

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024497.D
 Acq On : 23 Mar 2023 02:25
 Operator : CG/JU
 Sample : 01947-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB939

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/23/2023
 Supervised By : Jagrut Upadhyay 03/23/2023

Quant Time: Mar 23 03:34:11 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 23 03:32:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	10055	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	30103	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.661	164	18304	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	37697	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.586	240	29570	0.400	ng/ul	# 0.00
23) Perylene-d12	24.073	264	30109	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	44787	4.047	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	9819	0.275	ng/ul	0.00
18) Fluoranthene-d10	19.432	212	22910	0.291	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.889	128	2385	0.032	ng/ul#	53
7) 2-Methylnaphthalene	12.495	142	2761	0.061	ng/ul	92
8) 1-Methylnaphthalene	12.715	142	5004	0.104	ng/ul	96
10) Acenaphthylene	14.393	152	2780	0.036	ng/ul#	34
11) Acenaphthene	14.726	153	26432	0.449	ng/ul	97
12) Fluorene	15.707	166	1834	0.028	ng/ul#	61
15) Phenanthrene	17.451	178	6775	0.063	ng/ul#	61
16) Anthracene	17.540	178	8488	0.090	ng/ul#	62
19) Fluoranthene	19.459	202	5559	0.047	ng/ul#	33
20) Pyrene	19.822	202	9321m	0.078	ng/ul	

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

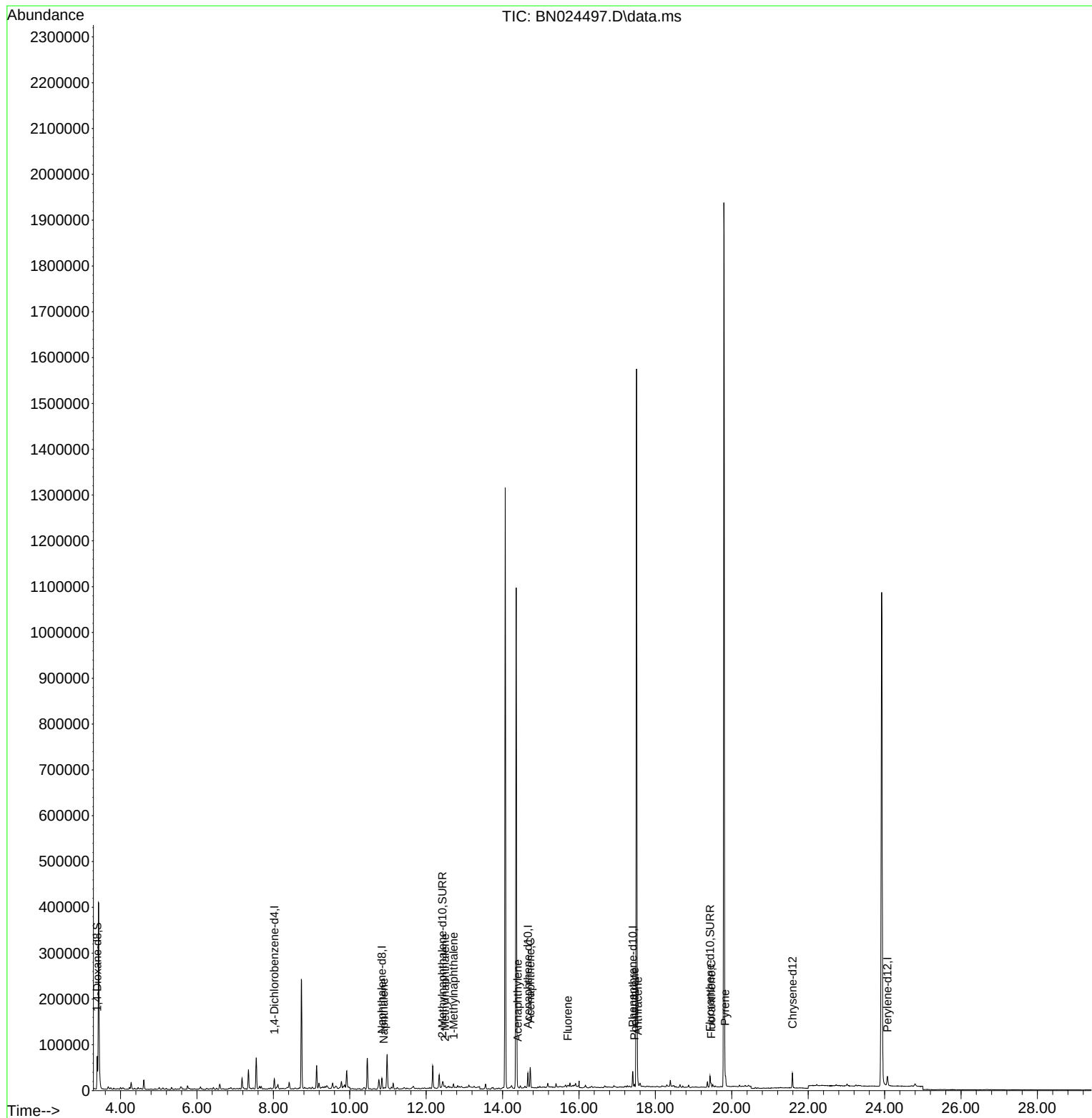
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
Data File : BN024497.D
Acq On : 23 Mar 2023 02:25
Operator : CG/JU
Sample : 01947-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

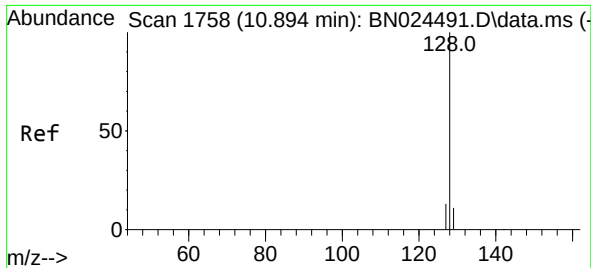
Instrument :
BNA_N
ClientSampleId :
CB939

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

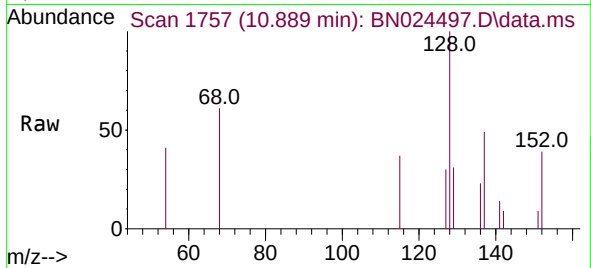
Quant Time: Mar 23 03:34:11 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 03:32:22 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.889 min Scan# 1757
Delta R.T. -0.005 min
Lab File: BN024497.D
Acq: 23 Mar 2023 02:25

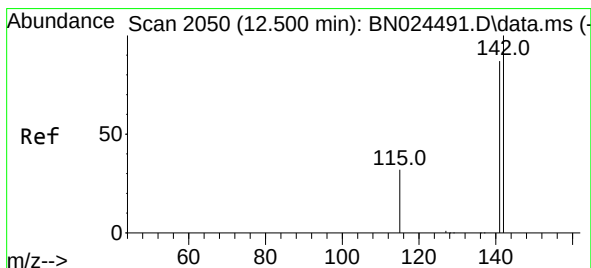
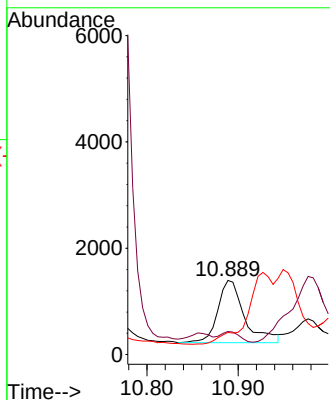
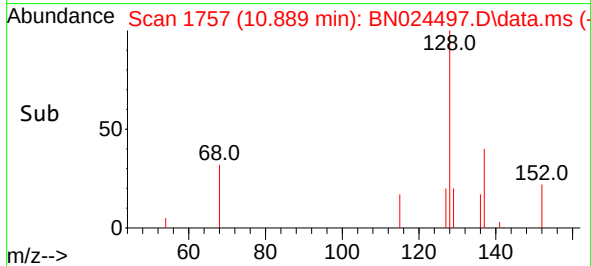
Instrument :
BNA_N
ClientSampleId :
CB939



Tgt Ion:128 Resp: 2385
Ion Ratio Lower Upper
128 100
129 31.2 9.0 13.6
127 29.8 10.5 15.7

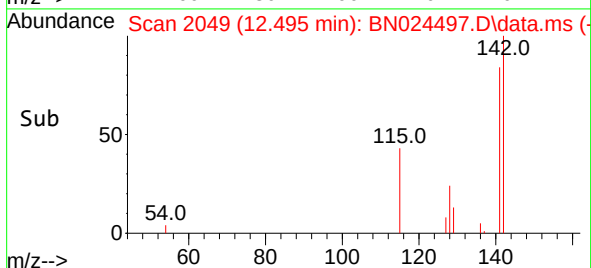
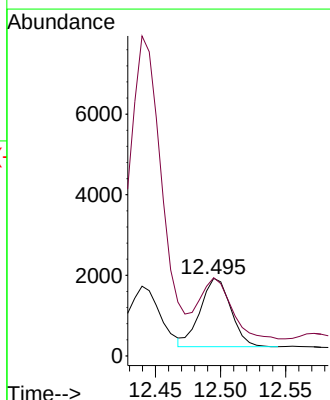
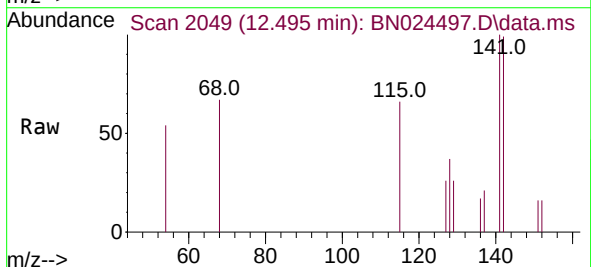
Manual Integrations
APPROVED

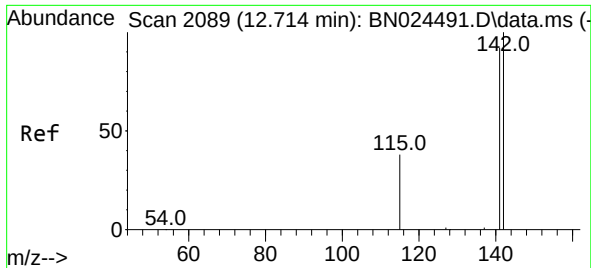
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#7
2-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.495 min Scan# 2049
Delta R.T. -0.005 min
Lab File: BN024497.D
Acq: 23 Mar 2023 02:25

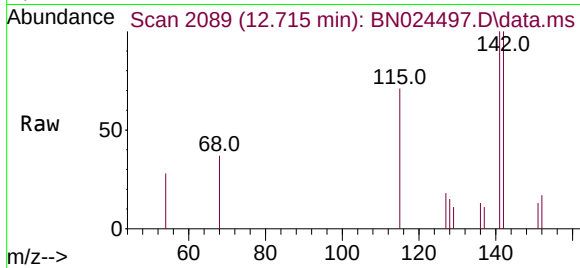
Tgt Ion:142 Resp: 2761
Ion Ratio Lower Upper
142 100
141 95.1 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.715 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BN024497.D
Acq: 23 Mar 2023 02:25

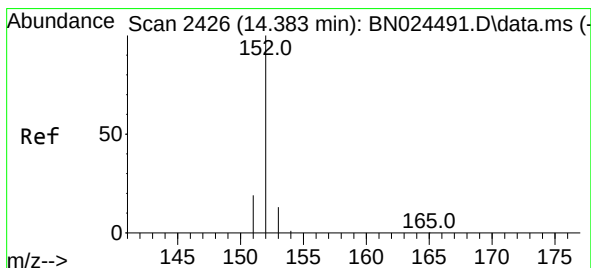
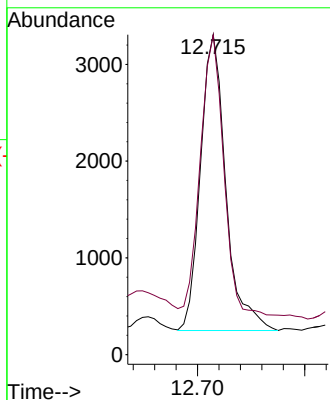
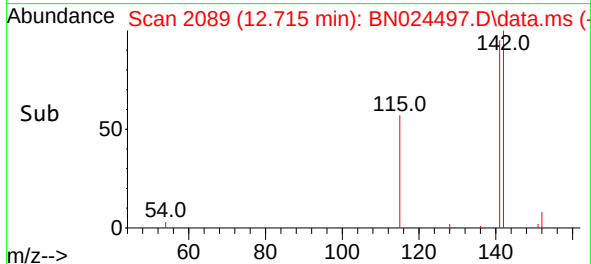
Instrument :
BNA_N
ClientSampleId :
CB939



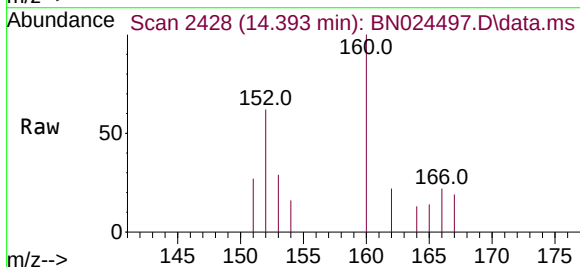
Tgt Ion:142 Resp: 5004
Ion Ratio Lower Upper
142 100
141 87.4 73.0 109.6

Manual Integrations
APPROVED

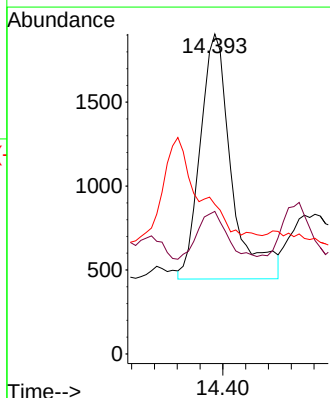
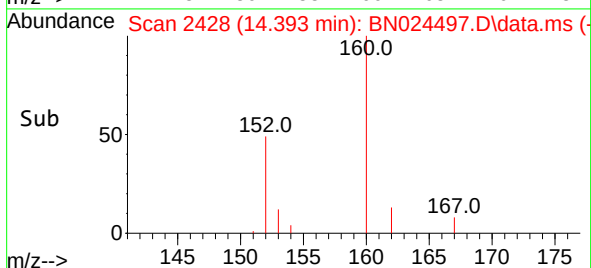
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

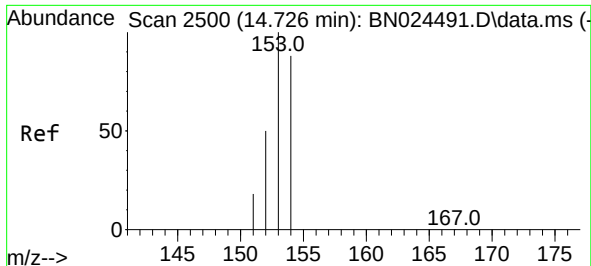


#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.393 min Scan# 2428
Delta R.T. 0.010 min
Lab File: BN024497.D
Acq: 23 Mar 2023 02:25



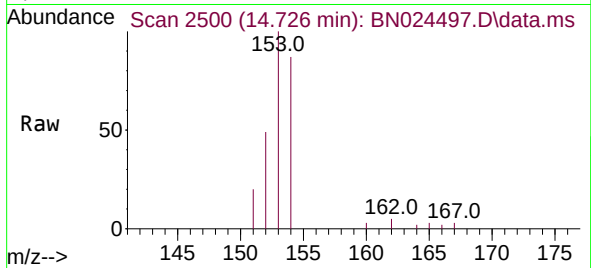
Tgt Ion:152 Resp: 2780
Ion Ratio Lower Upper
152 100
151 44.5 15.9 23.9#
153 46.7 10.6 16.0#





#11
Acenaphthene
Concen: 0.449 ng/ul
RT: 14.726 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024497.D
Acq: 23 Mar 2023 02:25

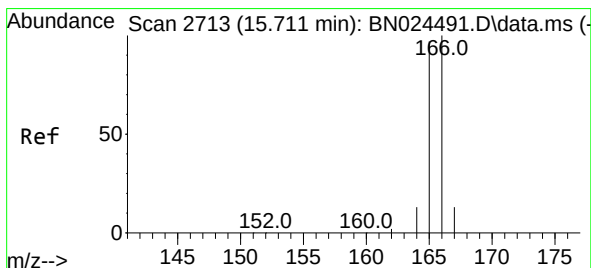
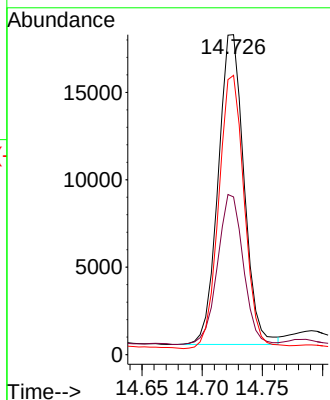
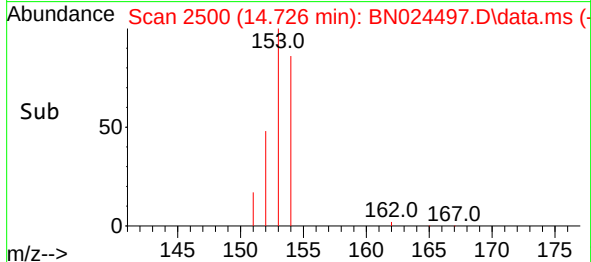
Instrument :
BNA_N
ClientSampleId :
CB939



Tgt Ion:153 Resp: 26432
Ion Ratio Lower Upper
153 100
152 49.3 42.6 64.0
154 87.3 70.6 105.8

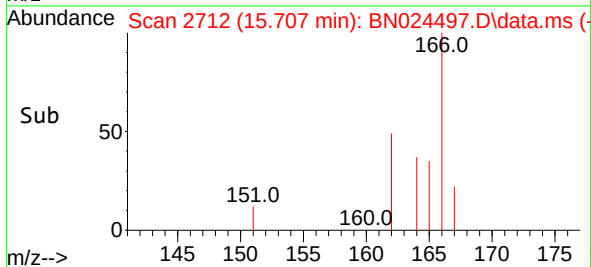
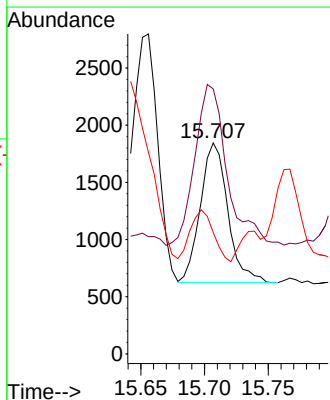
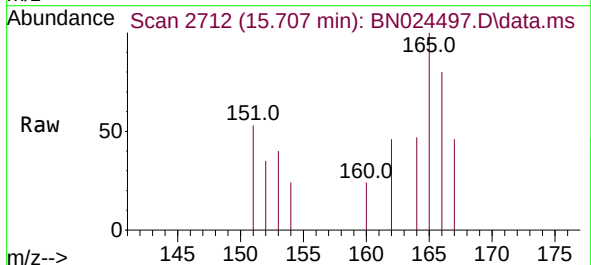
Manual Integrations
APPROVED

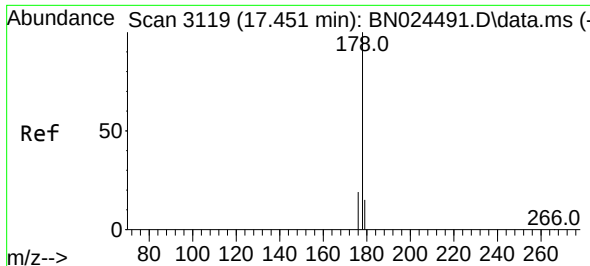
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.707 min Scan# 2712
Delta R.T. -0.004 min
Lab File: BN024497.D
Acq: 23 Mar 2023 02:25

Tgt Ion:166 Resp: 1834
Ion Ratio Lower Upper
166 100
165 125.6 77.4 116.0#
167 57.5 10.9 16.3#





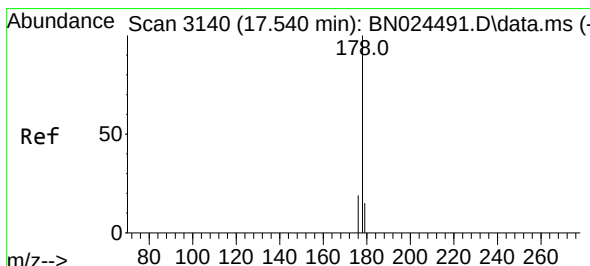
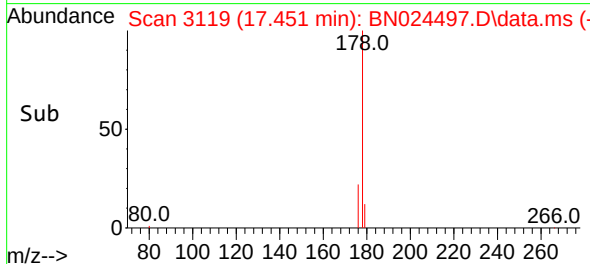
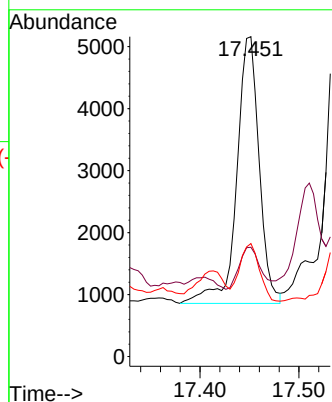
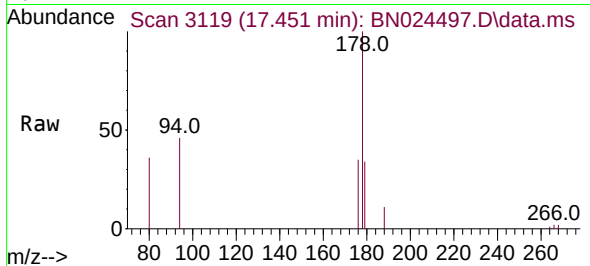
#15
Phenanthrene
Concen: 0.063 ng/ul
RT: 17.451 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN024497.D
Acq: 23 Mar 2023 02:25

Instrument :
BNA_N
ClientSampleId :
CB939

Tgt Ion:178 Resp: 6775
Ion Ratio Lower Upper
178 100
179 34.2 12.2 18.2#
176 35.3 15.7 23.5#

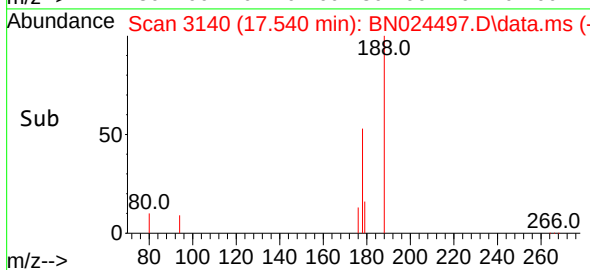
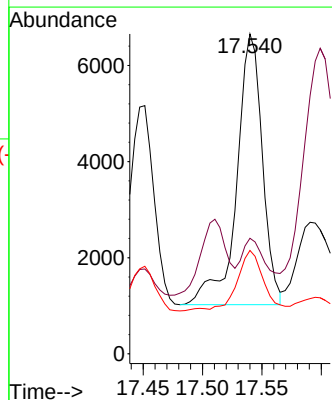
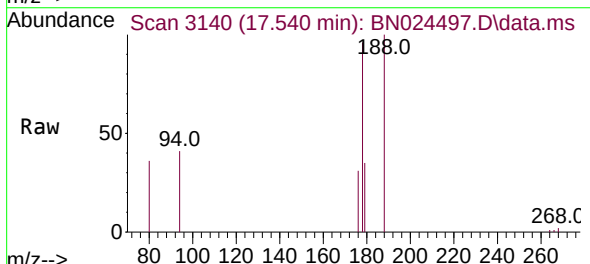
Manual Integrations
APPROVED

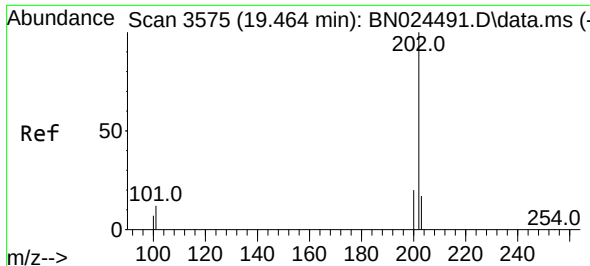
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#16
Anthracene
Concen: 0.090 ng/ul
RT: 17.540 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BN024497.D
Acq: 23 Mar 2023 02:25

Tgt Ion:178 Resp: 8488
Ion Ratio Lower Upper
178 100
179 36.1 12.3 18.5#
176 32.3 15.3 22.9#





#19

Fluoranthene

Concen: 0.047 ng/ul

RT: 19.459 min Scan# 3575

Delta R.T. -0.004 min

Lab File: BN024497.D

Acq: 23 Mar 2023 02:25

Instrument :

BNA_N

ClientSampleId :

CB939

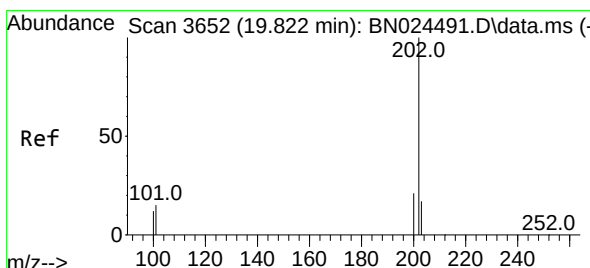
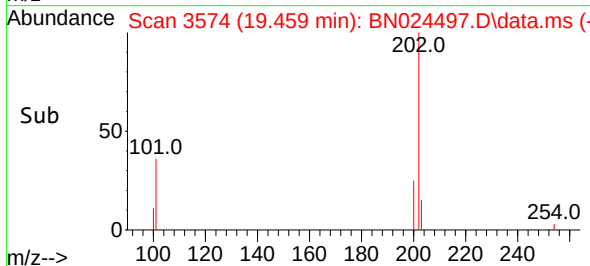
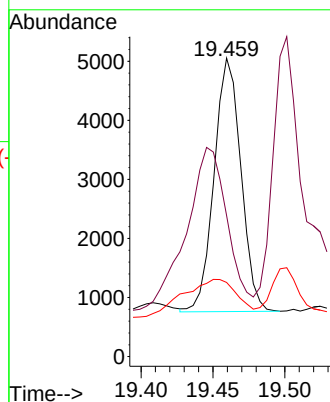
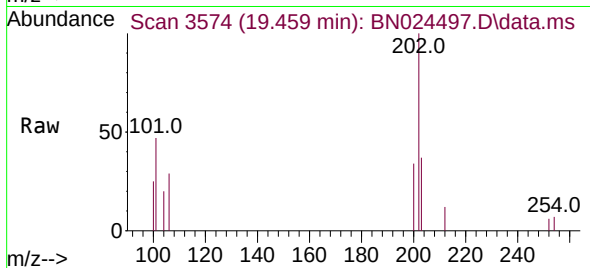
Tgt Ion:	202	Resp:	5559
Ion Ratio	Lower	Upper	
202	100		
101	47.2	10.4	15.6
100	24.9	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2023

Supervised By :Jagrut Upadhyay 03/23/2023



#20

Pyrene

Concen: 0.078 ng/ul m

RT: 19.822 min Scan# 3652

Delta R.T. 0.000 min

Lab File: BN024497.D

Acq: 23 Mar 2023 02:25

Tgt Ion:	202	Resp:	9321
Ion Ratio	Lower	Upper	
202	100		
101	33.1	12.1	18.1#
100	30.8	9.4	14.0#

