

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023366.D
 Acq On : 23 Dec 2022 09:46
 Operator : CG/JU
 Sample : N6006-18DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXQ6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2022
 Supervised By :Jagrut Upadhyay 12/24/2022

Quant Time: Dec 23 22:25:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.994	152	5683	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	19298	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	11458	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	26935	0.400	ng/ul	0.00
17) Chrysene-d12	21.581	240	21457	0.400	ng/ul	# 0.00
23) Perylene-d12	24.030	264	16860	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	8908	1.443	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	2963	0.099	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	7388	0.095	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.859	128	2187	0.039	ng/ul#	90
7) 2-Methylnaphthalene	12.470	142	1009	0.028	ng/ul	99
8) 1-Methylnaphthalene	12.690	142	813	0.022	ng/ul	98
10) Acenaphthylene	14.363	152	1718	0.034	ng/ul#	85
11) Acenaphthene	14.705	153	1111	0.026	ng/ul	99
12) Fluorene	15.691	166	1053	0.022	ng/ul#	94
15) Phenanthrene	17.432	178	27670	0.316	ng/ul	99
16) Anthracene	17.525	178	4410	0.061	ng/ul#	94
19) Fluoranthene	19.448	202	59320	0.570	ng/ul	98
20) Pyrene	19.815	202	48272m	0.460	ng/ul	
21) Benzo(a)anthracene	21.563	228	25336	0.303	ng/ul	97
22) Chrysene	21.619	228	29130	0.343	ng/ul#	88
24) Benzo(b)fluoranthene	23.285	252	36478m	0.418	ng/ul	
25) Benzo(k)fluoranthene	23.326	252	11377m	0.139	ng/ul	
26) Benzo(a)pyrene	23.922	252	20572	0.298	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.587	276	14325	0.178	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.600	278	3656	0.058	ng/ul#	50
29) Benzo(g,h,i)perylene	27.378	276	12046	0.183	ng/ul#	84

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

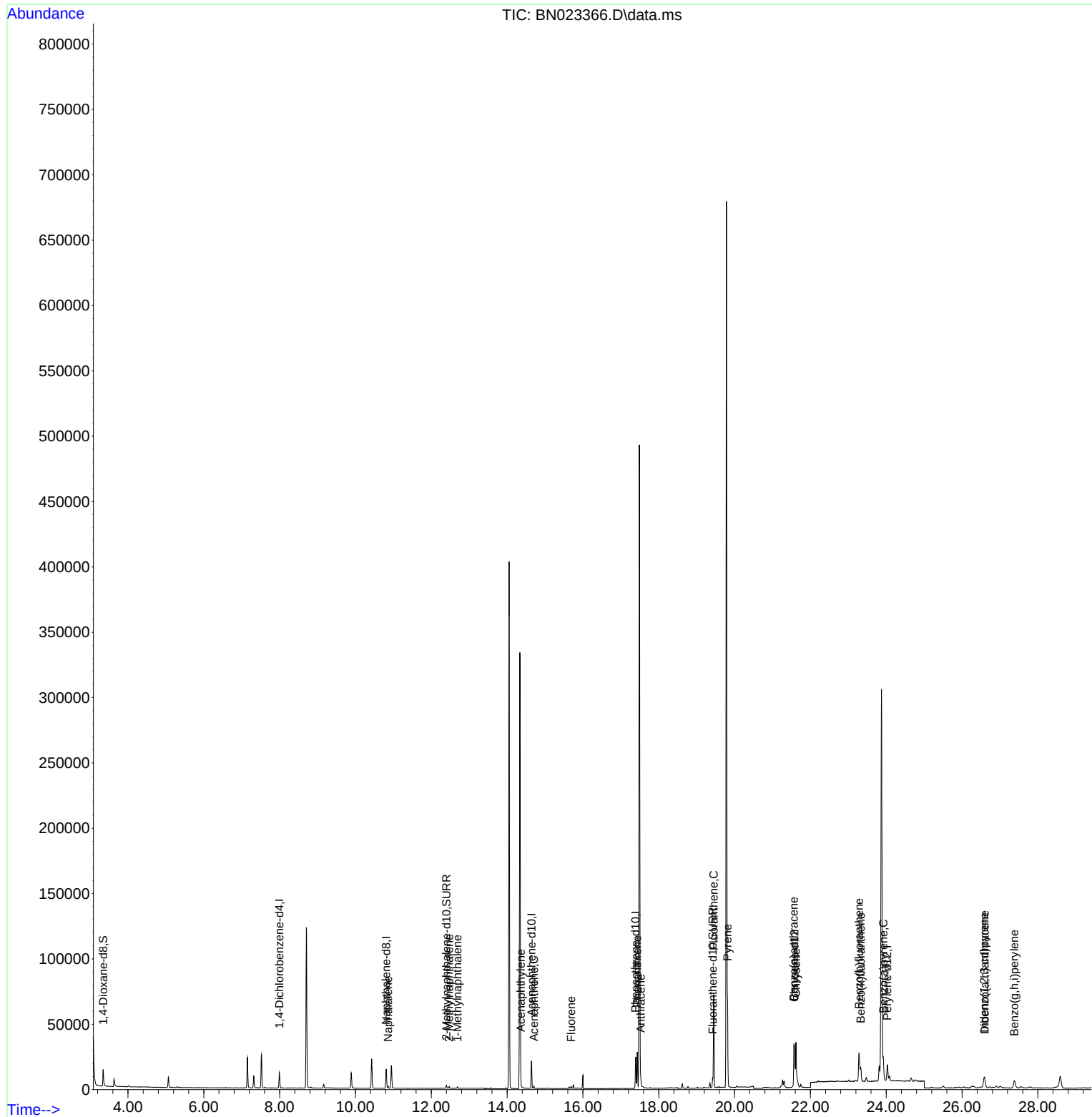
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
Data File : BN023366.D
Acq On : 23 Dec 2022 09:46
Operator : CG/JU
Sample : N6006-18DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

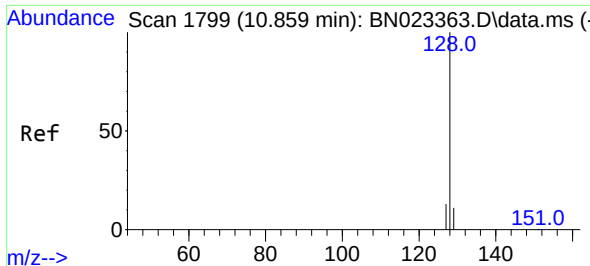
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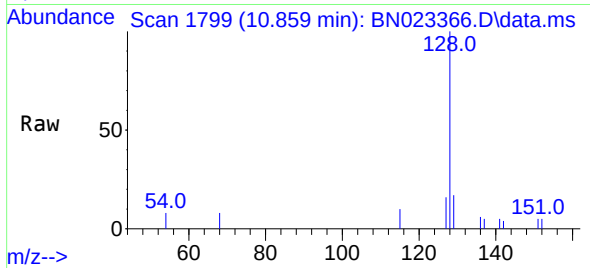
Quant Time: Dec 23 22:25:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.039 ng/u1
RT: 10.859 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BN023366.D
Acq: 23 Dec 2022 09:46

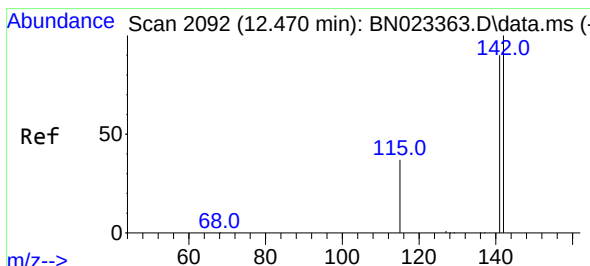
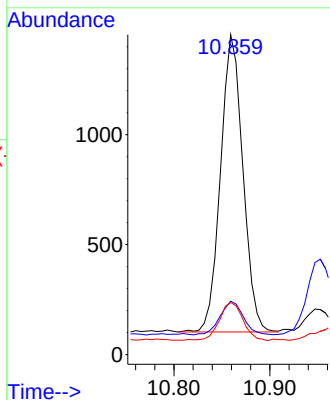
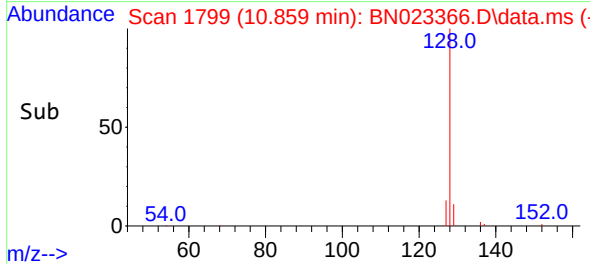
Instrument :
BNA_N
ClientSampleId :
DBXQ6DL



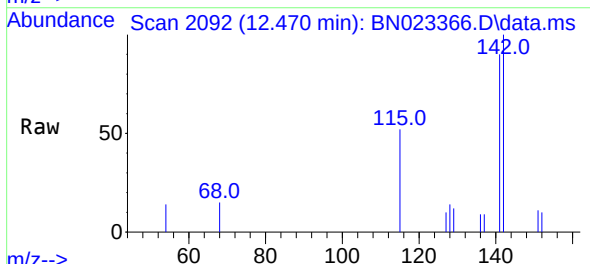
Tgt Ion:128 Resp: 218
Ion Ratio Lower Upper
128 100
129 16.7 9.0 13.4
127 16.3 10.7 16.1

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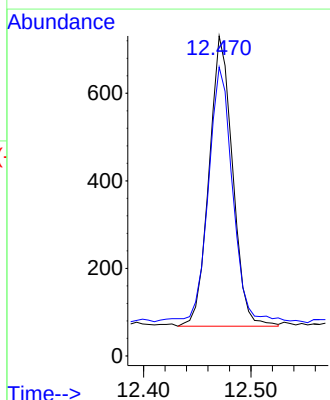
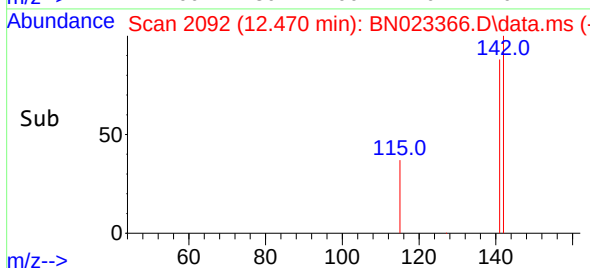
Reviewed By :Yogesh Patel 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

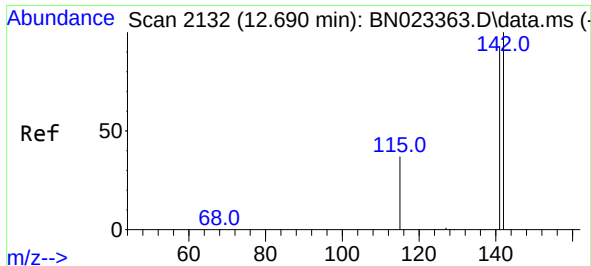


#7
2-Methylnaphthalene
Concen: 0.028 ng/u1
RT: 12.470 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BN023366.D
Acq: 23 Dec 2022 09:46



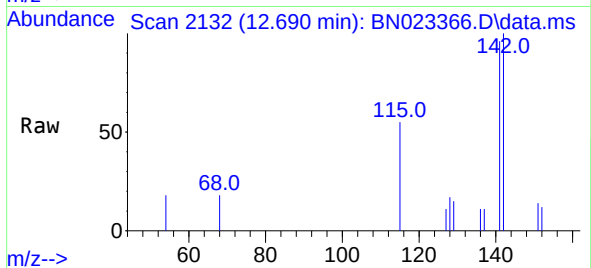
Tgt Ion:142 Resp: 1009
Ion Ratio Lower Upper
142 100
141 90.5 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.690 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BN023366.D
Acq: 23 Dec 2022 09:46

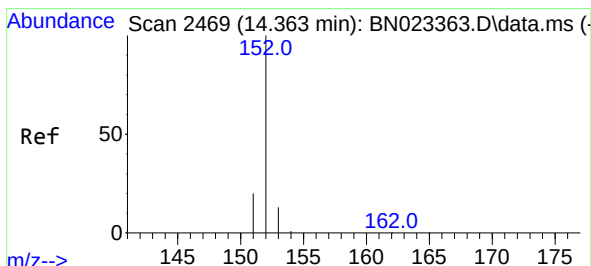
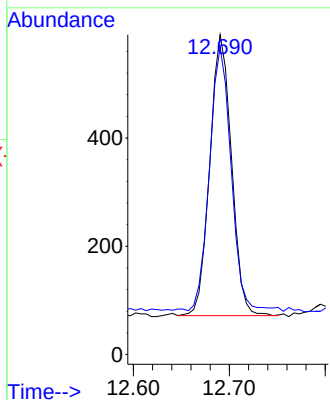
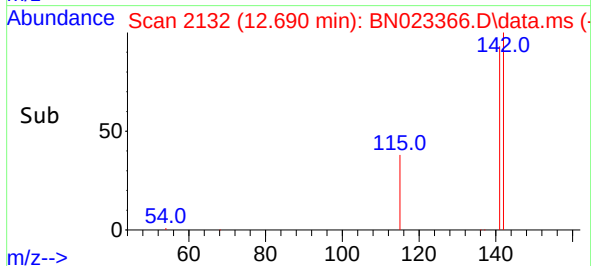
Instrument :
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Tgt Ion:142 Resp: 811
Ion Ratio Lower Upper
142 100
141 94.3 74.0 111.0

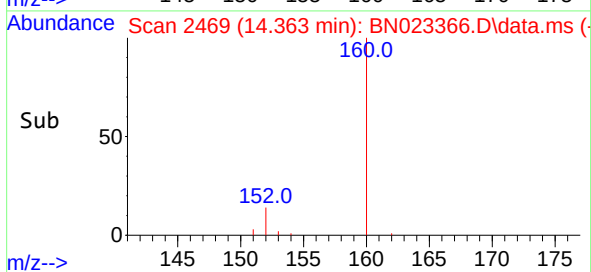
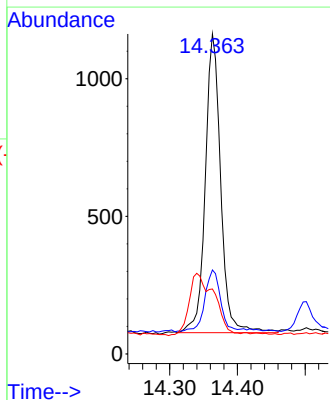
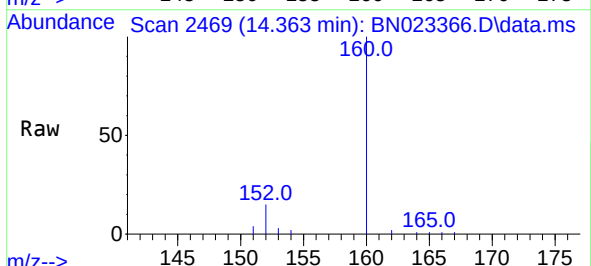
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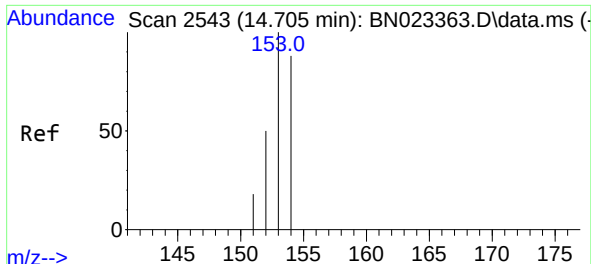
Reviewed By :Yogesh Patel 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.363 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN023366.D
Acq: 23 Dec 2022 09:46

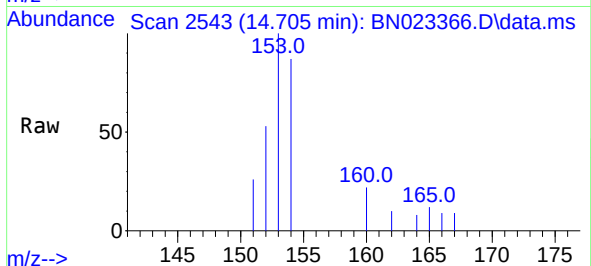
Tgt Ion:152 Resp: 1718
Ion Ratio Lower Upper
152 100
151 26.2 16.1 24.1#
153 20.3 10.9 16.3#





#11
Acenaphthene
Concen: 0.026 ng/u1
RT: 14.705 min Scan# 2543
Delta R.T. -0.001 min
Lab File: BN023366.D
Acq: 23 Dec 2022 09:46

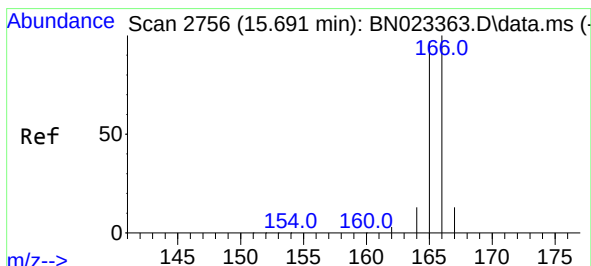
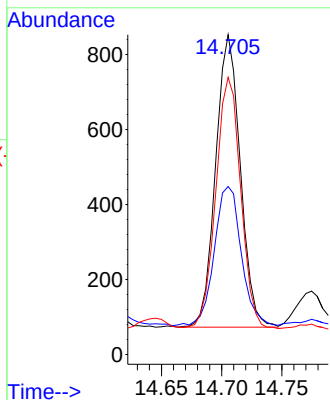
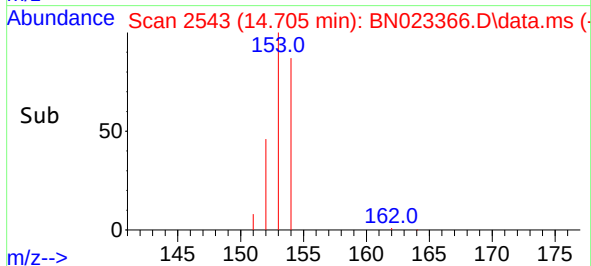
Instrument :
BNA_N
ClientSampleId :
DBXQ6DL



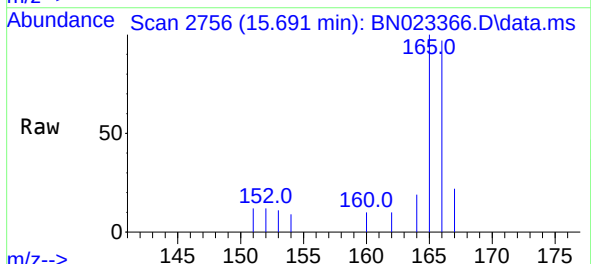
Tgt Ion:153 Resp: 111
Ion Ratio Lower Upper
153 100
152 52.5 41.0 61.4
154 86.6 69.5 104.3

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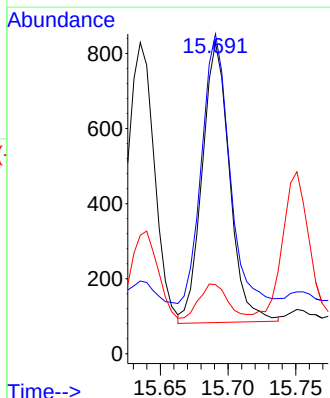
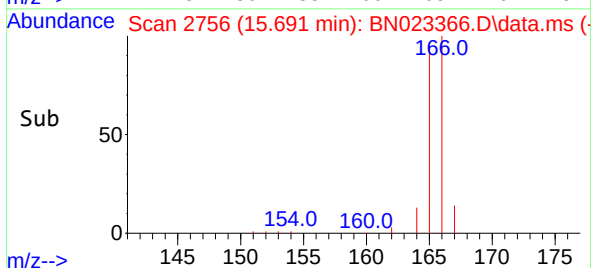
Reviewed By :Yogesh Patel 12/24/2022
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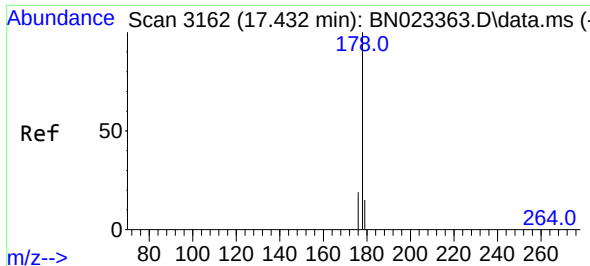


#12
Fluorene
Concen: 0.022 ng/u1
RT: 15.691 min Scan# 2756
Delta R.T. -0.001 min
Lab File: BN023366.D
Acq: 23 Dec 2022 09:46



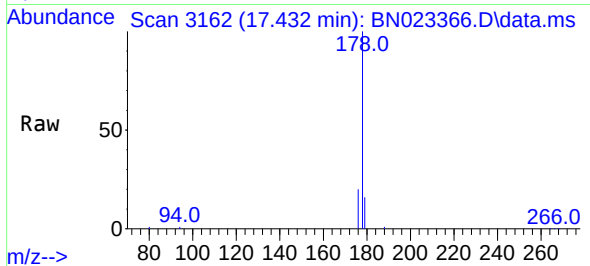
Tgt Ion:166 Resp: 1053
Ion Ratio Lower Upper
166 100
165 102.8 79.1 118.7
167 22.2 11.0 16.4#





#15
Phenanthrene
Concen: 0.316 ng/u1
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023366.D
Acq: 23 Dec 2022 09:46

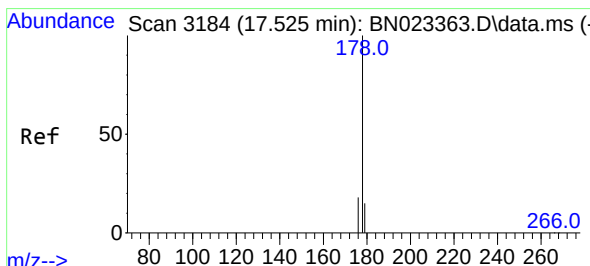
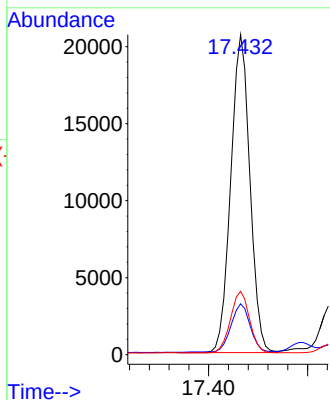
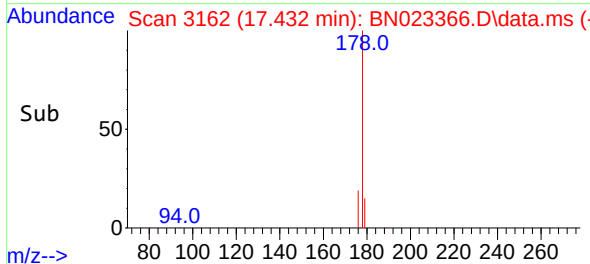
Instrument :
BNA_N
ClientSampleId :
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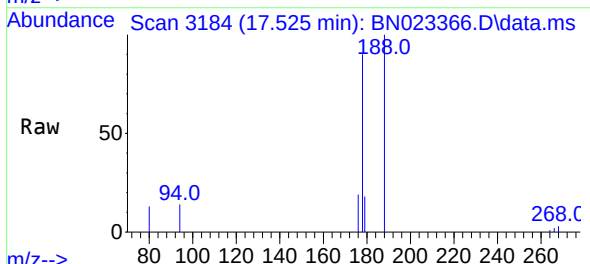
Tgt Ion:178 Resp: 27670
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 19.8 15.7 23.5

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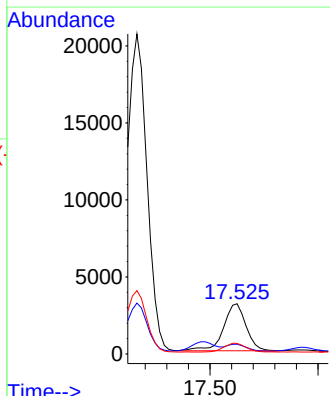
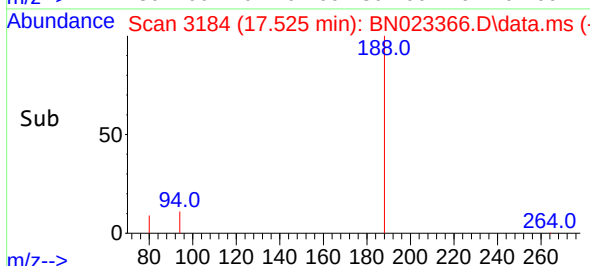
Reviewed By :Yogesh Patel 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

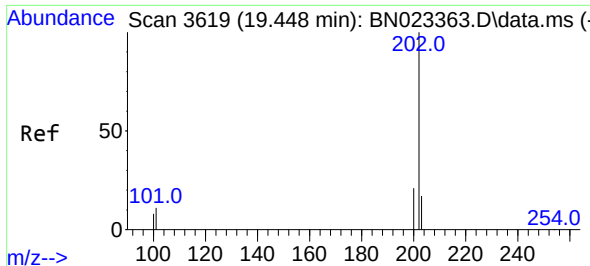


#16
Anthracene
Concen: 0.061 ng/u1
RT: 17.525 min Scan# 3184
Delta R.T. -0.001 min
Lab File: BN023366.D
Acq: 23 Dec 2022 09:46



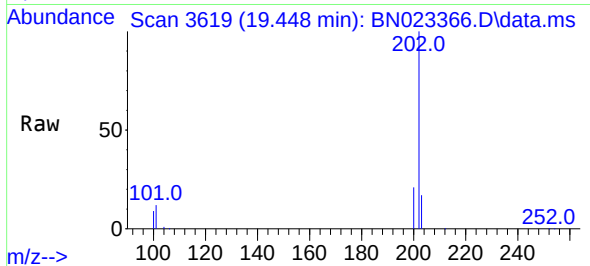
Tgt Ion:178 Resp: 4410
Ion Ratio Lower Upper
178 100
179 19.5 12.6 18.8#
176 21.0 15.4 23.0





#19
Fluoranthene
Concen: 0.570 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023366.D
Acq: 23 Dec 2022 09:46

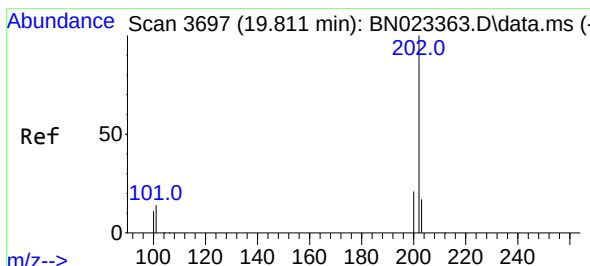
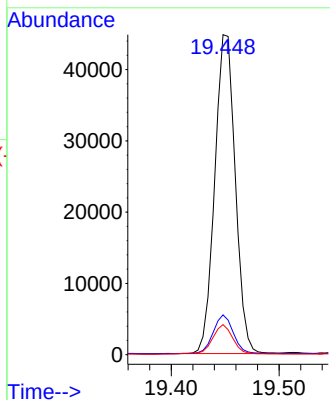
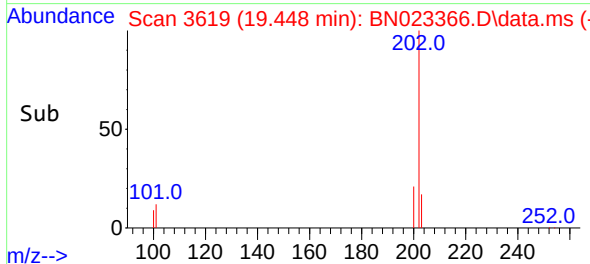
Instrument :
BNA_N
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DBXQ6DL



Tgt Ion:202 Resp: 59320
Ion Ratio Lower Upper
202 100
101 12.4 9.4 14.2
100 9.4 7.0 10.6

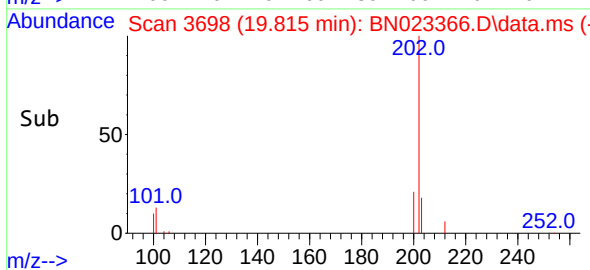
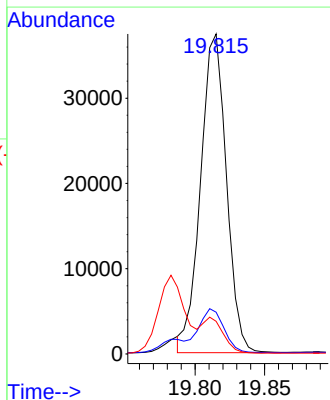
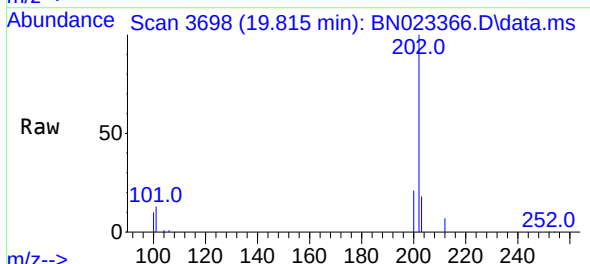
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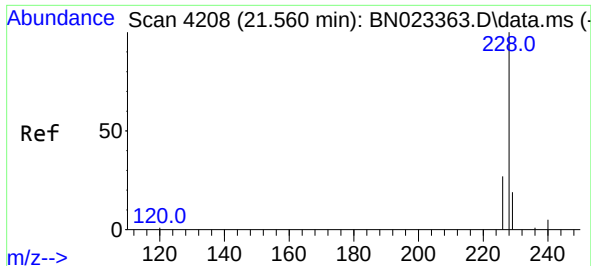
Reviewed By :Yogesh Patel 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#20
Pyrene
Concen: 0.460 ng/ul m
RT: 19.815 min Scan# 3698
Delta R.T. 0.004 min
Lab File: BN023366.D
Acq: 23 Dec 2022 09:46

Tgt Ion:202 Resp: 48272
Ion Ratio Lower Upper
202 100
101 13.0 11.3 16.9
100 10.2 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.303 ng/u1
RT: 21.563 min Scan# 4208
Delta R.T. 0.002 min
Lab File: BN023366.D
Acq: 23 Dec 2022 09:46

Instrument :

BNA_N

ClientSampleId :

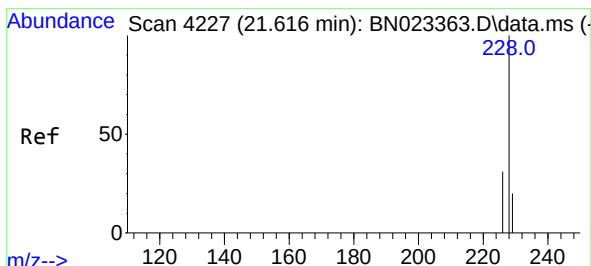
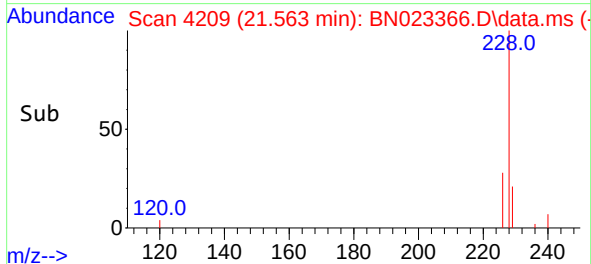
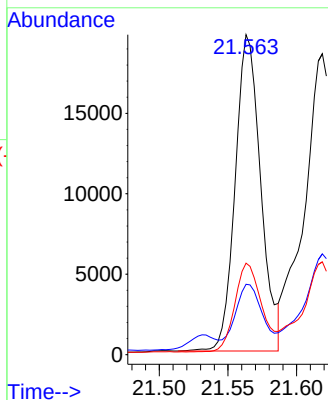
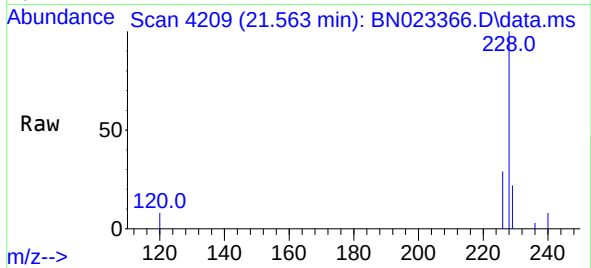
DBXQ6DL

Tgt Ion:228 Resp: 25330
Ion Ratio Lower Upper
228 100
229 22.0 15.6 23.4
226 28.6 22.2 33.2

Manual Integrations

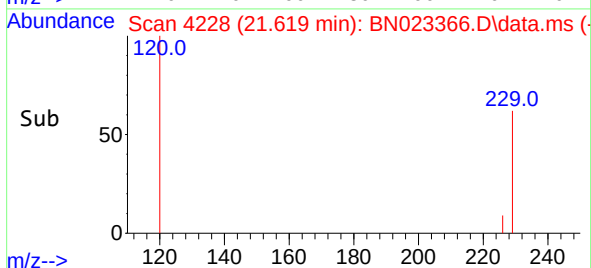
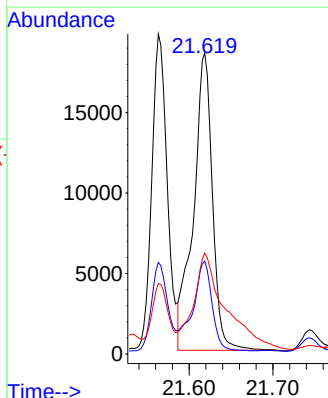
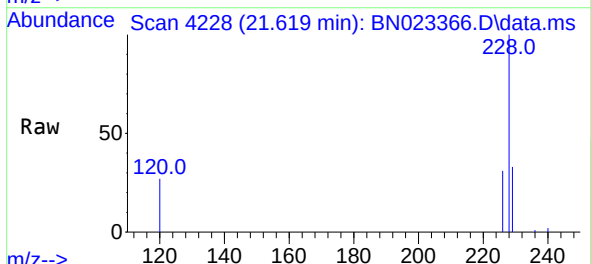
APPROVED

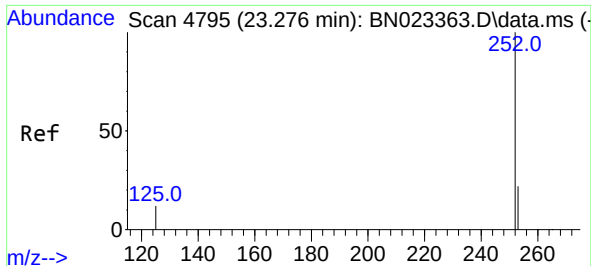
Reviewed By :Yogesh Patel 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#22
Chrysene
Concen: 0.343 ng/u1
RT: 21.619 min Scan# 4228
Delta R.T. 0.002 min
Lab File: BN023366.D
Acq: 23 Dec 2022 09:46

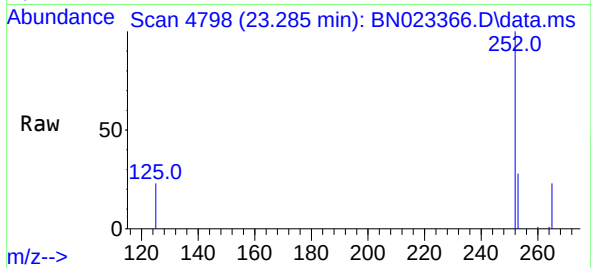
Tgt Ion:228 Resp: 29130
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 33.5 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.418 ng/ul m
RT: 23.285 min Scan# 4798
Delta R.T. 0.011 min
Lab File: BN023366.D
Acq: 23 Dec 2022 09:46

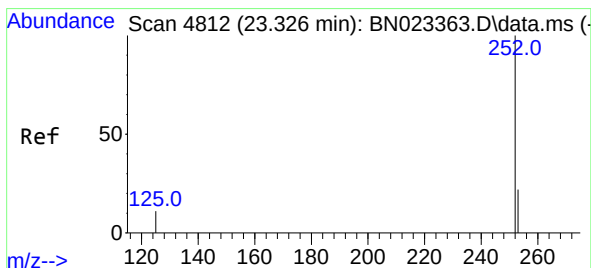
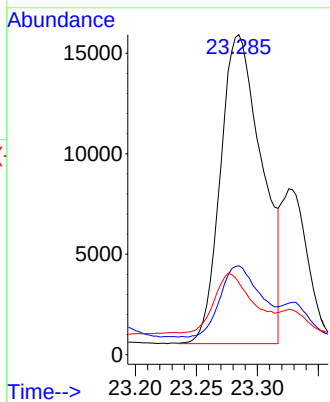
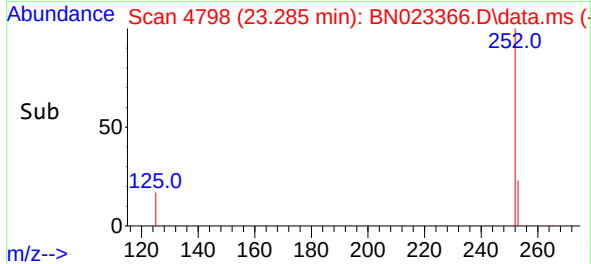
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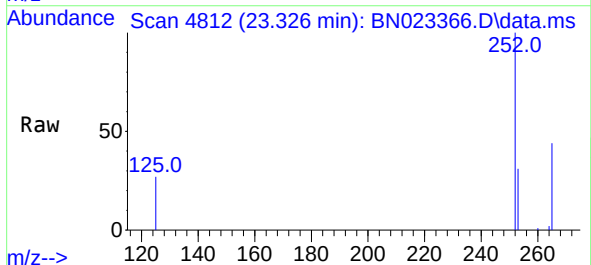
Tgt Ion:252 Resp: 36478
Ion Ratio Lower Upper
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253 27.8 0.0 49.2
125 22.5 0.0 31.8

Manual Integrations
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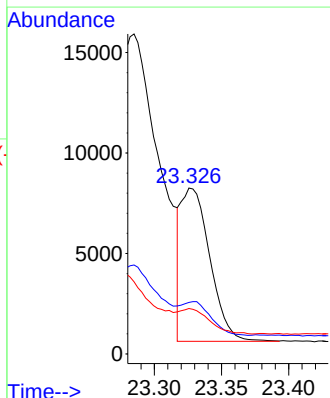
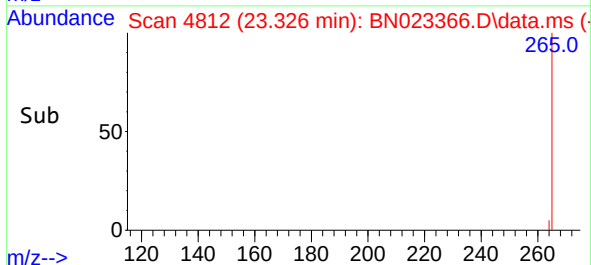
Reviewed By :Yogesh Patel 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

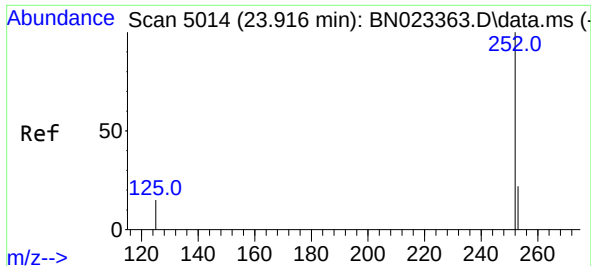


#25
Benzo(k)fluoranthene
Concen: 0.139 ng/ul m
RT: 23.326 min Scan# 4812
Delta R.T. 0.002 min
Lab File: BN023366.D
Acq: 23 Dec 2022 09:46



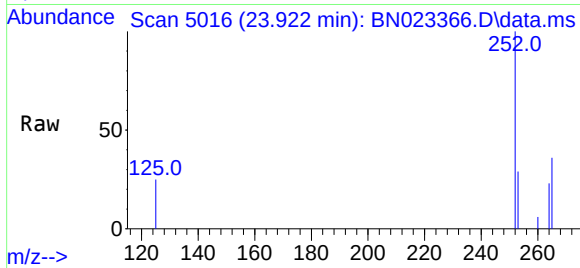
Tgt Ion:252 Resp: 11377
Ion Ratio Lower Upper
252 100
253 31.1 19.8 29.6#
125 27.3 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.298 ng/ul
RT: 23.922 min Scan# 5016
Delta R.T. 0.008 min
Lab File: BN023366.D
Acq: 23 Dec 2022 09:46

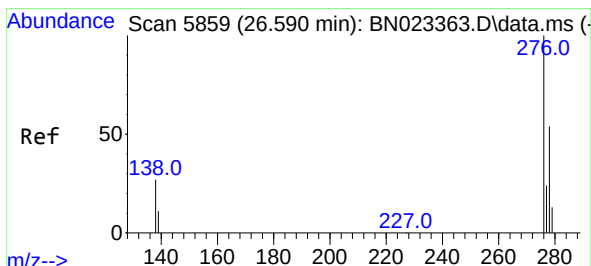
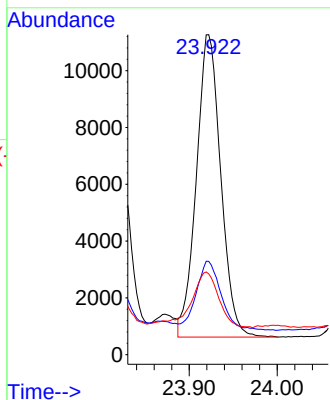
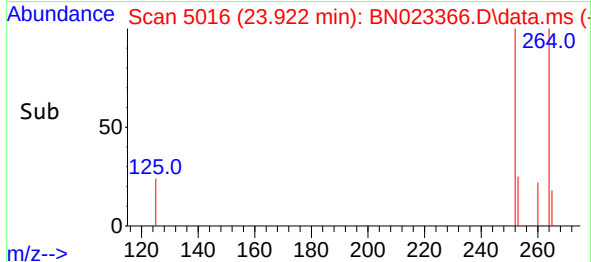
Instrument :
BNA_N
ClientSampleId :
DBXQ6DL



Tgt Ion:252 Resp: 20572
Ion Ratio Lower Upper
252 100
253 29.1 21.4 32.2
125 25.3 16.2 24.4

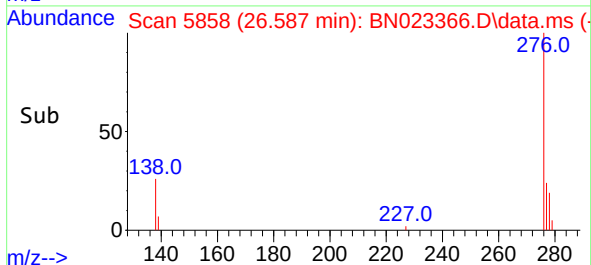
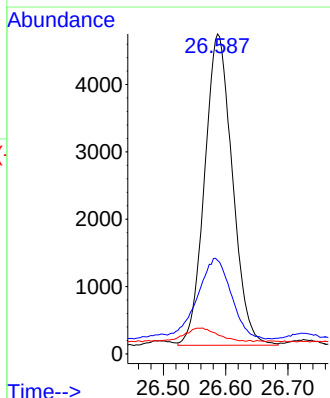
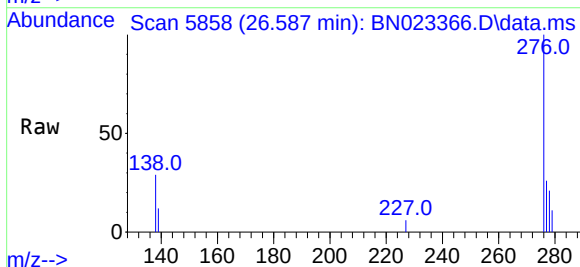
Manual Integrations
APPROVED

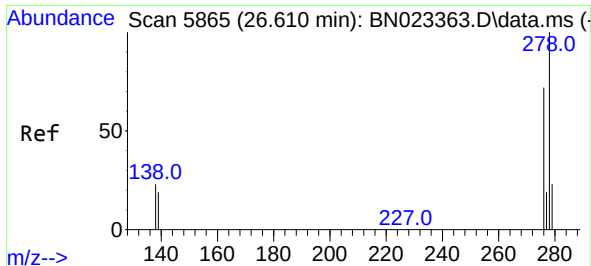
Reviewed By :Yogesh Patel 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.178 ng/ul
RT: 26.587 min Scan# 5858
Delta R.T. 0.009 min
Lab File: BN023366.D
Acq: 23 Dec 2022 09:46

Tgt Ion:276 Resp: 14325
Ion Ratio Lower Upper
276 100
138 31.5 23.4 35.2
227 0.0 0.0 0.0





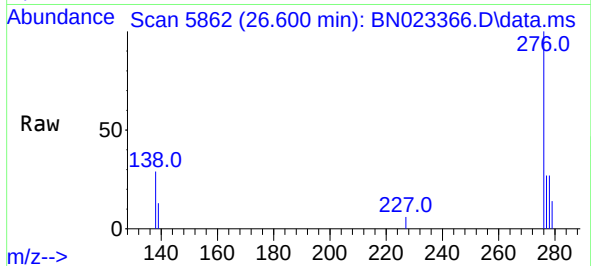
#28
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 26.600 min Scan# 5865
Delta R.T. -0.001 min
Lab File: BN023366.D
Acq: 23 Dec 2022 09:46

Instrument :

BNA_N

ClientSampleId :

DBXQ6DL

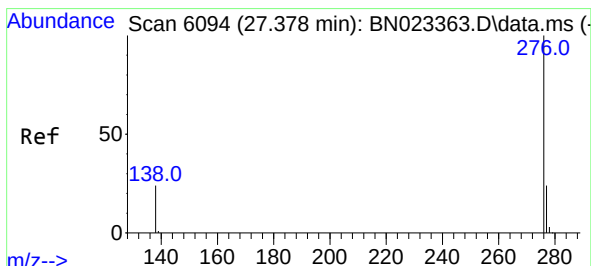
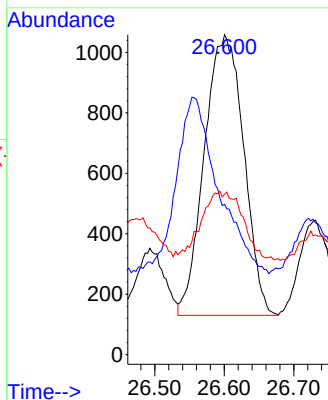
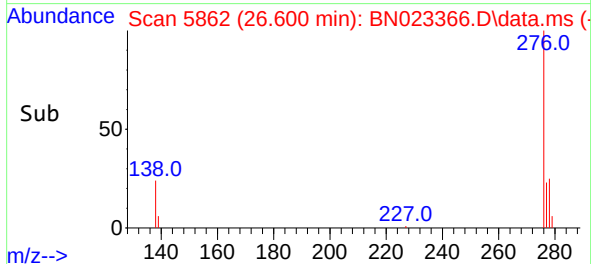


Tgt Ion:278 Resp: 3650
Ion Ratio Lower Upper
278 100
139 46.9 16.6 24.8
279 50.1 21.3 31.9

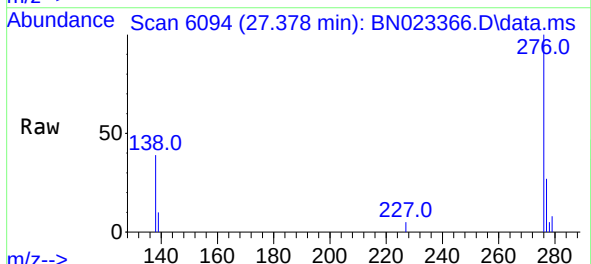
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#29
Benzo(g,h,i)perylene
Concen: 0.183 ng/ul
RT: 27.378 min Scan# 6094
Delta R.T. 0.009 min
Lab File: BN023366.D
Acq: 23 Dec 2022 09:46



Tgt Ion:276 Resp: 12046
Ion Ratio Lower Upper
276 100
138 38.8 20.3 30.5
277 26.9 19.7 29.5

