

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
 Data File : BM040255.D
 Acq On : 15 Jun 2023 12:30
 Operator : MA/JU
 Sample : 03088-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFR1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 15 23:52:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	10502	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	38275	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	20061	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	37678	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	22884	0.400	ng/ul	0.00
23) Perylene-d12	23.961	264	21171	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	5007	0.386	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	1241	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	1836	0.032	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.833	128	2111	0.023	ng/ul#	85
7) 2-Methylnaphthalene	12.439	142	1920	0.034	ng/ul	98
8) 1-Methylnaphthalene	12.659	142	1497	0.025	ng/ul	92
15) Phenanthrene	17.396	178	16907	0.171	ng/ul	98
16) Anthracene	17.484	178	2361	0.028	ng/ul#	78
19) Fluoranthene	19.407	202	36850	0.473	ng/ul	98
20) Pyrene	19.770	202	22663	0.280	ng/ul	97
21) Benzo(a)anthracene	21.518	228	17339	0.257	ng/ul	99
22) Chrysene	21.570	228	23105	0.324	ng/ul	98
24) Benzo(b)fluoranthene	23.219	252	40374	0.517	ng/ul	89
25) Benzo(k)fluoranthene	23.266	252	14717m	0.200	ng/ul	
26) Benzo(a)pyrene	23.850	252	8862	0.138	ng/ul#	52
27) Indeno(1,2,3-cd)pyrene	26.477	276	12566	0.155	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.491	278	5508	0.085	ng/ul#	65

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

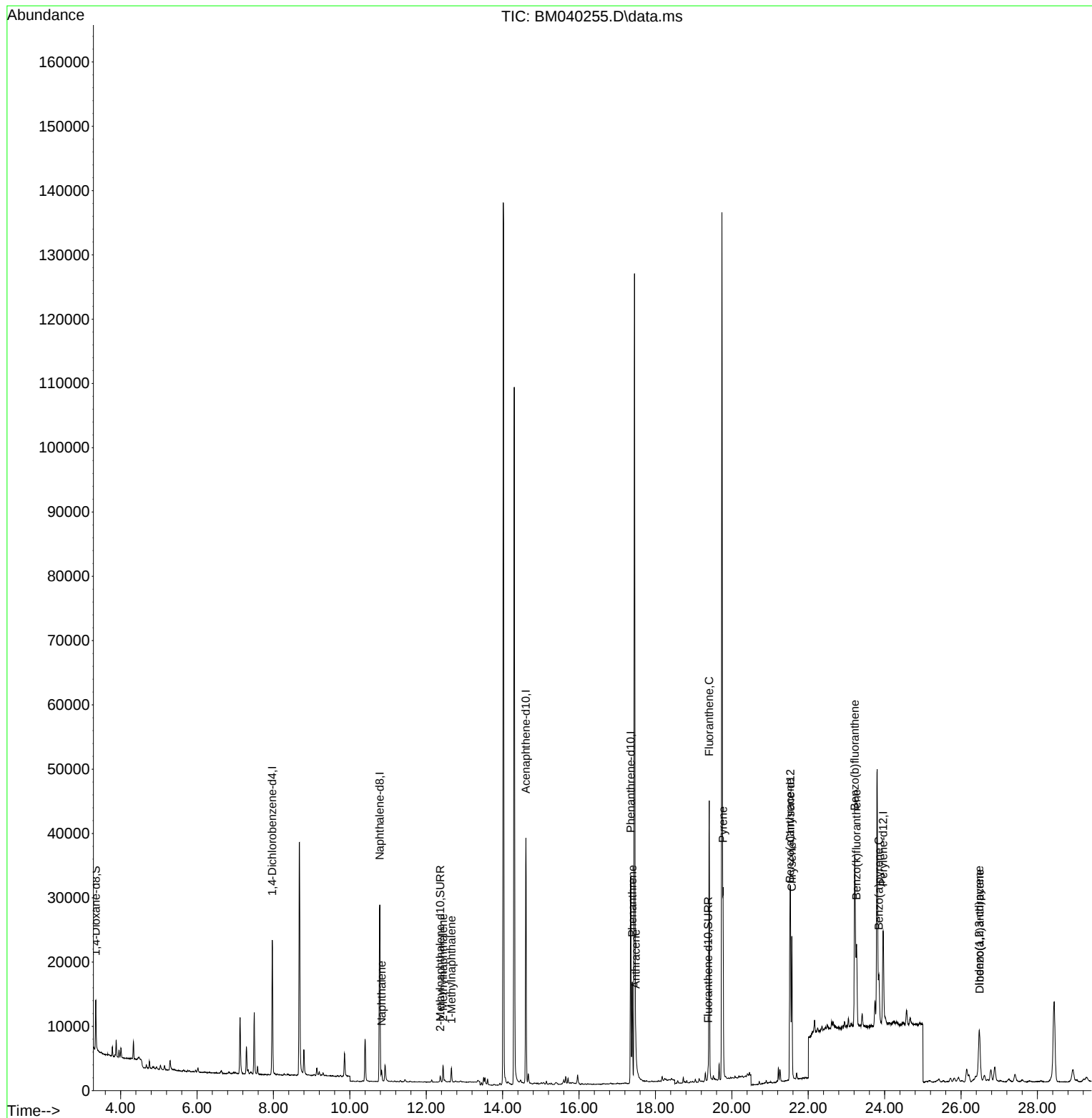
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
Data File : BM040255.D
Acq On : 15 Jun 2023 12:30
Operator : MA/JU
Sample : 03088-05DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

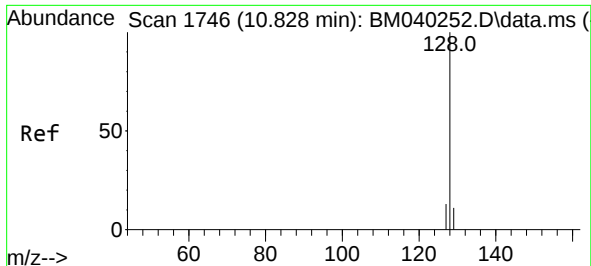
Instrument :
BNA_M
ClientSampleId :
DCFR1DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

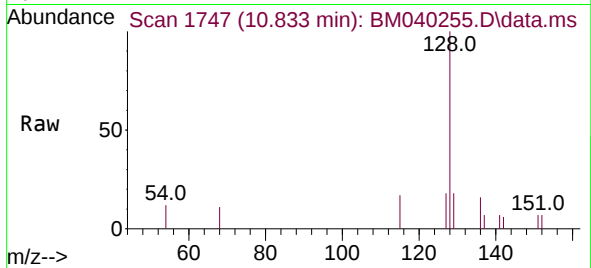
Quant Time: Jun 15 23:52:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.833 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BM040255.D
Acq: 15 Jun 2023 12:30

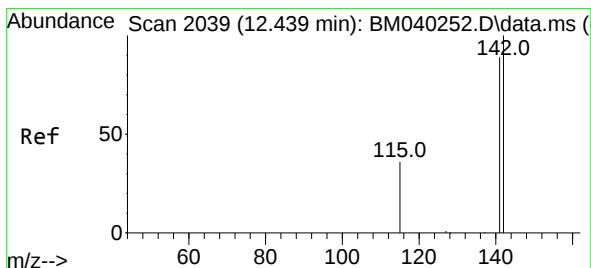
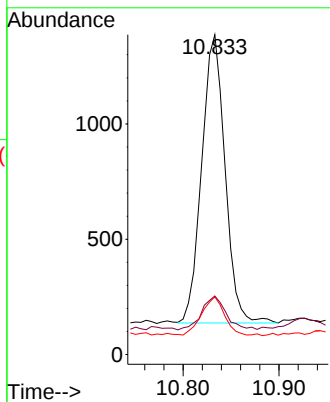
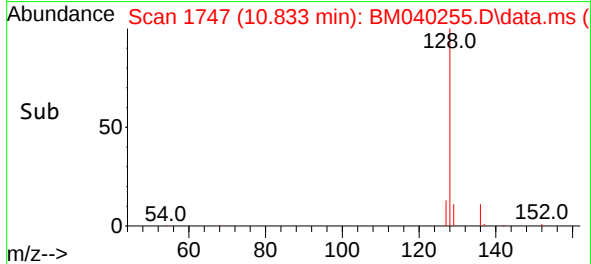
Instrument :
BNA_M
ClientSampleId :
DCFR1DL



Tgt Ion:128 Resp: 211
Ion Ratio Lower Upper
128 100
129 18.3 9.1 13.7
127 18.0 10.4 15.6

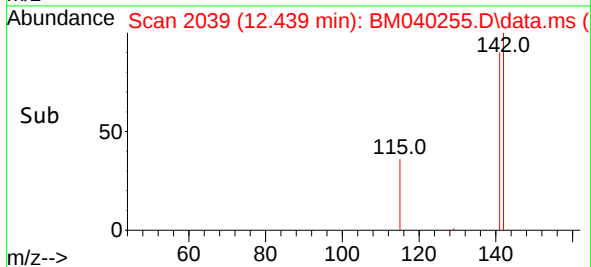
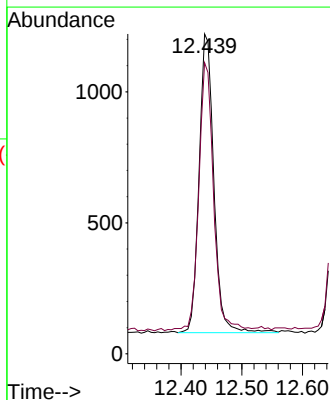
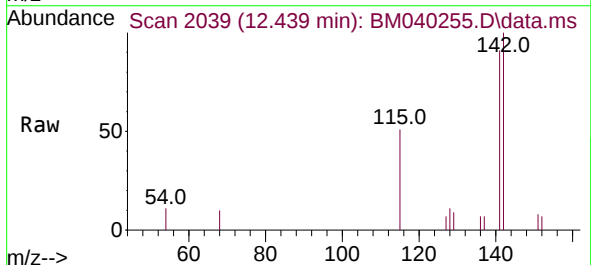
Manual Integrations
APPROVED

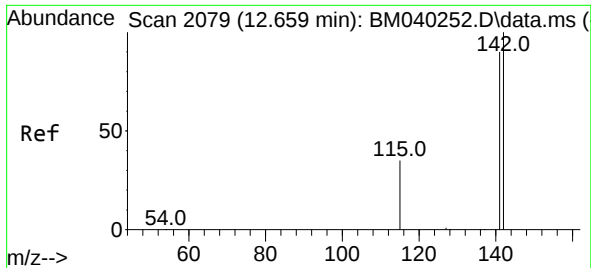
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#7
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BM040255.D
Acq: 15 Jun 2023 12:30

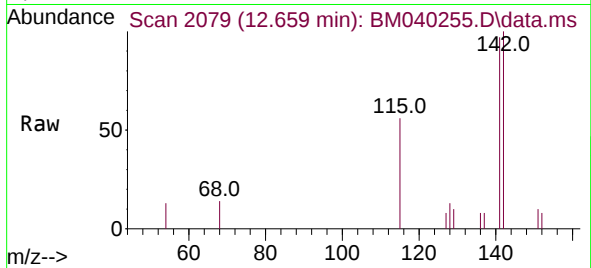
Tgt Ion:142 Resp: 1920
Ion Ratio Lower Upper
142 100
141 90.0 70.6 106.0





#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.659 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BM040255.D
Acq: 15 Jun 2023 12:30

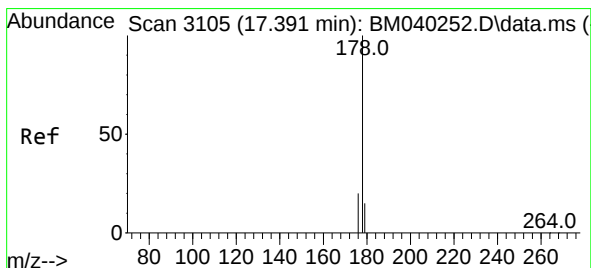
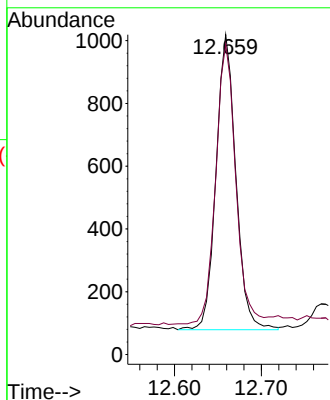
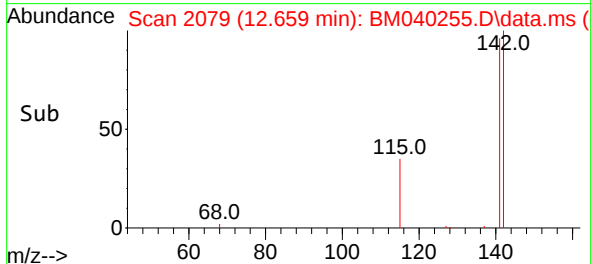
Instrument :
BNA_M
ClientSampleId :
DCFR1DL



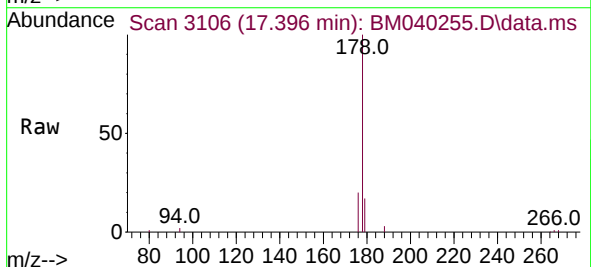
Tgt Ion:142 Resp: 149
Ion Ratio Lower Upper
142 100
141 98.5 73.0 109.4

Manual Integrations
APPROVED

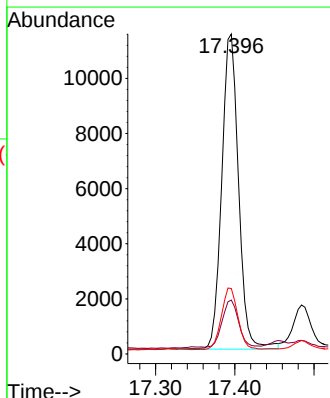
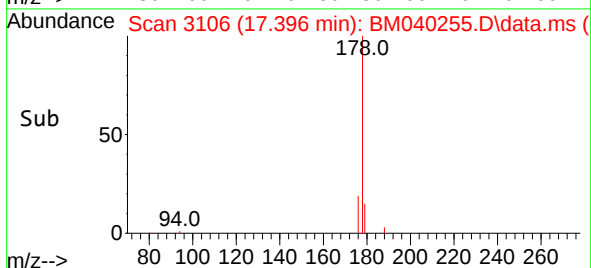
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

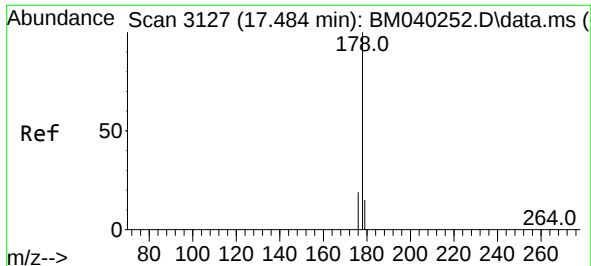


#15
Phenanthrene
Concen: 0.171 ng/ul
RT: 17.396 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BM040255.D
Acq: 15 Jun 2023 12:30



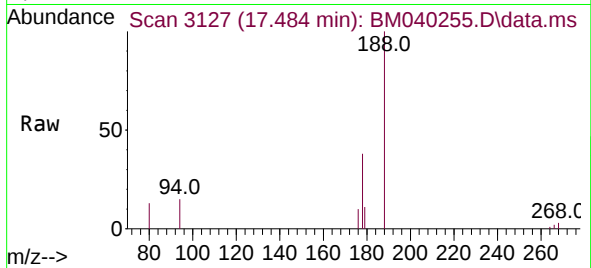
Tgt Ion:178 Resp: 16907
Ion Ratio Lower Upper
178 100
179 16.8 12.6 19.0
176 20.5 16.1 24.1





#16
 Anthracene
 Concen: 0.028 ng/ul
 RT: 17.484 min Scan# 3127
 Delta R.T. -0.004 min
 Lab File: BM040255.D
 Acq: 15 Jun 2023 12:30

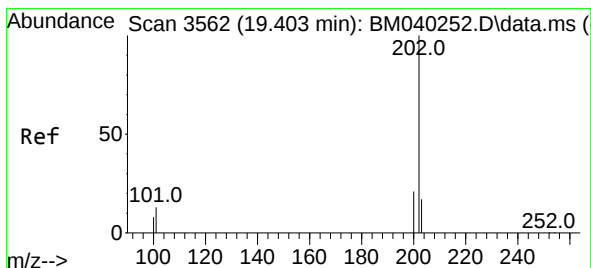
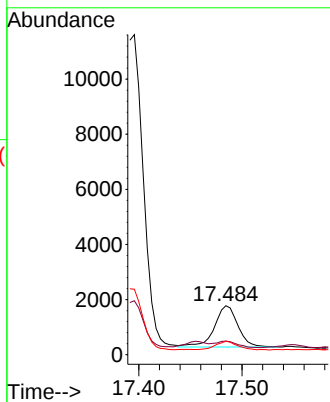
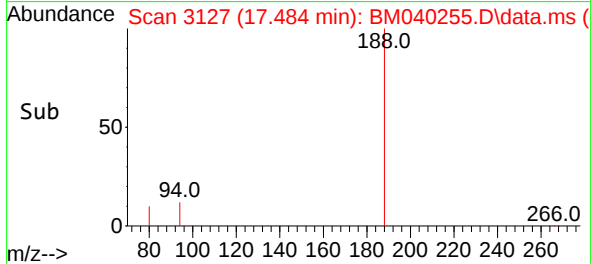
Instrument :
 BNA_M
 ClientSampleId :
 DCFR1DL



Tgt Ion:178 Resp: 236
 Ion Ratio Lower Upper
 178 100
 179 27.8 13.0 19.4
 176 27.3 15.5 23.3

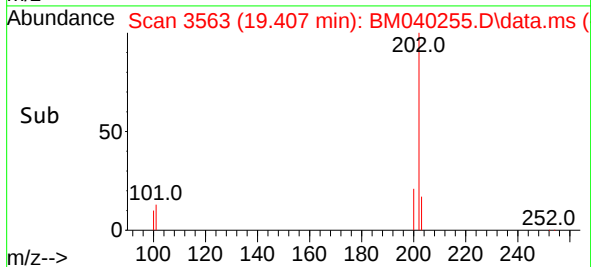
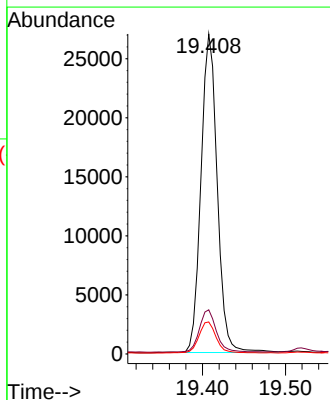
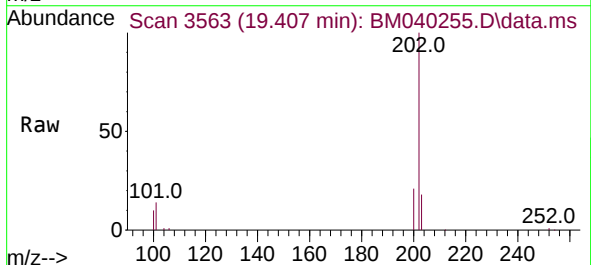
Manual Integrations
 APPROVED

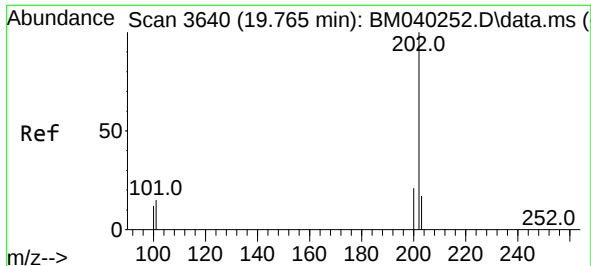
Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023



#19
 Fluoranthene
 Concen: 0.473 ng/ul
 RT: 19.407 min Scan# 3563
 Delta R.T. 0.000 min
 Lab File: BM040255.D
 Acq: 15 Jun 2023 12:30

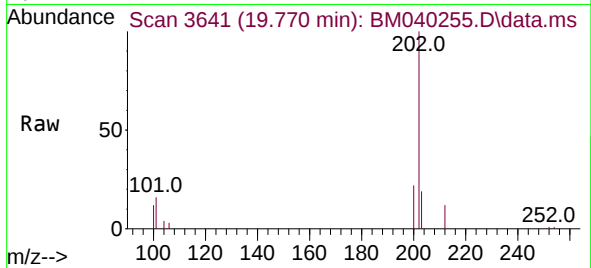
Tgt Ion:202 Resp: 36850
 Ion Ratio Lower Upper
 202 100
 101 13.8 10.2 15.4
 100 10.0 7.6 11.4





#20
Pyrene
Concen: 0.280 ng/u1
RT: 19.770 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM040255.D
Acq: 15 Jun 2023 12:30

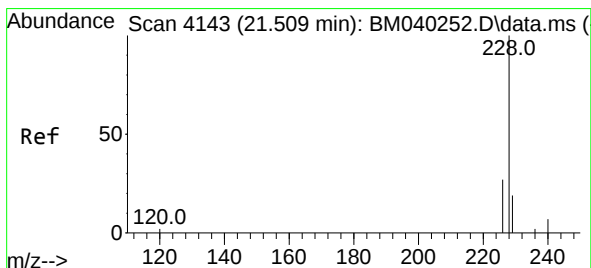
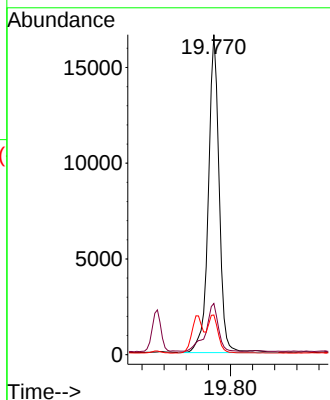
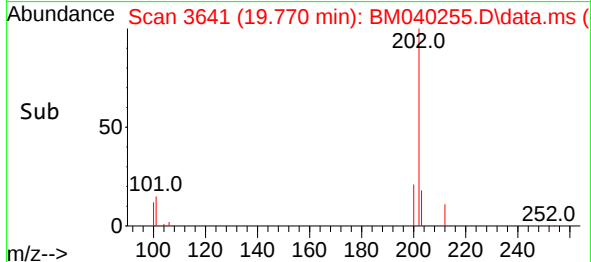
Instrument :
BNA_M
ClientSampleId :
DCFR1DL



Tgt Ion:202 Resp: 2266
Ion Ratio Lower Upper
202 100
101 16.0 11.8 17.8
100 12.4 9.3 13.9

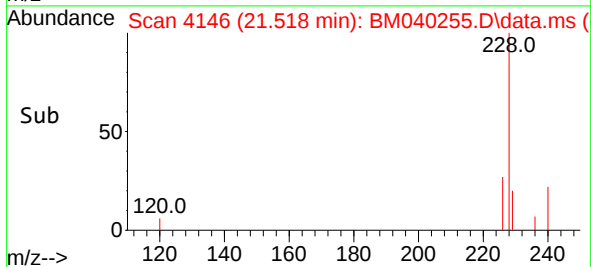
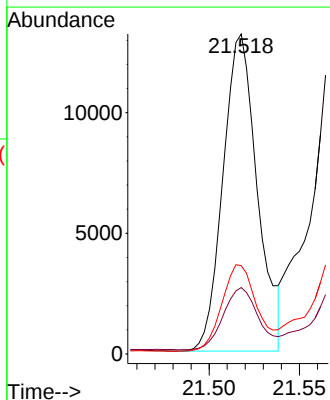
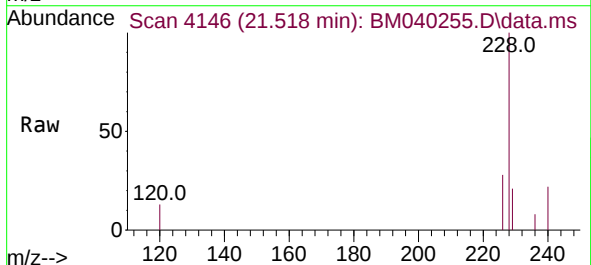
Manual Integrations
APPROVED

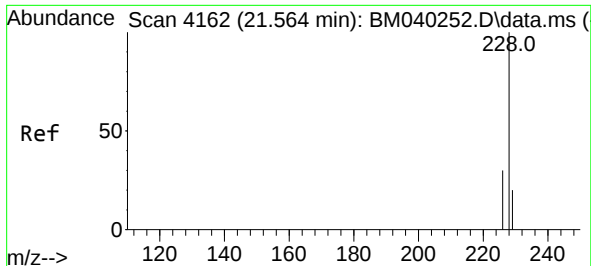
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#21
Benzo(a)anthracene
Concen: 0.257 ng/u1
RT: 21.518 min Scan# 4146
Delta R.T. 0.003 min
Lab File: BM040255.D
Acq: 15 Jun 2023 12:30

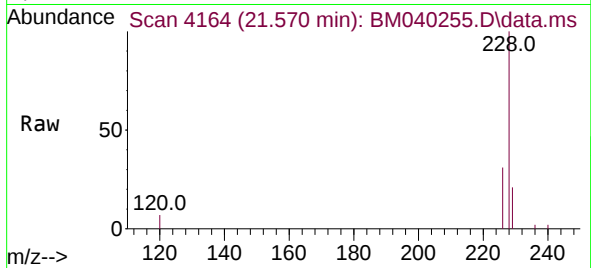
Tgt Ion:228 Resp: 17339
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 27.6 22.0 33.0





#22
Chrysene
Concen: 0.324 ng/ul
RT: 21.570 min Scan# 4164
Delta R.T. 0.000 min
Lab File: BM040255.D
Acq: 15 Jun 2023 12:30

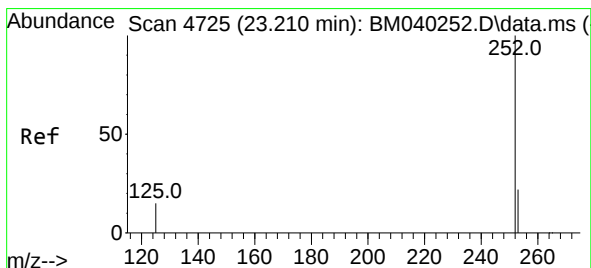
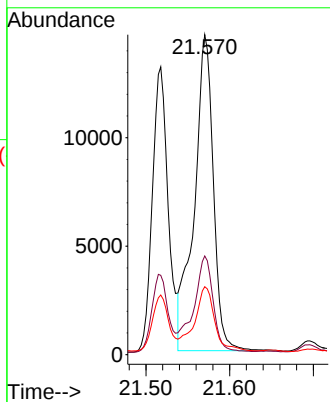
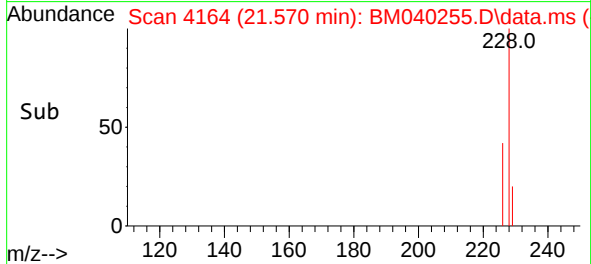
Instrument :
BNA_M
ClientSampleId :
DCFR1DL



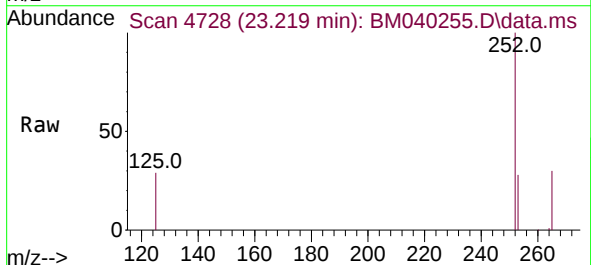
Tgt Ion:228 Resp: 2310
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 21.3 15.7 23.5

Manual Integrations
APPROVED

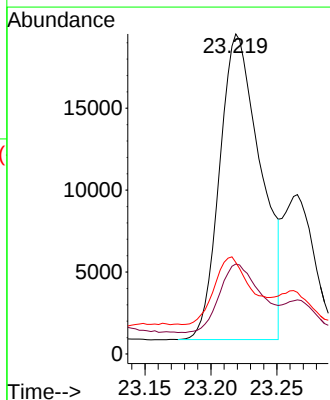
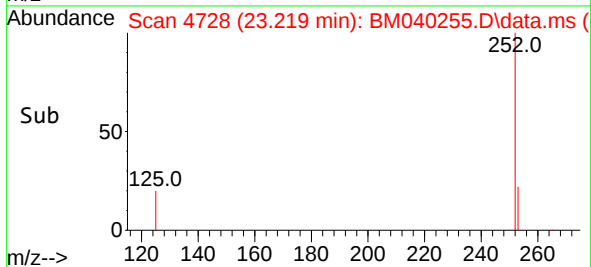
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

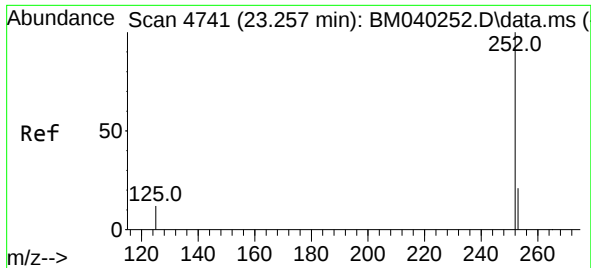


#24
Benzo(b)fluoranthene
Concen: 0.517 ng/ul
RT: 23.219 min Scan# 4728
Delta R.T. 0.003 min
Lab File: BM040255.D
Acq: 15 Jun 2023 12:30



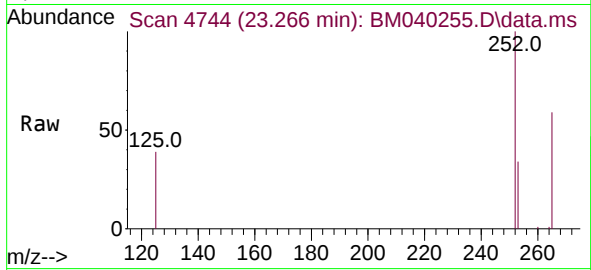
Tgt Ion:252 Resp: 40374
Ion Ratio Lower Upper
252 100
253 28.1 0.0 52.4
125 28.6 0.0 38.4





#25
Benzo(k)fluoranthene
Concen: 0.200 ng/ul m
RT: 23.266 min Scan# 4741
Delta R.T. 0.000 min
Lab File: BM040255.D
Acq: 15 Jun 2023 12:30

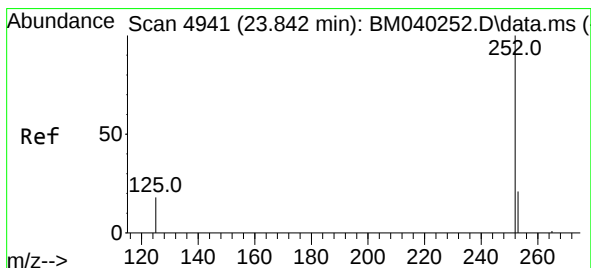
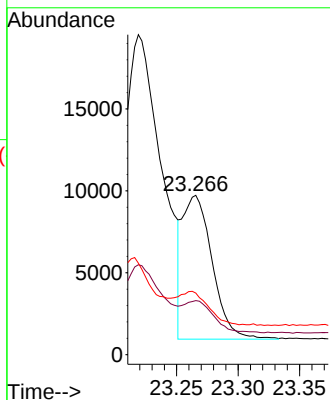
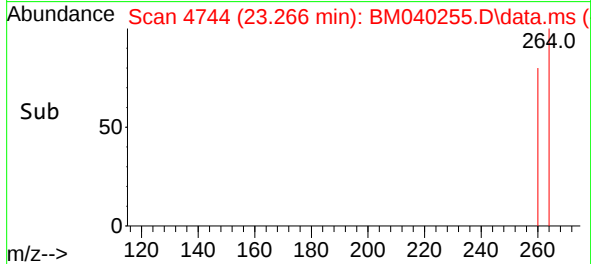
Instrument :
BNA_M
ClientSampleId :
DCFR1DL



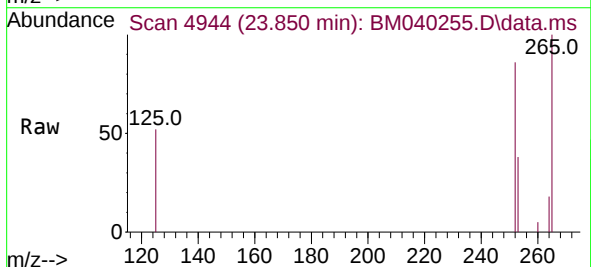
Tgt Ion:252 Resp: 1471
Ion Ratio Lower Upper
252 100
253 33.9 21.5 32.3#
125 38.6 14.7 22.1#

Manual Integrations
APPROVED

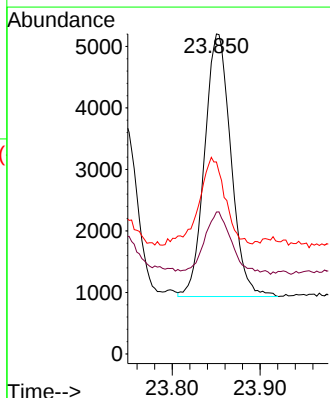
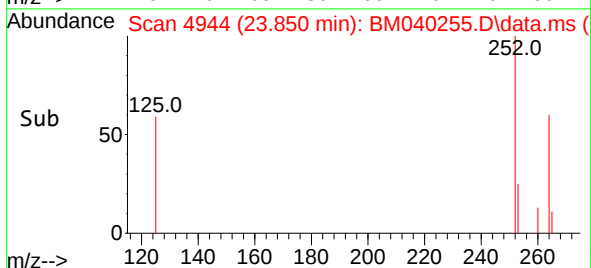
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

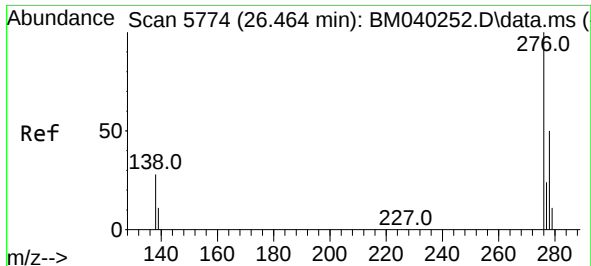


#26
Benzo(a)pyrene
Concen: 0.138 ng/ul
RT: 23.850 min Scan# 4944
Delta R.T. 0.000 min
Lab File: BM040255.D
Acq: 15 Jun 2023 12:30



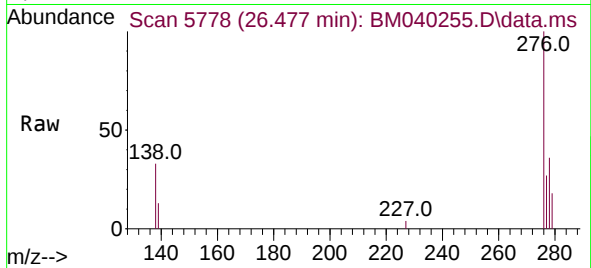
Tgt Ion:252 Resp: 8862
Ion Ratio Lower Upper
252 100
253 44.4 23.4 35.0#
125 60.0 19.7 29.5#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.155 ng/ul
 RT: 26.477 min Scan# 5778
 Delta R.T. 0.000 min
 Lab File: BM040255.D
 Acq: 15 Jun 2023 12:30

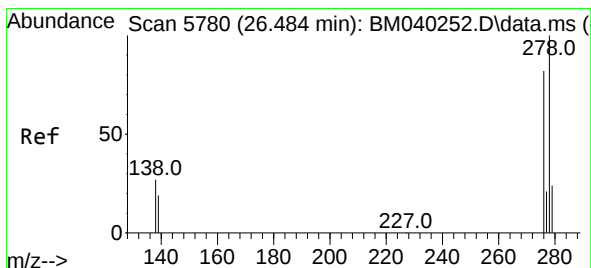
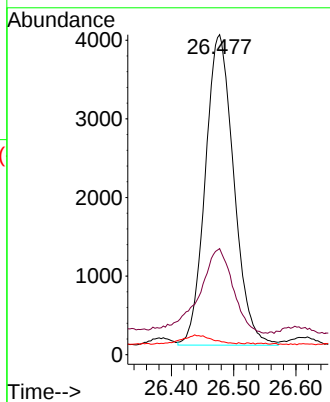
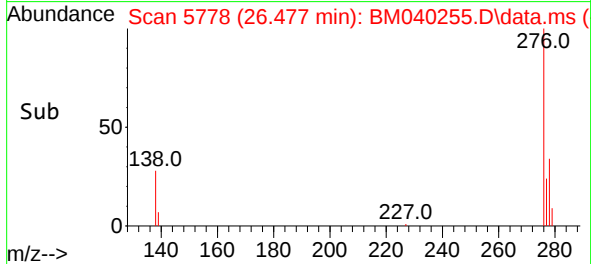
Instrument :
 BNA_M
 ClientSampleId :
 DCFR1DL



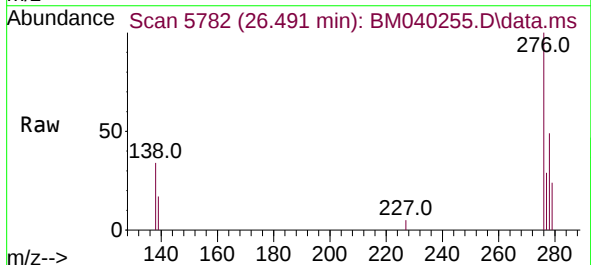
Tgt Ion:276 Resp: 12560
 Ion Ratio Lower Upper
 276 100
 138 34.6 23.3 34.9
 227 0.0 0.1 0.1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023



#28
 Dibenzo(a,h)anthracene
 Concen: 0.085 ng/ul
 RT: 26.491 min Scan# 5782
 Delta R.T. -0.007 min
 Lab File: BM040255.D
 Acq: 15 Jun 2023 12:30



Tgt Ion:278 Resp: 5508
 Ion Ratio Lower Upper
 278 100
 139 34.2 16.4 24.6#
 279 47.9 21.8 32.8#

