

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023367.D
 Acq On : 23 Dec 2022 10:59
 Operator : CG/JU
 Sample : N6006-13DL 2X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXZ7DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 22:29:10 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	6603	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	22672	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	13491	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	31535	0.400	ng/ul	0.00
17) Chrysene-d12	21.582	240	24389	0.400	ng/ul	0.00
23) Perylene-d12	24.032	264	19231	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	17334	2.416	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	5422	0.155	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	12814	0.145	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.859	128	3051	0.046	ng/ul#	92
7) 2-Methylnaphthalene	12.470	142	1206	0.028	ng/ul	99
8) 1-Methylnaphthalene	12.690	142	942	0.021	ng/ul	100
10) Acenaphthylene	14.363	152	1730	0.029	ng/ul#	84
11) Acenaphthene	14.705	153	1318	0.026	ng/ul	98
12) Fluorene	15.691	166	1452	0.026	ng/ul#	95
15) Phenanthrene	17.432	178	35875	0.349	ng/ul	99
16) Anthracene	17.525	178	6981	0.082	ng/ul	95
19) Fluoranthene	19.448	202	97997	0.828	ng/ul	97
20) Pyrene	19.815	202	73112m	0.613	ng/ul	
21) Benzo(a)anthracene	21.565	228	37852	0.399	ng/ul	98
22) Chrysene	21.620	228	41550	0.430	ng/ul	97
24) Benzo(b)fluoranthene	23.283	252	52940m	0.532	ng/ul	
25) Benzo(k)fluoranthene	23.327	252	16032m	0.172	ng/ul	
26) Benzo(a)pyrene	23.924	252	28975	0.368	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.592	276	20411	0.222	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.605	278	5081	0.071	ng/ul#	62
29) Benzo(g,h,i)perylene	27.383	276	18132	0.242	ng/ul#	79

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

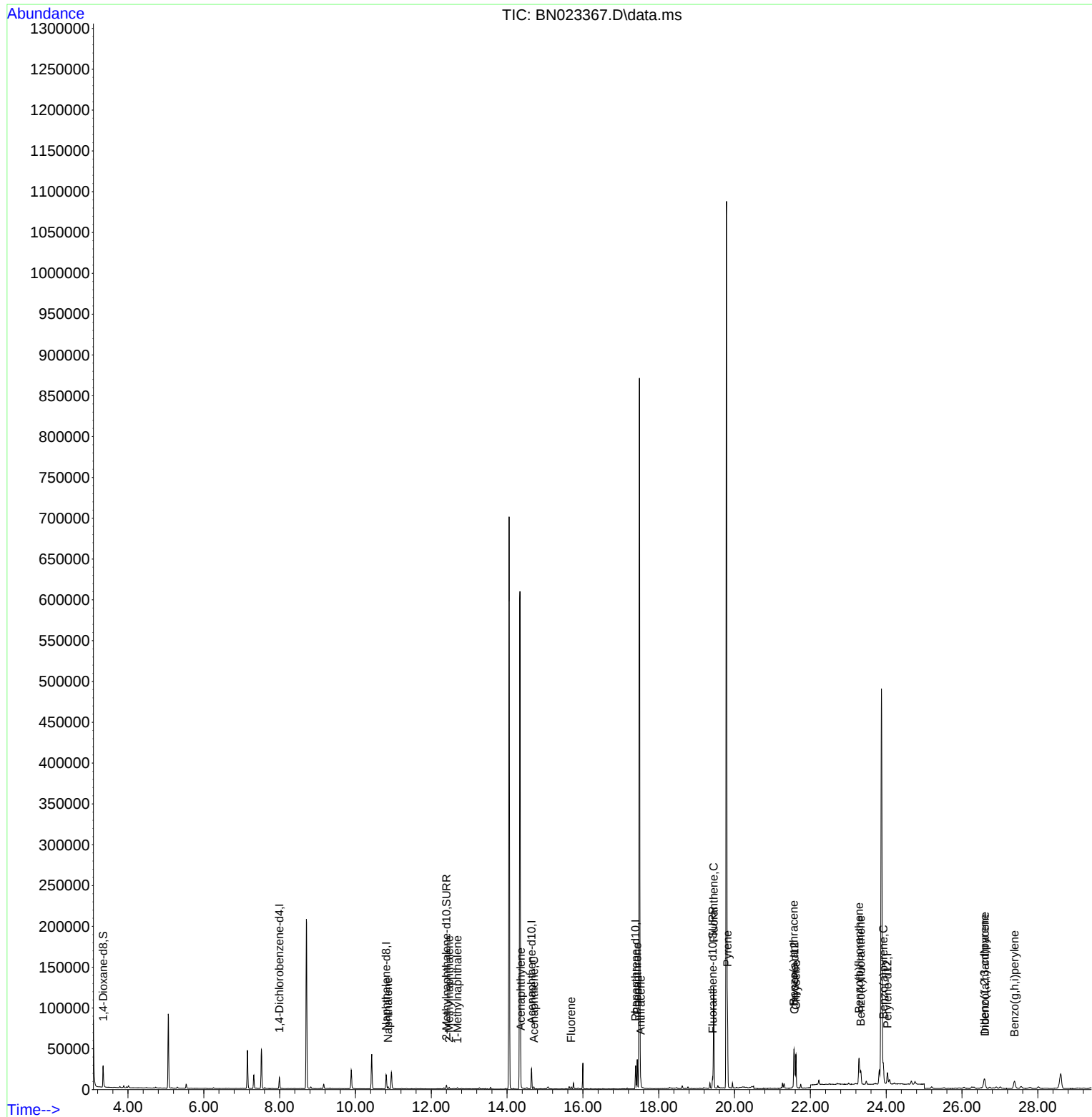
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
Data File : BN023367.D
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Operator : CG/JU
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Misc :
ALS Vial : 37 Sample Multiplier: 1

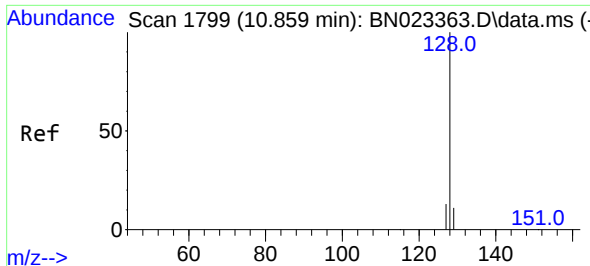
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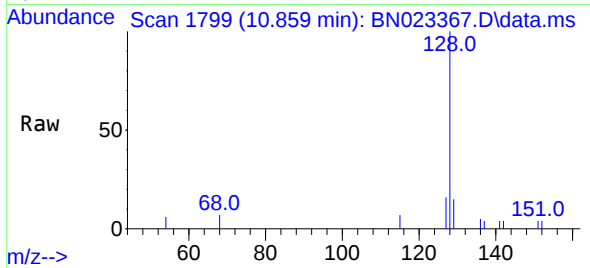
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.859 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BN023367.D
Acq: 23 Dec 2022 10:59

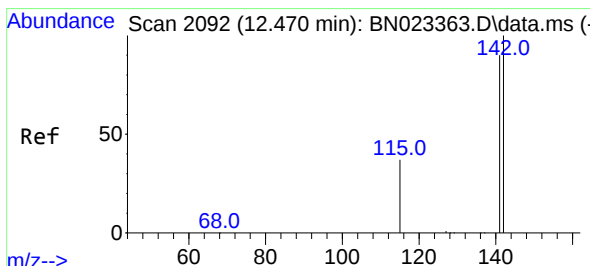
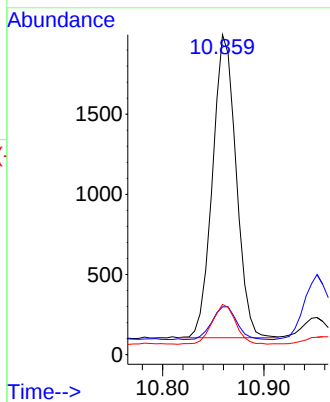
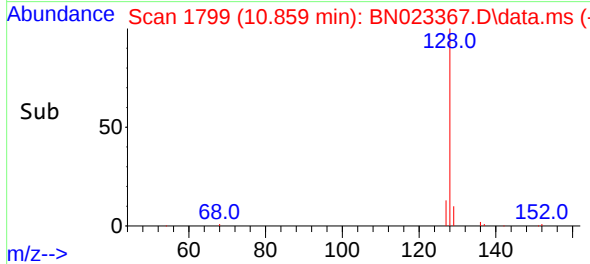
Instrument :
BNA_N
ClientSampleId :
DBXZ7DL



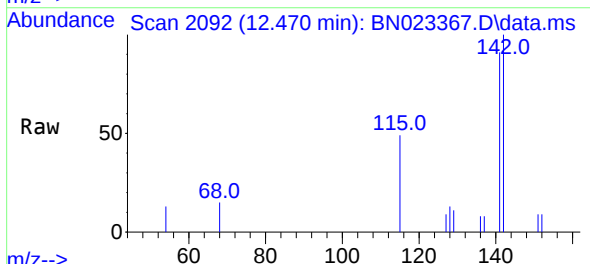
Tgt Ion:128 Resp: 305
Ion Ratio Lower Upper
128 100
129 14.9 9.0 13.4
127 15.7 10.7 16.1

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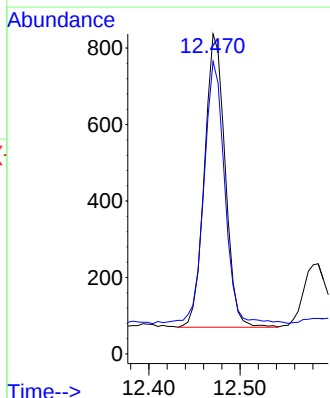
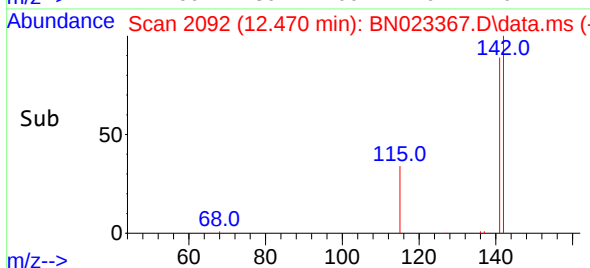
Reviewed By :Yogesh Patel 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

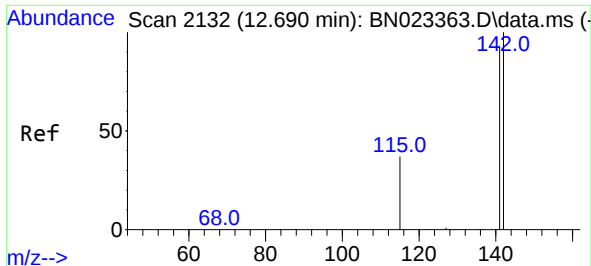


#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BN023367.D
Acq: 23 Dec 2022 10:59



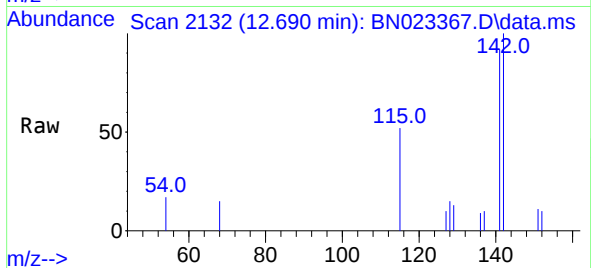
Tgt Ion:142 Resp: 1206
Ion Ratio Lower Upper
142 100
141 90.5 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.690 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BN023367.D
Acq: 23 Dec 2022 10:59

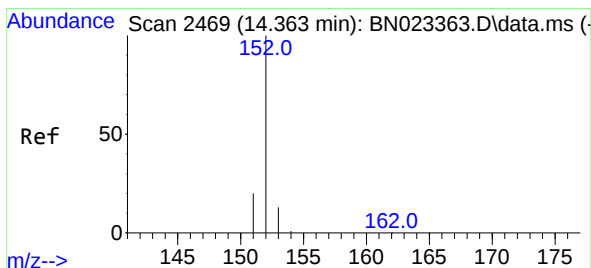
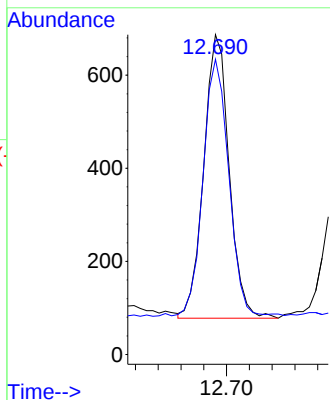
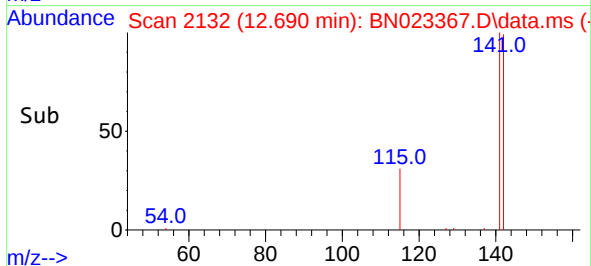
Instrument :
BNA_N
ClientSampleId :
DBXZ7DL



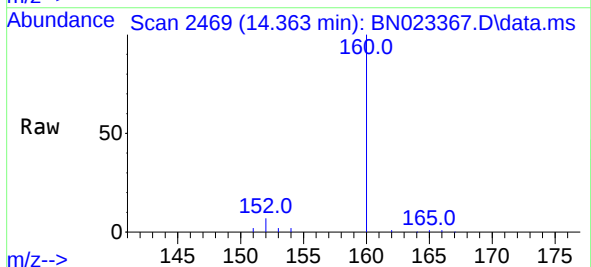
Tgt Ion:142 Resp: 942
Ion Ratio Lower Upper
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141 92.1 74.0 111.0

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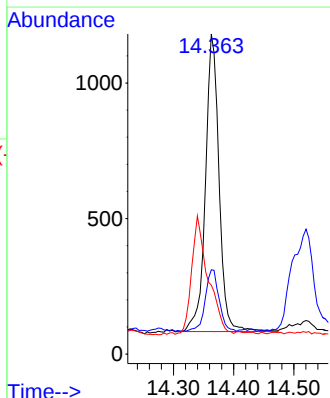
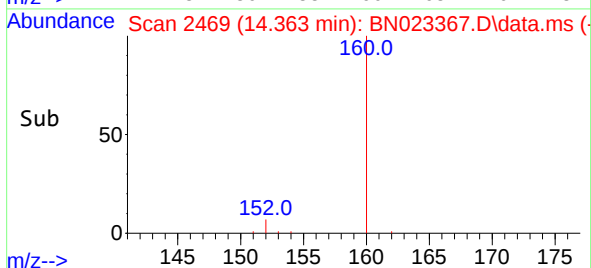
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Supervised By :Jagrut Upadhyay 12/24/2022

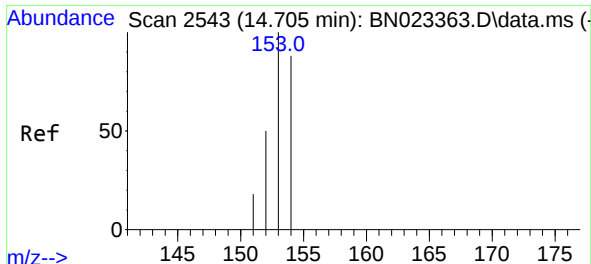


#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.363 min Scan# 2469
Delta R.T. -0.006 min
Lab File: BN023367.D
Acq: 23 Dec 2022 10:59



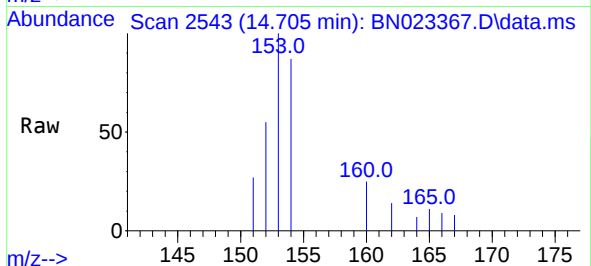
Tgt Ion:152 Resp: 1730
Ion Ratio Lower Upper
152 100
151 26.3 16.1 24.1#
153 21.5 10.9 16.3#





#11
Acenaphthene
Concen: 0.026 ng/u1
RT: 14.705 min Scan# 2543
Delta R.T. -0.001 min
Lab File: BN023367.D
Acq: 23 Dec 2022 10:59

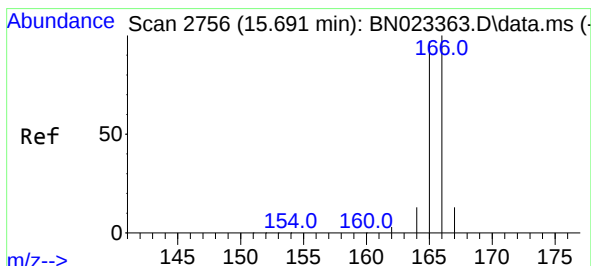
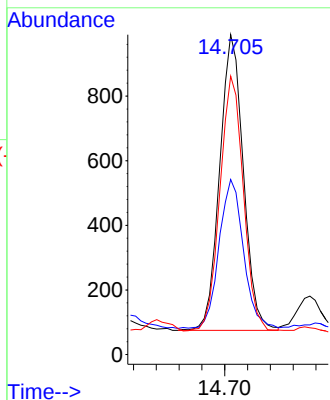
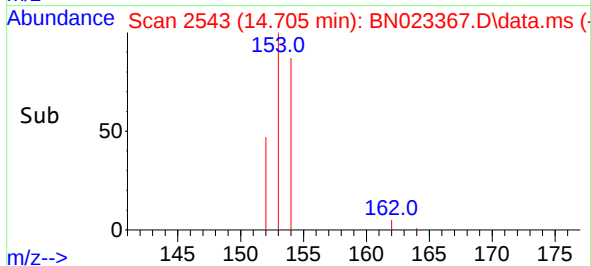
Instrument :
BNA_N
ClientSampleId :
DBXZ7DL



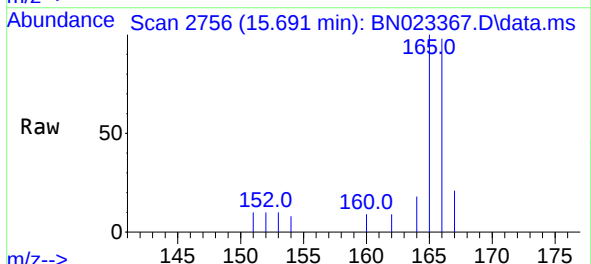
Tgt Ion:153 Resp: 1318
Ion Ratio Lower Upper
153 100
152 54.7 41.0 61.4
154 87.1 69.5 104.3

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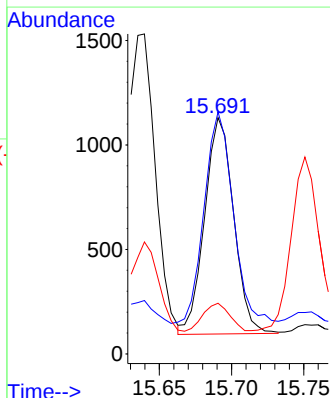
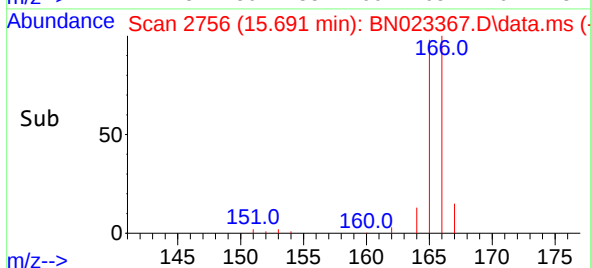
Reviewed By :Yogesh Patel 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

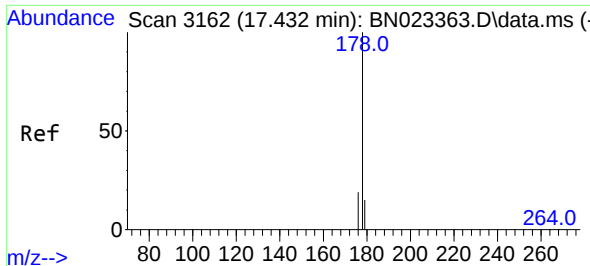


#12
Fluorene
Concen: 0.026 ng/u1
RT: 15.691 min Scan# 2756
Delta R.T. -0.001 min
Lab File: BN023367.D
Acq: 23 Dec 2022 10:59



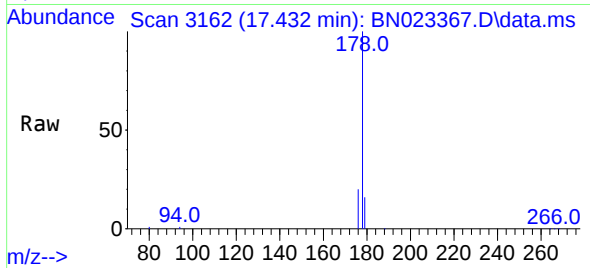
Tgt Ion:166 Resp: 1452
Ion Ratio Lower Upper
166 100
165 102.4 79.1 118.7
167 21.5 11.0 16.4





#15
Phenanthrene
Concen: 0.349 ng/ul
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023367.D
Acq: 23 Dec 2022 10:59

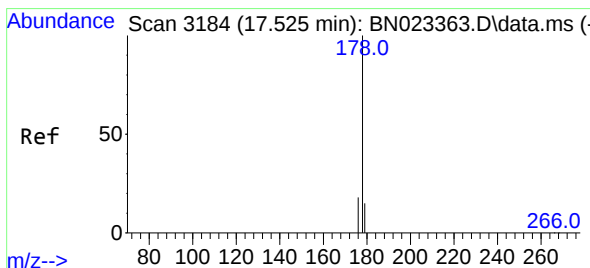
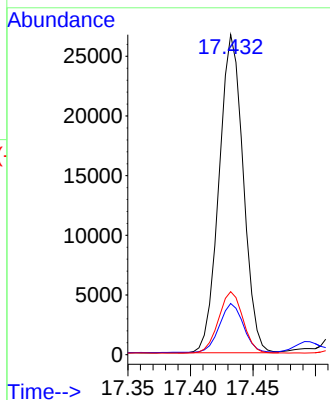
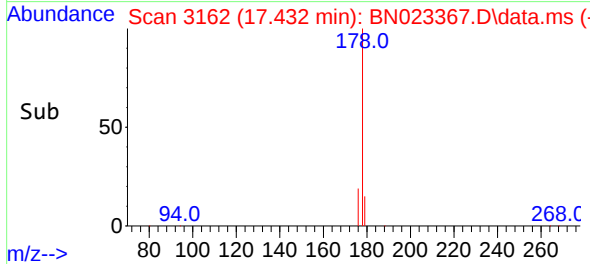
Instrument :
BNA_N
ClientSampleId :
DBXZ7DL



Tgt Ion:178 Resp: 3587
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 19.7 15.7 23.5

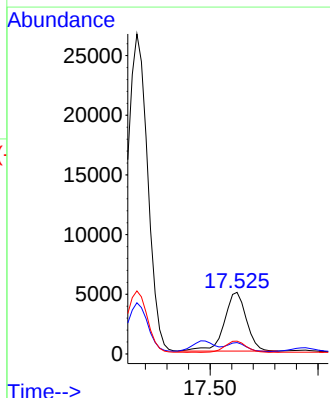
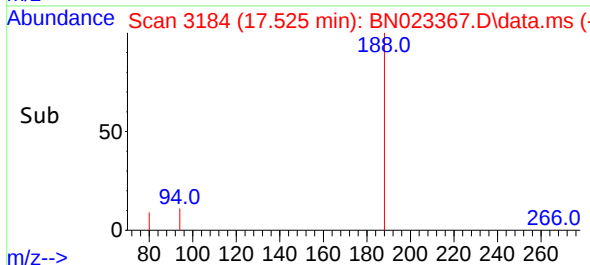
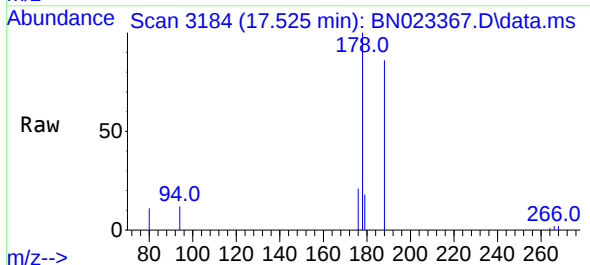
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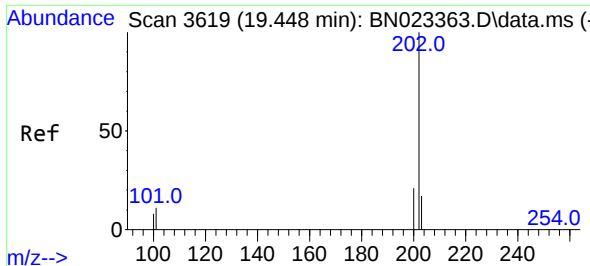
Reviewed By :Yogesh Patel 12/24/2022
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#16
Anthracene
Concen: 0.082 ng/ul
RT: 17.525 min Scan# 3184
Delta R.T. -0.001 min
Lab File: BN023367.D
Acq: 23 Dec 2022 10:59

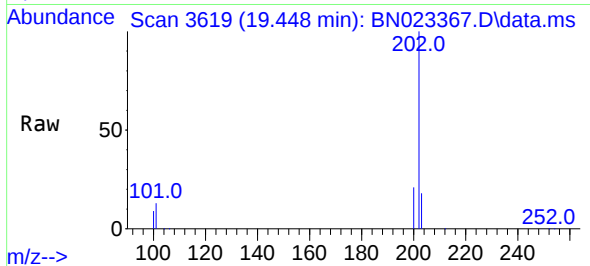
Tgt Ion:178 Resp: 6981
Ion Ratio Lower Upper
178 100
179 18.5 12.6 18.8
176 20.7 15.4 23.0





#19
Fluoranthene
Concen: 0.828 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023367.D
Acq: 23 Dec 2022 10:59

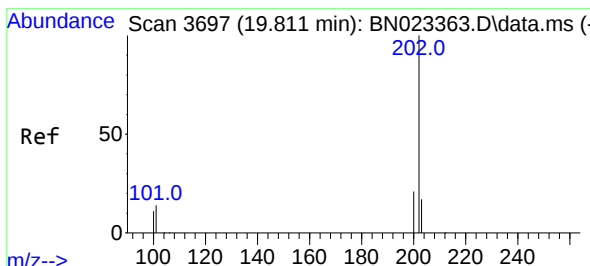
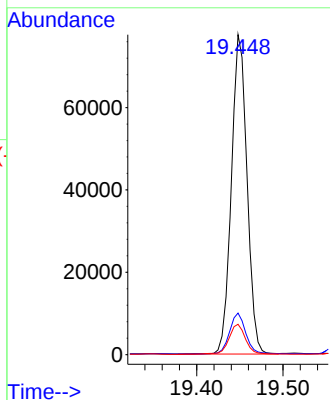
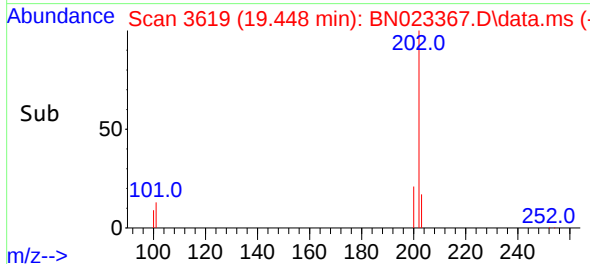
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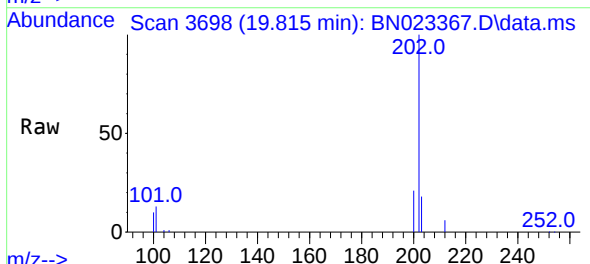
Tgt Ion:202 Resp: 97997
Ion Ratio Lower Upper
202 100
101 13.0 9.4 14.2
100 9.5 7.0 10.6

Manual Integrations
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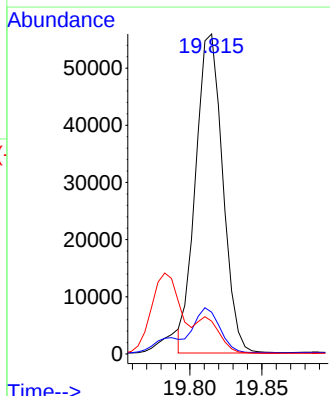
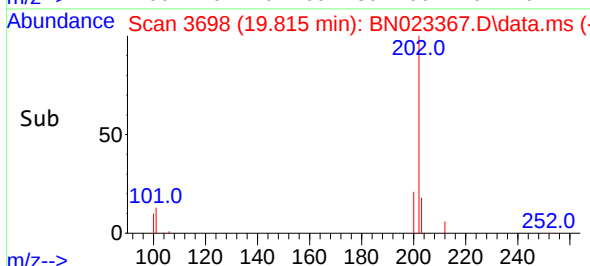
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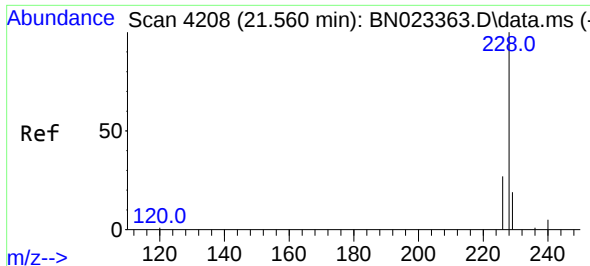


#20
Pyrene
Concen: 0.613 ng/ul m
RT: 19.815 min Scan# 3698
Delta R.T. 0.004 min
Lab File: BN023367.D
Acq: 23 Dec 2022 10:59



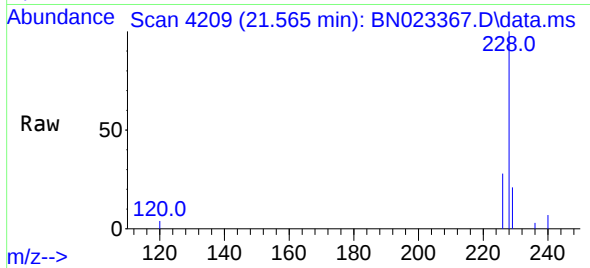
Tgt Ion:202 Resp: 73112
Ion Ratio Lower Upper
202 100
101 13.1 11.3 16.9
100 10.3 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.399 ng/u1
RT: 21.565 min Scan# 4208
Delta R.T. 0.004 min
Lab File: BN023367.D
Acq: 23 Dec 2022 10:59

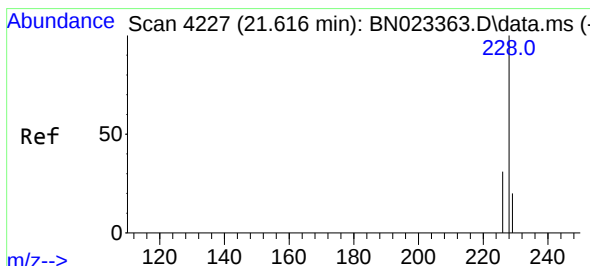
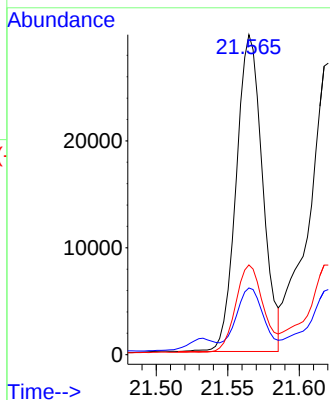
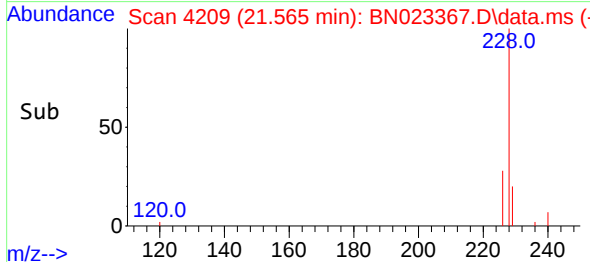
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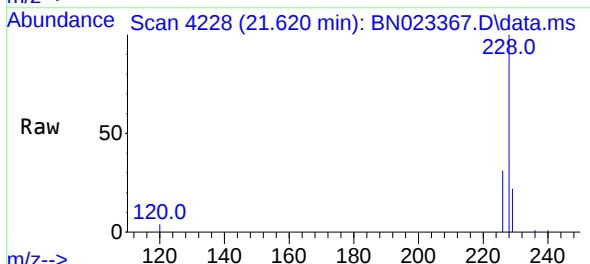
Tgt Ion:228 Resp: 37852
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 28.1 22.2 33.2

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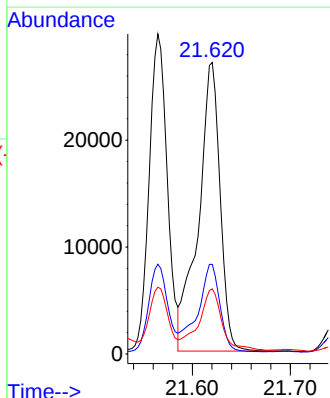
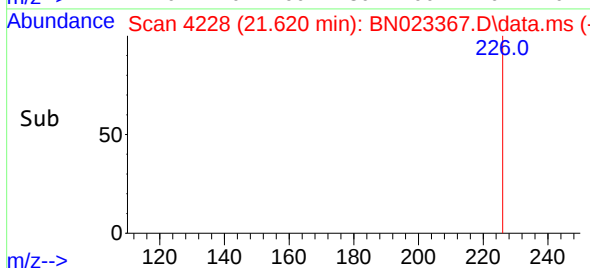
Reviewed By :Yogesh Patel 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

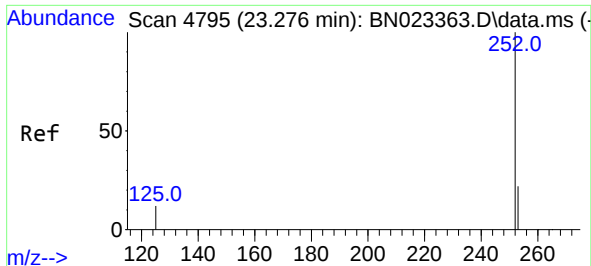


#22
Chrysene
Concen: 0.430 ng/u1
RT: 21.620 min Scan# 4228
Delta R.T. 0.004 min
Lab File: BN023367.D
Acq: 23 Dec 2022 10:59



Tgt Ion:228 Resp: 41550
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 22.3 15.8 23.6





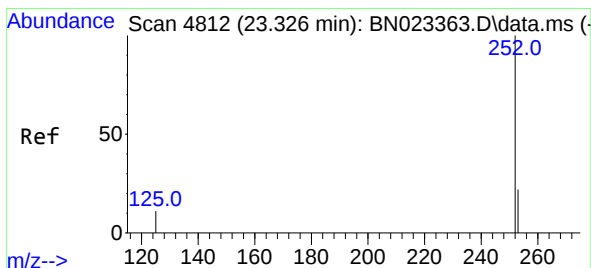
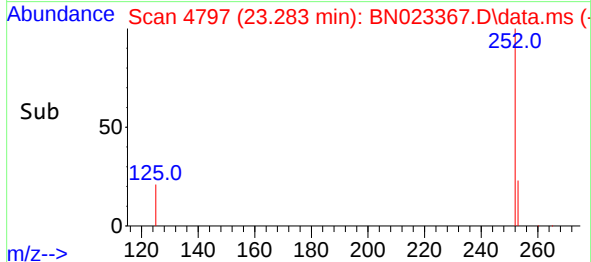
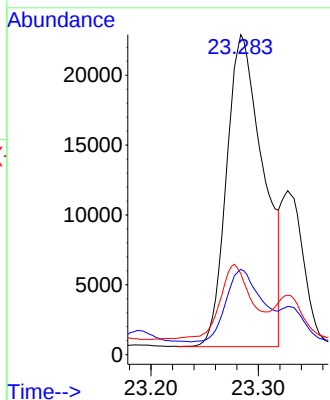
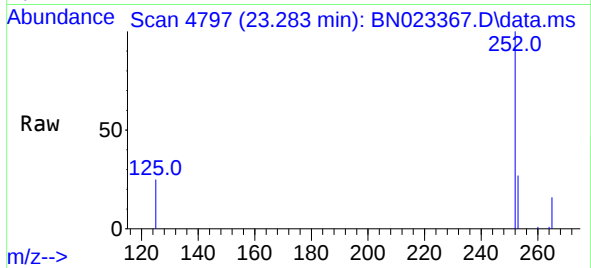
#24
Benzo(b)fluoranthene
Concen: 0.532 ng/ul m
RT: 23.283 min Scan# 4795
Delta R.T. 0.010 min
Lab File: BN023367.D
Acq: 23 Dec 2022 10:59

Instrument :
BNA_N
ClientSampleId :
DBXZ7DL

Tgt Ion:252 Resp: 52940
Ion Ratio Lower Upper
252 100
253 26.6 0.0 49.2
125 25.4 0.0 31.8

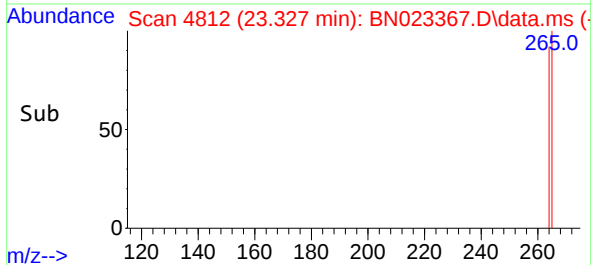
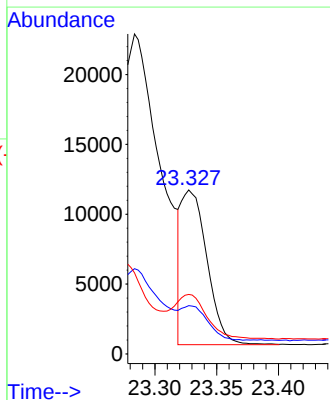
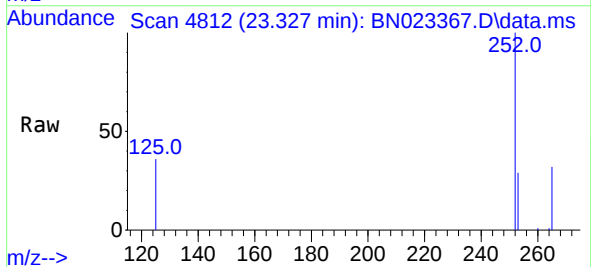
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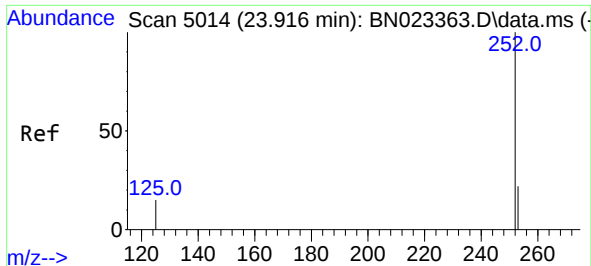
Reviewed By :Yogesh Patel 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#25
Benzo(k)fluoranthene
Concen: 0.172 ng/ul m
RT: 23.327 min Scan# 4812
Delta R.T. 0.004 min
Lab File: BN023367.D
Acq: 23 Dec 2022 10:59

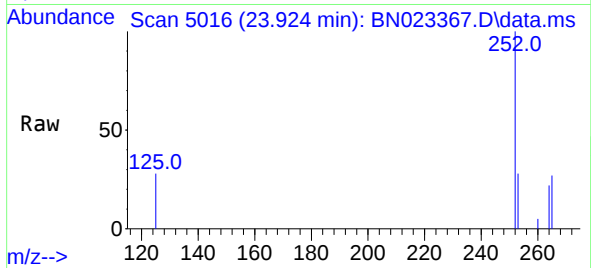
Tgt Ion:252 Resp: 16032
Ion Ratio Lower Upper
252 100
253 29.5 19.8 29.6
125 36.3 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.368 ng/u1
RT: 23.924 min Scan# 5016
Delta R.T. 0.010 min
Lab File: BN023367.D
Acq: 23 Dec 2022 10:59

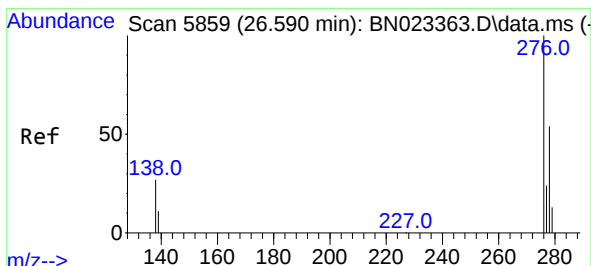
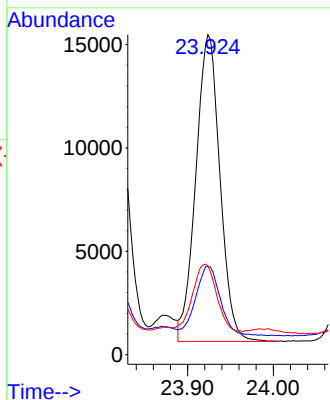
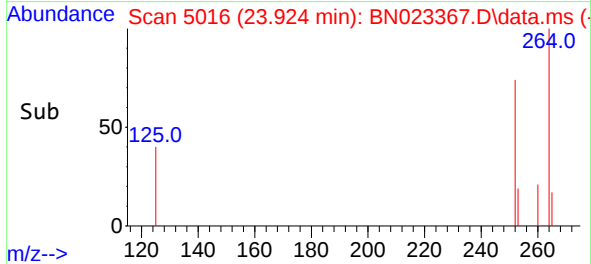
Instrument :
BNA_N
ClientSampleId :
DBXZ7DL



Tgt Ion:252 Resp: 28975
Ion Ratio Lower Upper
252 100
253 27.5 21.4 32.2
125 27.7 16.2 24.4

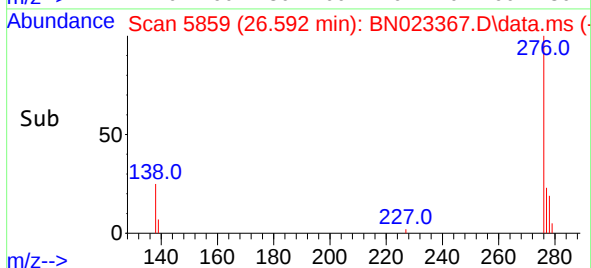
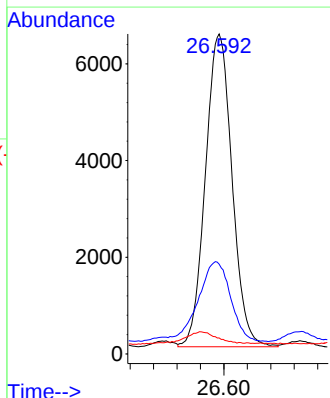
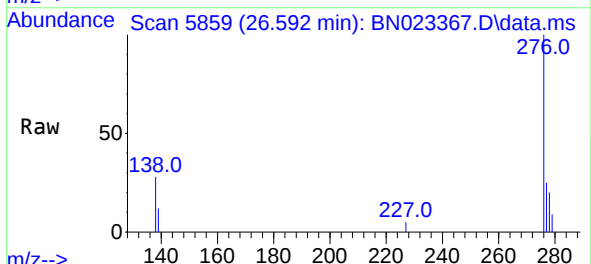
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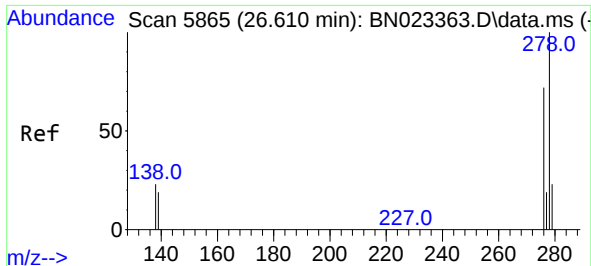
Reviewed By :Yogesh Patel 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.222 ng/u1
RT: 26.592 min Scan# 5859
Delta R.T. 0.014 min
Lab File: BN023367.D
Acq: 23 Dec 2022 10:59

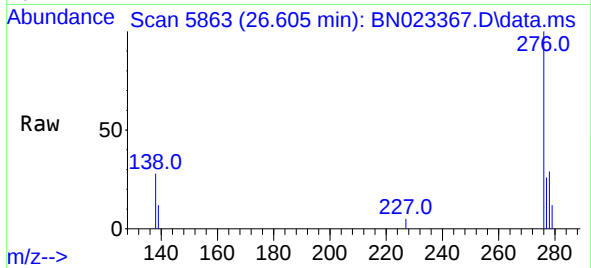
Tgt Ion:276 Resp: 20411
Ion Ratio Lower Upper
276 100
138 30.8 23.4 35.2
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.071 ng/ul
RT: 26.605 min Scan# 5863
Delta R.T. 0.004 min
Lab File: BN023367.D
Acq: 23 Dec 2022 10:59

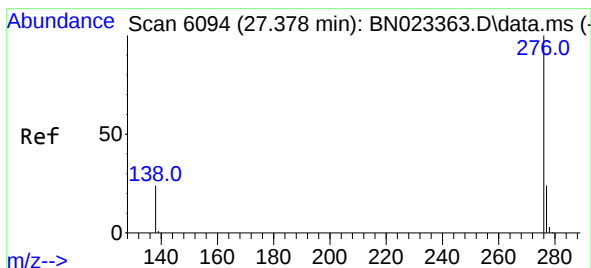
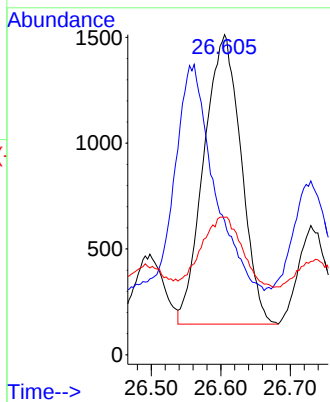
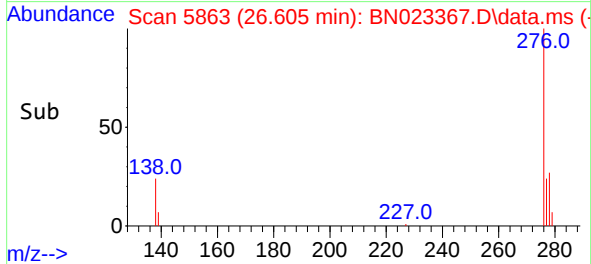
Instrument :
BNA_N
ClientSampleId :
DBXZ7DL



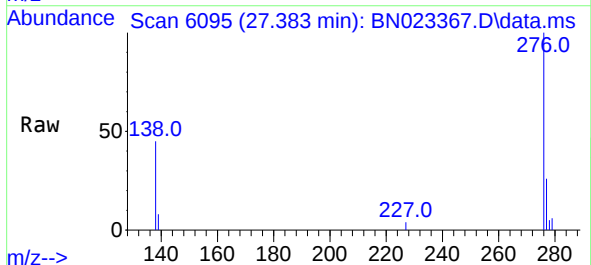
Tgt Ion:278 Resp: 508
Ion Ratio Lower Upper
278 100
139 41.9 16.6 24.8
279 43.0 21.3 31.9

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.242 ng/ul
RT: 27.383 min Scan# 6095
Delta R.T. 0.014 min
Lab File: BN023367.D
Acq: 23 Dec 2022 10:59



Tgt Ion:276 Resp: 18132
Ion Ratio Lower Upper
276 100
138 45.2 20.3 30.5
277 25.7 19.7 29.5

