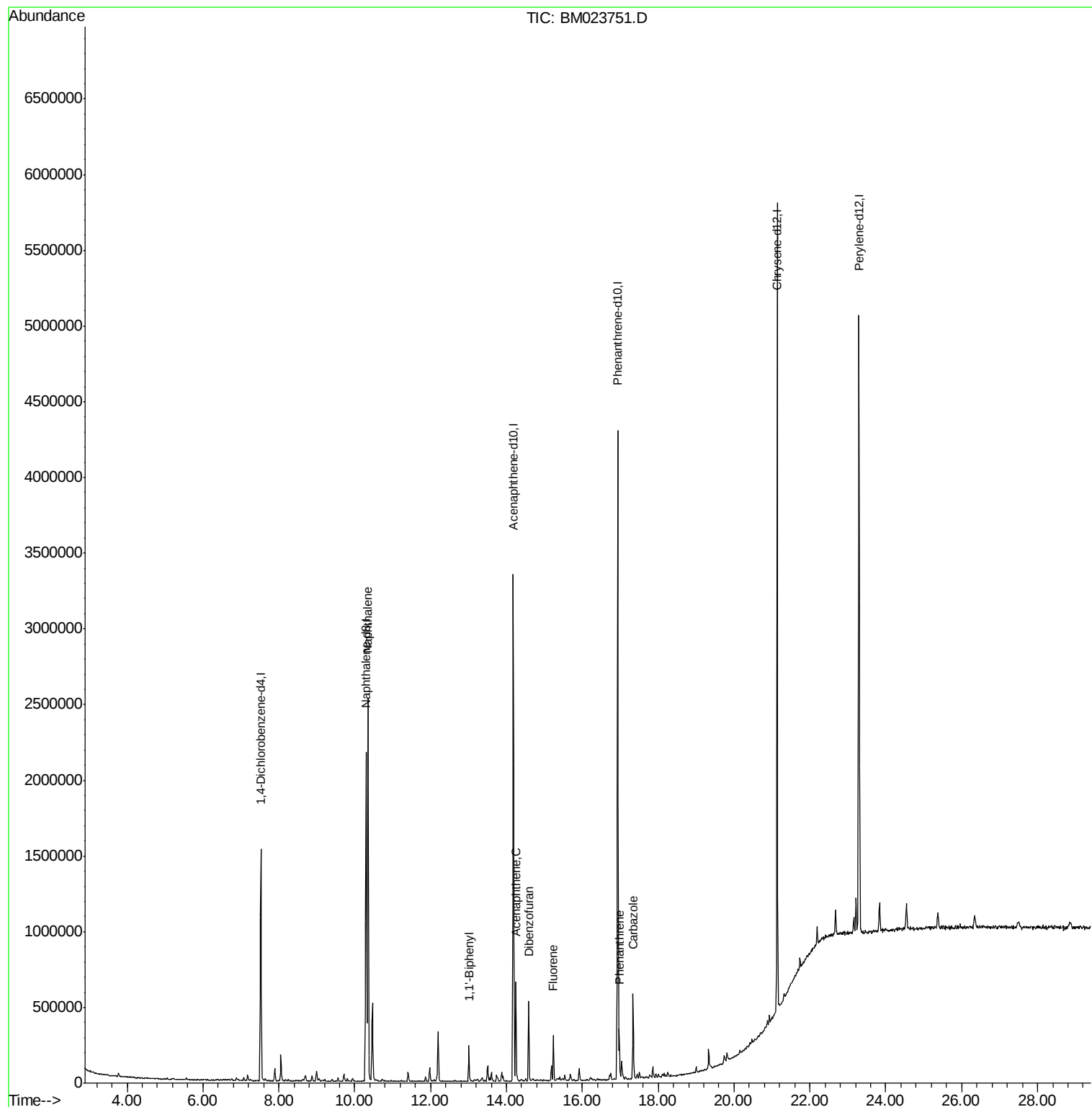
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023751.D
Acq On : 15 Nov 2019 12:36
Operator : JU
Sample : K5700-08DL2 50X
Misc :
ALS Vial : 35 Sample Multiplier: 1

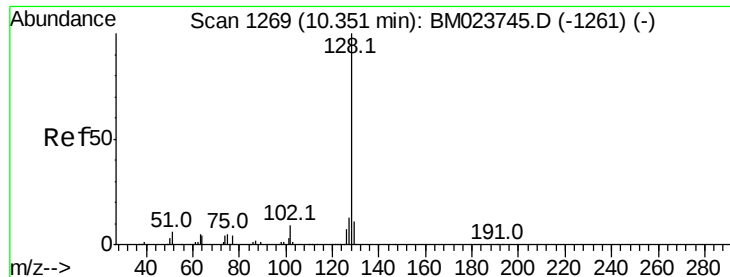
Instrument :
BNA_M
ClientSampleId :
BEGW9DL2

Manual Integrations
APPROVED

mohammad
11/15/2019 5:59:52 PM

Quant Time: Nov 15 15:29:29 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





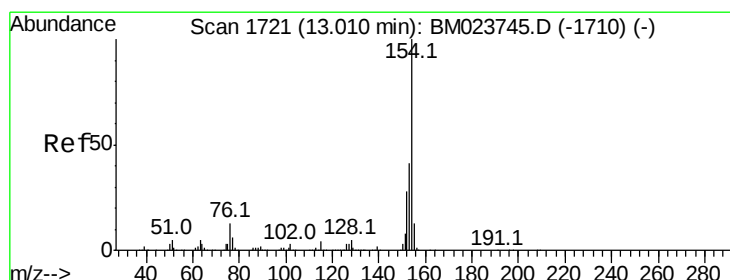
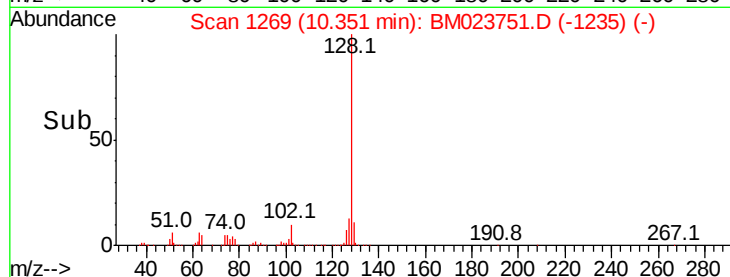
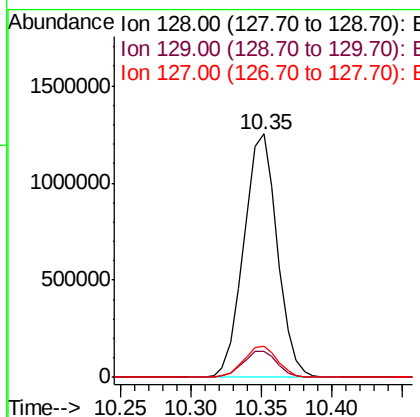
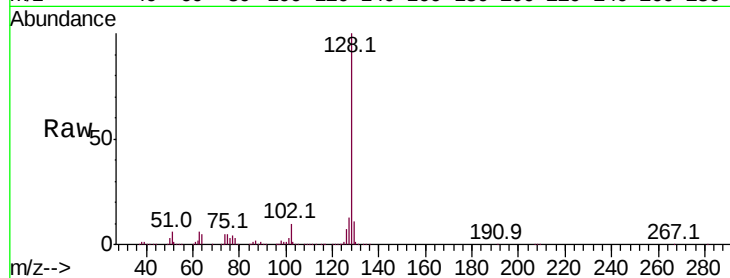
#28
Naphthalene
Concen: 22.204 ng/ul
RT: 10.35 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BM023751.D
Acq: 15 Nov 2019 12:36

Instrument :
BNA_M
ClientSampleId :
BEGW9DL2

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	12.6	10.6	16.0

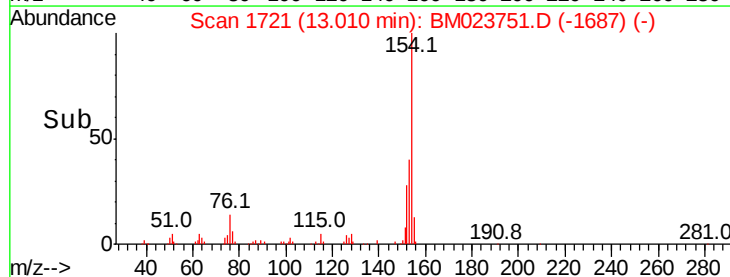
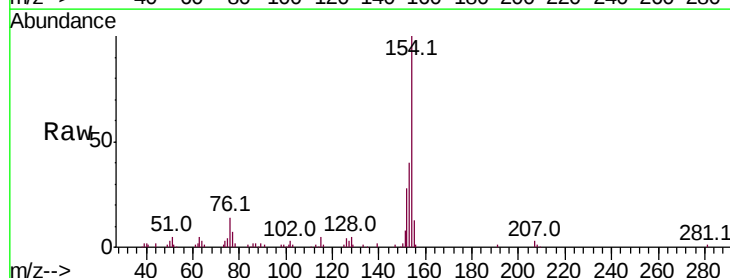
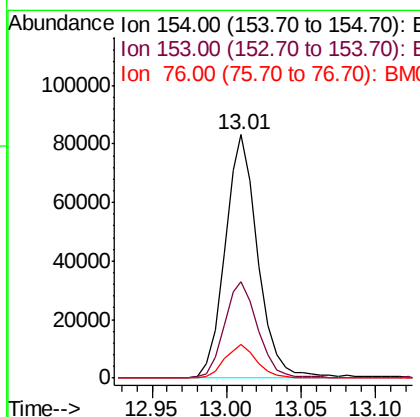
Manual Integrations
APPROVED

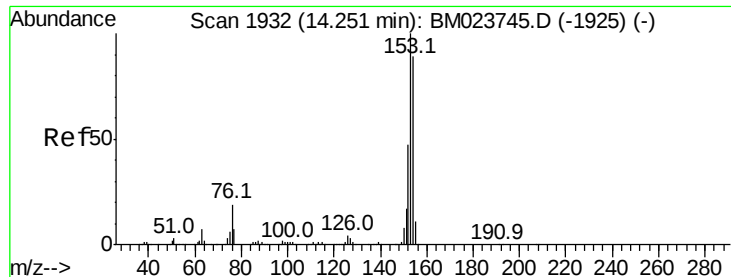
mohammad
11/15/2019 5:59:52 PM



#41
1,1'-Biphenyl
Concen: 1.476 ng/ul
RT: 13.01 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BM023751.D
Acq: 15 Nov 2019 12:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	32.3	48.5
76	13.6	10.6	15.8





#50

Acenaphthene

Concen: 3.661 ng/ul

RT: 14.25 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BM023751.D

Acq: 15 Nov 2019 12:36

Instrument :

BNA_M

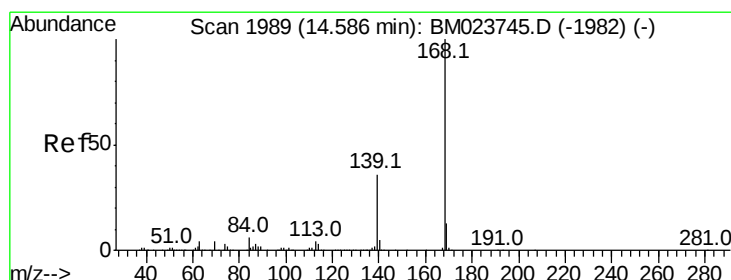
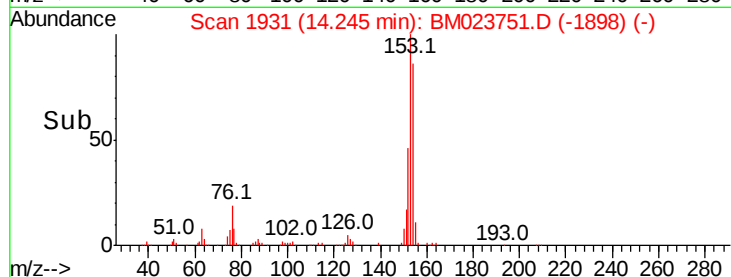
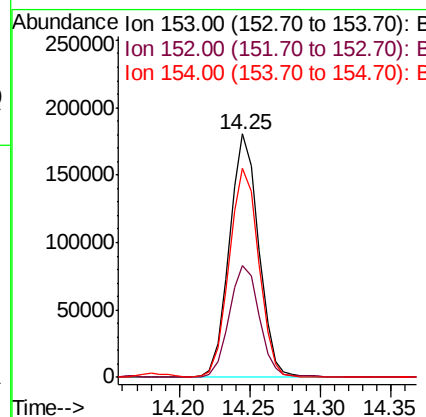
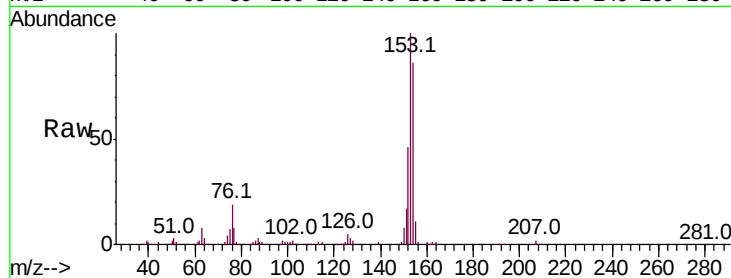
ClientSampleId :

BEGW9DL2

Tot Ion:	153	Resp:	261027
Ion Ratio	Lower	Upper	
153	100		
152	46.1	37.7	56.5
154	85.7	70.6	106.0

Manual Integrations
APPROVED

mohammad
11/15/2019 5:59:52 PM



#54

Dibenzofuran

Concen: 3.223 ng/ul

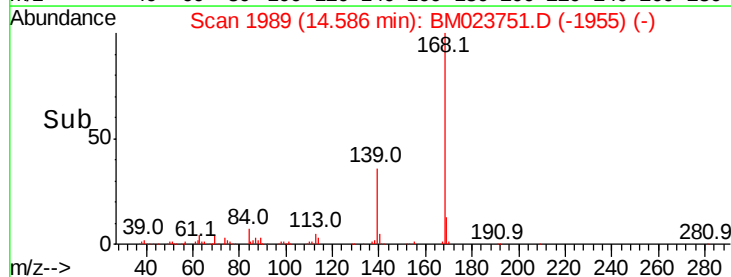
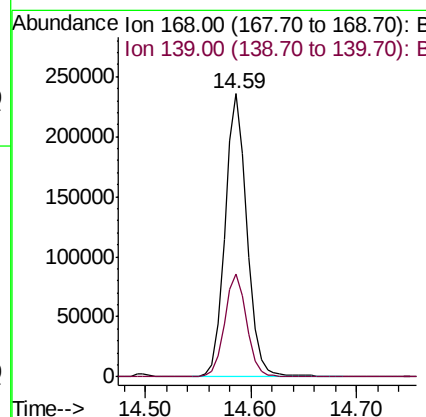
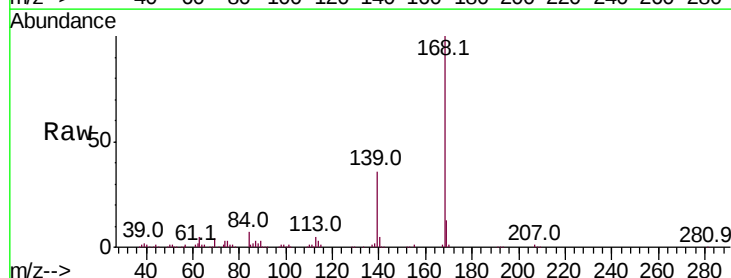
RT: 14.59 min Scan# 1989

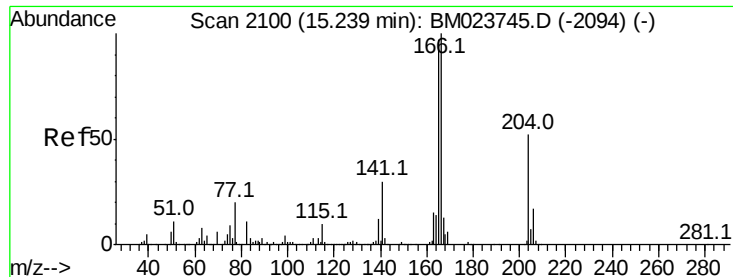
Delta R.T. -0.00 min

Lab File: BM023751.D

Acq: 15 Nov 2019 12:36

Tgt Ion:	168	Resp:	340240
Ion Ratio	Lower	Upper	
168	100		
139	36.2	29.3	43.9





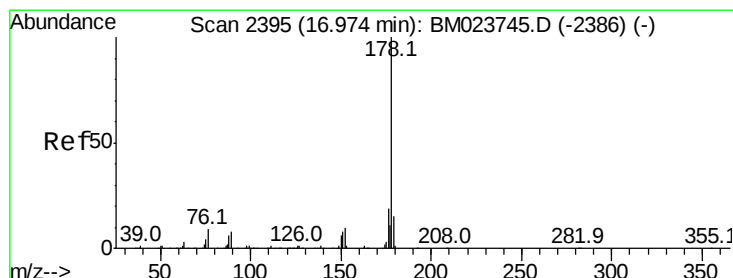
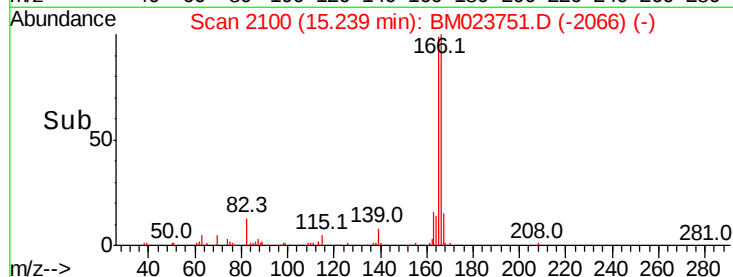
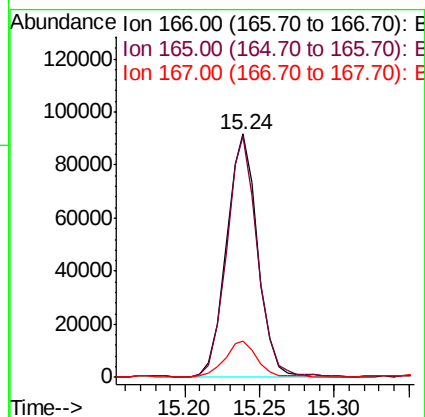
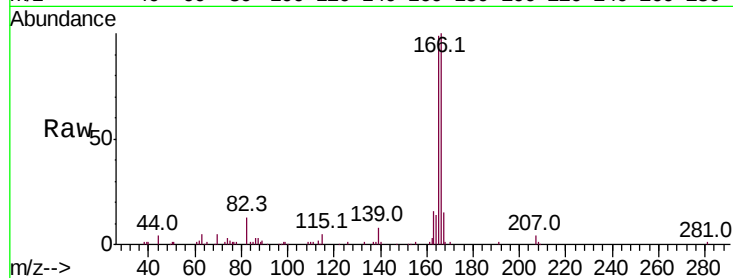
#59
Fluorene
 Concen: 1.572 ng/ul
 RT: 15.24 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BM023751.D
 Acq: 15 Nov 2019 12:36

Instrument :
 BNA_M
 ClientSampleId :
 BEGW9DL2

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.2	77.2	115.8	
167	14.8	10.9	16.3	

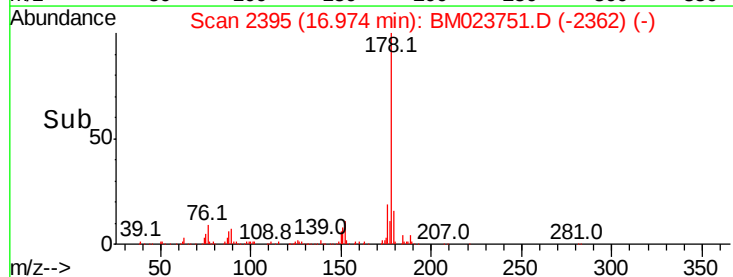
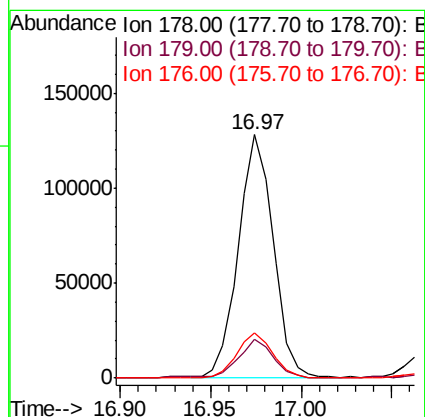
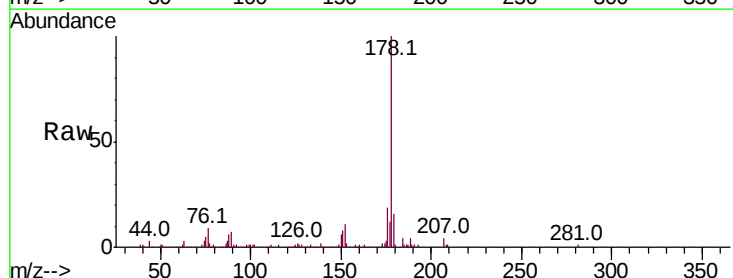
Manual Integrations
APPROVED

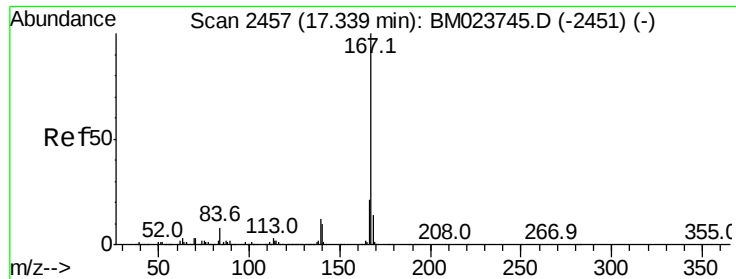
mohammad
 11/15/2019 5:59:52 PM



#70
Phenanthrene
 Concen: 1.291 ng/ul
 RT: 16.97 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BM023751.D
 Acq: 15 Nov 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
179	16.1	12.3	18.5	
176	18.7	15.0	22.6	





#75
 Carbazole
 Concen: 3.105 ng/ul
 RT: 17.34 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BM023751.D
 Acq: 15 Nov 2019 12:36

Instrument :
 BNA_M
 ClientSampleId :
 BEGW9DL2

Tot Ion:	167	Resp:	347635
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.1	25.7
139	12.7	9.8	14.6

Manual Integrations
 APPROVED

mohammad
 11/15/2019 5:59:52 PM

