

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070723\
 Data File : BN026366.D
 Acq On : 07 Jul 2023 19:28
 Operator : MA/JU
 Sample : PB153603BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS603

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :Sohil Jodhani 07/07/2023

Quant Time: Jul 07 20:59:26 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 14:46:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	4345	0.400	ng/ul	0.00
4) Naphthalene-d8	10.747	136	17873	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.579	164	9998	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	16817m	0.400	ng/ul	0.00
17) Chrysene-d12	21.522	240	9873	0.400	ng/ul	0.00
23) Perylene-d12	23.983	264	10304	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	3416	0.698	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.336	152	7966	0.290	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	12082	0.322	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.339	88	8850	1.703	ng/ul#	87
5) Naphthalene	10.796	128	16651	0.325	ng/ul	99
7) 2-Methylnaphthalene	12.413	142	9493	0.291	ng/ul	99
8) 1-Methylnaphthalene	12.628	142	8552	0.253	ng/ul	99
10) Acenaphthylene	14.301	152	15397	0.329	ng/ul	100
11) Acenaphthene	14.639	153	12350	0.322	ng/ul	99
12) Fluorene	15.634	166	12400	0.282	ng/ul	98
14) Pentachlorophenol	16.996	266	2114	0.351	ng/ul	98
15) Phenanthrene	17.376	178	16245	0.292	ng/ul	97
16) Anthracene	17.469	178	13995	0.283	ng/ul	97
19) Fluoranthene	19.390	202	17027	0.323	ng/ul	99
20) Pyrene	19.753	202	18145	0.331	ng/ul	99
21) Benzo(a)anthracene	21.508	228	12552	0.308	ng/ul	99
22) Chrysene	21.560	228	13905	0.328	ng/ul	99
24) Benzo(b)fluoranthene	23.232	252	13989	0.318	ng/ul	92
25) Benzo(k)fluoranthene	23.276	252	15345	0.347	ng/ul	92
26) Benzo(a)pyrene	23.881	252	13121	0.344	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.560	276	16543	0.397	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.570	278	12638	0.400	ng/ul	96
29) Benzo(g,h,i)perylene	27.358	276	14918	0.402	ng/ul	96

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

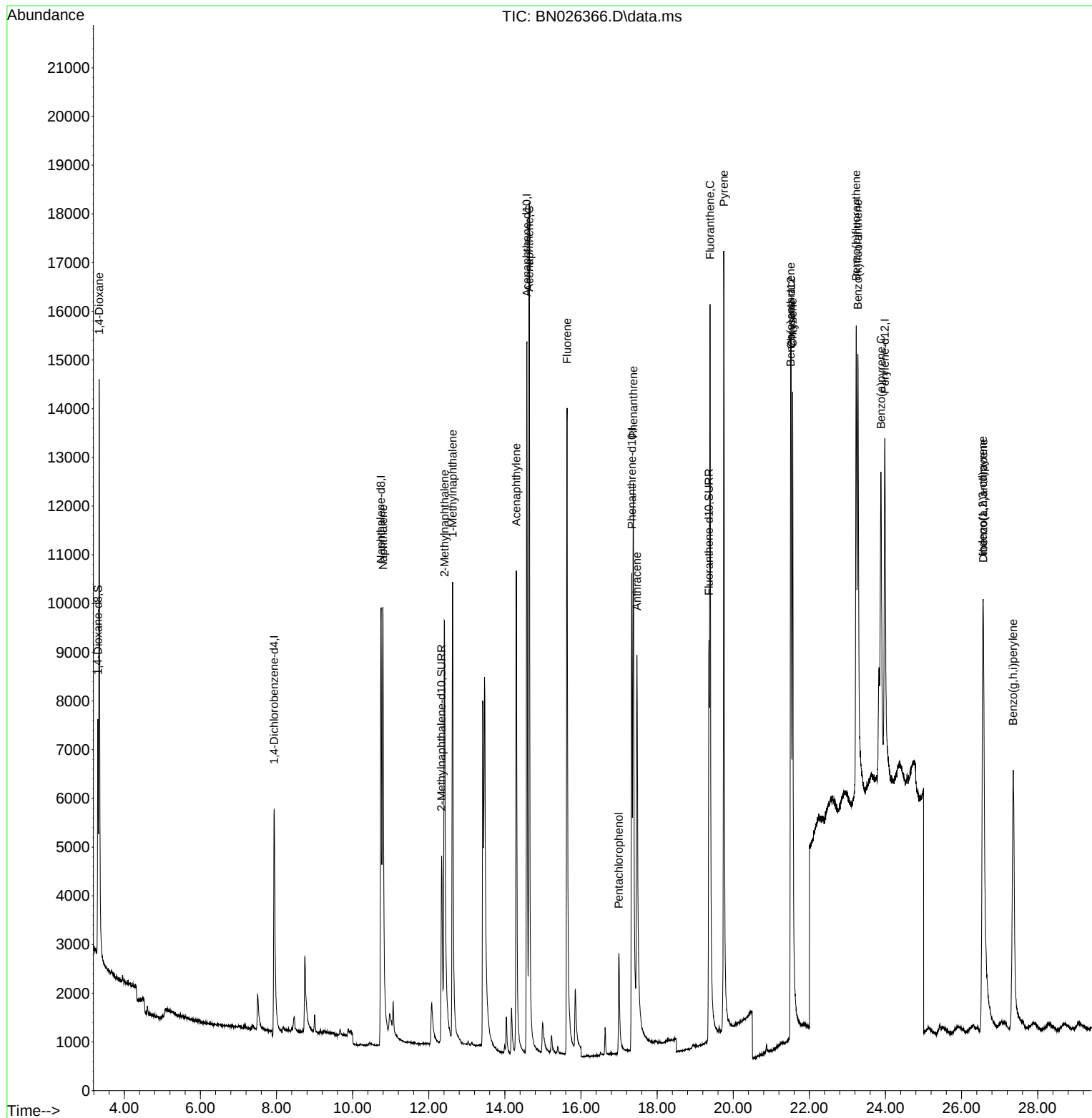
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070723\
Data File : BN026366.D
Acq On : 07 Jul 2023 19:28
Operator : MA/JU
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ALS Vial : 17 Sample Multiplier: 1

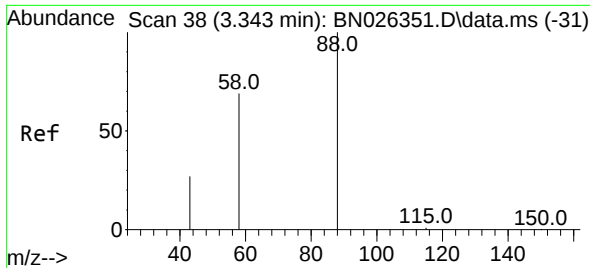
Instrument :
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Supervised By :Sohil Jodhani 07/07/2023

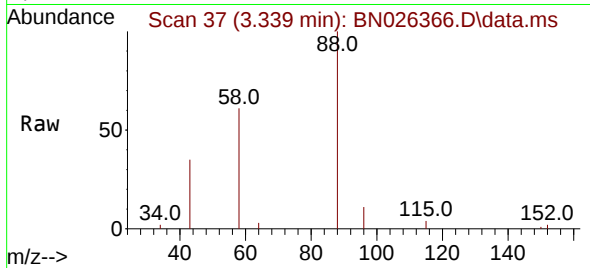
Quant Time: Jul 07 20:59:26 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 14:46:07 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.703 ng/ul
RT: 3.339 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN026366.D
Acq: 07 Jul 2023 19:28

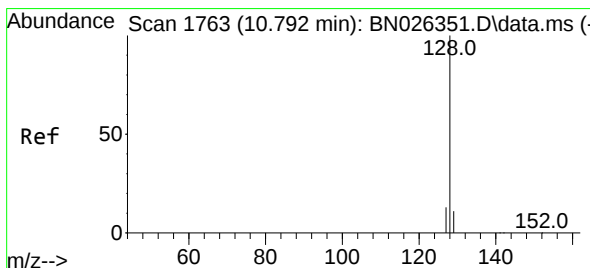
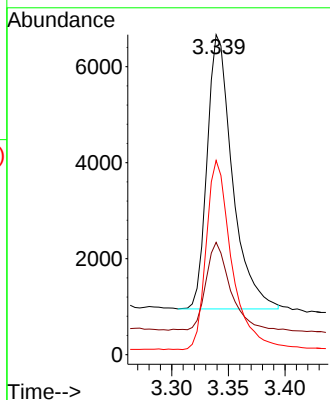
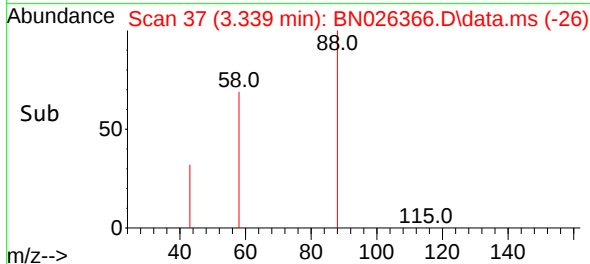
Instrument :
BNA_N
ClientSampleId :
SLCS603



Tgt Ion: 88 Resp: 8850
Ion Ratio Lower Upper
88 100
43 35.1 29.5 44.3
58 60.7 37.4 56.2

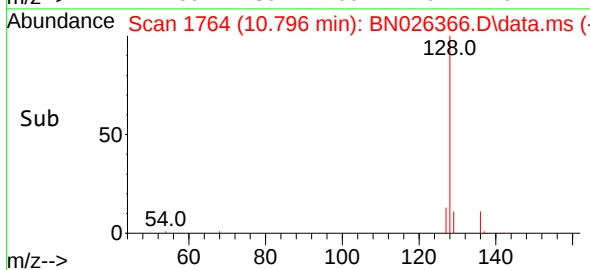
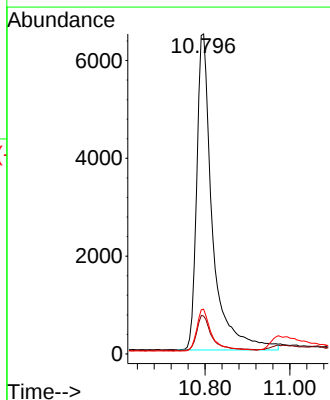
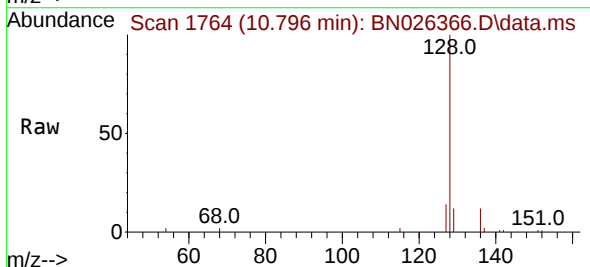
Manual Integrations
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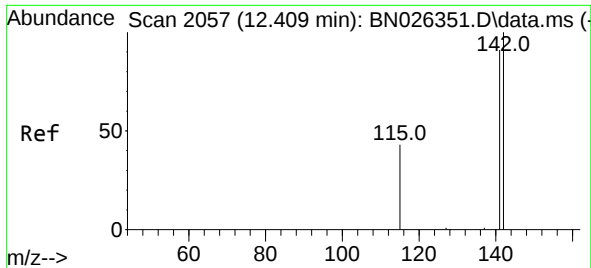
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :Sohil Jodhani 07/07/2023



#5
Naphthalene
Concen: 0.325 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. -0.002 min
Lab File: BN026366.D
Acq: 07 Jul 2023 19:28

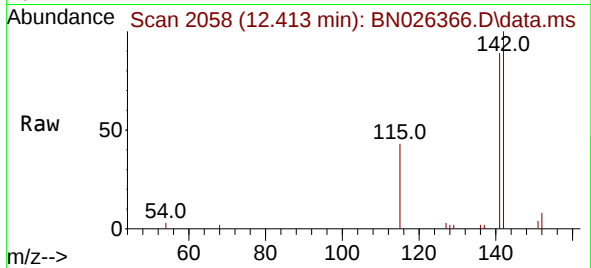
Tgt Ion:128 Resp: 16651
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 14.0 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 12.413 min Scan# 2058
Delta R.T. -0.002 min
Lab File: BN026366.D
Acq: 07 Jul 2023 19:28

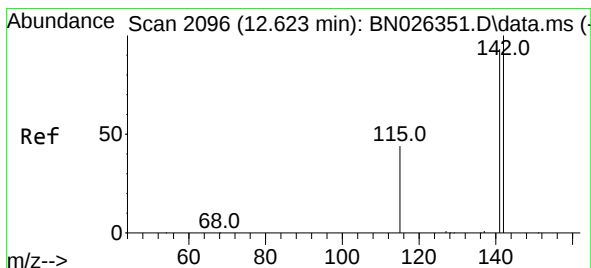
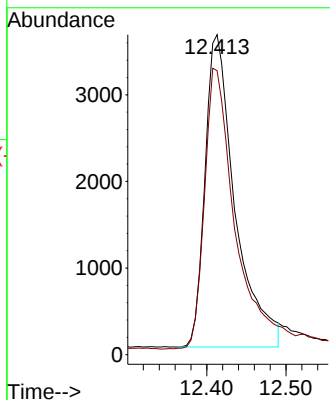
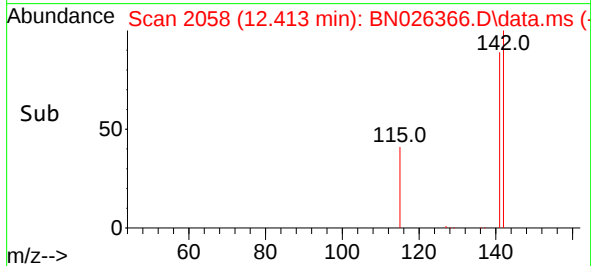
Instrument :
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ClientSampleId :
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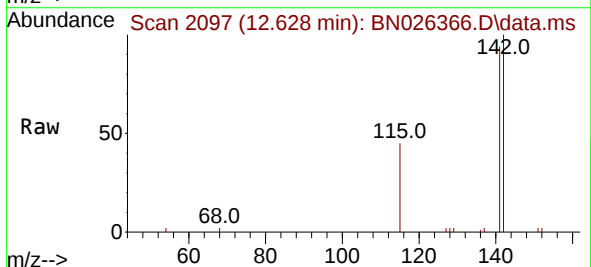
Tgt Ion:142 Resp: 949
Ion Ratio Lower Upper
142 100
141 90.9 71.9 107.9

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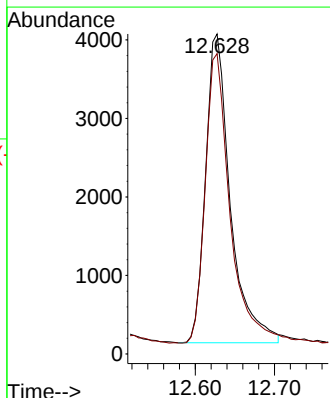
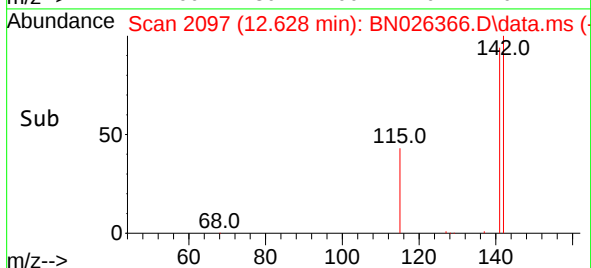
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :Sohil Jodhani 07/07/2023

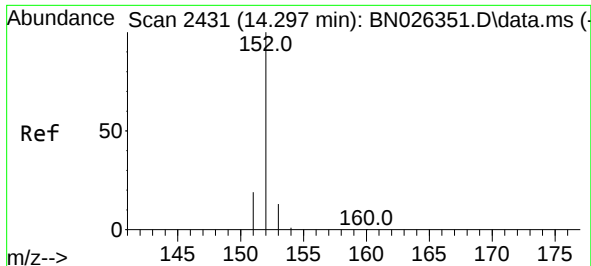


#8
1-Methylnaphthalene
Concen: 0.253 ng/ul
RT: 12.628 min Scan# 2097
Delta R.T. -0.002 min
Lab File: BN026366.D
Acq: 07 Jul 2023 19:28



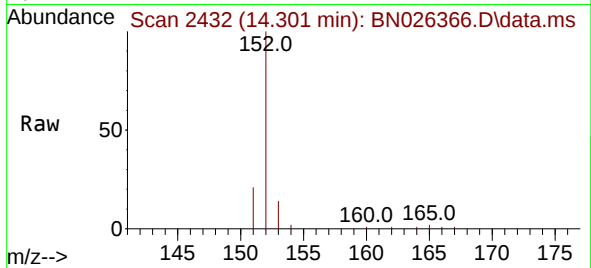
Tgt Ion:142 Resp: 8552
Ion Ratio Lower Upper
142 100
141 93.3 74.2 111.4





#10
Acenaphthylene
Concen: 0.329 ng/ul
RT: 14.301 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BN026366.D
Acq: 07 Jul 2023 19:28

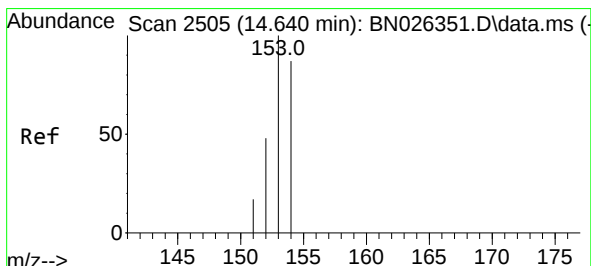
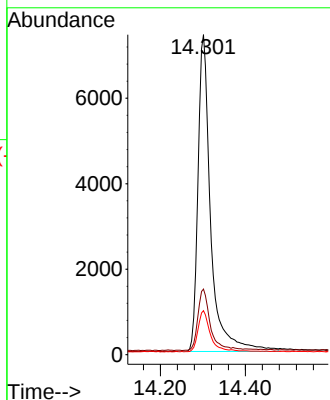
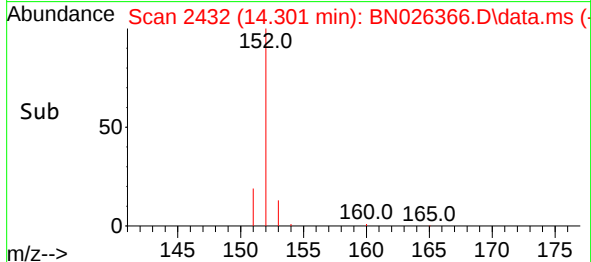
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 15397
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.7 10.9 16.3

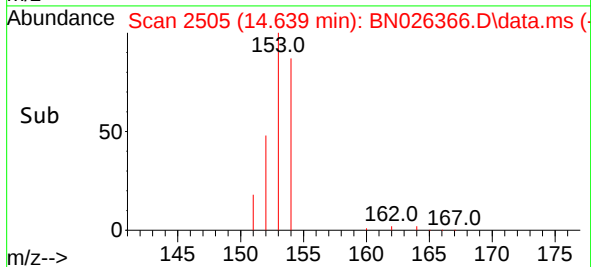
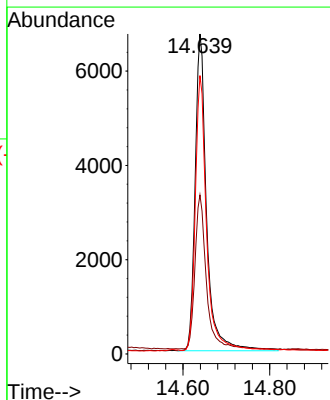
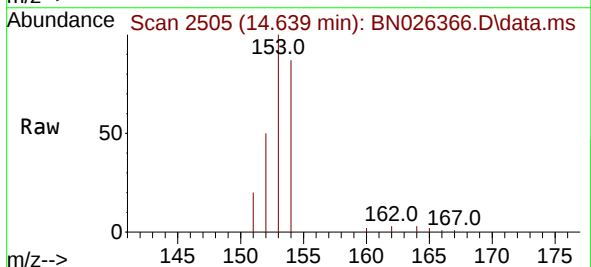
Manual Integrations
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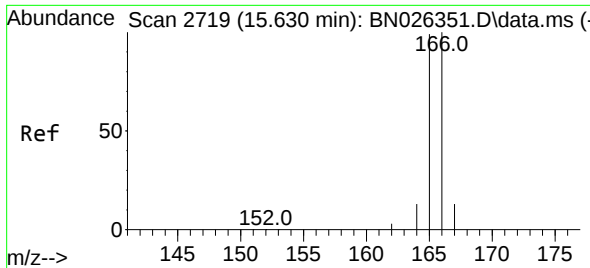
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :Sohil Jodhani 07/07/2023



#11
Acenaphthene
Concen: 0.322 ng/ul
RT: 14.639 min Scan# 2505
Delta R.T. -0.005 min
Lab File: BN026366.D
Acq: 07 Jul 2023 19:28

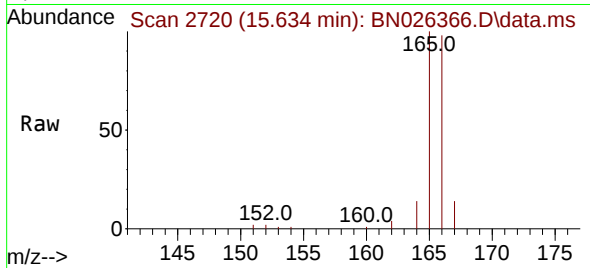
Tgt Ion:153 Resp: 12350
Ion Ratio Lower Upper
153 100
152 49.7 39.4 59.0
154 87.0 68.9 103.3





#12
Fluorene
Concen: 0.282 ng/ul
RT: 15.634 min Scan# 2719
Delta R.T. -0.001 min
Lab File: BN026366.D
Acq: 07 Jul 2023 19:28

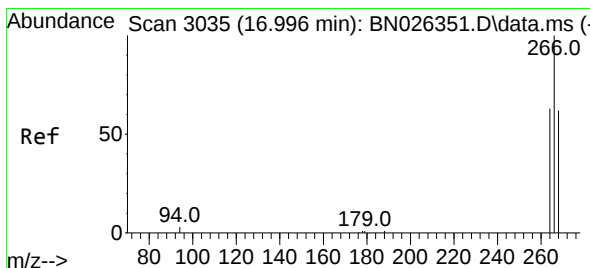
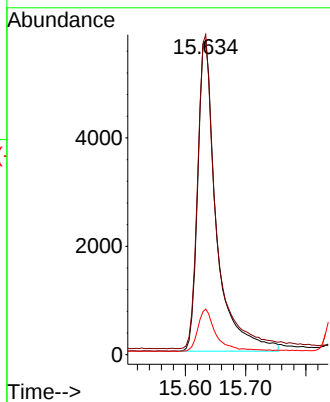
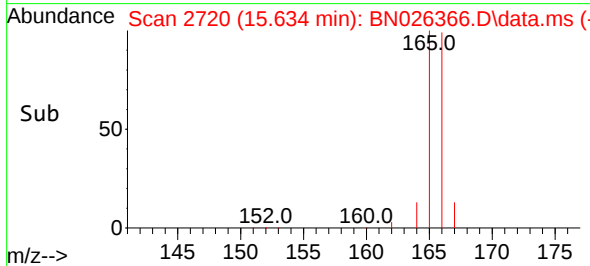
Instrument :
BNA_N
ClientSampleId :
SLCS603



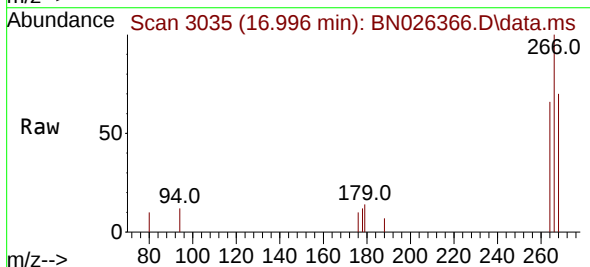
Tgt Ion:166 Resp: 12400
Ion Ratio Lower Upper
166 100
165 101.8 79.9 119.9
167 14.5 10.8 16.2

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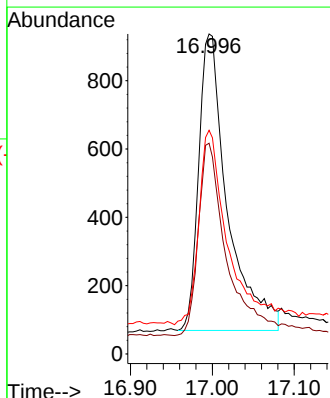
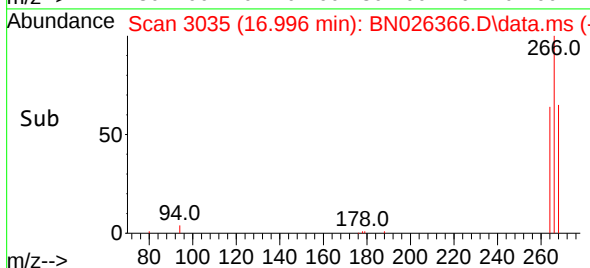
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :Sohil Jodhani 07/07/2023

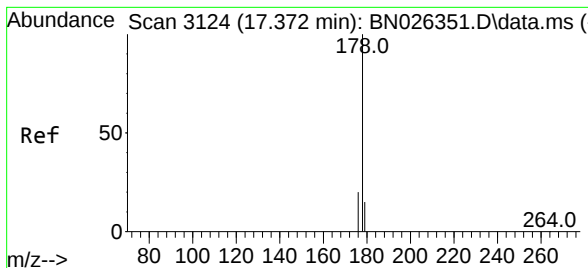


#14
Pentachlorophenol
Concen: 0.351 ng/ul
RT: 16.996 min Scan# 3035
Delta R.T. -0.005 min
Lab File: BN026366.D
Acq: 07 Jul 2023 19:28



Tgt Ion:266 Resp: 2114
Ion Ratio Lower Upper
266 100
264 63.7 50.5 75.7
268 66.6 51.6 77.4





#15

Phenanthrene

Concen: 0.292 ng/ul

RT: 17.376 min Scan# 3124

Delta R.T. -0.001 min

Lab File: BN026366.D

Acq: 07 Jul 2023 19:28

Instrument :

BNA_N

ClientSampleId :

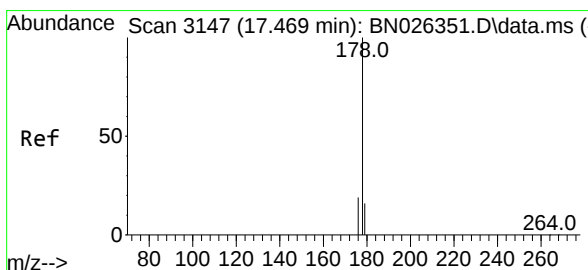
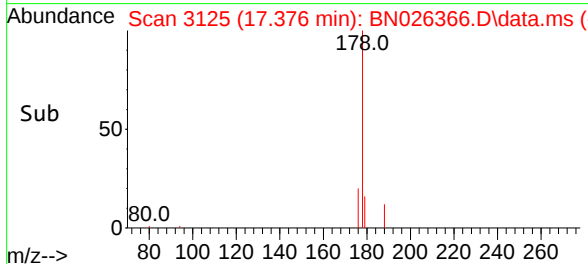
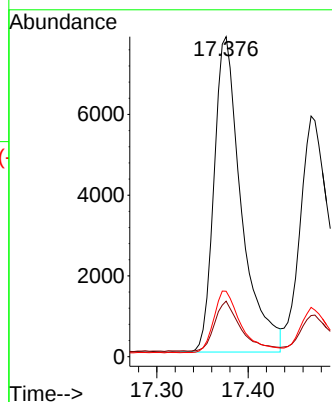
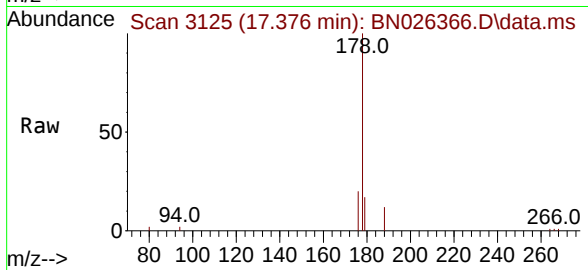
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Tgt Ion:	178	Resp:	1624
Ion Ratio	Lower	Upper	
178	100		
179	17.4	12.6	19.0
176	20.5	15.8	23.6

Manual Integrations

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Supervised By :Sohil Jodhani 07/07/2023



#16

Anthracene

Concen: 0.283 ng/ul

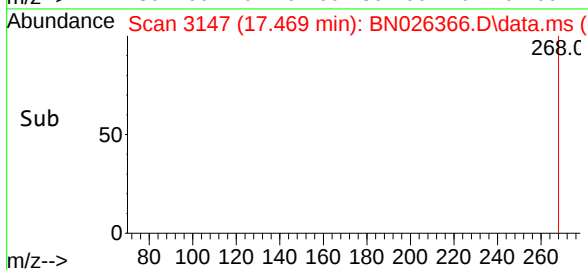
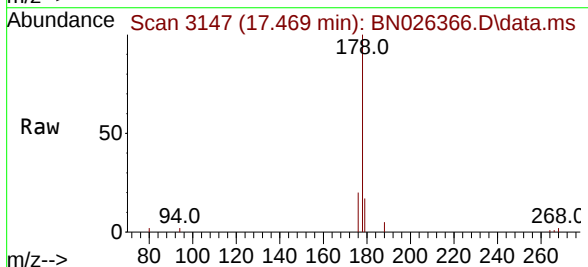
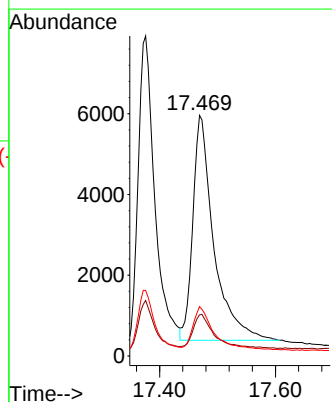
RT: 17.469 min Scan# 3147

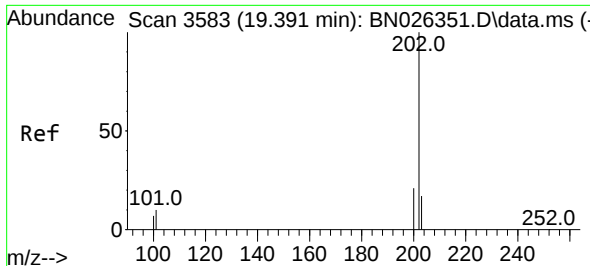
Delta R.T. -0.005 min

Lab File: BN026366.D

Acq: 07 Jul 2023 19:28

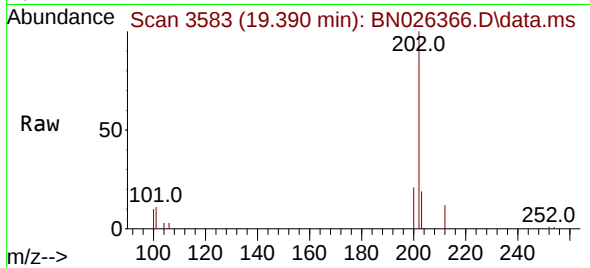
Tgt Ion:	178	Resp:	13995
Ion Ratio	Lower	Upper	
178	100		
179	17.1	12.6	18.8
176	20.5	15.1	22.7





#19
Fluoranthene
Concen: 0.323 ng/ul
RT: 19.390 min Scan# 3583
Delta R.T. -0.006 min
Lab File: BN026366.D
Acq: 07 Jul 2023 19:28

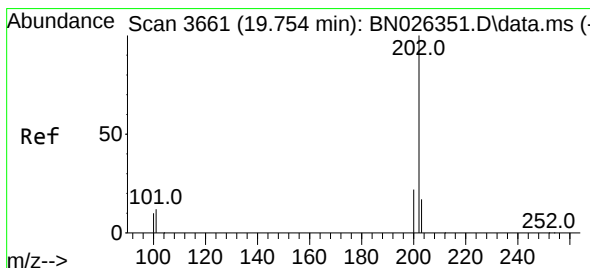
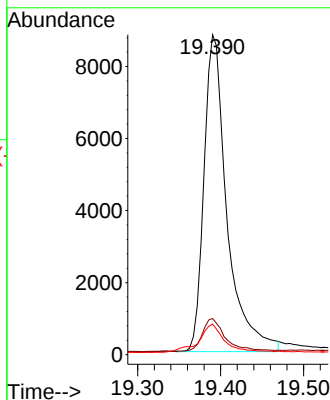
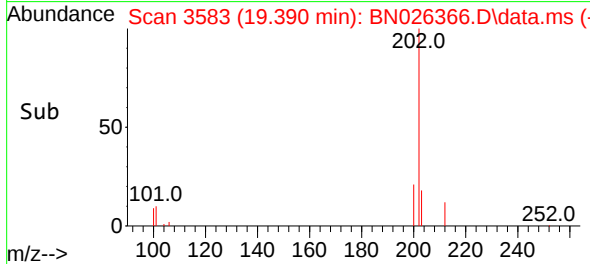
Instrument :
BNA_N
ClientSampleId :
SLCS603



Tgt Ion:202 Resp: 1702
Ion Ratio Lower Upper
202 100
101 11.3 9.5 14.3
100 9.5 7.3 10.9

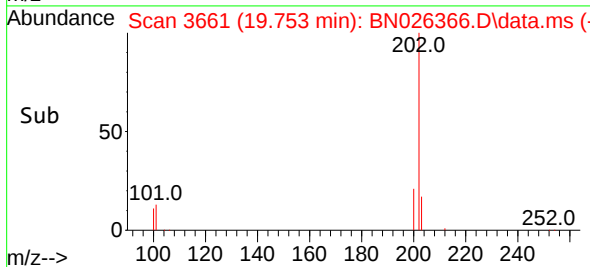
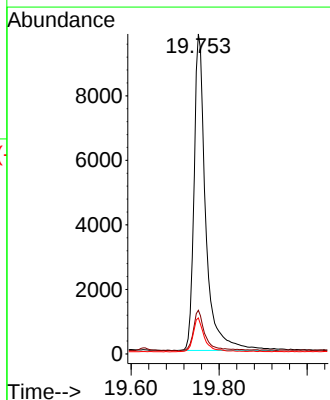
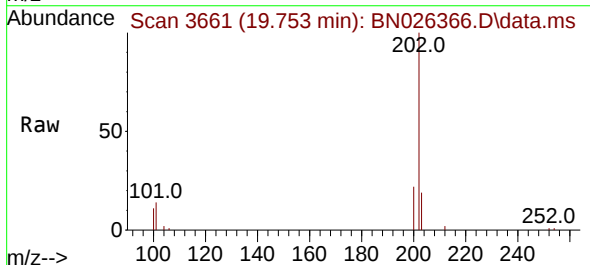
Manual Integrations
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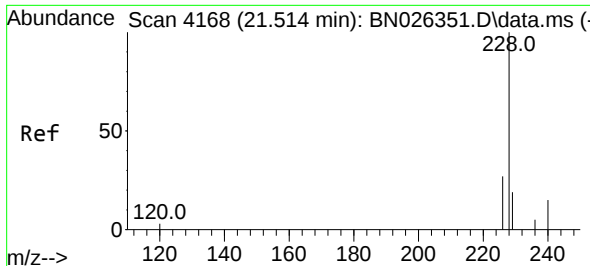
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :Sohil Jodhani 07/07/2023



#20
Pyrene
Concen: 0.331 ng/ul
RT: 19.753 min Scan# 3661
Delta R.T. -0.006 min
Lab File: BN026366.D
Acq: 07 Jul 2023 19:28

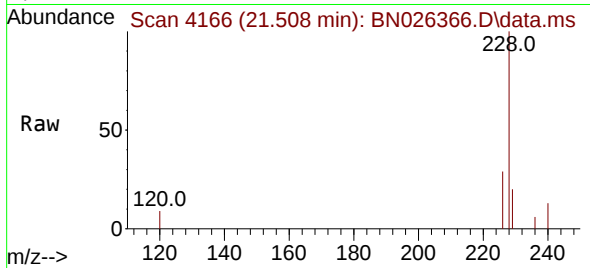
Tgt Ion:202 Resp: 18145
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 11.2 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.308 ng/ul
RT: 21.508 min Scan# 4166
Delta R.T. -0.007 min
Lab File: BN026366.D
Acq: 07 Jul 2023 19:28

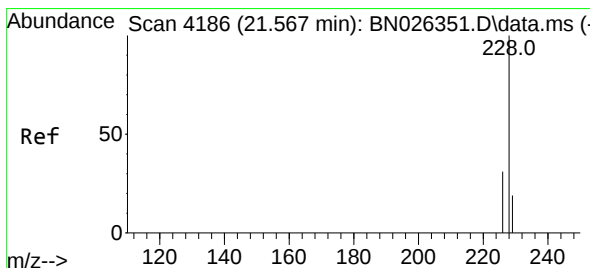
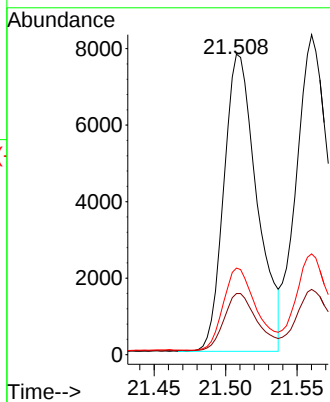
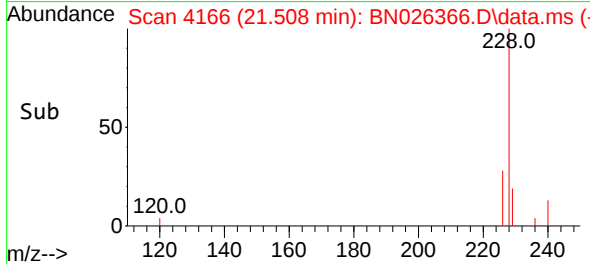
Instrument :
BNA_N
ClientSampleId :
SLCS603



Tgt Ion:228 Resp: 12552
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.6
226 28.8 22.5 33.7

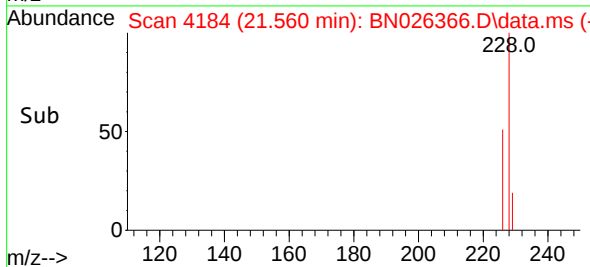
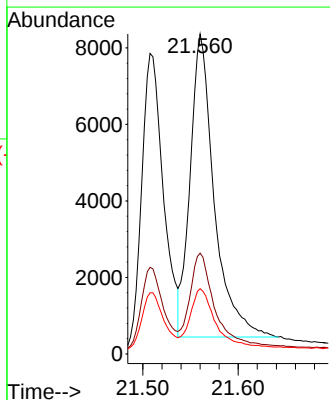
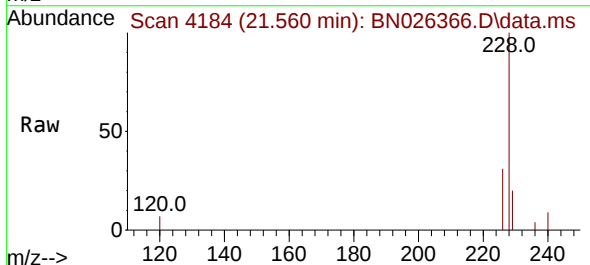
Manual Integrations
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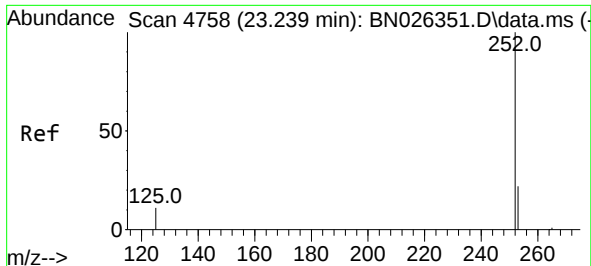
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :Sohil Jodhani 07/07/2023



#22
Chrysene
Concen: 0.328 ng/ul
RT: 21.560 min Scan# 4184
Delta R.T. -0.004 min
Lab File: BN026366.D
Acq: 07 Jul 2023 19:28

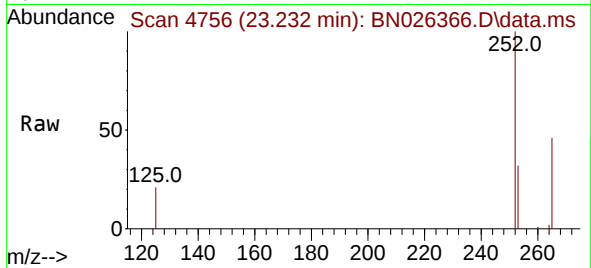
Tgt Ion:228 Resp: 13905
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 20.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.318 ng/ul
RT: 23.232 min Scan# 4756
Delta R.T. -0.007 min
Lab File: BN026366.D
Acq: 07 Jul 2023 19:28

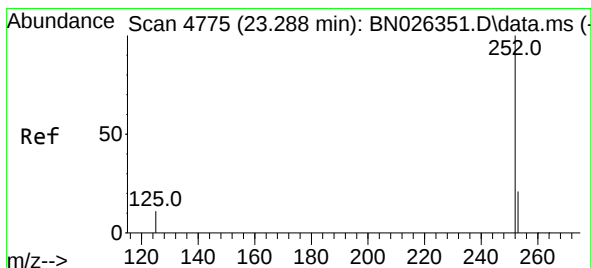
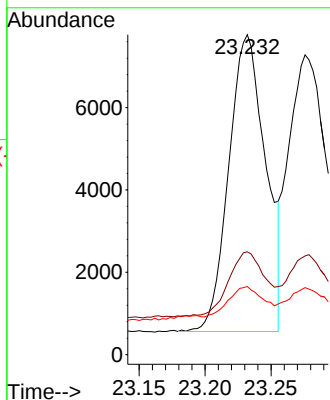
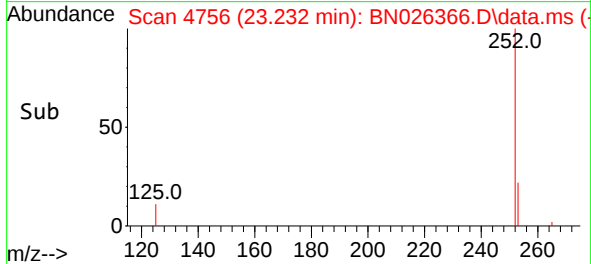
Instrument :
BNA_N
ClientSampleId :
SLCS603



Tgt Ion:252 Resp: 13989
Ion Ratio Lower Upper
252 100
253 32.1 0.0 55.6
125 21.3 0.0 35.8

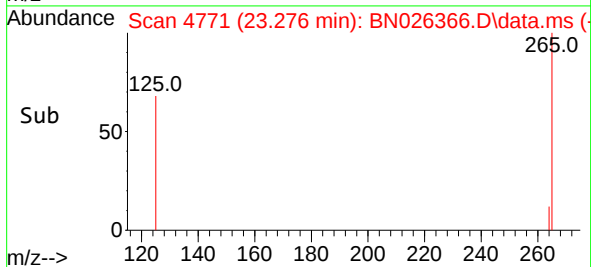
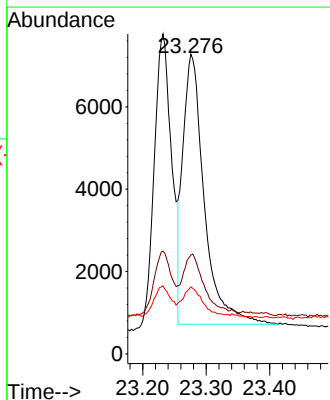
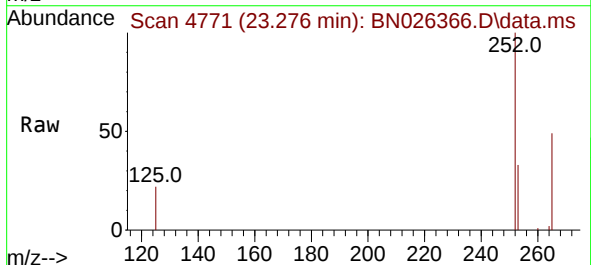
Manual Integrations
APPROVED

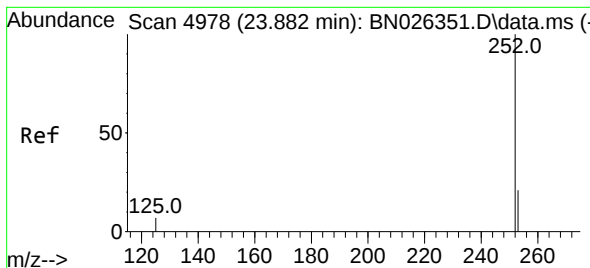
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :Sohil Jodhani 07/07/2023



#25
Benzo(k)fluoranthene
Concen: 0.347 ng/ul
RT: 23.276 min Scan# 4771
Delta R.T. -0.010 min
Lab File: BN026366.D
Acq: 07 Jul 2023 19:28

Tgt Ion:252 Resp: 15345
Ion Ratio Lower Upper
252 100
253 32.9 23.2 34.8
125 22.4 15.0 22.4





#26

Benzo(a)pyrene

Concen: 0.344 ng/ul

RT: 23.881 min Scan# 4978

Delta R.T. -0.004 min

Lab File: BN026366.D

Acq: 07 Jul 2023 19:28

Instrument :

BNA_N

ClientSampleId :

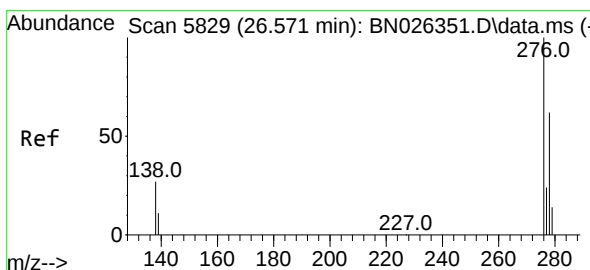
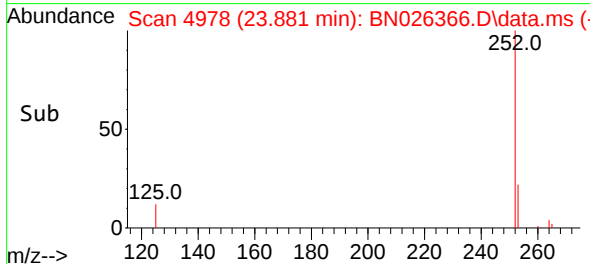
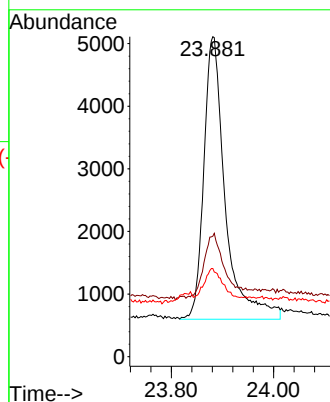
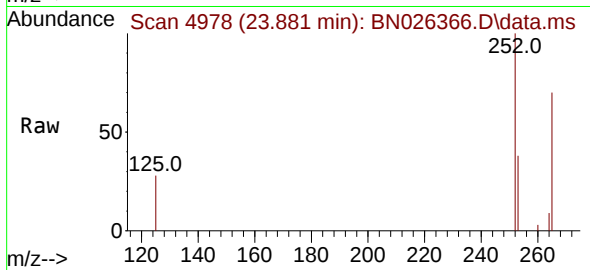
SLCS603

Tgt Ion:	252	Resp:	1312
Ion Ratio	Lower	Upper	
252	100		
253	37.7	26.0	39.0
125	27.6	17.3	25.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023
Supervised By :Sohil Jodhani 07/07/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.397 ng/ul

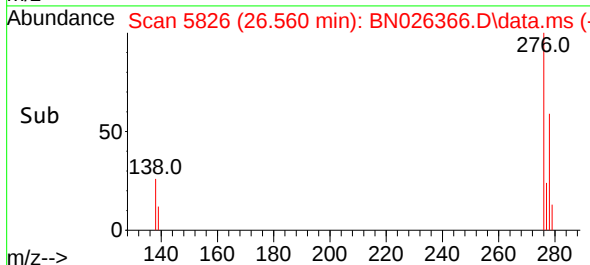
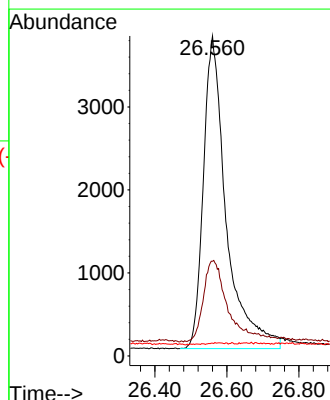
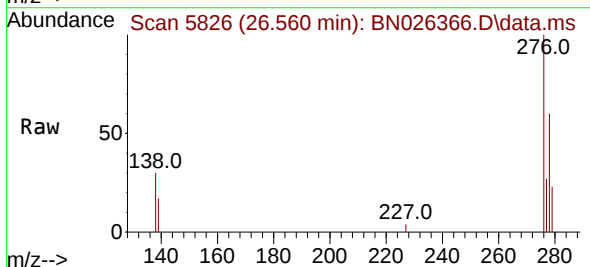
RT: 26.560 min Scan# 5826

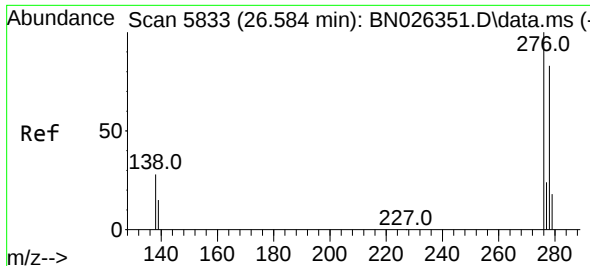
Delta R.T. -0.011 min

Lab File: BN026366.D

Acq: 07 Jul 2023 19:28

Tgt Ion:	276	Resp:	16543
Ion Ratio	Lower	Upper	
276	100		
138	28.4	24.5	36.7
227	0.3	0.0	0.0





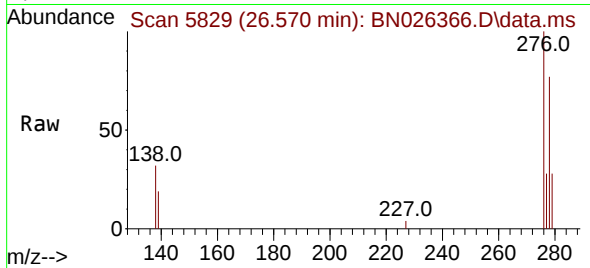
#28
Dibenzo(a,h)anthracene
Concen: 0.400 ng/ul
RT: 26.570 min Scan# 5833
Delta R.T. -0.014 min
Lab File: BN026366.D
Acq: 07 Jul 2023 19:28

Instrument :

BNA_N

ClientSampleId :

SLCS603

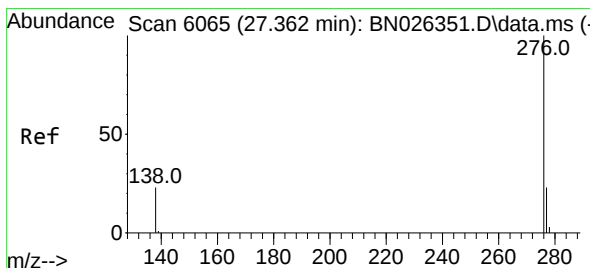
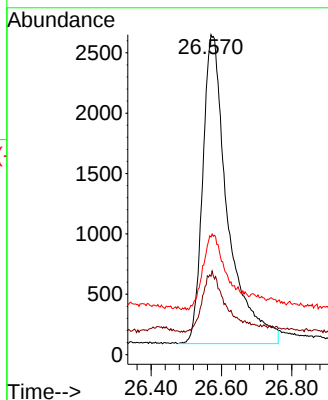
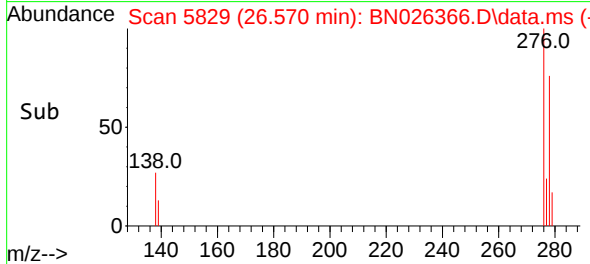


Tgt Ion:278 Resp: 12638
Ion Ratio Lower Upper
278 100
139 24.5 19.0 28.4
279 36.7 26.7 40.1

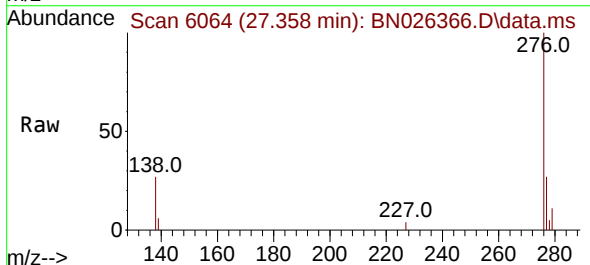
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023
Supervised By :Sohil Jodhani 07/07/2023



#29
Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 27.358 min Scan# 6064
Delta R.T. -0.014 min
Lab File: BN026366.D
Acq: 07 Jul 2023 19:28



Tgt Ion:276 Resp: 14918
Ion Ratio Lower Upper
276 100
138 27.2 23.4 35.0
277 26.9 20.0 30.0

