

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033110.D
 Acq On : 30 Jul 2024 17:28
 Operator : MA/JU
 Sample : P3329-01DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E00DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 23:57:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.507	152	2057	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.262	136	6987	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.138	164	5694	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.903	188	11342	0.400	ng/ul	-0.04
17) Chrysene-d12	21.128	240	11802	0.400	ng/ul	-0.02
23) Perylene-d12	23.308	264	11837	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.060	96	639	0.246	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.862	152	187	0.016	ng/ul	-0.07
18) Fluoranthene-d10	18.949	212	545	0.016	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.311	128	21403	1.193	ng/ul	94
7) 2-Methylnaphthalene	11.939	142	14810	1.218	ng/ul	97
8) 1-Methylnaphthalene	12.154	142	4675	0.356	ng/ul	99
10) Acenaphthylene	13.856	152	209360	8.984	ng/ul	97
11) Acenaphthene	14.203	153	7643	0.436	ng/ul	96
12) Fluorene	15.198	166	51028	2.498	ng/ul	99
15) Phenanthrene	16.945	178	26382	0.867	ng/ul#	90
16) Anthracene	17.038	178	185381	6.778	ng/ul	96
19) Fluoranthene	18.981	202	24893	0.641	ng/ul	97
20) Pyrene	19.348	202	11285	0.271	ng/ul#	94
21) Benzo(a)anthracene	21.113	228	28407	0.706	ng/ul#	74
22) Chrysene	21.166	228	4290m	0.091	ng/ul	
24) Benzo(b)fluoranthene	22.662	252	3951m	0.114	ng/ul	
25) Benzo(k)fluoranthene	22.694	252	1799m	0.043	ng/ul	
26) Benzo(a)pyrene	23.220	252	3989	0.123	ng/ul#	69

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

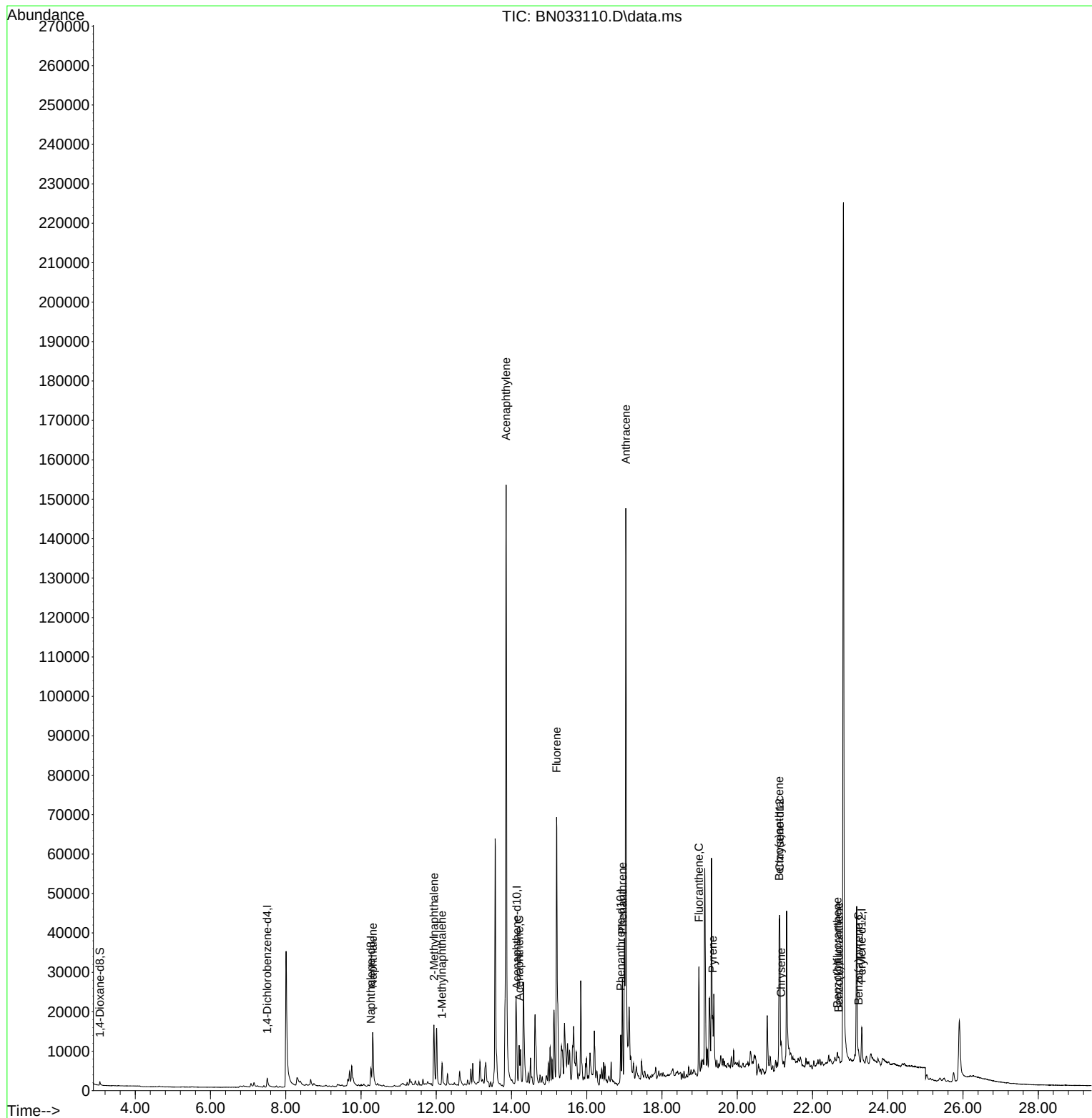
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033110.D
Acq On : 30 Jul 2024 17:28
Operator : MA/JU
Sample : P3329-01DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

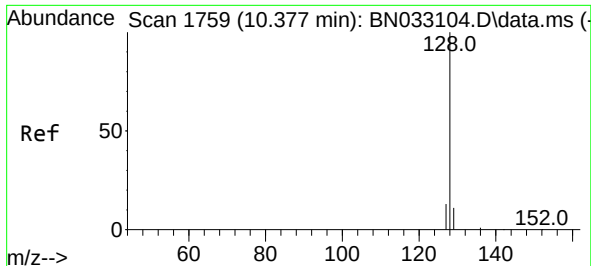
Instrument :
BNA_N
ClientSampleId :
F7E00DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

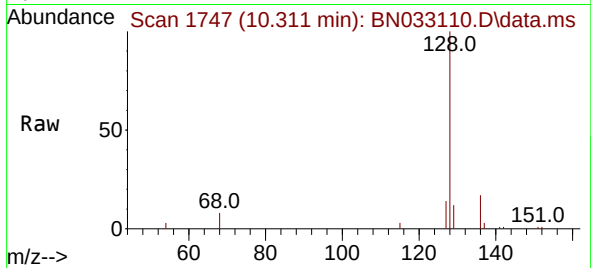
Quant Time: Jul 30 23:57:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.193 ng/ul
RT: 10.311 min Scan# 11
Delta R.T. -0.066 min
Lab File: BN033110.D
Acq: 30 Jul 2024 17:28

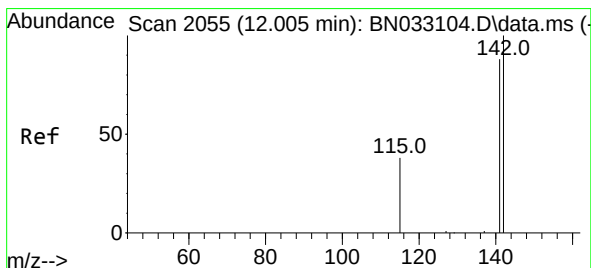
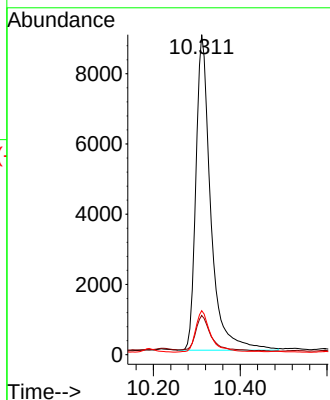
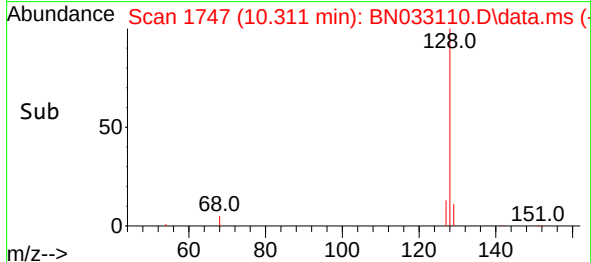
Instrument :
BNA_N
ClientSampleId :
F7E00DL



Tgt Ion:128 Resp: 2140
Ion Ratio Lower Upper
128 100
129 12.2 12.0 18.0
127 13.8 12.7 19.1

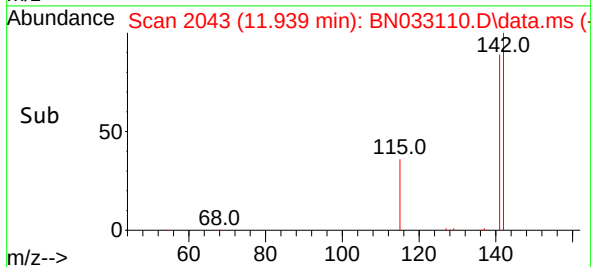
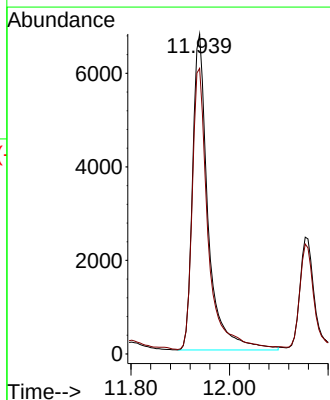
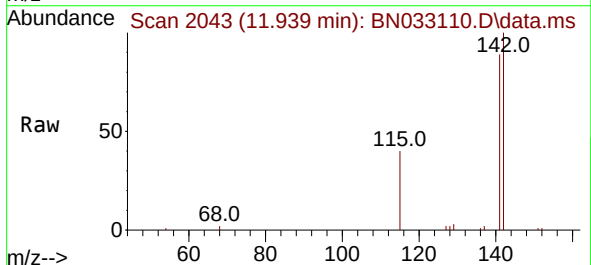
Manual Integrations
APPROVED

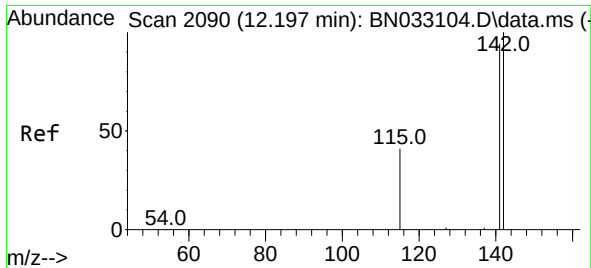
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#7
2-Methylnaphthalene
Concen: 1.218 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.066 min
Lab File: BN033110.D
Acq: 30 Jul 2024 17:28

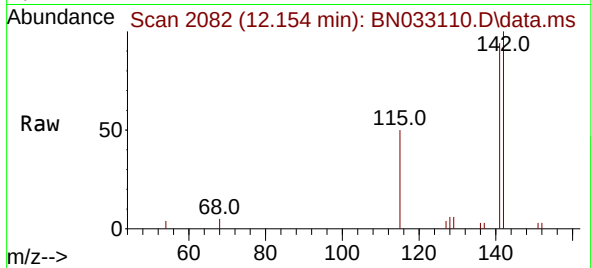
Tgt Ion:142 Resp: 14810
Ion Ratio Lower Upper
142 100
141 90.7 75.2 112.8





#8
1-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.154 min Scan# 2090
Delta R.T. -0.044 min
Lab File: BN033110.D
Acq: 30 Jul 2024 17:28

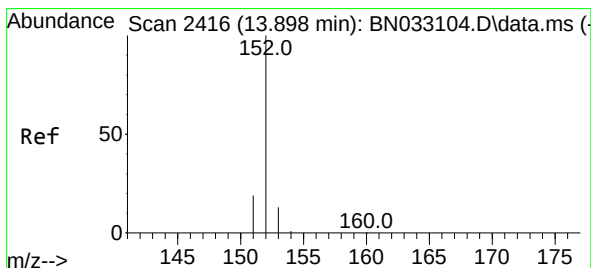
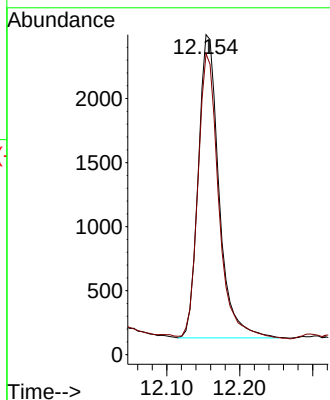
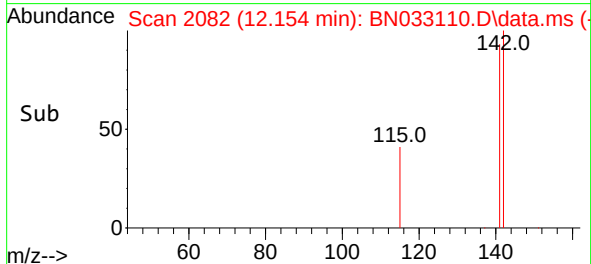
Instrument :
BNA_N
ClientSampleId :
F7E00DL



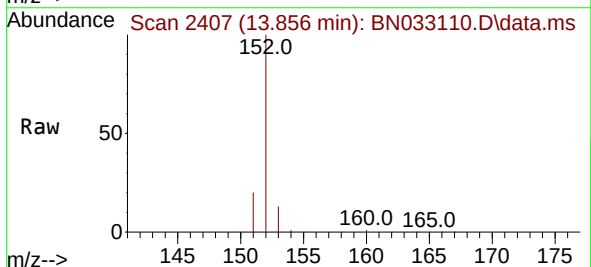
Tgt Ion:142 Resp: 4679
Ion Ratio Lower Upper
142 100
141 93.9 74.3 111.5

Manual Integrations
APPROVED

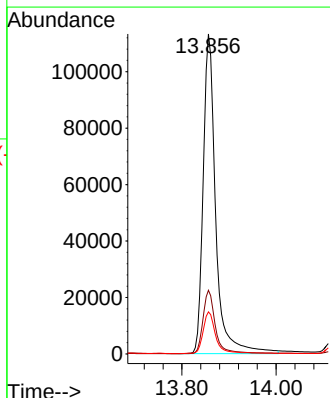
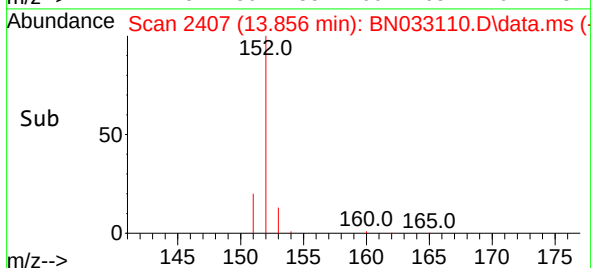
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

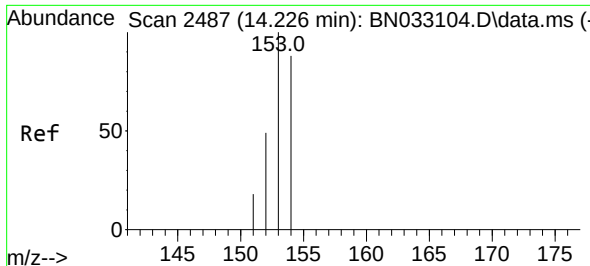


#10
Acenaphthylene
Concen: 8.984 ng/ul
RT: 13.856 min Scan# 2407
Delta R.T. -0.041 min
Lab File: BN033110.D
Acq: 30 Jul 2024 17:28



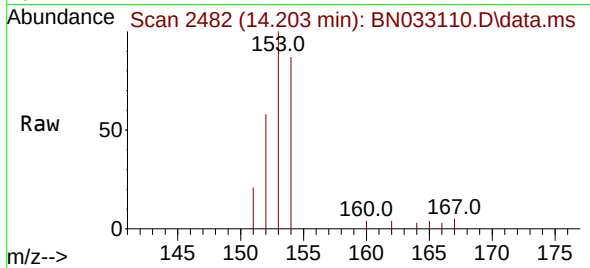
Tgt Ion:152 Resp: 209360
Ion Ratio Lower Upper
152 100
151 19.9 16.8 25.2
153 13.1 11.9 17.9





#11
Acenaphthene
Concen: 0.436 ng/uI
RT: 14.203 min Scan# 2482
Delta R.T. -0.023 min
Lab File: BN033110.D
Acq: 30 Jul 2024 17:28

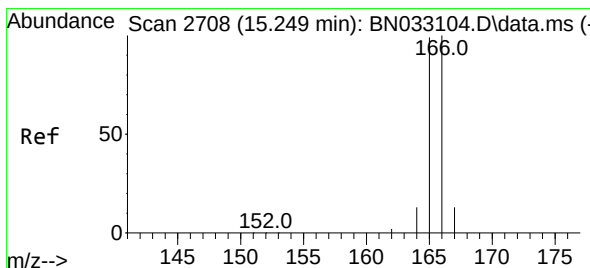
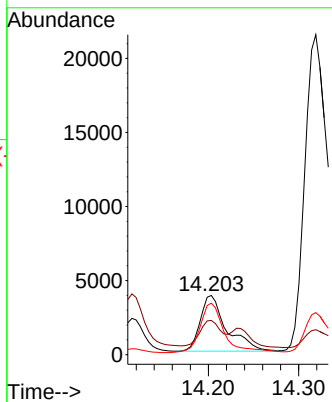
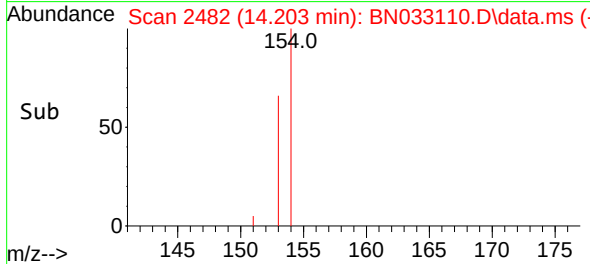
Instrument :
BNA_N
ClientSampleId :
F7E00DL



Tgt Ion:153 Resp: 764
Ion Ratio Lower Upper
153 100
152 57.9 40.0 60.0
154 87.2 70.1 105.1

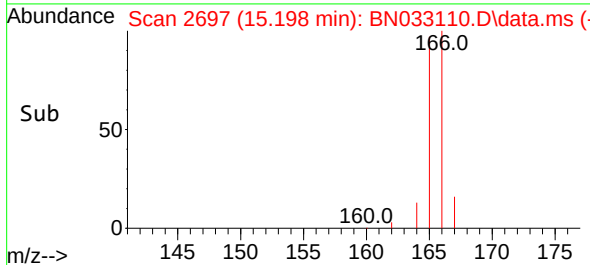
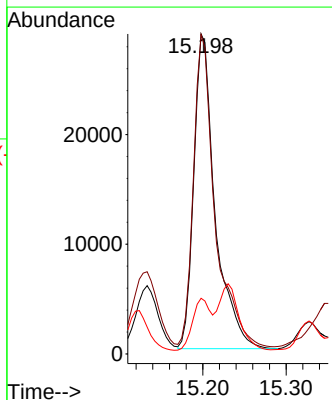
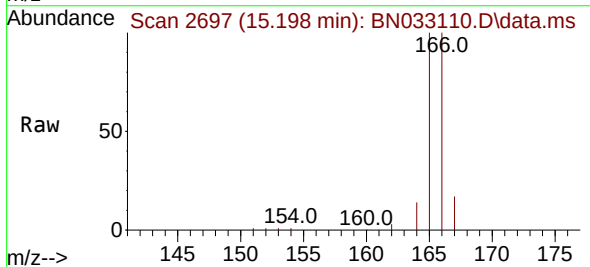
Manual Integrations
APPROVED

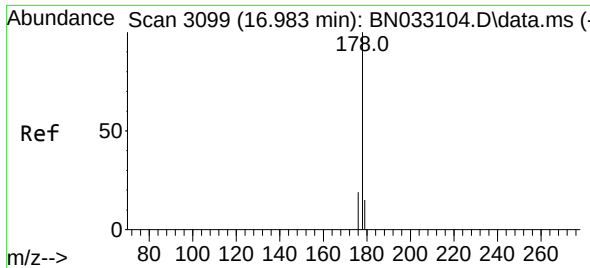
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#12
Fluorene
Concen: 2.498 ng/uI
RT: 15.198 min Scan# 2697
Delta R.T. -0.051 min
Lab File: BN033110.D
Acq: 30 Jul 2024 17:28

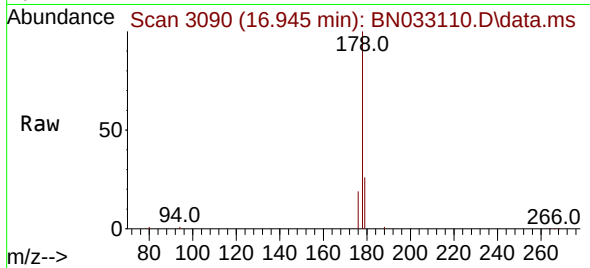
Tgt Ion:166 Resp: 51028
Ion Ratio Lower Upper
166 100
165 99.8 79.6 119.4
167 17.4 12.2 18.4





#15
Phenanthrene
Concen: 0.867 ng/ul
RT: 16.945 min Scan# 3099
Delta R.T. -0.038 min
Lab File: BN033110.D
Acq: 30 Jul 2024 17:28

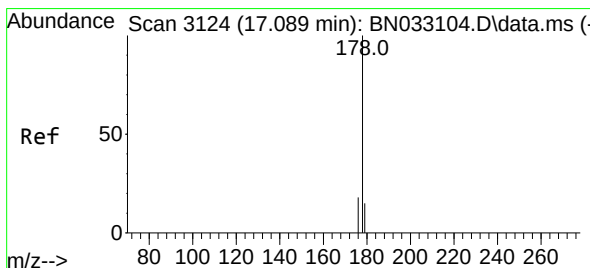
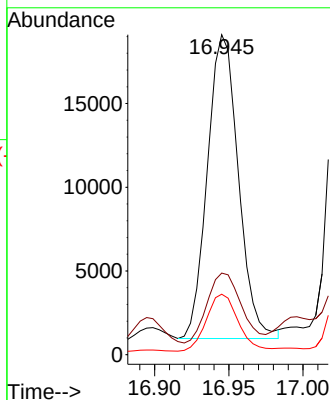
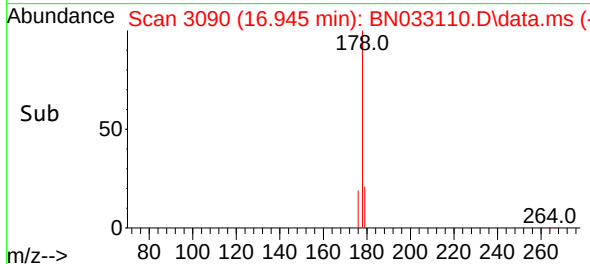
Instrument :
BNA_N
ClientSampleId :
F7E00DL



Tgt Ion:178 Resp: 26382
Ion Ratio Lower Upper
178 100
179 25.5 13.7 20.5
176 18.9 15.9 23.9

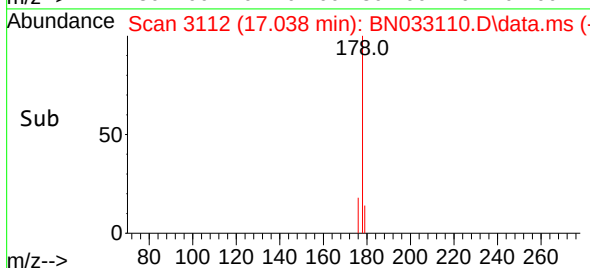
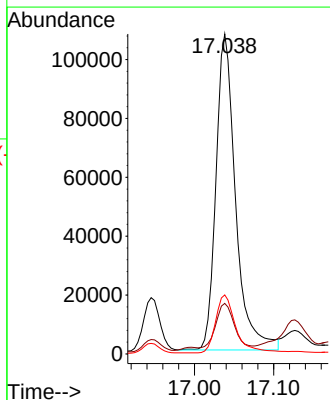
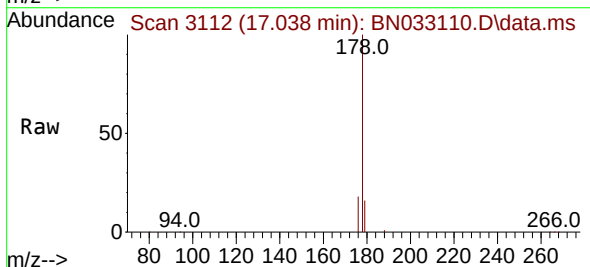
Manual Integrations
APPROVED

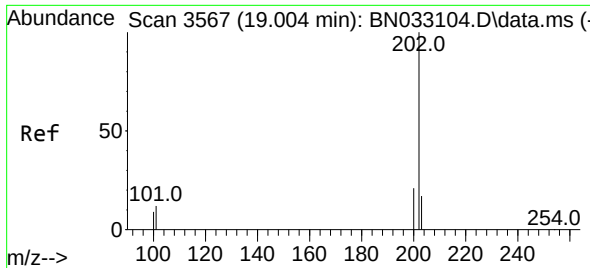
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#16
Anthracene
Concen: 6.778 ng/ul
RT: 17.038 min Scan# 3112
Delta R.T. -0.050 min
Lab File: BN033110.D
Acq: 30 Jul 2024 17:28

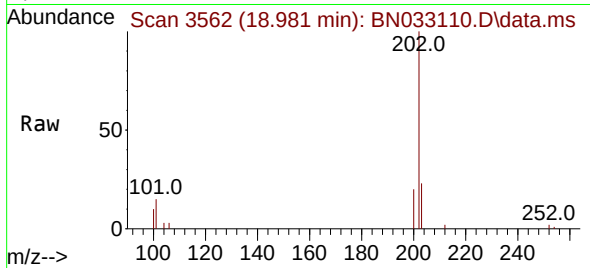
Tgt Ion:178 Resp: 185381
Ion Ratio Lower Upper
178 100
179 15.8 14.3 21.5
176 18.5 15.8 23.8





#19
Fluoranthene
Concen: 0.641 ng/ul
RT: 18.981 min Scan# 3562
Delta R.T. -0.023 min
Lab File: BN033110.D
Acq: 30 Jul 2024 17:28

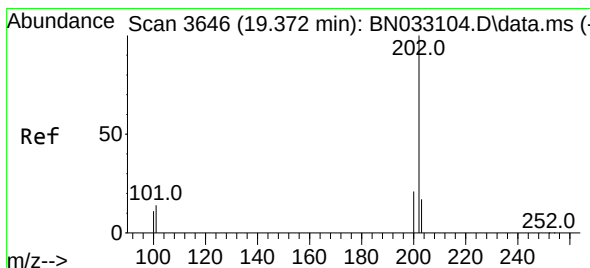
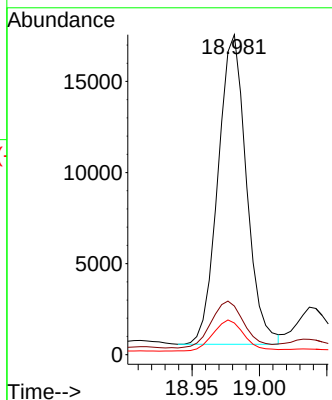
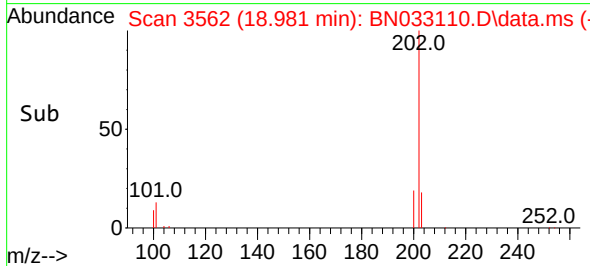
Instrument :
BNA_N
ClientSampleId :
F7E00DL



Tgt Ion:202 Resp: 2489
Ion Ratio Lower Upper
202 100
101 15.2 10.7 16.1
100 9.9 8.3 12.5

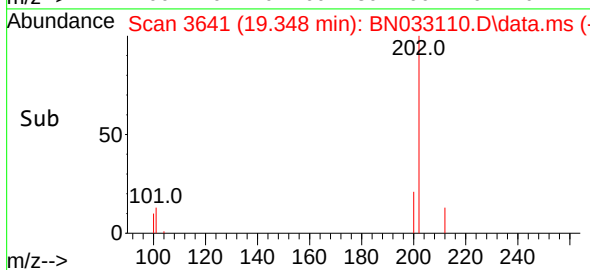
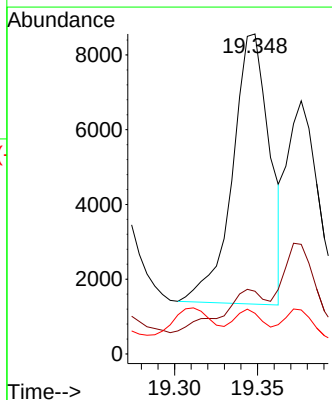
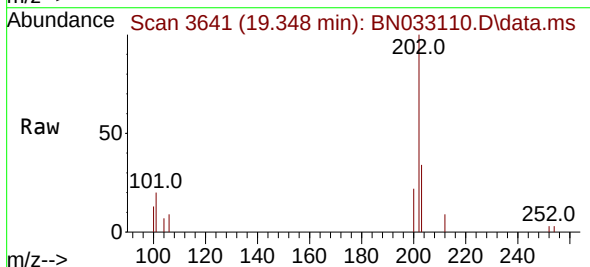
Manual Integrations
APPROVED

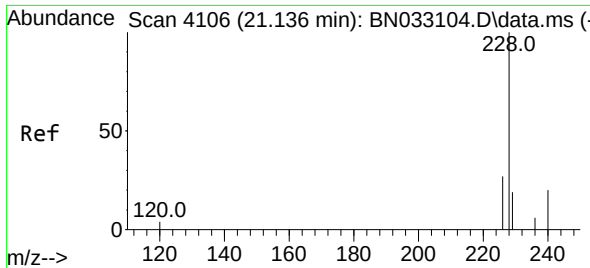
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#20
Pyrene
Concen: 0.271 ng/ul
RT: 19.348 min Scan# 3641
Delta R.T. -0.023 min
Lab File: BN033110.D
Acq: 30 Jul 2024 17:28

Tgt Ion:202 Resp: 11285
Ion Ratio Lower Upper
202 100
101 19.6 12.6 18.8#
100 12.7 9.9 14.9





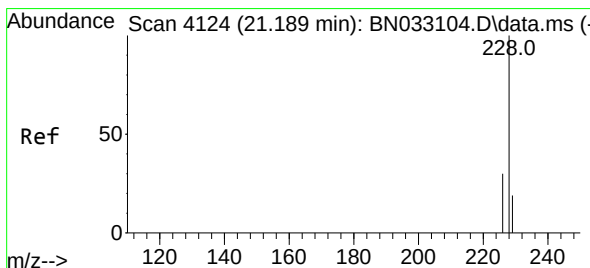
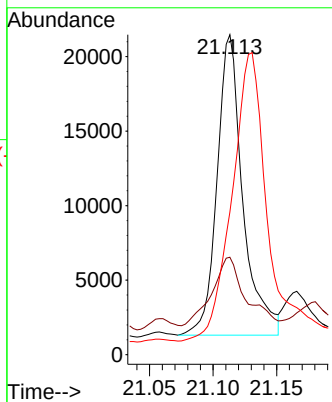
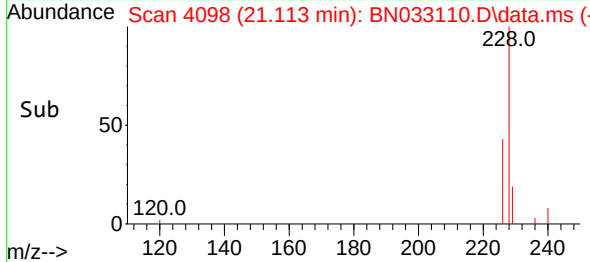
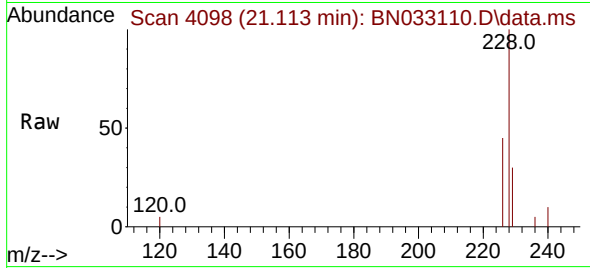
#21
 Benzo(a)anthracene
 Concen: 0.706 ng/ul
 RT: 21.113 min Scan# 4116
 Delta R.T. -0.023 min
 Lab File: BN033110.D
 Acq: 30 Jul 2024 17:28

Instrument :
 BNA_N
 ClientSampleId :
 F7E00DL

Tgt Ion:	228	Resp:	2840
Ion Ratio	Lower	Upper	
228	100		
229	30.4	17.1	25.7
226	44.5	22.4	33.6

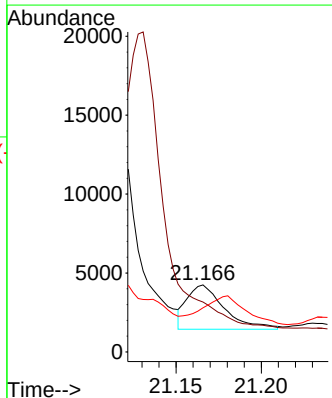
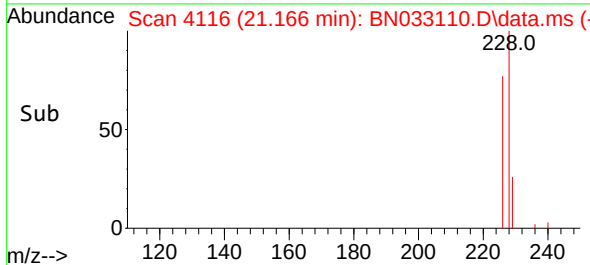
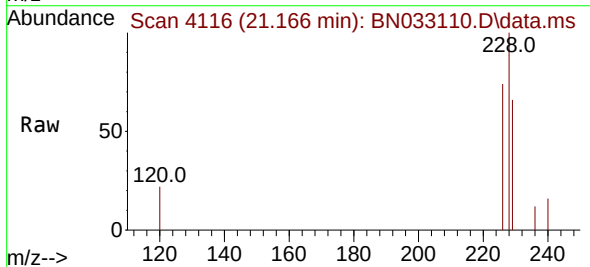
Manual Integrations
 APPROVED

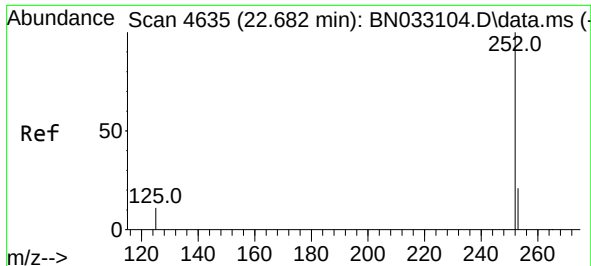
Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 07/31/2024



#22
 Chrysene
 Concen: 0.091 ng/ul m
 RT: 21.166 min Scan# 4116
 Delta R.T. -0.023 min
 Lab File: BN033110.D
 Acq: 30 Jul 2024 17:28

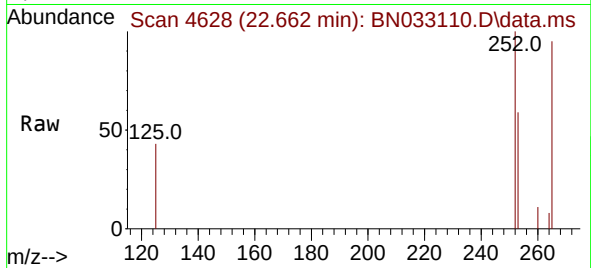
Tgt Ion:	228	Resp:	4290
Ion Ratio	Lower	Upper	
228	100		
226	74.3	24.7	37.1#
229	65.9	17.0	25.6#





#24
Benzo(b)fluoranthene
Concen: 0.114 ng/ul m
RT: 22.662 min Scan# 4628
Delta R.T. -0.020 min
Lab File: BN033110.D
Acq: 30 Jul 2024 17:28

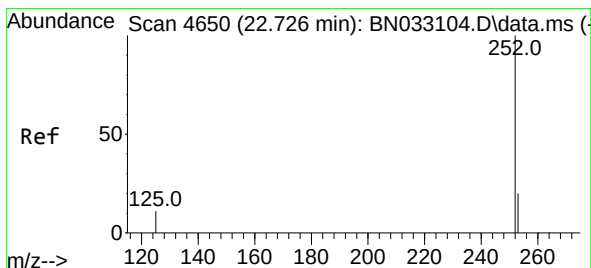
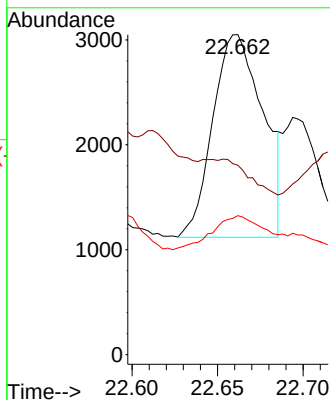
Instrument :
BNA_N
ClientSampleId :
F7E00DL



Tgt Ion:252 Resp: 395
Ion Ratio Lower Upper
252 100
253 59.2 0.0 60.6
125 43.4 0.0 51.0

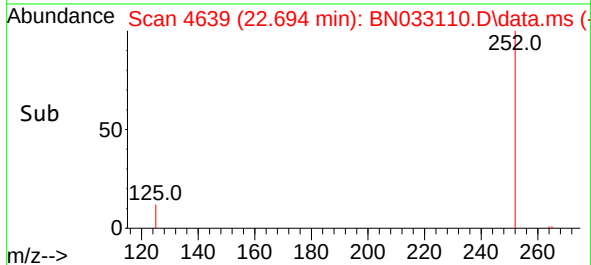
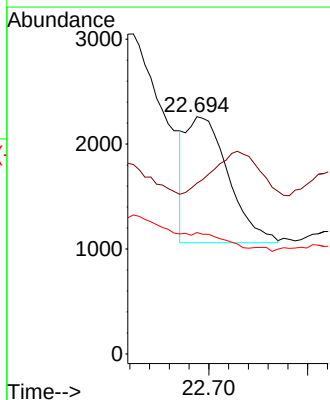
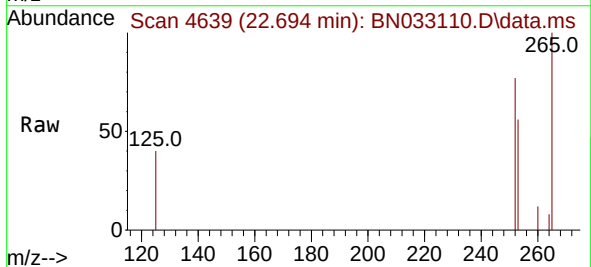
Manual Integrations
APPROVED

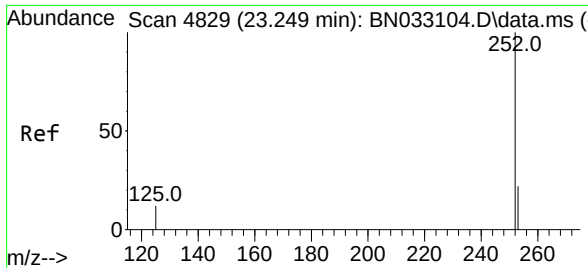
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#25
Benzo(k)fluoranthene
Concen: 0.043 ng/ul m
RT: 22.694 min Scan# 4639
Delta R.T. -0.032 min
Lab File: BN033110.D
Acq: 30 Jul 2024 17:28

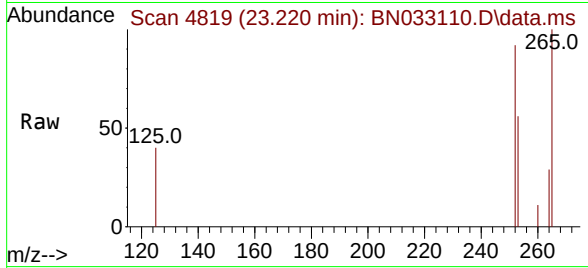
Tgt Ion:252 Resp: 1799
Ion Ratio Lower Upper
252 100
253 72.0 24.9 37.3#
125 51.2 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 0.123 ng/ul
RT: 23.220 min Scan# 4819
Delta R.T. -0.029 min
Lab File: BN033110.D
Acq: 30 Jul 2024 17:28

Instrument :
BNA_N
ClientSampleId :
F7E00DL



Tgt Ion:252 Resp: 3989
Ion Ratio Lower Upper
252 100
253 61.1 27.5 41.3
125 43.1 27.0 40.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

