

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
 Data File : BM044947.D
 Acq On : 05 Apr 2024 13:44
 Operator : MA/JU
 Sample : P1992-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2024
 Supervised By :mohammad ahmed 04/06/2024

Quant Time: Apr 05 14:15:39 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Apr 03 23:34:03 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	2031	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.413	136	6538	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.288	164	4535	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.047	188	10307m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.257	240	9111m	0.400	ng/ul	-0.01
23) Perylene-d12	23.481	264	8747m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	10606	3.975	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.013	152	3106	0.351	ng/ul	-0.04
18) Fluoranthene-d10	19.085	212	10750m	0.467	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.462	128	157452	9.076	ng/ul#	94
7) 2-Methylnaphthalene	12.090	142	5231	0.505	ng/ul	98
8) 1-Methylnaphthalene	12.310	142	21217	1.876	ng/ul	100
10) Acenaphthylene	14.006	152	21519	0.951	ng/ul#	89
11) Acenaphthene	14.357	153	1860193	114.854	ng/ul	96
12) Fluorene	15.347	166	610526	33.625	ng/ul	98
14) Pentachlorophenol	16.701	266	400	0.166	ng/ul	95
15) Phenanthrene	17.089	178	29102m	1.003	ng/ul	
16) Anthracene	17.182	178	95143	3.329	ng/ul	98
19) Fluoranthene	19.117	202	367605m	11.291	ng/ul	
20) Pyrene	19.480	202	187069	5.441	ng/ul	98
21) Benzo(a)anthracene	21.240	228	8335m	0.263	ng/ul	
22) Chrysene	21.269	228	4330m	0.109	ng/ul	
24) Benzo(b)fluoranthene	22.815	252	1255m	0.040	ng/ul	

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

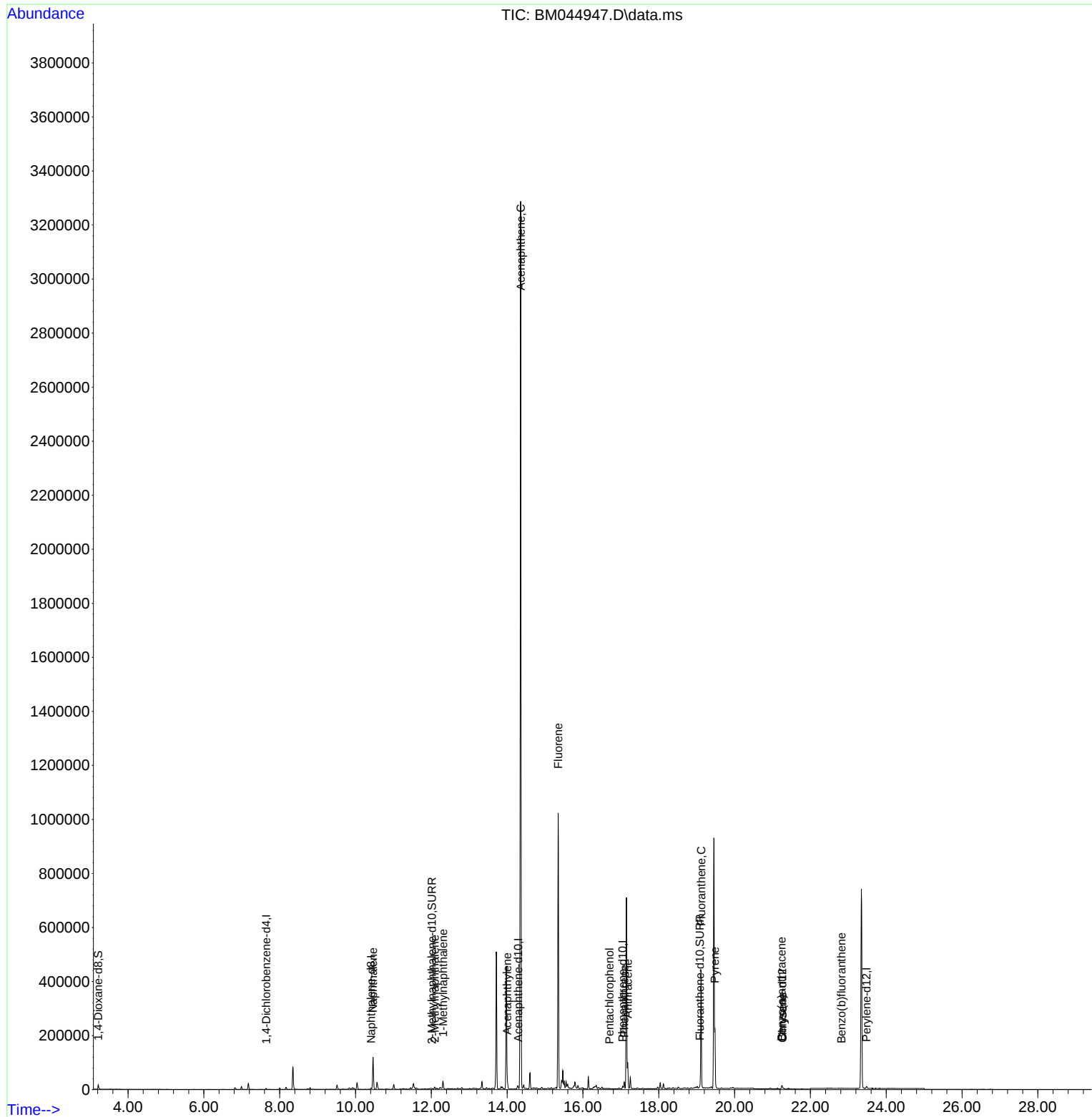
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044947.D
Acq On : 05 Apr 2024 13:44
Operator : MA/JU
Sample : P1992-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

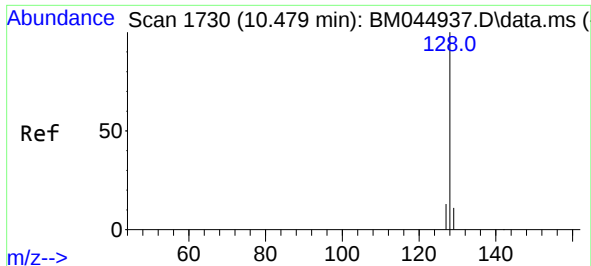
Instrument :
BNA_M
ClientSampleId :
C0AJ9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/06/2024

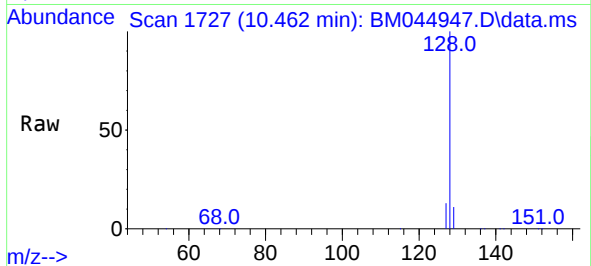
Quant Time: Apr 05 14:15:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 03 23:34:03 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 9.076 ng/ul
RT: 10.462 min Scan# 11
Delta R.T. -0.033 min
Lab File: BM044947.D
Acq: 05 Apr 2024 13:44

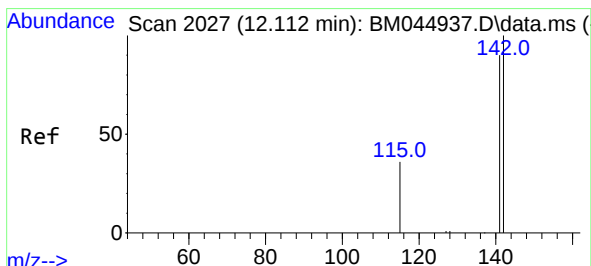
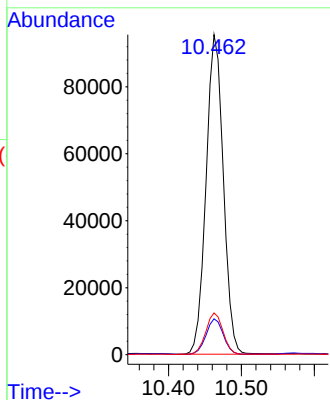
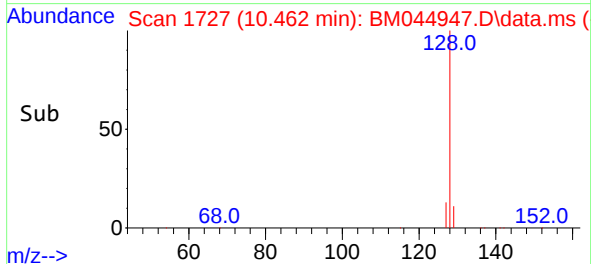
Instrument :
BNA_M
ClientSampleId :
C0AJ9



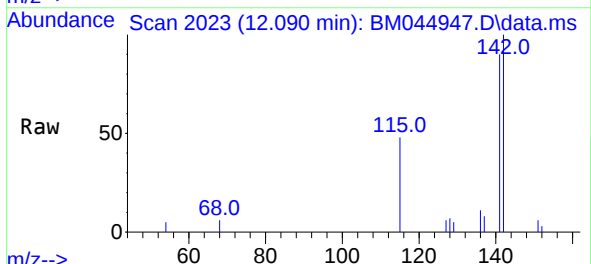
Tgt Ion:128 Resp: 157452
Ion Ratio Lower Upper
128 100
129 11.2 11.3 16.9
127 13.0 11.9 17.9

Manual Integrations
APPROVED

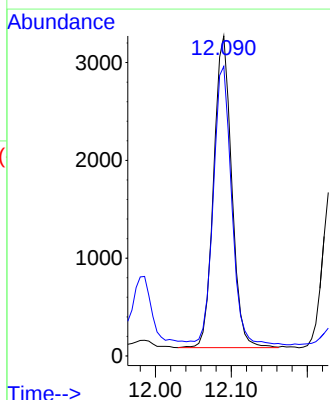
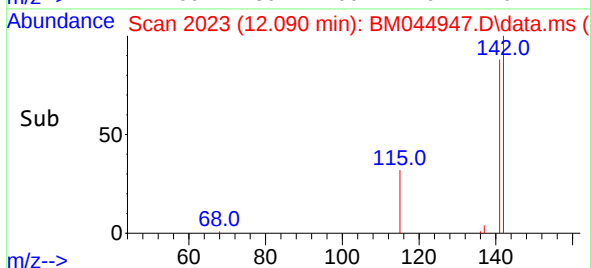
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/06/2024

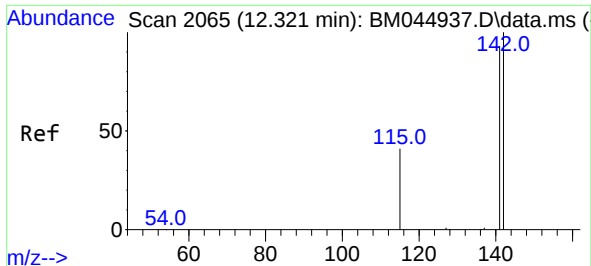


#7
2-Methylnaphthalene
Concen: 0.505 ng/ul
RT: 12.090 min Scan# 2023
Delta R.T. -0.039 min
Lab File: BM044947.D
Acq: 05 Apr 2024 13:44



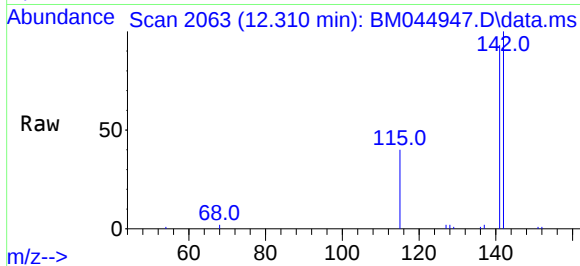
Tgt Ion:142 Resp: 5231
Ion Ratio Lower Upper
142 100
141 90.8 73.8 110.8





#8
1-Methylnaphthalene
Concen: 1.876 ng/ul
RT: 12.310 min Scan# 2065
Delta R.T. -0.028 min
Lab File: BM044947.D
Acq: 05 Apr 2024 13:44

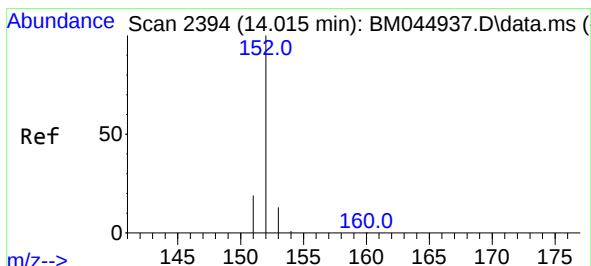
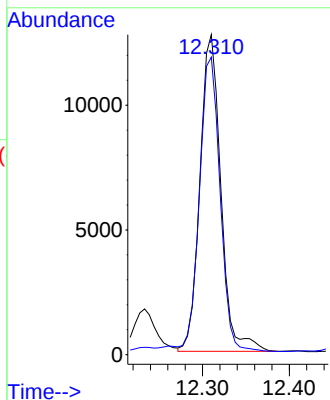
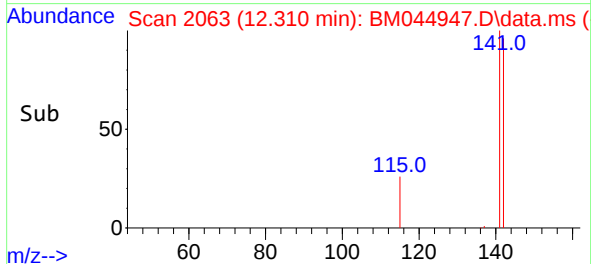
Instrument :
BNA_M
ClientSampleId :
C0AJ9



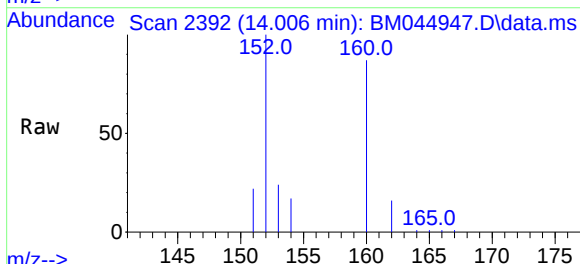
Tgt Ion:142 Resp: 2121
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.2

Manual Integrations
APPROVED

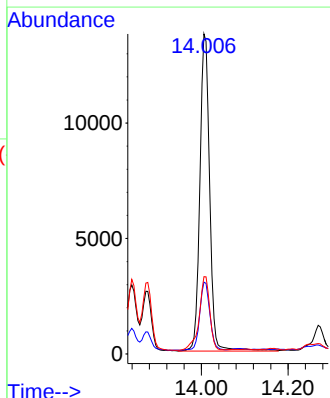
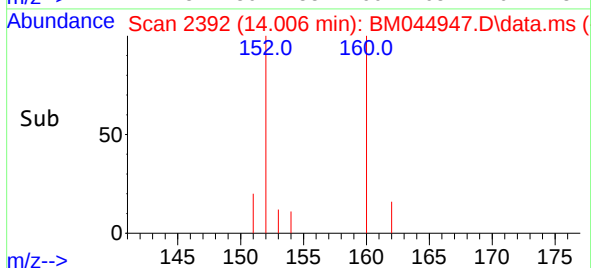
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/06/2024

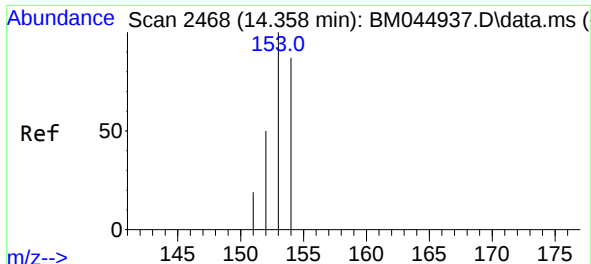


#10
Acenaphthylene
Concen: 0.951 ng/ul
RT: 14.006 min Scan# 2392
Delta R.T. -0.023 min
Lab File: BM044947.D
Acq: 05 Apr 2024 13:44



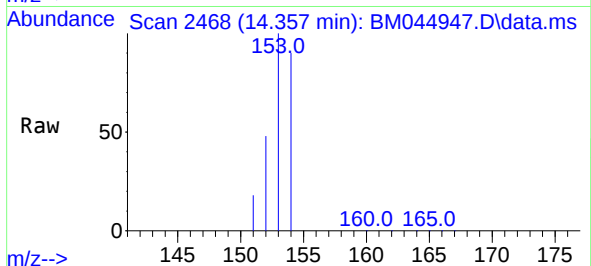
Tgt Ion:152 Resp: 21519
Ion Ratio Lower Upper
152 100
151 22.4 17.0 25.4
153 24.2 11.9 17.9#





#11
Acenaphthene
Concen: 114.854 ng/ul
RT: 14.357 min Scan# 2468
Delta R.T. -0.009 min
Lab File: BM044947.D
Acq: 05 Apr 2024 13:44

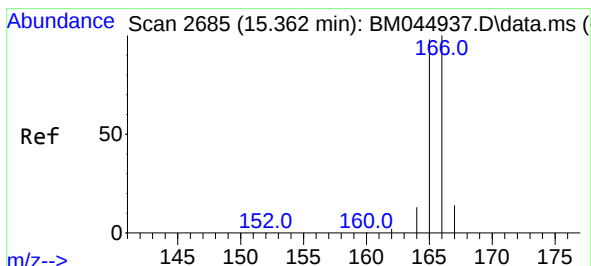
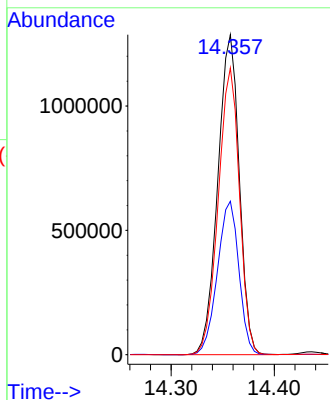
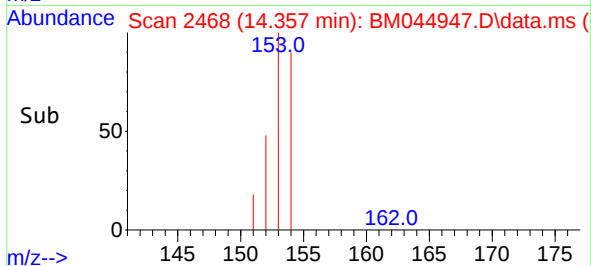
Instrument :
BNA_M
ClientSampleId :
C0AJ9



Tgt Ion:153 Resp: 186019
Ion Ratio Lower Upper
153 100
152 47.9 41.2 61.8
154 89.6 69.4 104.0

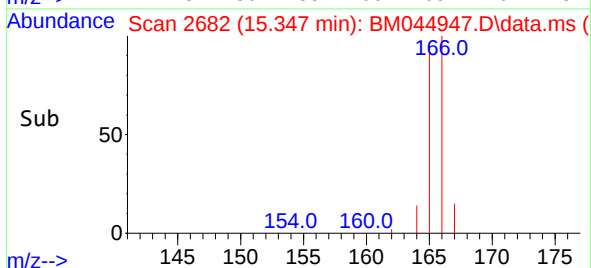
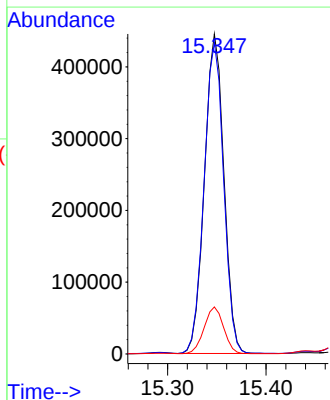
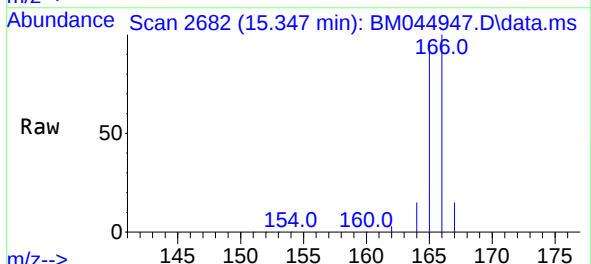
Manual Integrations
APPROVED

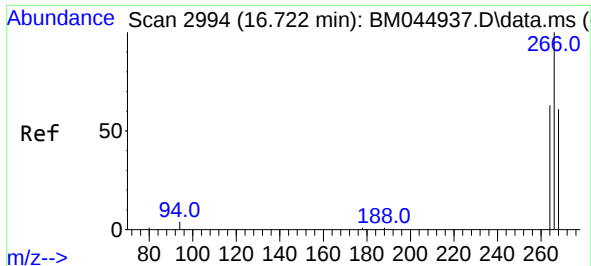
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/06/2024



#12
Fluorene
Concen: 33.625 ng/ul
RT: 15.347 min Scan# 2682
Delta R.T. -0.028 min
Lab File: BM044947.D
Acq: 05 Apr 2024 13:44

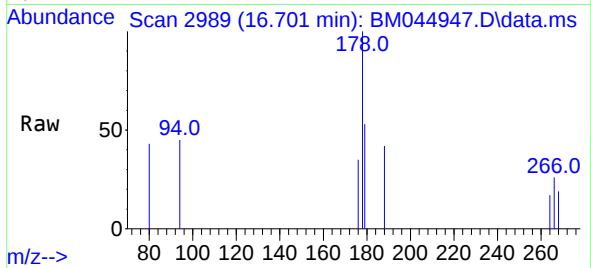
Tgt Ion:166 Resp: 610526
Ion Ratio Lower Upper
166 100
165 97.3 79.9 119.9
167 14.7 12.2 18.2





#14
Pentachlorophenol
Concen: 0.166 ng/ul
RT: 16.701 min Scan# 2994
Delta R.T. -0.034 min
Lab File: BM044947.D
Acq: 05 Apr 2024 13:44

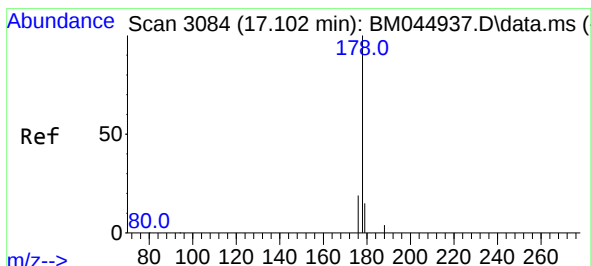
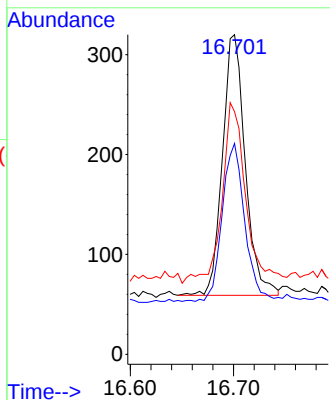
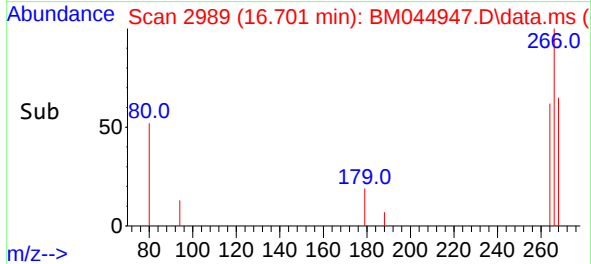
Instrument :
BNA_M
ClientSampleId :
C0AJ9



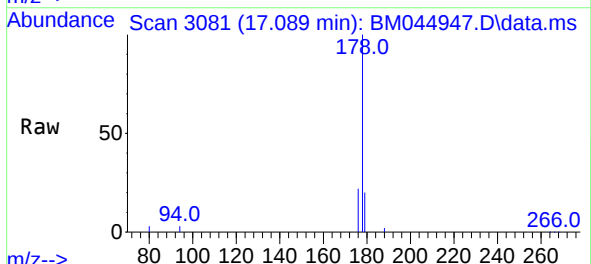
Tgt Ion:266 Resp: 400
Ion Ratio Lower Upper
266 100
264 60.0 48.3 72.5
268 72.5 52.6 79.0

Manual Integrations
APPROVED

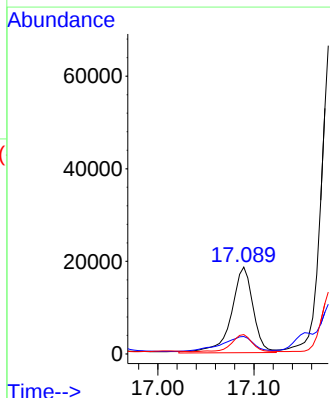
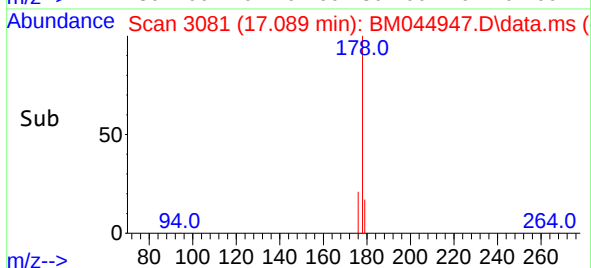
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/06/2024

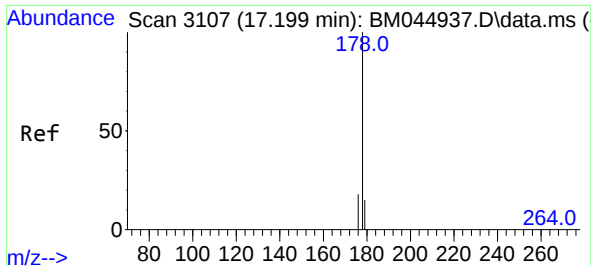


#15
Phenanthrene
Concen: 1.003 ng/ul m
RT: 17.089 min Scan# 3081
Delta R.T. -0.021 min
Lab File: BM044947.D
Acq: 05 Apr 2024 13:44



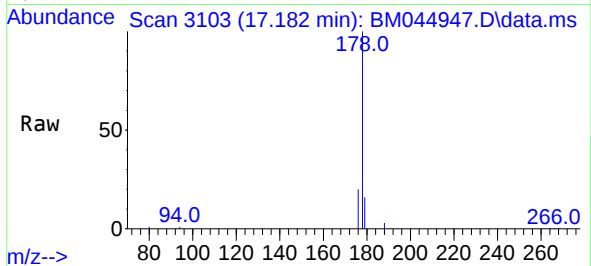
Tgt Ion:178 Resp: 29102
Ion Ratio Lower Upper
178 100
179 20.1 13.7 20.5
176 22.3 17.0 25.4





#16
 Anthracene
 Concen: 3.329 ng/ul
 RT: 17.182 min Scan# 3107
 Delta R.T. -0.030 min
 Lab File: BM044947.D
 Acq: 05 Apr 2024 13:44

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ9

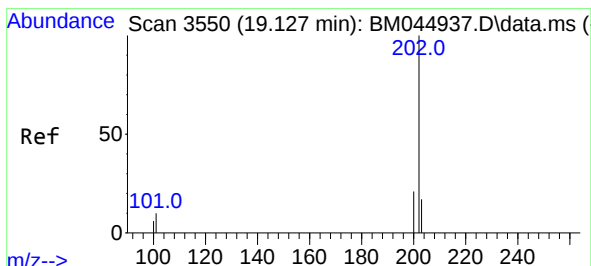
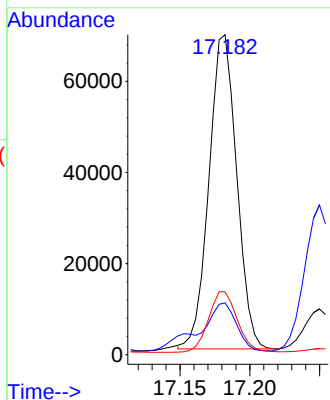
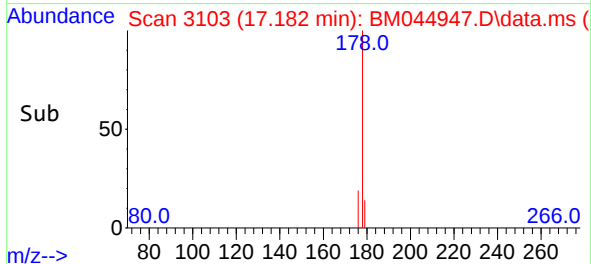


Tgt Ion:178 Resp: 9514

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.8	20.8
176	19.6	16.2	24.4

Manual Integrations
 APPROVED

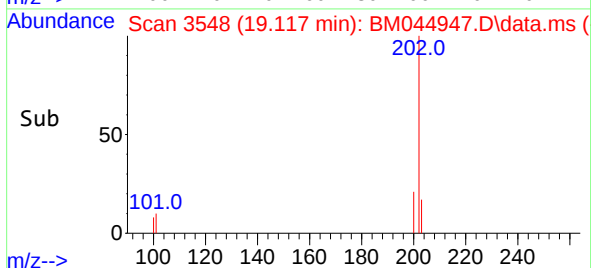
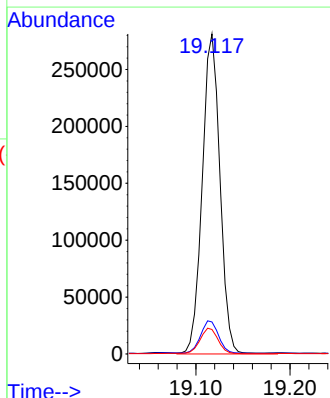
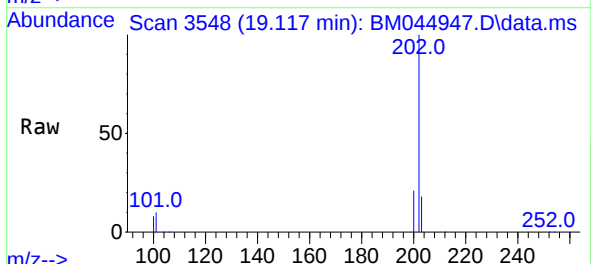
Reviewed By :Jagrut Upadhyay 04/05/2024
 Supervised By :mohammad ahmed 04/06/2024

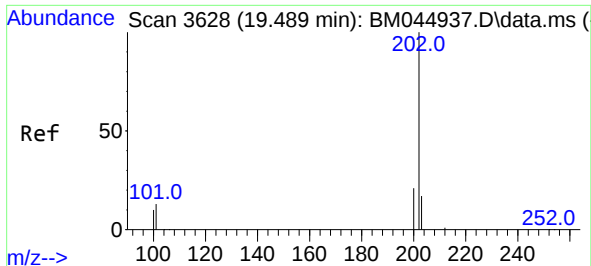


#19
 Fluoranthene
 Concen: 11.291 ng/ul m
 RT: 19.117 min Scan# 3548
 Delta R.T. -0.019 min
 Lab File: BM044947.D
 Acq: 05 Apr 2024 13:44

Tgt Ion:202 Resp: 367605

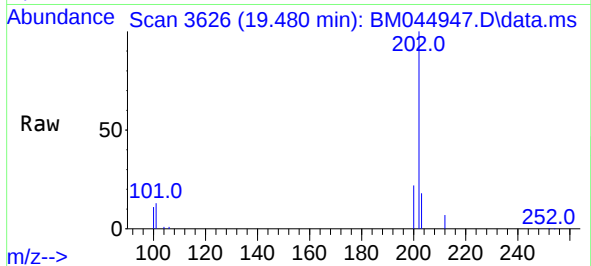
Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.8	13.2
100	7.6	7.0	10.4





#20
Pyrene
Concen: 5.441 ng/ul
RT: 19.480 min Scan# 30
Delta R.T. -0.023 min
Lab File: BM044947.D
Acq: 05 Apr 2024 13:44

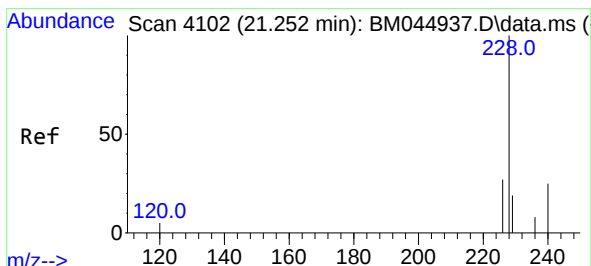
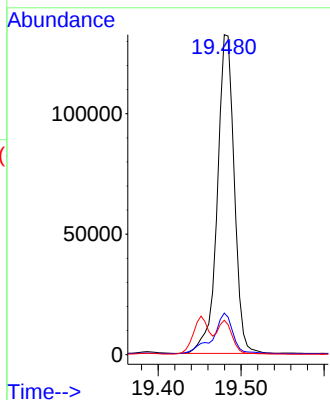
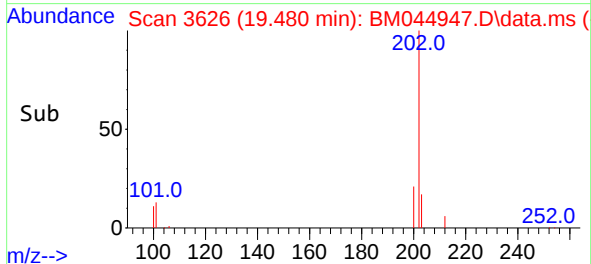
Instrument :
BNA_M
ClientSampleId :
C0AJ9



Tgt Ion:202 Resp: 187069
Ion Ratio Lower Upper
202 100
101 13.0 9.8 14.6
100 10.8 8.1 12.1

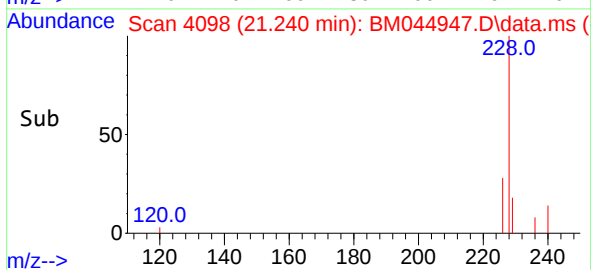
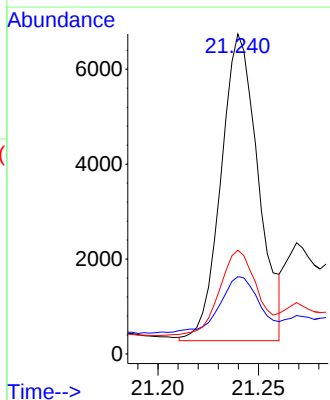
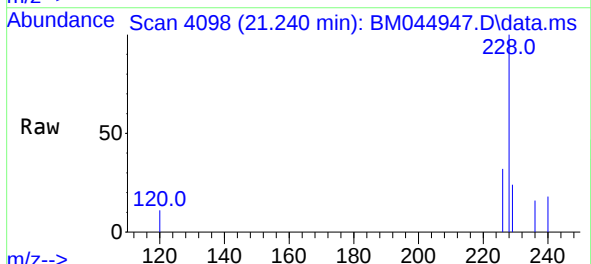
Manual Integrations
APPROVED

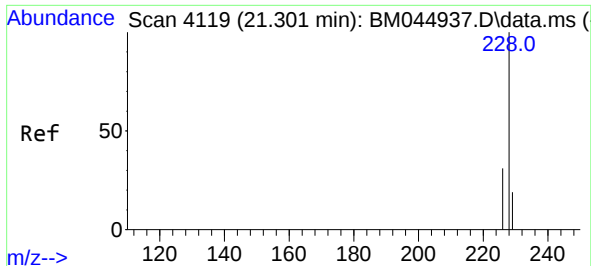
Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/06/2024



#21
Benzo(a)anthracene
Concen: 0.263 ng/ul m
RT: 21.240 min Scan# 4098
Delta R.T. -0.021 min
Lab File: BM044947.D
Acq: 05 Apr 2024 13:44

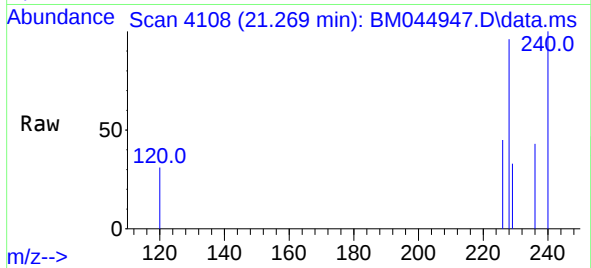
Tgt Ion:228 Resp: 8335
Ion Ratio Lower Upper
228 100
229 24.2 16.4 24.6
226 32.4 22.3 33.5





#22
Chrysene
Concen: 0.109 ng/ul m
RT: 21.269 min Scan# 4119
Delta R.T. -0.041 min
Lab File: BM044947.D
Acq: 05 Apr 2024 13:44

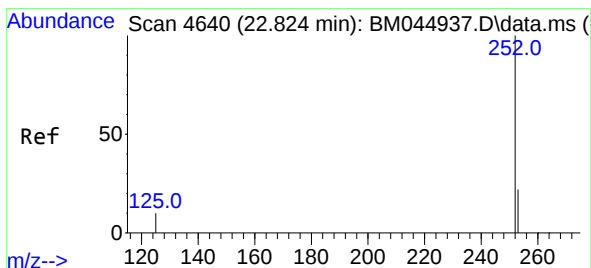
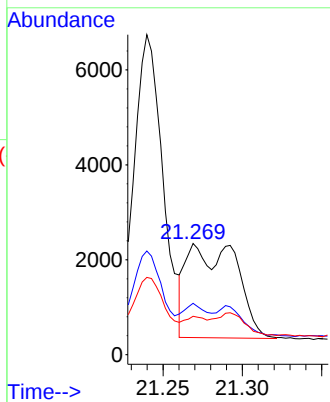
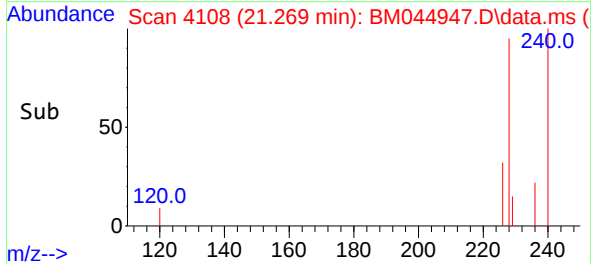
Instrument :
BNA_M
ClientSampleId :
C0AJ9



Tgt Ion:228 Resp: 4330
Ion Ratio Lower Upper
228 100
226 46.3 24.9 37.3#
229 34.6 15.9 23.9#

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/06/2024



#24
Benzo(b)fluoranthene
Concen: 0.040 ng/ul m
RT: 22.815 min Scan# 4637
Delta R.T. -0.021 min
Lab File: BM044947.D
Acq: 05 Apr 2024 13:44

Tgt Ion:252 Resp: 1255
Ion Ratio Lower Upper
252 100
253 92.1 0.0 56.4#
125 66.9 0.0 33.4#

