

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024214.D
 Acq On : 09 Mar 2023 23:59
 Operator : CG/JU
 Sample : 01746-10DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAE4DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/10/2023
 Supervised By : Jagrut Upadhyay 03/10/2023

Quant Time: Mar 10 02:26:18 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 08:02:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	9802	0.400	ng/u1	0.00
4) Naphthalene-d8	10.872	136	29647	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.689	164	17123	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.430	188	34564	0.400	ng/u1	0.00
17) Chrysene-d12	21.618	240	22864	0.400	ng/u1	0.00
23) Perylene-d12	24.135	264	17175	0.400	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	4222	0.391	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.451	152	2586	0.073	ng/u1	0.00
18) Fluoranthene-d10	19.450	212	5791	0.095	ng/u1	0.00
Target Compounds						
5) Naphthalene	10.927	128	6688338	90.382	ng/u1	99
7) 2-Methylnaphthalene	12.522	142	501391	11.168	ng/u1	100
8) 1-Methylnaphthalene	12.742	142	283212	6.003	ng/u1	100
10) Acenaphthylene	14.407	152	42529	0.595	ng/u1	97
11) Acenaphthene	14.749	153	345818	6.283	ng/u1	98
12) Fluorene	15.730	166	260514	4.238	ng/u1	98
14) Pentachlorophenol	17.076	266	45204	4.709	ng/u1#	73
15) Phenanthrene	17.472	178	359888	3.635	ng/u1	99
16) Anthracene	17.561	178	25720	0.296	ng/u1	99
19) Fluoranthene	19.483	202	15079	0.166	ng/u1	98
20) Pyrene	19.845	202	8290m	0.090	ng/u1	

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

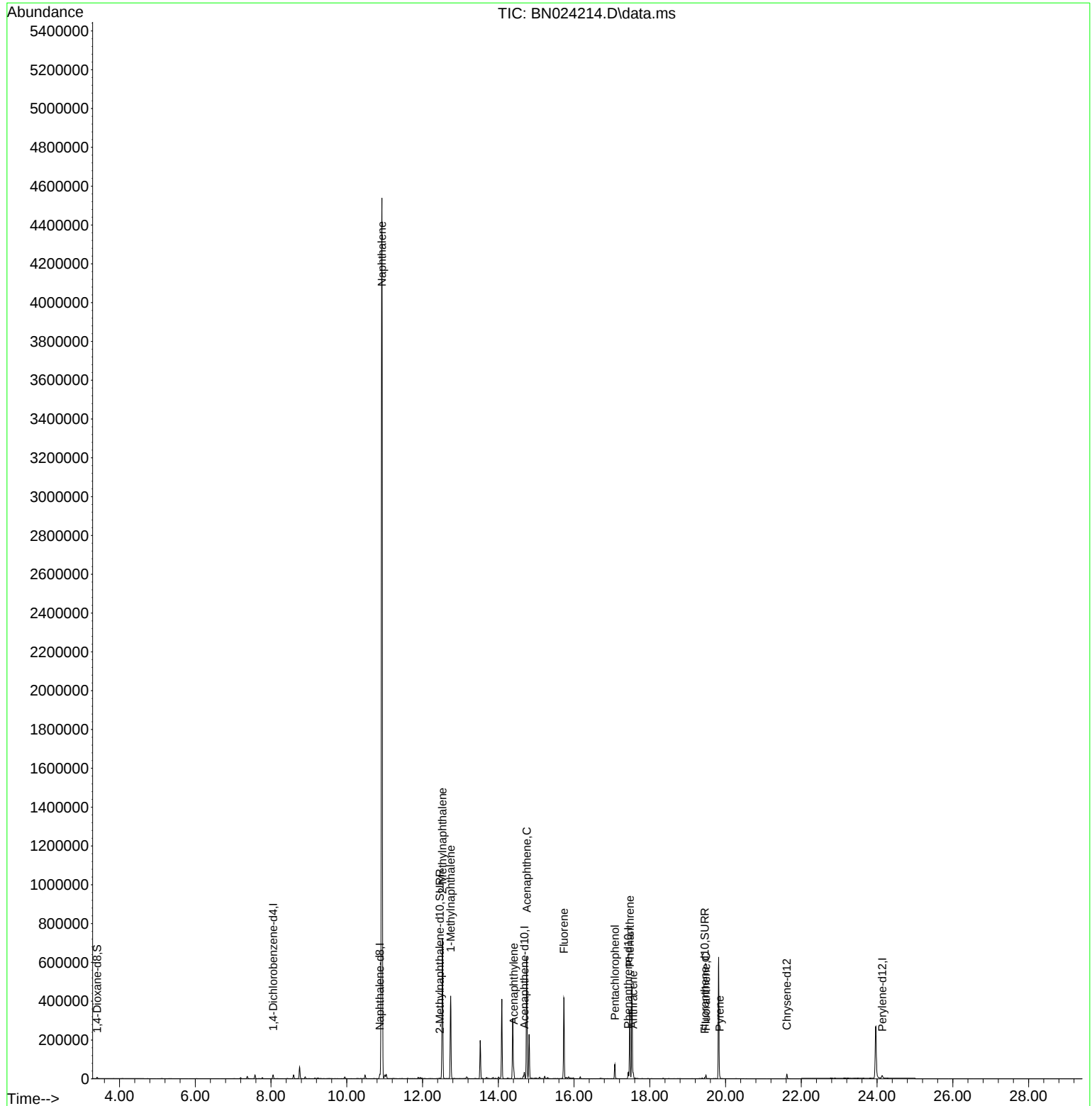
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024214.D
Acq On : 09 Mar 2023 23:59
Operator : CG/JU
Sample : 01746-10DL 5X
Misc :
ALS Vial : 53 Sample Multiplier: 1

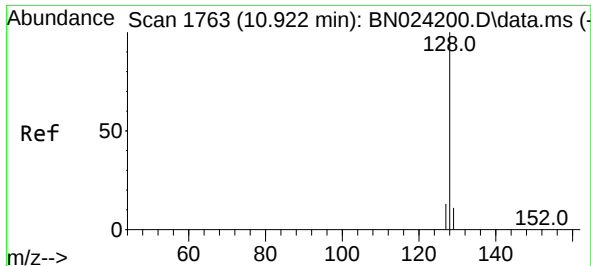
Instrument :
BNA_N
ClientSampleId :
DCAE4DL

Quant Time: Mar 10 02:26:18 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 08:02:24 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

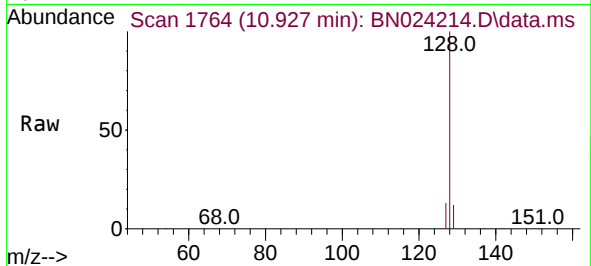
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023





#5
Naphthalene
Concen: 90.382 ng/ul
RT: 10.927 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BN024214.D
Acq: 09 Mar 2023 23:59

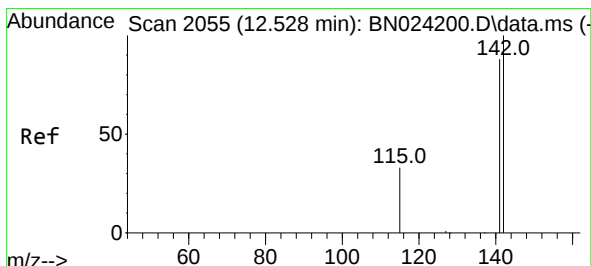
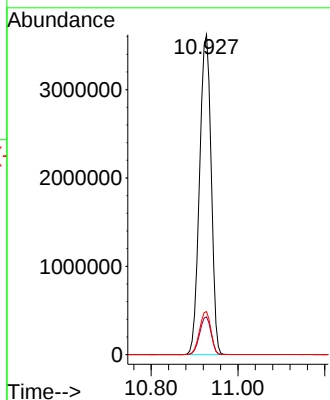
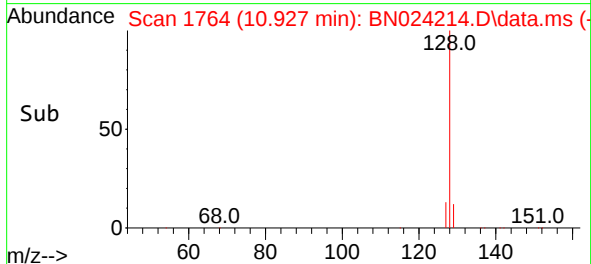
Instrument :
BNA_N
ClientSampleId :
DCAE4DL



Tgt Ion:128 Resp: 6688338
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.4 10.5 15.7

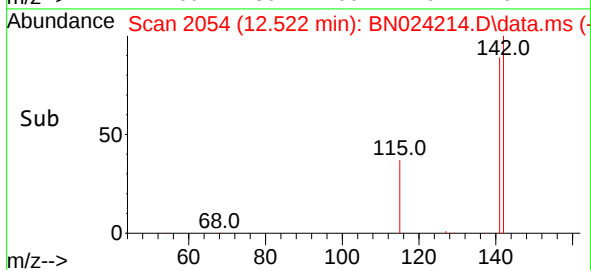
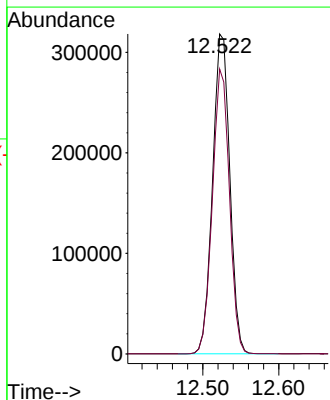
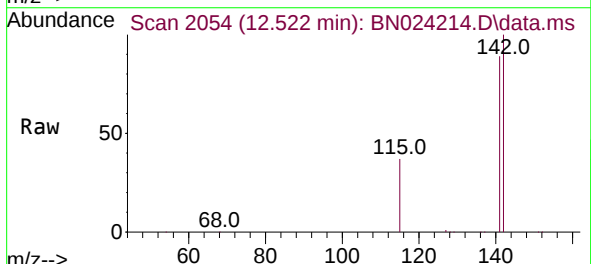
Manual Integrations
APPROVED

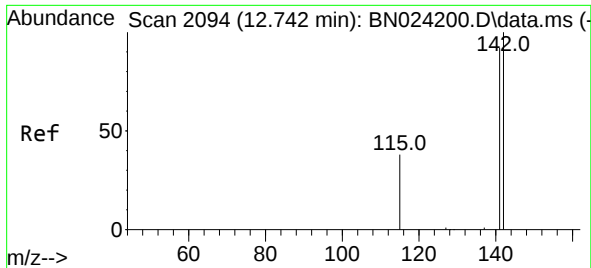
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#7
2-Methylnaphthalene
Concen: 11.168 ng/ul
RT: 12.522 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BN024214.D
Acq: 09 Mar 2023 23:59

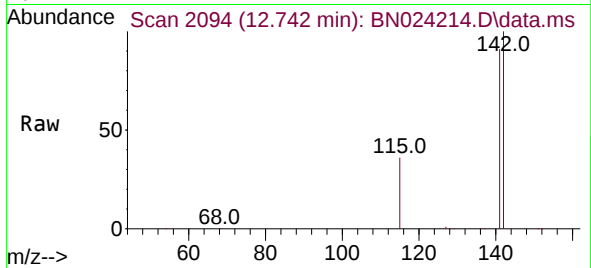
Tgt Ion:142 Resp: 501391
Ion Ratio Lower Upper
142 100
141 88.0 70.3 105.5





#8
1-Methylnaphthalene
Concen: 6.003 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN024214.D
Acq: 09 Mar 2023 23:59

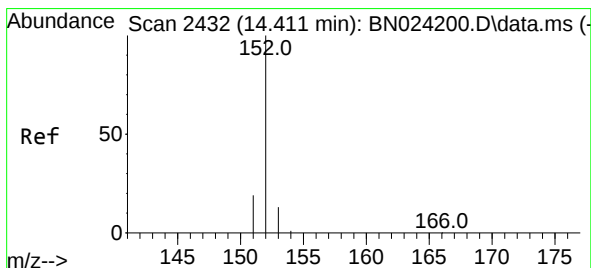
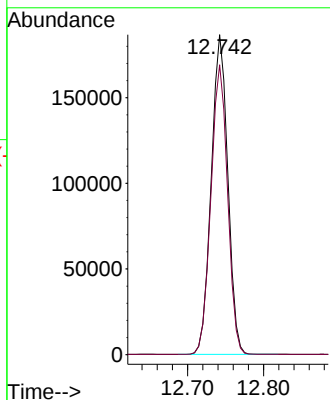
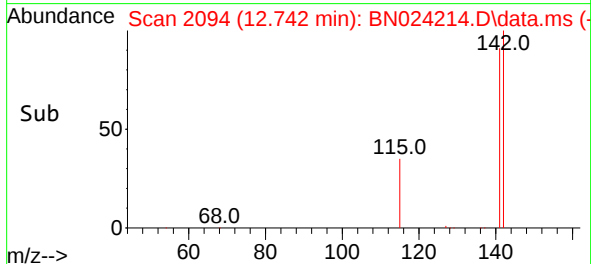
Instrument :
BNA_N
ClientSampleId :
DCAE4DL



Tgt Ion:142 Resp: 283212
Ion Ratio Lower Upper
142 100
141 90.9 73.0 109.6

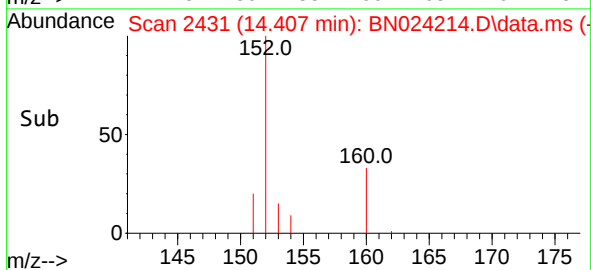
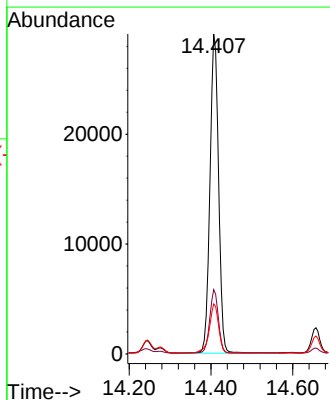
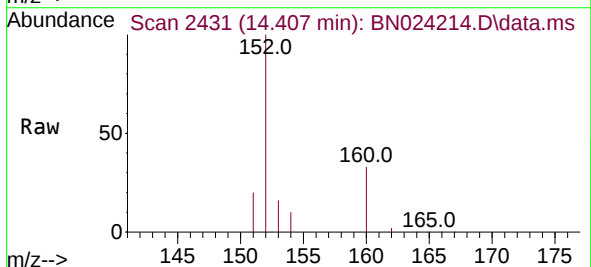
Manual Integrations
APPROVED

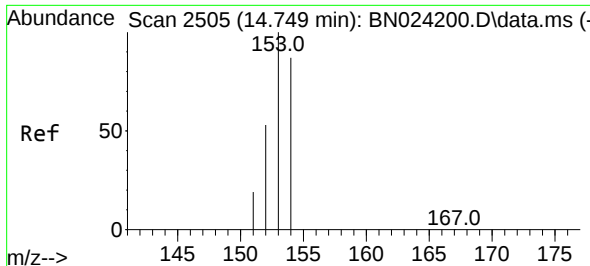
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#10
Acenaphthylene
Concen: 0.595 ng/ul
RT: 14.407 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BN024214.D
Acq: 09 Mar 2023 23:59

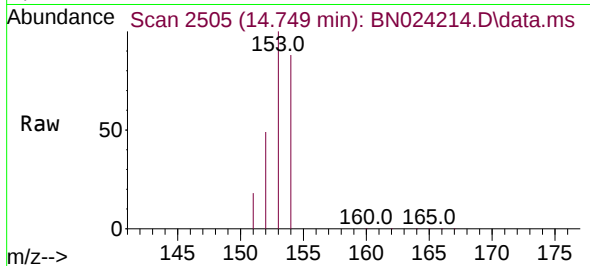
Tgt Ion:152 Resp: 42529
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 15.6 10.6 16.0





#11
Acenaphthene
Concen: 6.283 ng/ul
RT: 14.749 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN024214.D
Acq: 09 Mar 2023 23:59

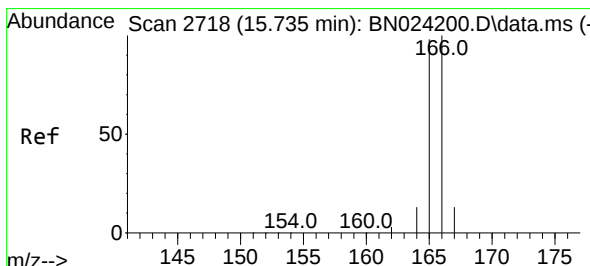
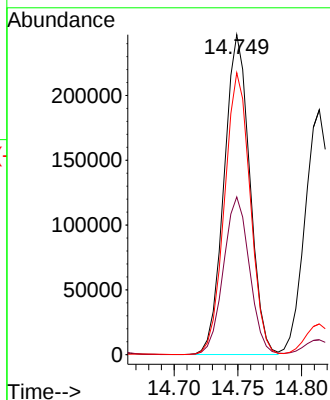
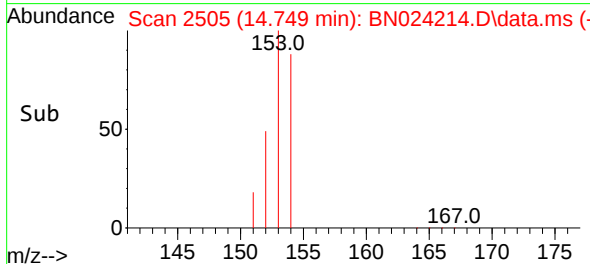
Instrument :
BNA_N
ClientSampleId :
DCAE4DL



Tgt Ion:153 Resp: 345818
Ion Ratio Lower Upper
153 100
152 49.3 42.6 64.0
154 88.1 70.6 105.8

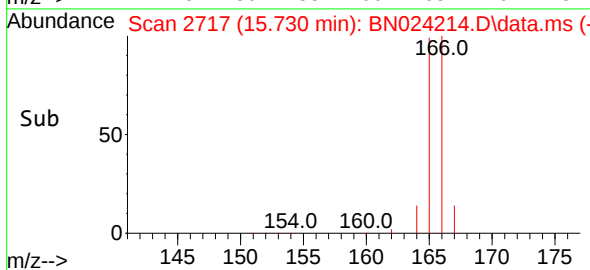
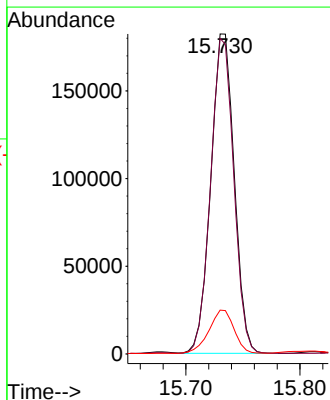
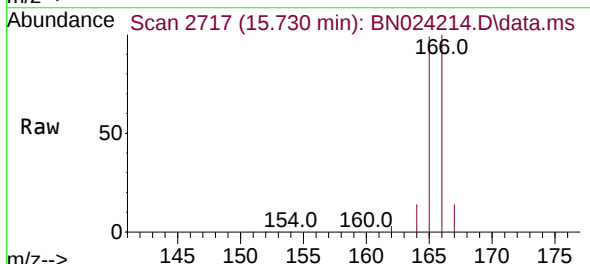
Manual Integrations
APPROVED

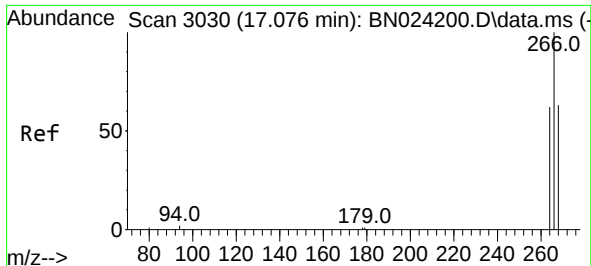
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#12
Fluorene
Concen: 4.238 ng/ul
RT: 15.730 min Scan# 2717
Delta R.T. -0.005 min
Lab File: BN024214.D
Acq: 09 Mar 2023 23:59

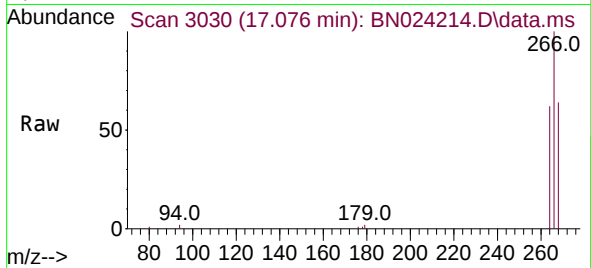
Tgt Ion:166 Resp: 260514
Ion Ratio Lower Upper
166 100
165 98.6 77.4 116.0
167 13.7 10.9 16.3





#14
Pentachlorophenol
Concen: 4.709 ng/u1
RT: 17.076 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BN024214.D
Acq: 09 Mar 2023 23:59

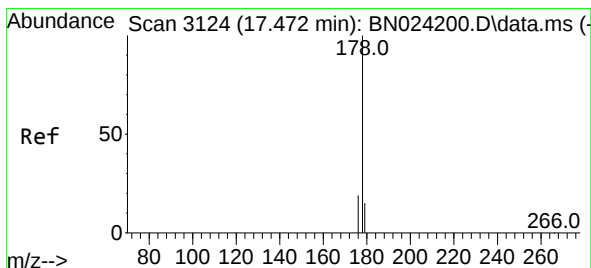
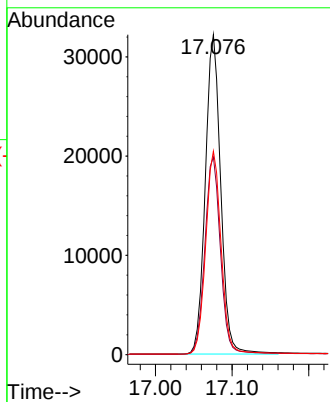
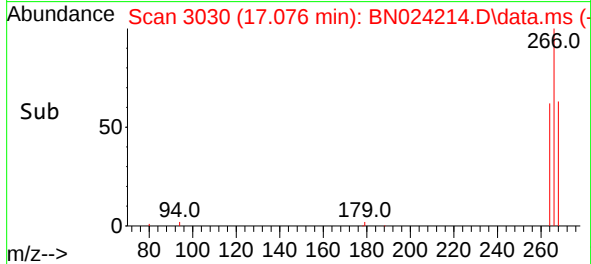
Instrument :
BNA_N
ClientSampleId :
DCAE4DL



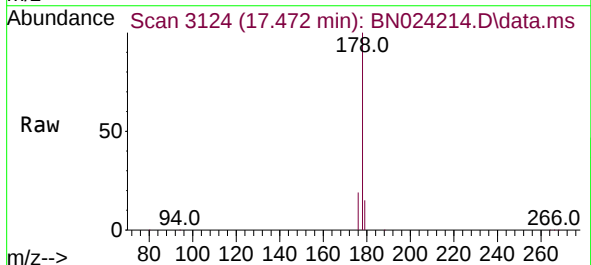
Tgt Ion:266 Resp: 45204
Ion Ratio Lower Upper
266 100
264 62.5 0.0 0.0
268 63.7 0.1 0.1

Manual Integrations
APPROVED

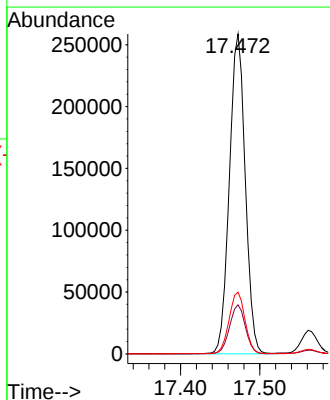
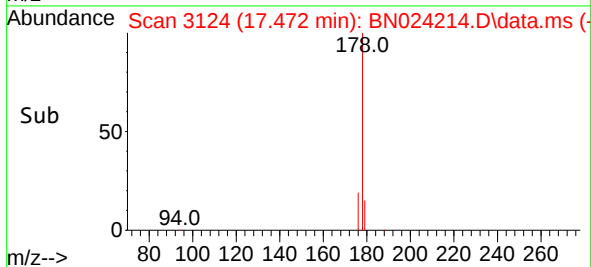
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023

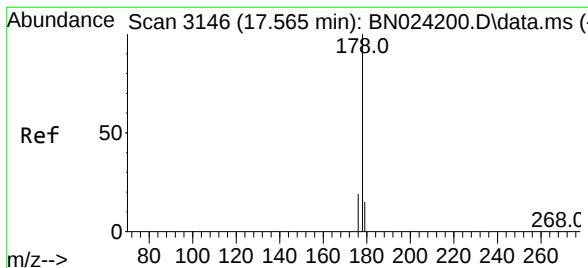


#15
Phenanthrene
Concen: 3.635 ng/u1
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN024214.D
Acq: 09 Mar 2023 23:59



Tgt Ion:178 Resp: 359888
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.3 15.7 23.5





#16

Anthracene

Concen: 0.296 ng/ul

RT: 17.561 min Scan# 3146

Delta R.T. -0.004 min

Lab File: BN024214.D

Acq: 09 Mar 2023 23:59

Instrument :

BNA_N

ClientSampleId :

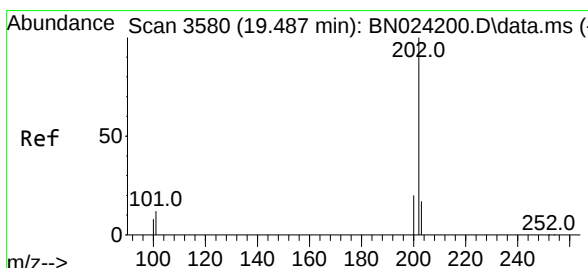
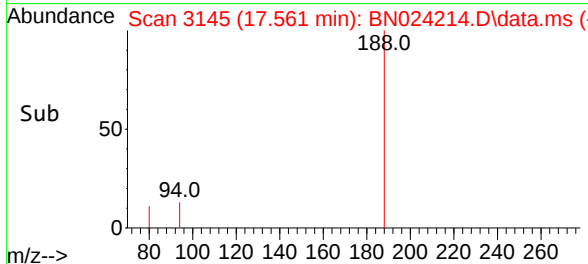
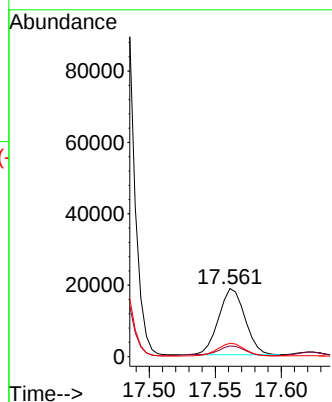
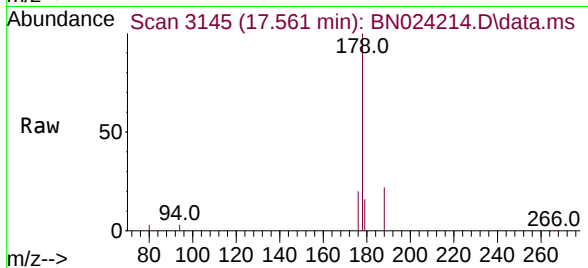
DCAE4DL

Tgt Ion:178	Resp:	25720
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.3 18.5
176	19.6	15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#19

Fluoranthene

Concen: 0.166 ng/ul

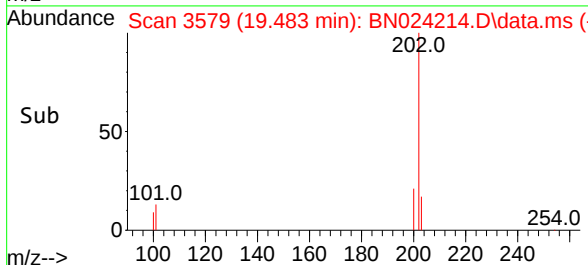
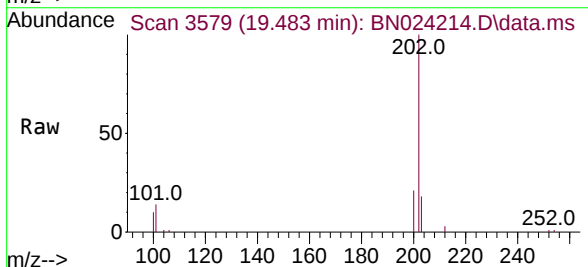
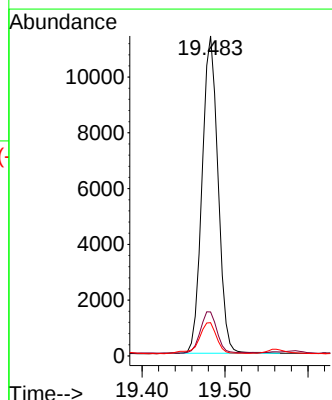
RT: 19.483 min Scan# 3579

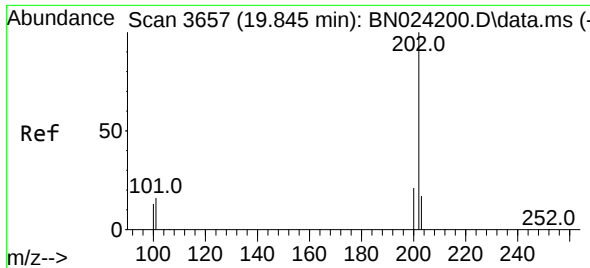
Delta R.T. 0.000 min

Lab File: BN024214.D

Acq: 09 Mar 2023 23:59

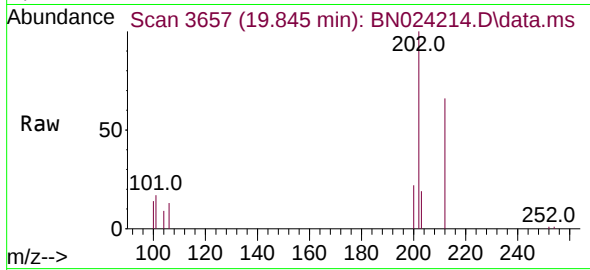
Tgt Ion:202	Resp:	15079
Ion Ratio	Lower	Upper
202	100	
101	13.7	10.4 15.6
100	10.4	7.7 11.5





#20
Pyrene
Concen: 0.090 ng/ul m
RT: 19.845 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN024214.D
Acq: 09 Mar 2023 23:59

Instrument :
BNA_N
ClientSampleId :
DCAE4DL



Tgt Ion:202 Resp: 8290
Ion Ratio Lower Upper
202 100
101 16.8 12.1 18.1
100 13.8 9.4 14.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023

