

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083022\
 Data File : BM036462.D
 Acq On : 30 Aug 2022 15:57
 Operator : CG/JU
 Sample : N4396-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/01/2022
 Supervised By :Sohil Jodhani 09/02/2022

Quant Time: Aug 31 08:53:01 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM083022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 17:45:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	5099	0.400	ng/ul	0.00
4) Naphthalene-d8	10.535	136	20030	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.386	164	15689	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.129	188	32583	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.318	240	30726	0.400	ng/ul	0.00
23) Perylene-d12	23.612	264	25610	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	26993	3.644	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.130	152	10627	0.340	ng/ul	-0.01
18) Fluoranthene-d10	19.160	212	34641	0.362	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.176	88	276	0.039	ng/ul#	35
5) Naphthalene	10.585	128	15166	0.277	ng/ul#	91
7) 2-Methylnaphthalene	12.207	142	1491	0.044	ng/ul	98
8) 1-Methylnaphthalene	12.421	142	14152	0.415	ng/ul	90
10) Acenaphthylene	14.104	152	131936	2.215	ng/ul#	84
11) Acenaphthene	14.460	153	9440794	179.219	ng/ul	95
12) Fluorene	15.441	166	3546270	60.485	ng/ul	95
15) Phenanthrene	17.171	178	83494m	0.879	ng/ul	
16) Anthracene	17.264	178	528685	6.618	ng/ul	98
19) Fluoranthene	19.193	202	2167746	19.633	ng/ul	97
20) Pyrene	19.555	202	1160171	10.179	ng/ul	98
21) Benzo(a)anthracene	21.301	228	41550	0.448	ng/ul	95
22) Chrysene	21.353	228	26896m	0.259	ng/ul	
24) Benzo(b)fluoranthene	22.914	252	5066	0.050	ng/ul#	30
25) Benzo(k)fluoranthene	22.960	252	2045	0.020	ng/ul#	1

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

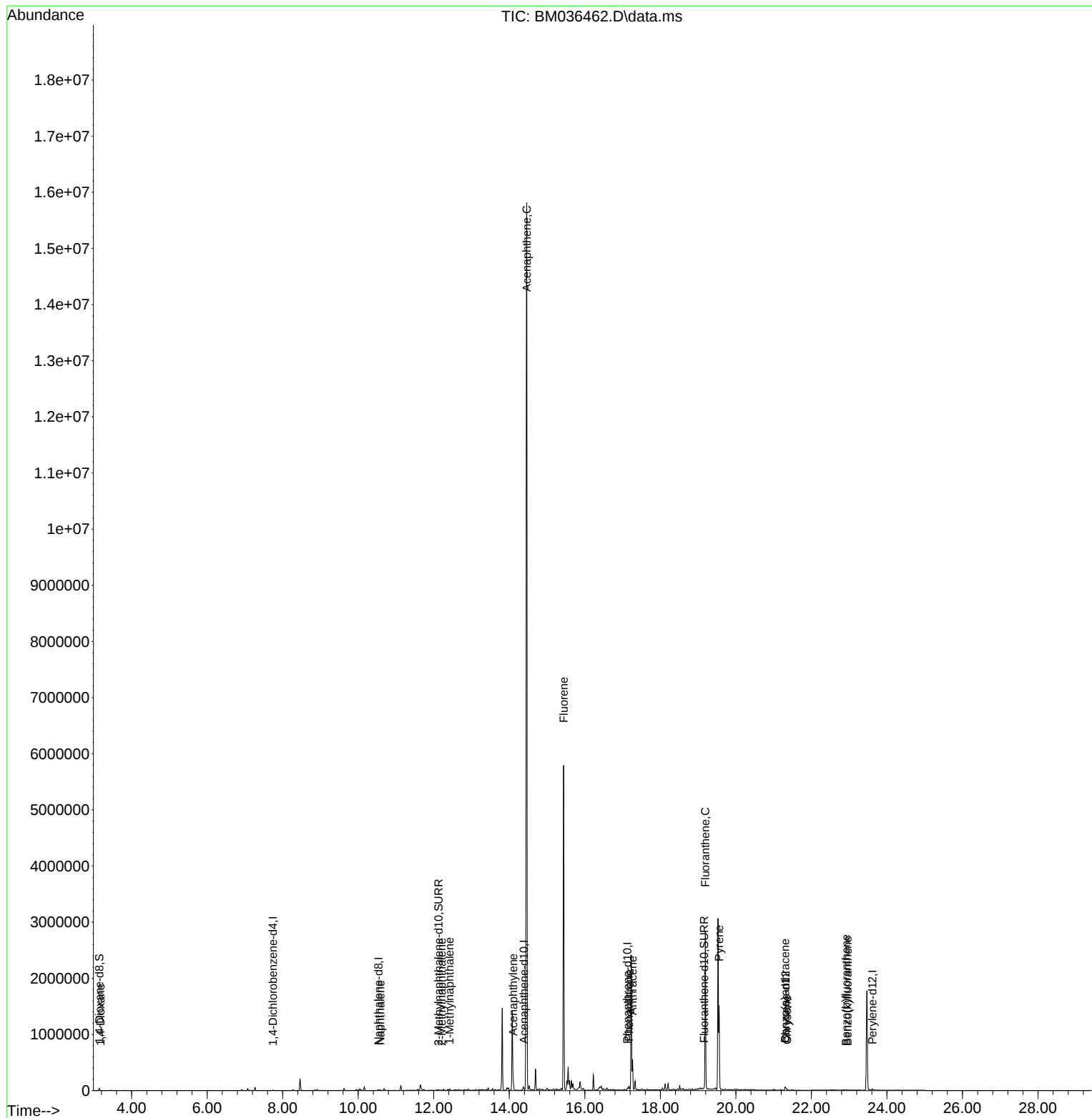
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083022\
Data File : BM036462.D
Acq On : 30 Aug 2022 15:57
Operator : CG/JU
Sample : N4396-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

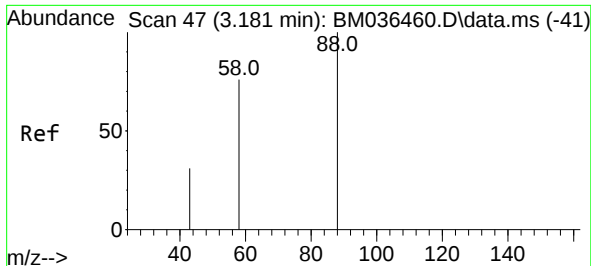
Instrument :
BNA_M
ClientSampleId :
C0AC0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/01/2022
Supervised By :Sohil Jodhani 09/02/2022

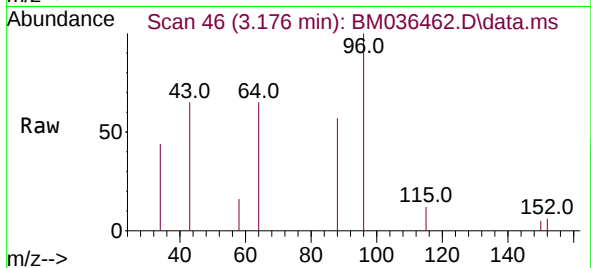
Quant Time: Aug 31 08:53:01 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM083022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 17:45:20 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.039 ng/ul
RT: 3.176 min Scan# 46
Delta R.T. -0.004 min
Lab File: BM036462.D
Acq: 30 Aug 2022 15:57

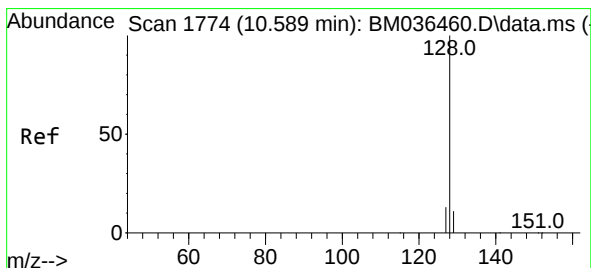
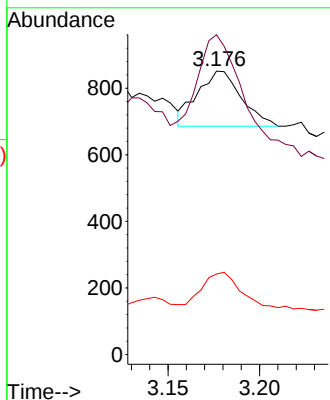
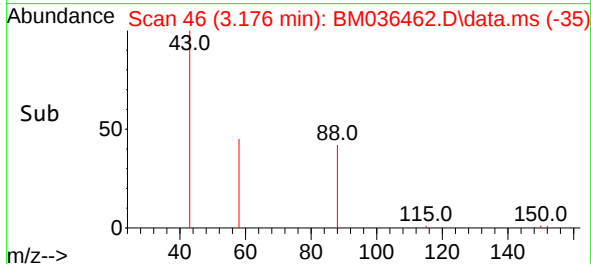
Instrument :
BNA_M
ClientSampleId :
C0AC0



Tgt Ion: 88 Resp: 276
Ion Ratio Lower Upper
88 100
43 112.9 37.8 56.6
58 28.4 42.6 63.8

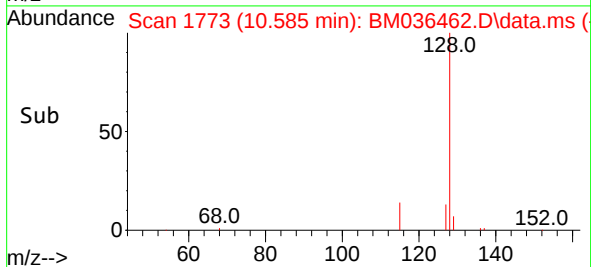
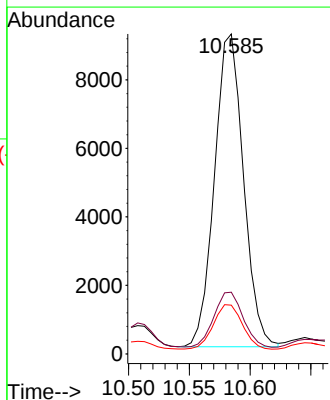
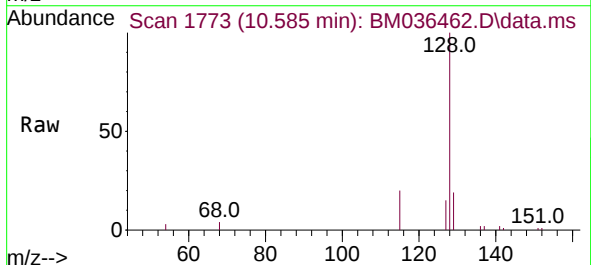
Manual Integrations
APPROVED

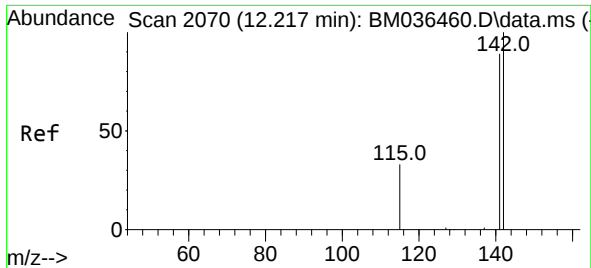
Reviewed By :Jagrut Upadhyay 09/01/2022
Supervised By :Sohil Jodhani 09/02/2022



#5
Naphthalene
Concen: 0.277 ng/ul
RT: 10.585 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BM036462.D
Acq: 30 Aug 2022 15:57

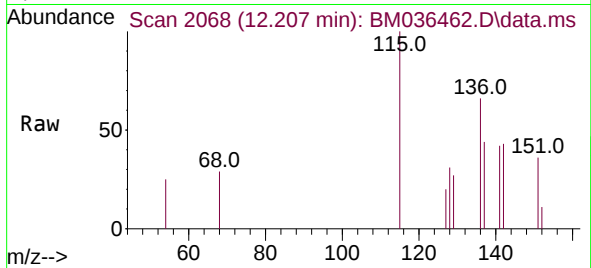
Tgt Ion:128 Resp: 15166
Ion Ratio Lower Upper
128 100
129 19.3 10.2 15.2
127 15.2 11.7 17.5





#7
2-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.207 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BM036462.D
Acq: 30 Aug 2022 15:57

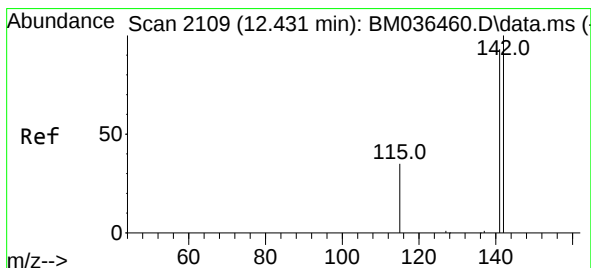
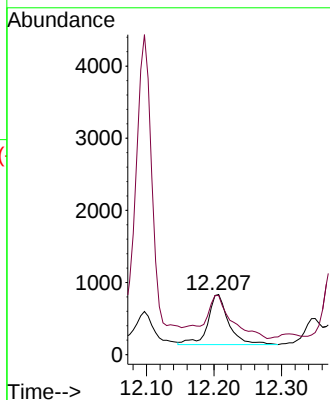
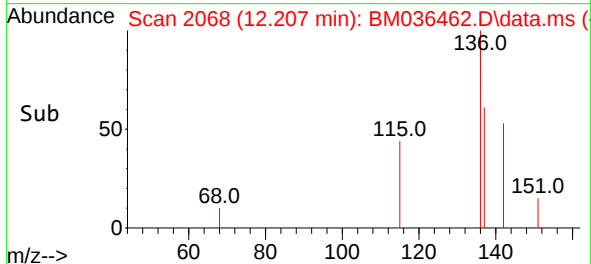
Instrument :
BNA_M
ClientSampleId :
C0AC0



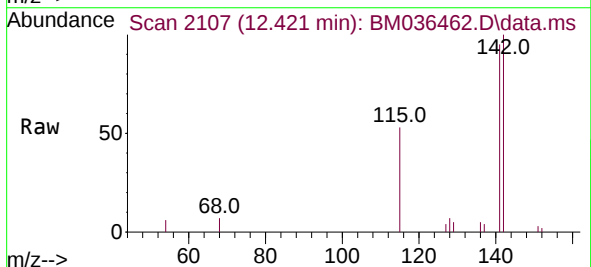
Tgt Ion:142 Resp: 1491
Ion Ratio Lower Upper
142 100
141 95.1 77.4 116.0

Manual Integrations
APPROVED

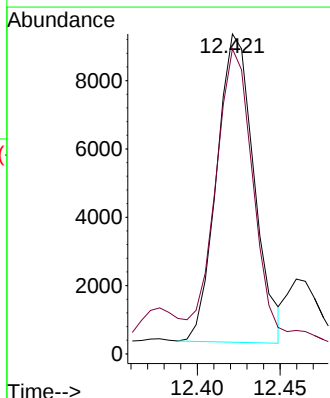
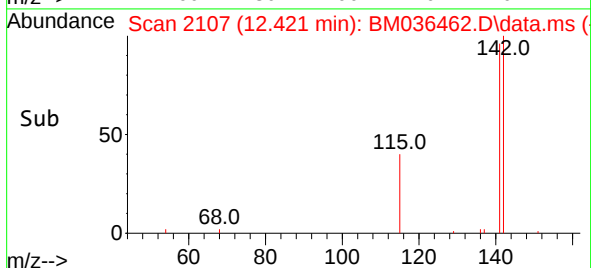
Reviewed By :Jagrut Upadhyay 09/01/2022
Supervised By :Sohil Jodhani 09/02/2022

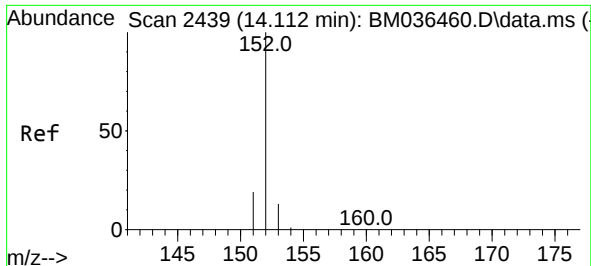


#8
1-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.421 min Scan# 2107
Delta R.T. -0.011 min
Lab File: BM036462.D
Acq: 30 Aug 2022 15:57



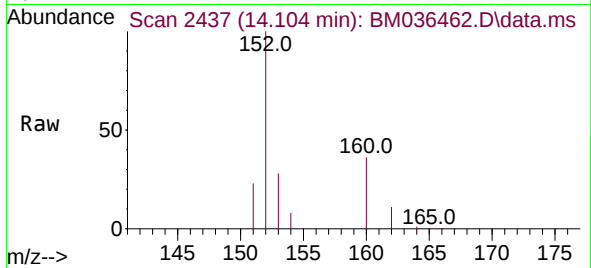
Tgt Ion:142 Resp: 14152
Ion Ratio Lower Upper
142 100
141 101.8 74.1 111.1





#10
Acenaphthylene
Concen: 2.215 ng/ul
RT: 14.104 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BM036462.D
Acq: 30 Aug 2022 15:57

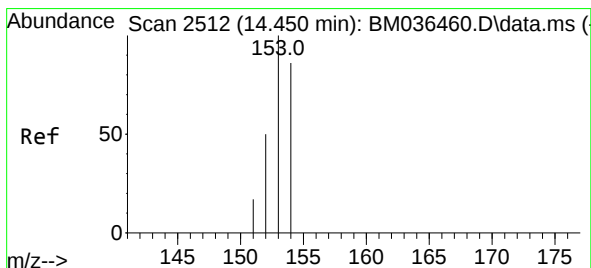
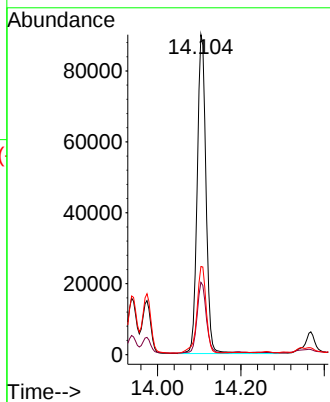
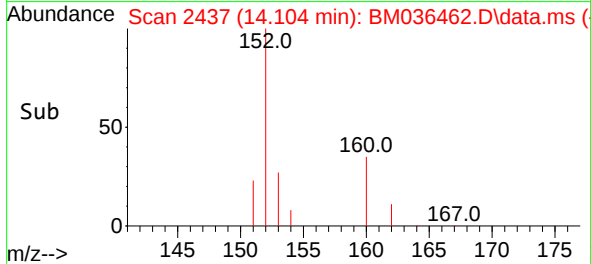
Instrument :
BNA_M
ClientSampleId :
C0AC0



Tgt Ion:152 Resp: 131936
Ion Ratio Lower Upper
152 100
151 22.6 16.6 24.8
153 27.5 11.4 17.0

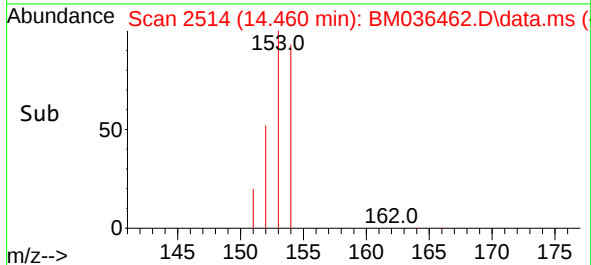
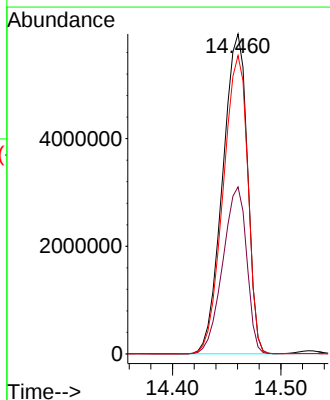
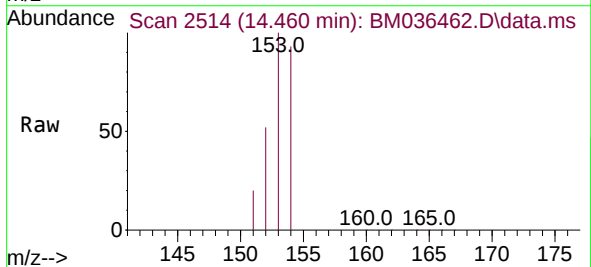
Manual Integrations
APPROVED

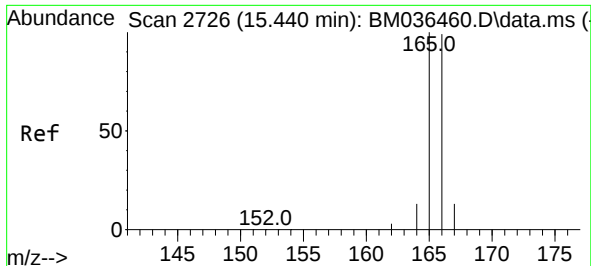
Reviewed By :Jagrut Upadhyay 09/01/2022
Supervised By :Sohil Jodhani 09/02/2022



#11
Acenaphthene
Concen: 179.219 ng/ul
RT: 14.460 min Scan# 2514
Delta R.T. 0.009 min
Lab File: BM036462.D
Acq: 30 Aug 2022 15:57

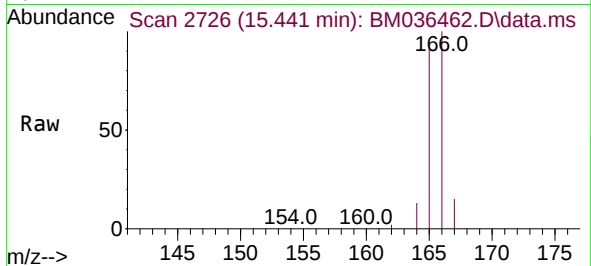
Tgt Ion:153 Resp: 9440794
Ion Ratio Lower Upper
153 100
152 52.2 40.2 60.4
154 93.3 69.7 104.5





#12
Fluorene
Concen: 60.485 ng/ul
RT: 15.441 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036462.D
Acq: 30 Aug 2022 15:57

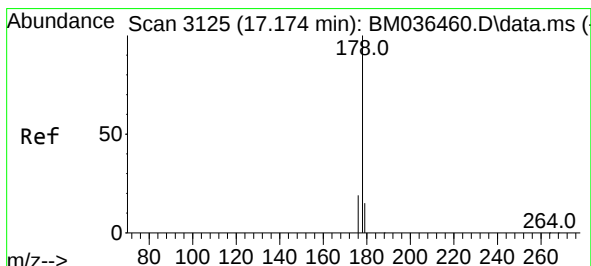
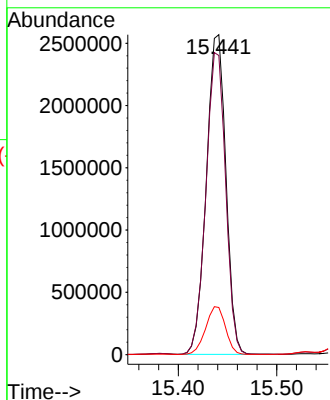
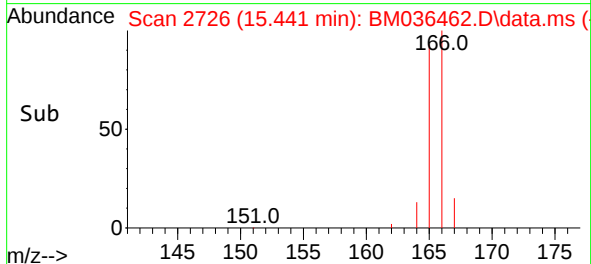
Instrument :
BNA_M
ClientSampleId :
C0AC0



Tgt Ion:166 Resp: 3546276
Ion Ratio Lower Upper
166 100
165 93.5 78.9 118.3
167 14.7 11.3 16.9

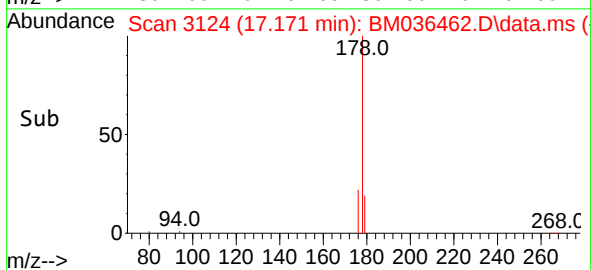
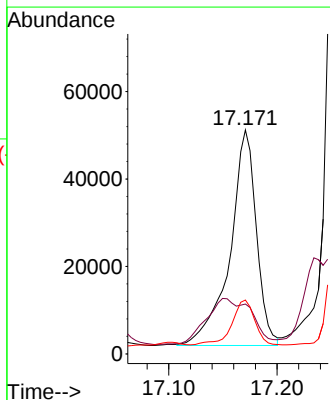
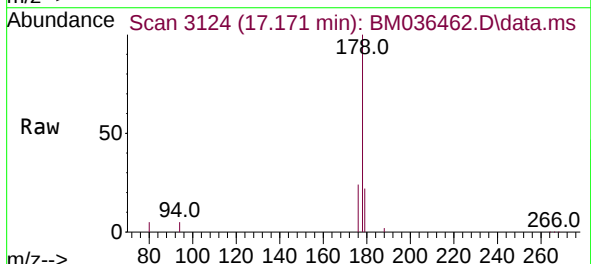
Manual Integrations
APPROVED

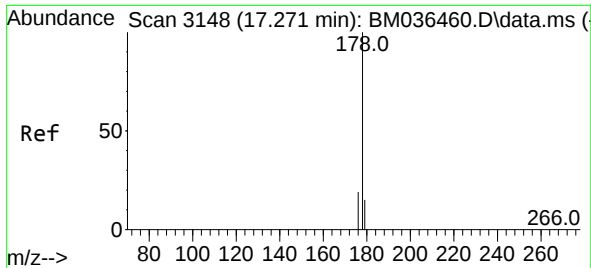
Reviewed By :Jagrut Upadhyay 09/01/2022
Supervised By :Sohil Jodhani 09/02/2022



#15
Phenanthrene
Concen: 0.879 ng/ul m
RT: 17.171 min Scan# 3124
Delta R.T. -0.004 min
Lab File: BM036462.D
Acq: 30 Aug 2022 15:57

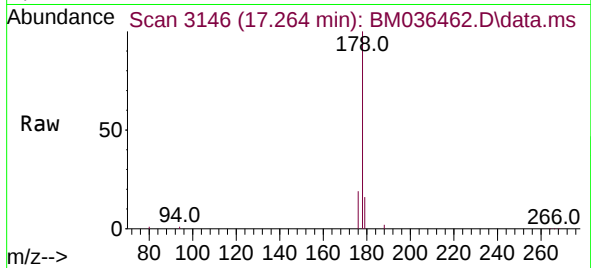
Tgt Ion:178 Resp: 83494
Ion Ratio Lower Upper
178 100
179 22.2 13.0 19.6#
176 24.0 15.6 23.4#





#16
 Anthracene
 Concen: 6.618 ng/ul
 RT: 17.264 min Scan# 3146
 Delta R.T. -0.008 min
 Lab File: BM036462.D
 Acq: 30 Aug 2022 15:57

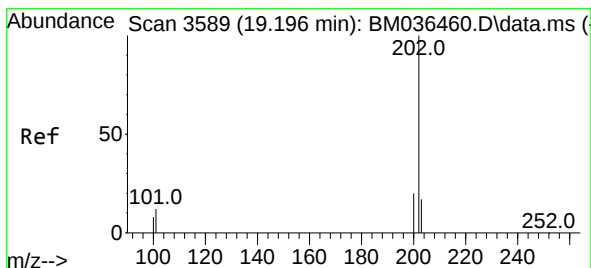
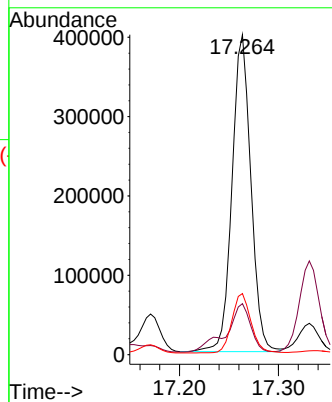
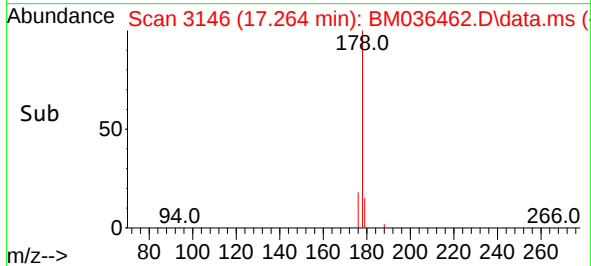
Instrument :
 BNA_M
 ClientSampleId :
 C0AC0



Tgt Ion:178 Resp: 528685
 Ion Ratio Lower Upper
 178 100
 179 15.9 13.6 20.4
 176 19.1 15.6 23.4

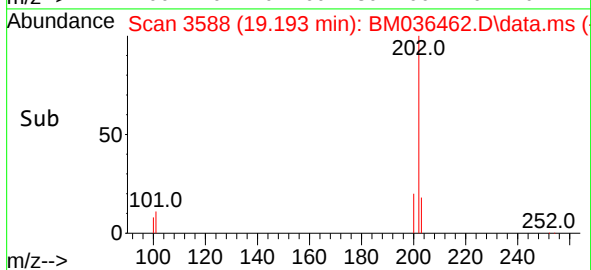
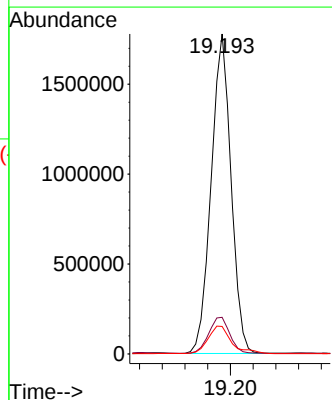
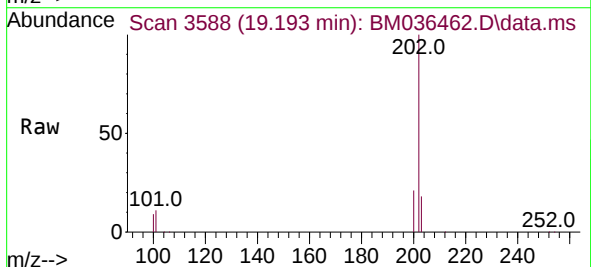
Manual Integrations
 APPROVED

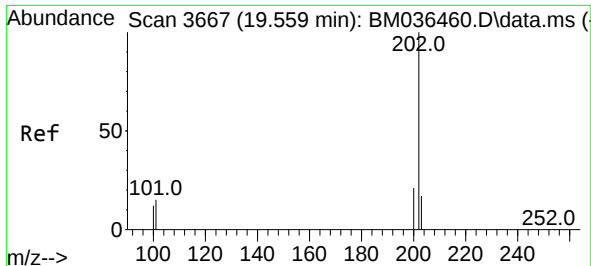
Reviewed By :Jagrut Upadhyay 09/01/2022
 Supervised By :Sohil Jodhani 09/02/2022



#19
 Fluoranthene
 Concen: 19.633 ng/ul
 RT: 19.193 min Scan# 3588
 Delta R.T. -0.005 min
 Lab File: BM036462.D
 Acq: 30 Aug 2022 15:57

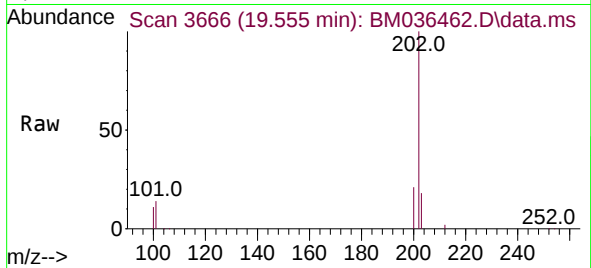
Tgt Ion:202 Resp: 2167746
 Ion Ratio Lower Upper
 202 100
 101 11.4 10.1 15.1
 100 8.6 7.9 11.9





#20
Pyrene
Concen: 10.179 ng/ul
RT: 19.555 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BM036462.D
Acq: 30 Aug 2022 15:57

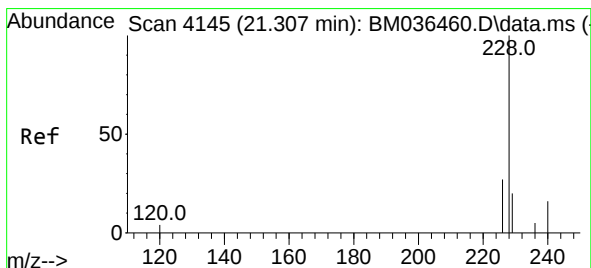
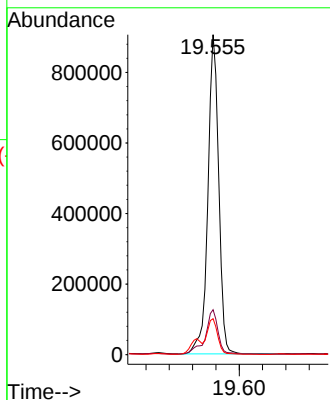
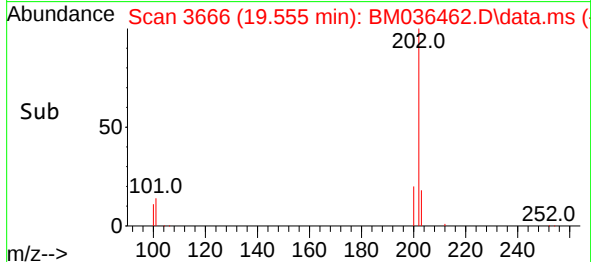
Instrument :
BNA_M
ClientSampleId :
C0AC0



Tgt Ion:202 Resp: 116017
Ion Ratio Lower Upper
202 100
101 14.0 12.0 18.0
100 11.2 9.8 14.6

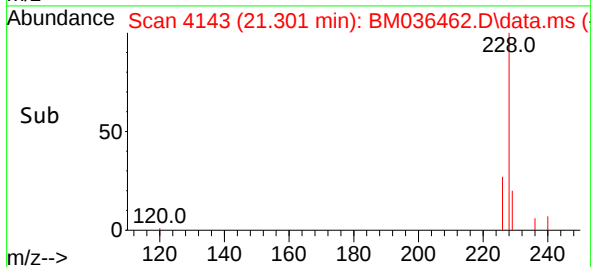
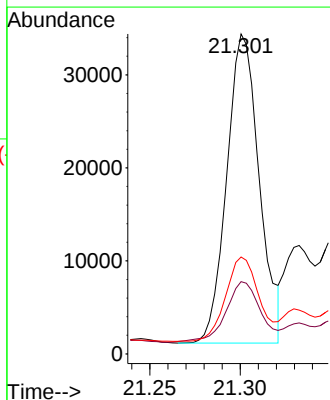
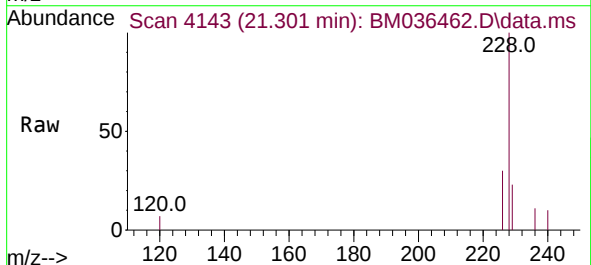
Manual Integrations
APPROVED

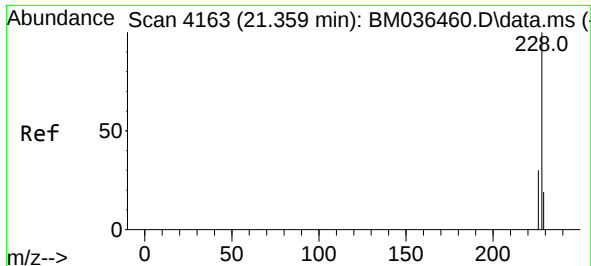
Reviewed By :Jagrut Upadhyay 09/01/2022
Supervised By :Sohil Jodhani 09/02/2022



#21
Benzo(a)anthracene
Concen: 0.448 ng/ul
RT: 21.301 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM036462.D
Acq: 30 Aug 2022 15:57

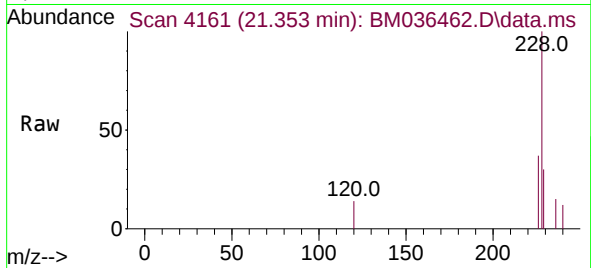
Tgt Ion:228 Resp: 41550
Ion Ratio Lower Upper
228 100
229 22.6 16.2 24.2
226 30.3 22.5 33.7





#22
Chrysene
Concen: 0.259 ng/ul m
RT: 21.353 min Scan# 4161
Delta R.T. -0.006 min
Lab File: BM036462.D
Acq: 30 Aug 2022 15:57

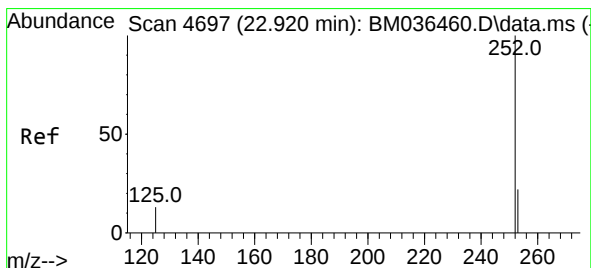
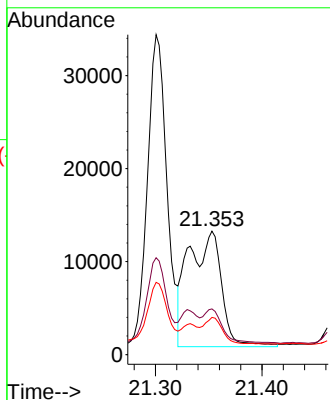
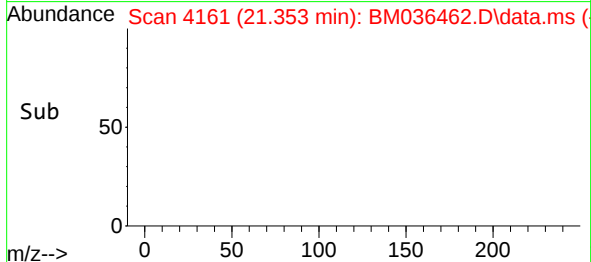
Instrument :
BNA_M
ClientSampleId :
C0AC0



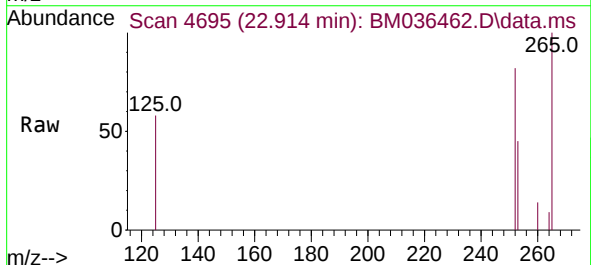
Tgt Ion:228 Resp: 26896
Ion Ratio Lower Upper
228 100
226 37.0 24.6 37.0
229 30.1 16.4 24.6

Manual Integrations
APPROVED

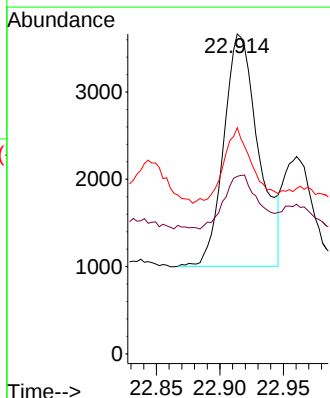
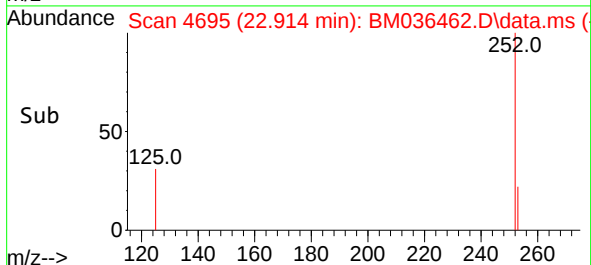
Reviewed By :Jagrut Upadhyay 09/01/2022
Supervised By :Sohil Jodhani 09/02/2022

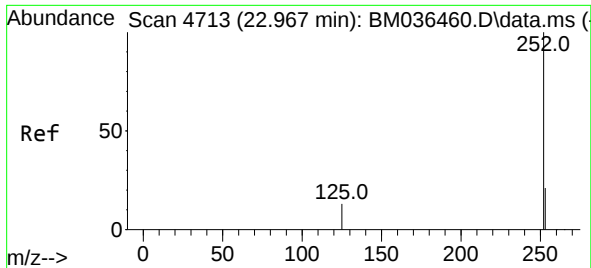


#24
Benzo(b)fluoranthene
Concen: 0.050 ng/ul
RT: 22.914 min Scan# 4695
Delta R.T. -0.006 min
Lab File: BM036462.D
Acq: 30 Aug 2022 15:57



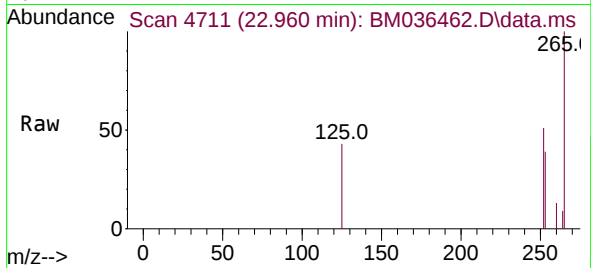
Tgt Ion:252 Resp: 5066
Ion Ratio Lower Upper
252 100
253 55.5 0.0 61.4
125 70.7 0.0 42.6





#25
Benzo(k)fluoranthene
Concen: 0.020 ng/ul
RT: 22.960 min Scan# 4713
Delta R.T. -0.006 min
Lab File: BM036462.D
Acq: 30 Aug 2022 15:57

Instrument :
BNA_M
ClientSampleId :
C0AC0



Tgt Ion	Ratio	Lower	Upper
252	100		
253	75.9	25.2	37.8
125	83.9	18.3	27.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/01/2022
Supervised By :Sohil Jodhani 09/02/2022

