

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043469.D
 Acq On : 20 Dec 2023 18:17
 Operator : MA/JU
 Sample : PB157723BL
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK723

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/22/2023

Quant Time: Dec 20 23:14:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 23:32:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	5880	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	18023	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.611	164	8899	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	17153m	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	10711m	0.400	ng/ul	0.00
23) Perylene-d12	23.948	264	13494m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.377	96	49366	6.645	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	7387	0.289	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	11149m	0.291	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.834	128	10157	0.187	ng/ul	97
7) 2-Methylnaphthalene	12.451	142	5461	0.156	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	2745	0.078	ng/ul	99
11) Acenaphthene	14.675	153	10887	0.305	ng/ul	98
12) Fluorene	15.661	166	11126	0.275	ng/ul	97
15) Phenanthrene	17.396	178	42100	0.736	ng/ul	100
16) Anthracene	17.485	178	6044	0.116	ng/ul#	95
20) Pyrene	19.771	202	15529	0.259	ng/ul	95

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

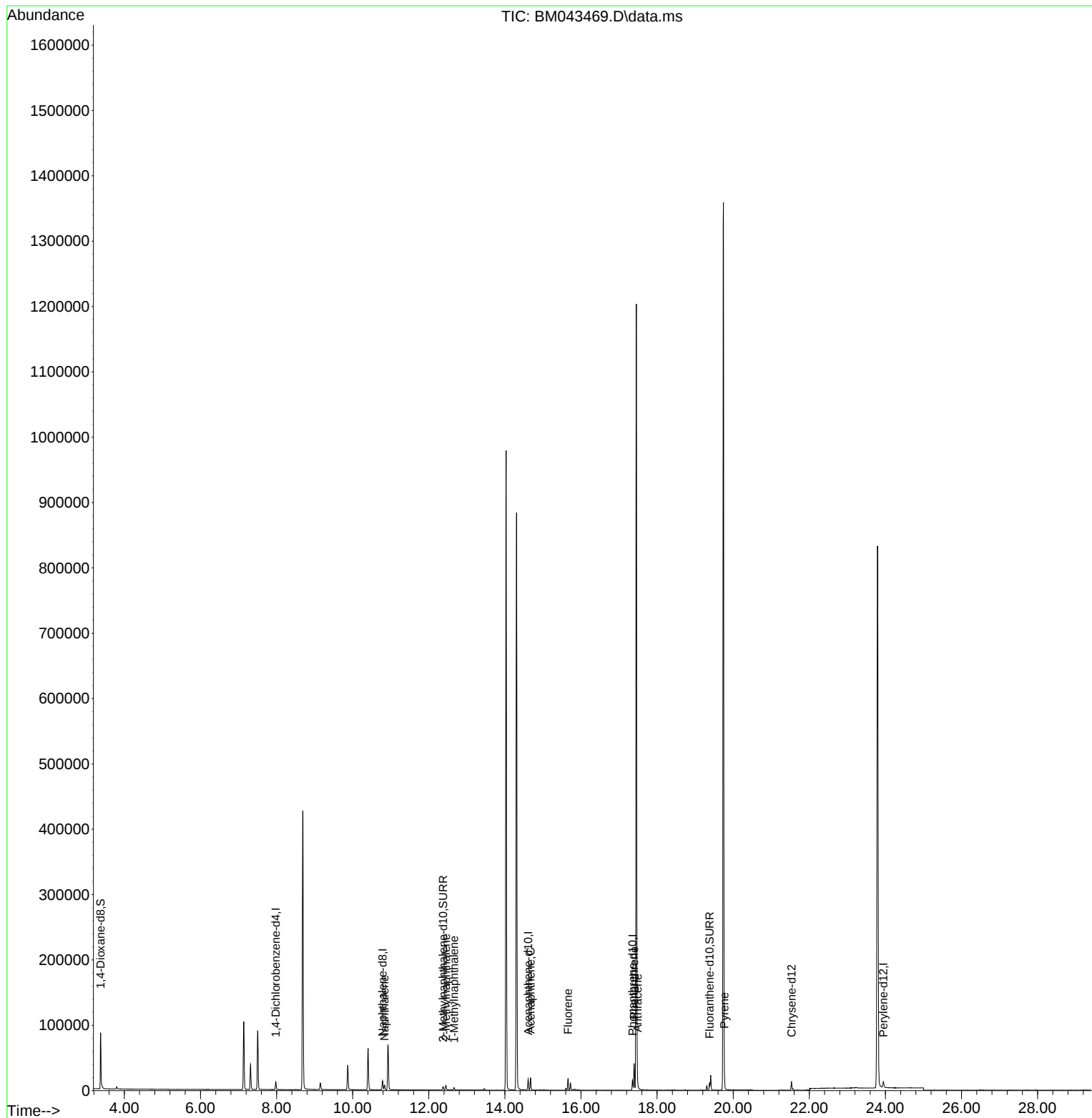
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043469.D
Acq On : 20 Dec 2023 18:17
Operator : MA/JU
Sample : PB157723BL
Misc :
ALS Vial : 47 Sample Multiplier: 1

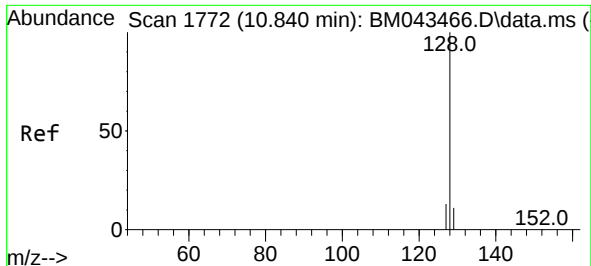
Instrument :
BNA_M
ClientSampleId :
SBLK723

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/22/2023

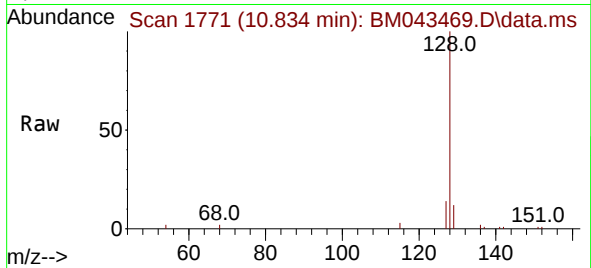
Quant Time: Dec 20 23:14:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.187 ng/ul
RT: 10.834 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BM043469.D
Acq: 20 Dec 2023 18:17

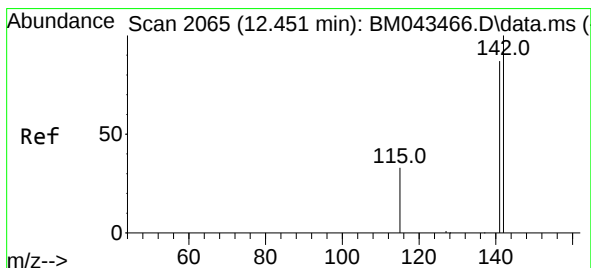
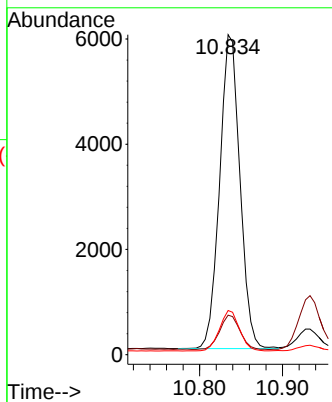
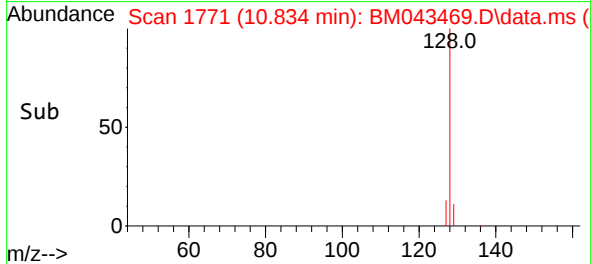
Instrument :
BNA_M
ClientSampleId :
SBLK723



Tgt Ion:128 Resp: 1015
Ion Ratio Lower Upper
128 100
129 12.3 9.0 13.4
127 13.8 10.3 15.5

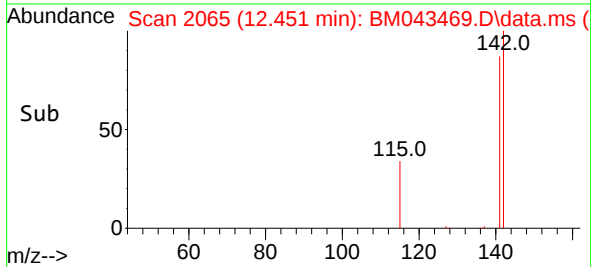
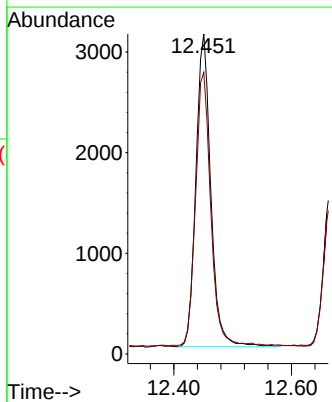
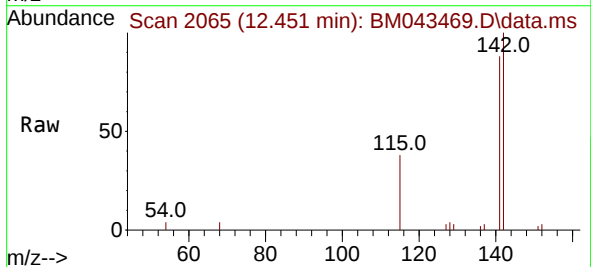
Manual Integrations
APPROVED

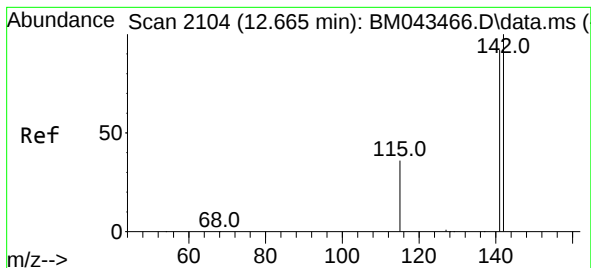
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/22/2023



#7
2-Methylnaphthalene
Concen: 0.156 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BM043469.D
Acq: 20 Dec 2023 18:17

Tgt Ion:142 Resp: 5461
Ion Ratio Lower Upper
142 100
141 89.0 70.9 106.3





#8

1-Methylnaphthalene

Concen: 0.078 ng/ul

RT: 12.665 min Scan# 2104

Delta R.T. 0.000 min

Lab File: BM043469.D

Acq: 20 Dec 2023 18:17

Instrument :

BNA_M

ClientSampleId :

SBLK723

Tgt Ion:142 Resp: 2745

Ion Ratio Lower Upper

142 100

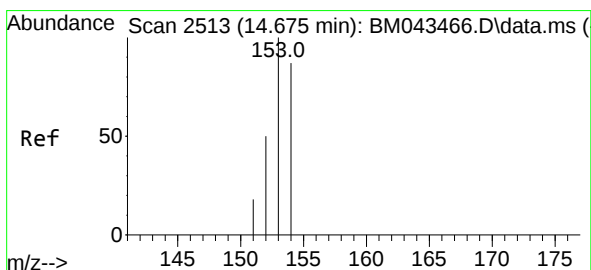
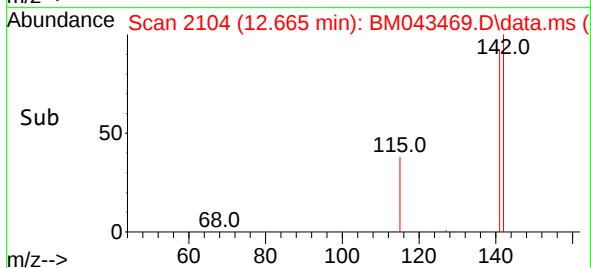
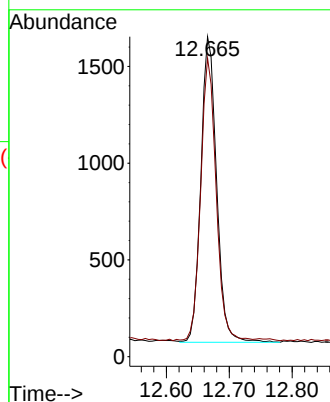
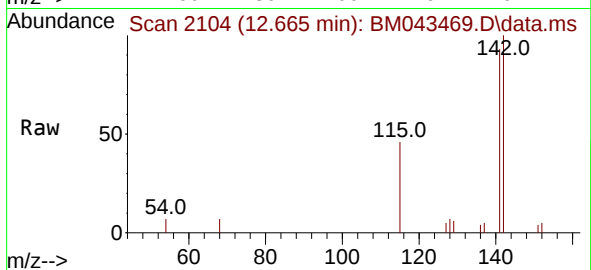
141 90.8 73.7 110.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/22/2023



#11

Acenaphthene

Concen: 0.305 ng/ul

RT: 14.675 min Scan# 2513

Delta R.T. -0.005 min

Lab File: BM043469.D

Acq: 20 Dec 2023 18:17

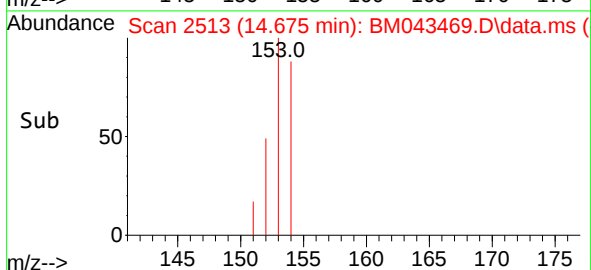
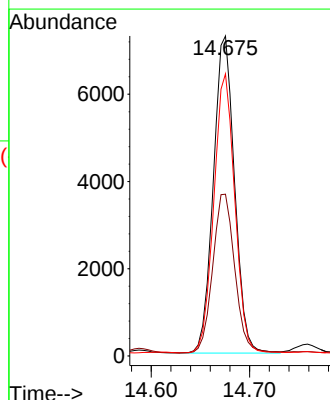
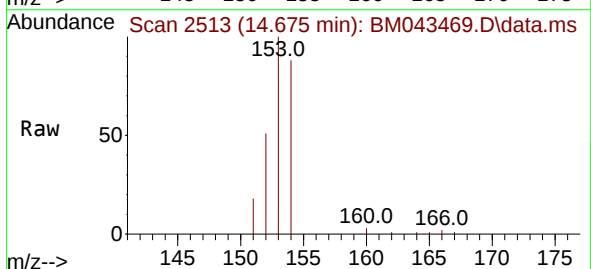
Tgt Ion:153 Resp: 10887

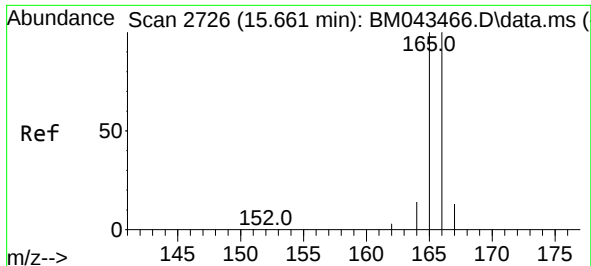
Ion Ratio Lower Upper

153 100

152 50.6 42.1 63.1

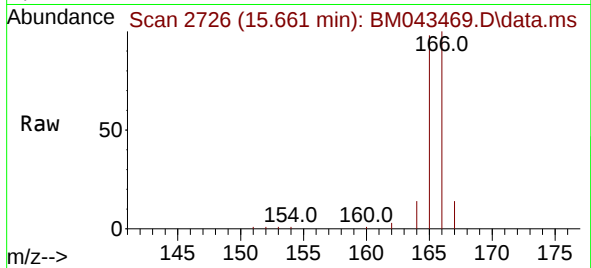
154 88.1 71.3 106.9





#12
Fluorene
Concen: 0.275 ng/ul
RT: 15.661 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BM043469.D
Acq: 20 Dec 2023 18:17

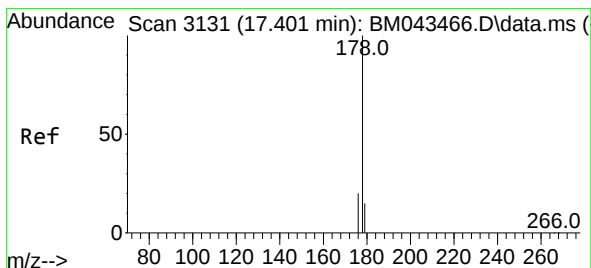
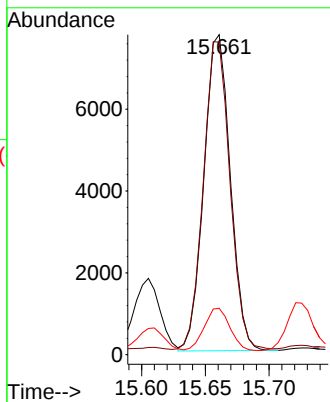
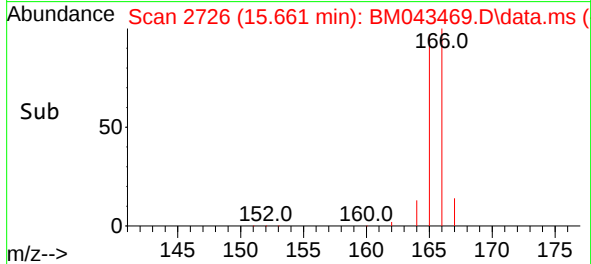
Instrument :
BNA_M
ClientSampleId :
SBLK723



Tgt Ion:166 Resp: 11120
Ion Ratio Lower Upper
166 100
165 97.7 80.3 120.5
167 14.5 10.8 16.2

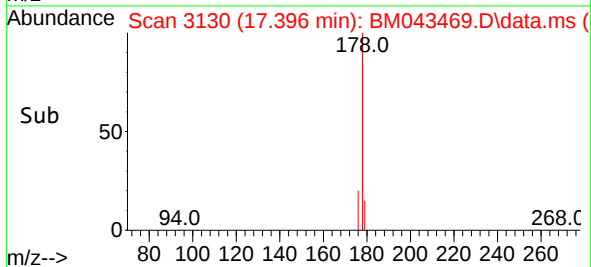
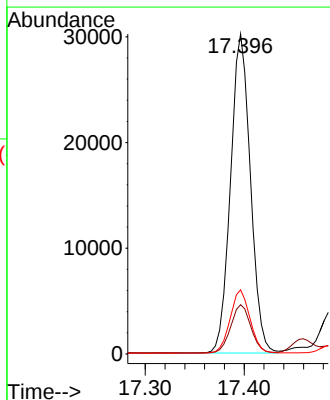
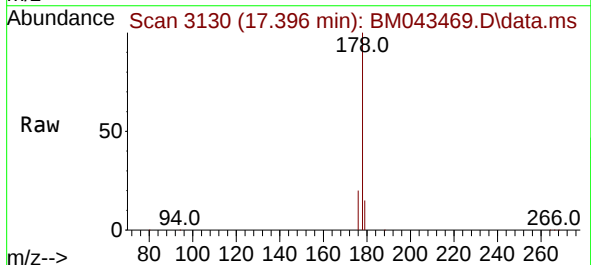
Manual Integrations
APPROVED

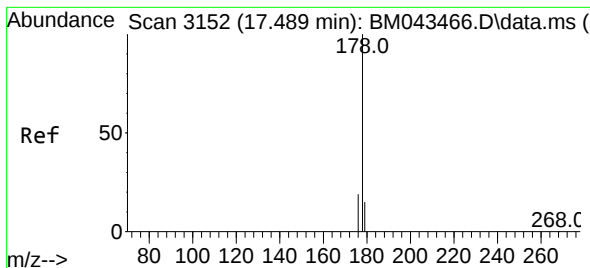
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/22/2023



#15
Phenanthrene
Concen: 0.736 ng/ul
RT: 17.396 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BM043469.D
Acq: 20 Dec 2023 18:17

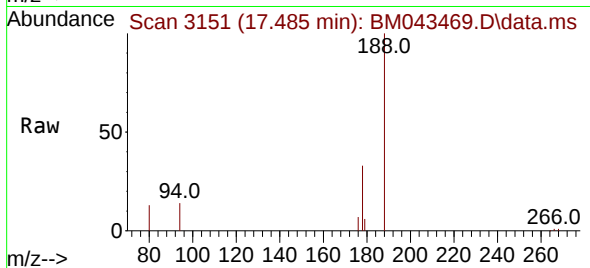
Tgt Ion:178 Resp: 42100
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 20.0 16.2 24.2





#16
 Anthracene
 Concen: 0.116 ng/ul
 RT: 17.485 min Scan# 3152
 Delta R.T. -0.008 min
 Lab File: BM043469.D
 Acq: 20 Dec 2023 18:17

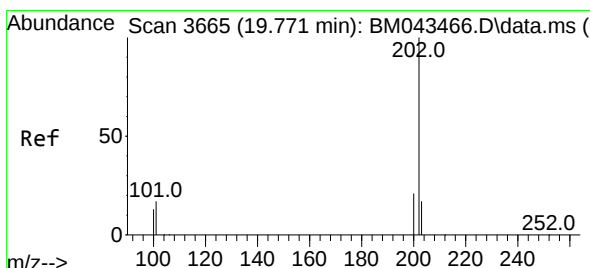
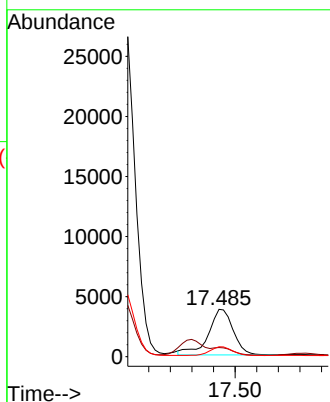
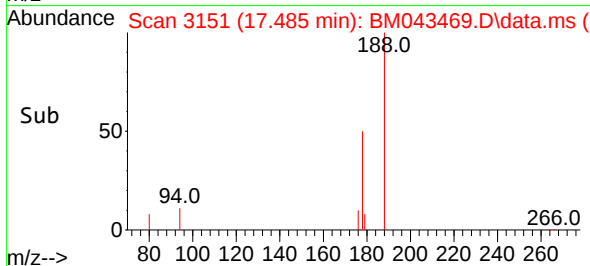
Instrument :
 BNA_M
 ClientSampleId :
 SBLK723



Tgt Ion:178 Resp: 6044
 Ion Ratio Lower Upper
 178 100
 179 19.1 12.6 18.8
 176 20.9 15.6 23.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/22/2023



#20
 Pyrene
 Concen: 0.259 ng/ul
 RT: 19.771 min Scan# 3665
 Delta R.T. -0.005 min
 Lab File: BM043469.D
 Acq: 20 Dec 2023 18:17

Tgt Ion:202 Resp: 15529
 Ion Ratio Lower Upper
 202 100
 101 17.5 12.7 19.1
 100 14.7 9.8 14.8

