

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
 Data File : BN025374.D
 Acq On : 10 May 2023 10:58
 Operator : CG/JU
 Sample : 02479-06DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW947DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/11/2023
 Supervised By : Jagrut Upadhyay 05/11/2023

Quant Time: May 11 01:10:32 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 10 12:11:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	6997	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	25718	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.547	164	14403	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	32337	0.400	ng/ul	0.00
17) Chrysene-d12	21.491	240	28498	0.400	ng/ul	# 0.00
23) Perylene-d12	23.917	264	25172	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	3158	0.436	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.299	152	1084	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	2824	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.754	128	36089	0.548	ng/ul	99
7) 2-Methylnaphthalene	12.371	142	51042	1.265	ng/ul	100
8) 1-Methylnaphthalene	12.590	142	24104	0.560	ng/ul	100
10) Acenaphthylene	14.265	152	9430	0.176	ng/ul#	89
11) Acenaphthene	14.607	153	5872	0.130	ng/ul	99
12) Fluorene	15.597	166	6458	0.128	ng/ul#	95
15) Phenanthrene	17.334	178	165544	1.814	ng/ul	99
16) Anthracene	17.427	178	31621	0.423	ng/ul	98
19) Fluoranthene	19.354	202	364413	3.536	ng/ul	100
20) Pyrene	19.717	202	328885	3.106	ng/ul	99
21) Benzo(a)anthracene	21.476	228	167121	1.946	ng/ul	96
22) Chrysene	21.529	228	169225	1.806	ng/ul#	95
24) Benzo(b)fluoranthene	23.177	252	215142m	2.107	ng/ul	
25) Benzo(k)fluoranthene	23.221	252	78084m	0.795	ng/ul	
26) Benzo(a)pyrene	23.815	252	143600	1.699	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.454	276	110086	1.131	ng/ul	93
28) Dibenzo(a,h)anthracene	26.460	278	28433	0.374	ng/ul#	61
29) Benzo(g,h,i)perylene	27.235	276	119700	1.446	ng/ul	94

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

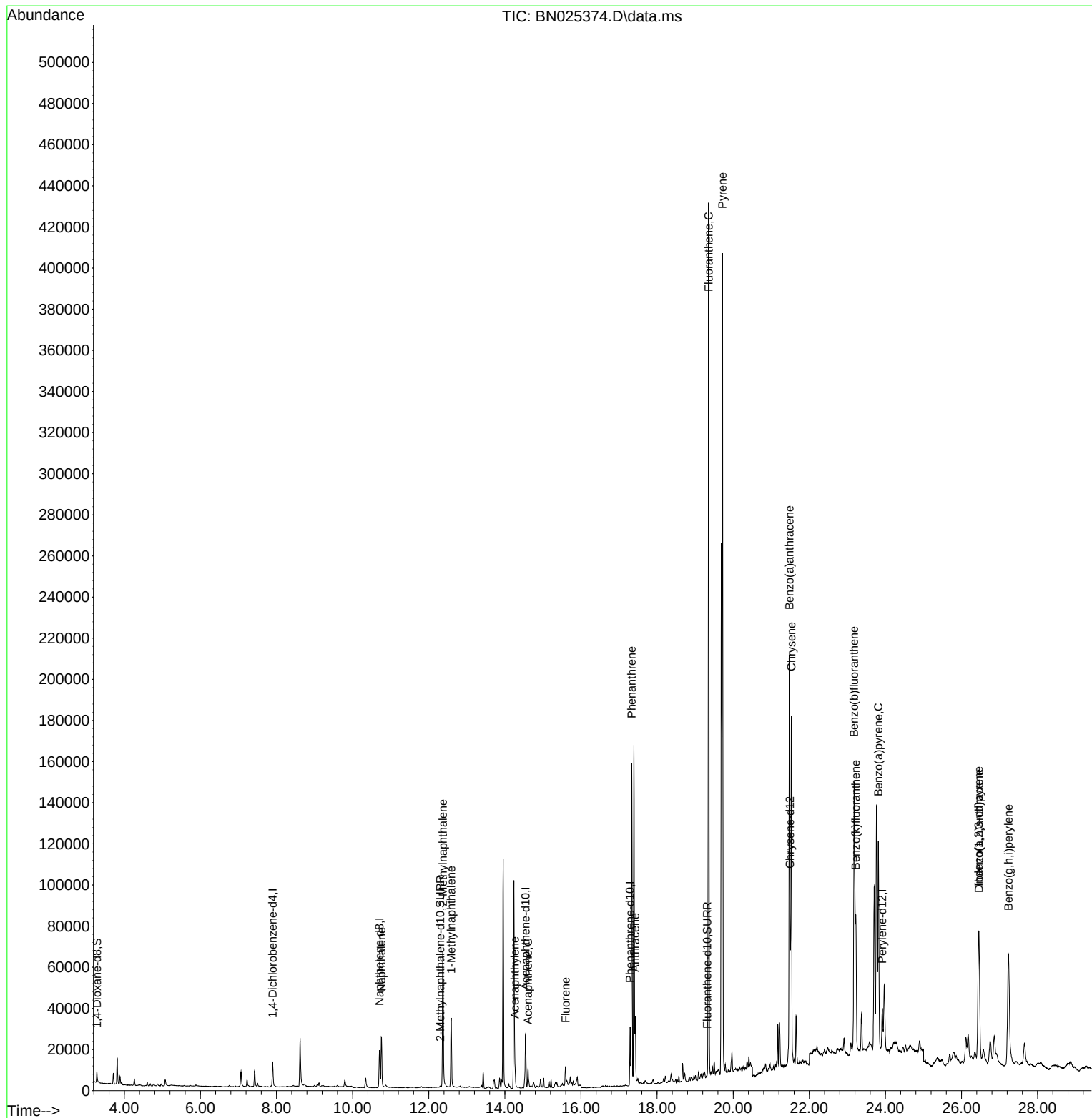
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
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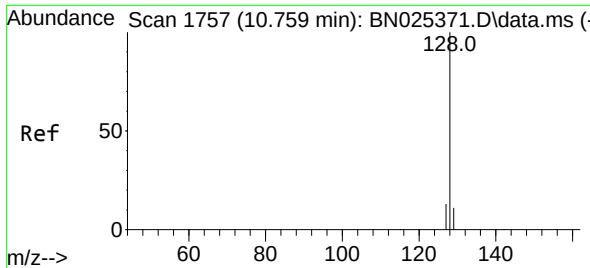
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Quant Time: May 11 01:10:32 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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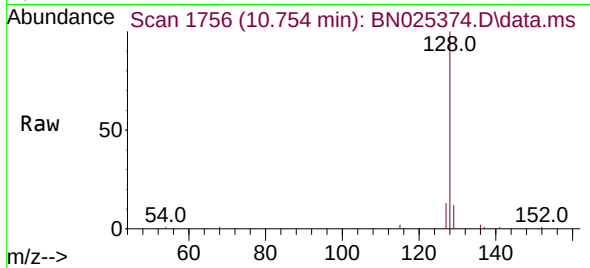
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023





#5
Naphthalene
Concen: 0.548 ng/ul
RT: 10.754 min Scan# 1756
Delta R.T. -0.005 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58

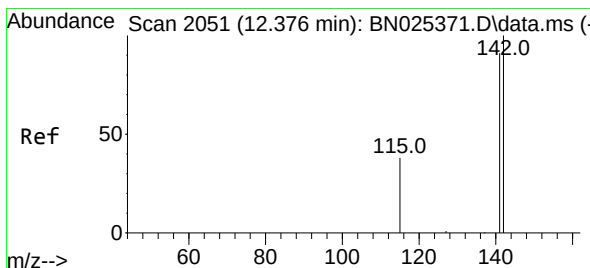
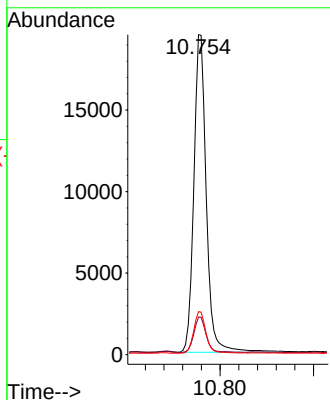
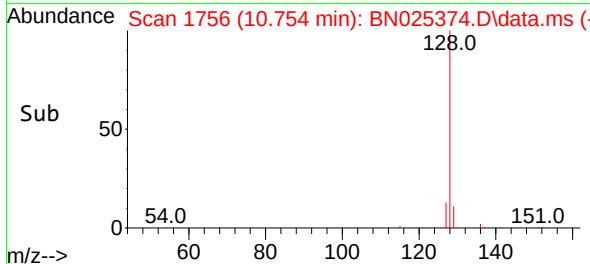
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ClientSampleId :
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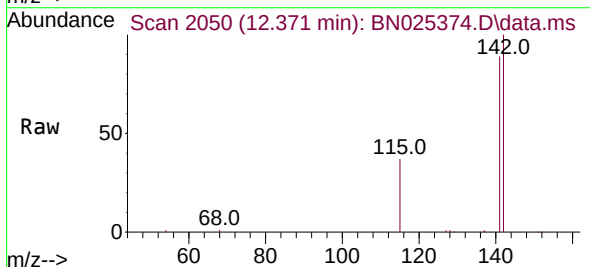
Tgt Ion:128 Resp: 36089
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.5 10.7 16.1

Manual Integrations
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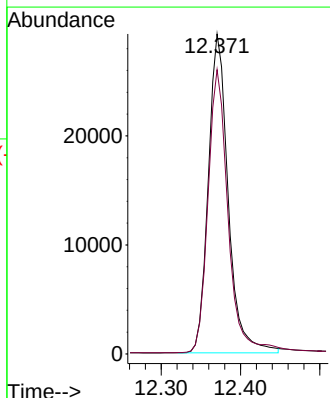
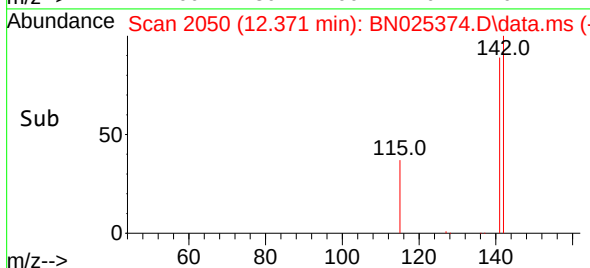
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

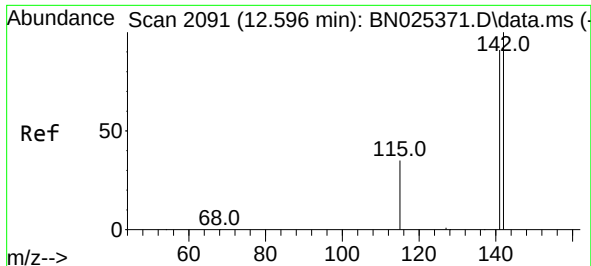


#7
2-Methylnaphthalene
Concen: 1.265 ng/ul
RT: 12.371 min Scan# 2050
Delta R.T. -0.005 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58



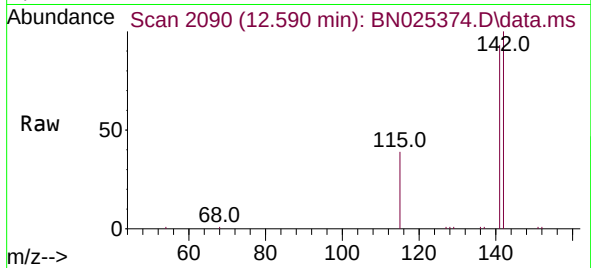
Tgt Ion:142 Resp: 51042
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.560 ng/ul
RT: 12.590 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58

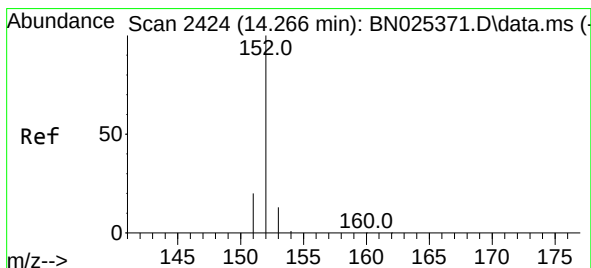
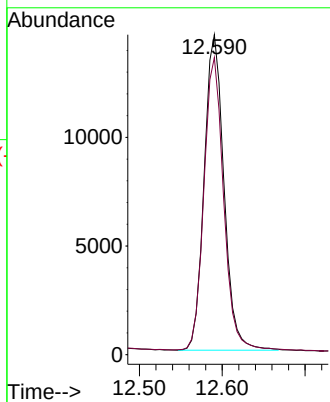
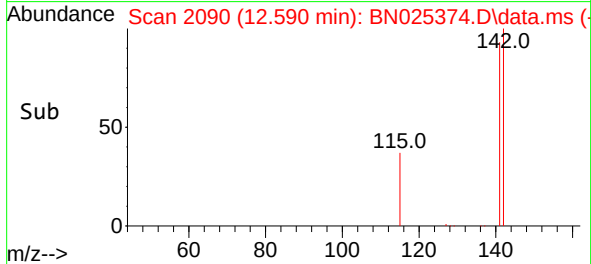
Instrument :
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Tgt Ion:142 Resp: 24104
Ion Ratio Lower Upper
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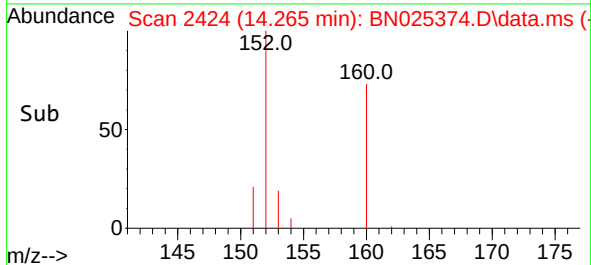
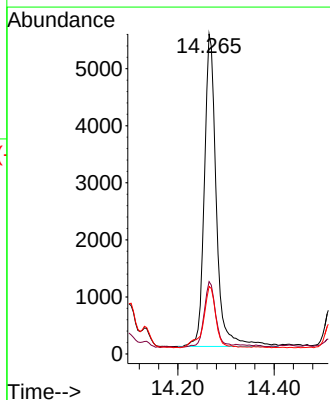
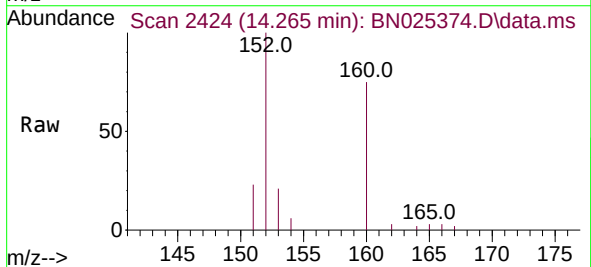
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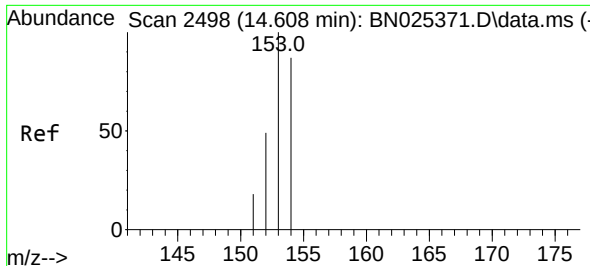
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#10
Acenaphthylene
Concen: 0.176 ng/ul
RT: 14.265 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58

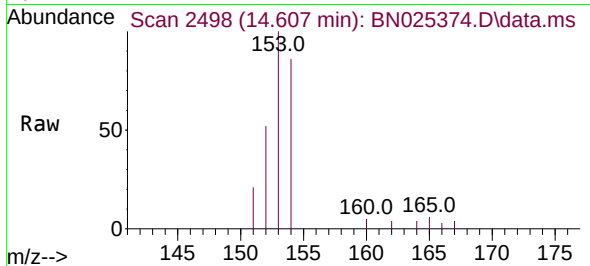
Tgt Ion:152 Resp: 9430
Ion Ratio Lower Upper
152 100
151 22.6 16.0 24.0
153 21.1 10.8 16.2#





#11
Acenaphthene
Concen: 0.130 ng/u1
RT: 14.607 min Scan# 2498
Delta R.T. -0.001 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58

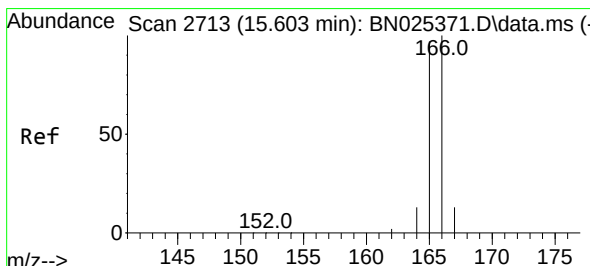
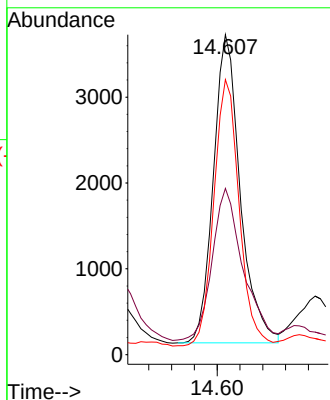
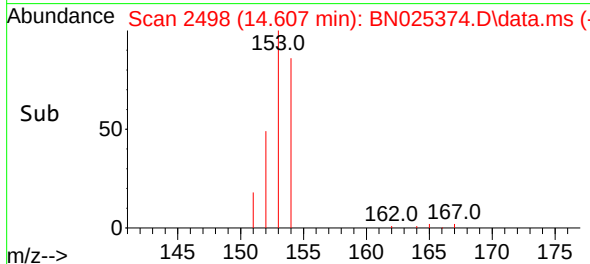
Instrument :
BNA_N
ClientSampleId :
EW947DL



Tgt Ion:153 Resp: 5872
Ion Ratio Lower Upper
153 100
152 51.9 40.2 60.4
154 86.0 69.4 104.2

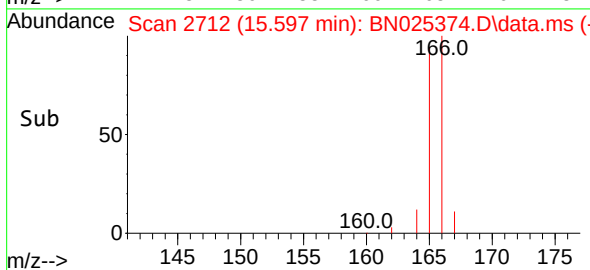
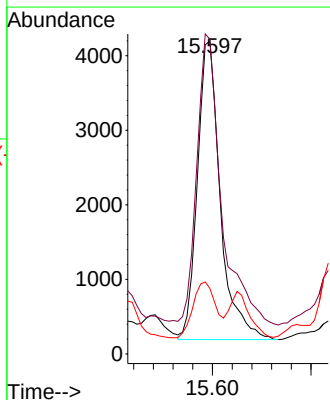
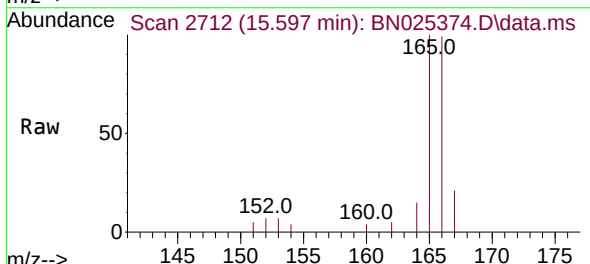
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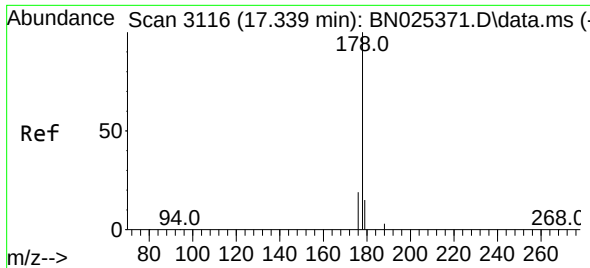
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#12
Fluorene
Concen: 0.128 ng/u1
RT: 15.597 min Scan# 2712
Delta R.T. -0.005 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58

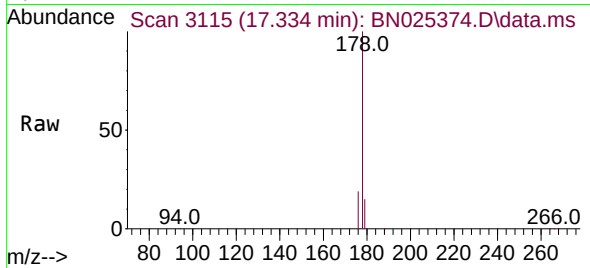
Tgt Ion:166 Resp: 6458
Ion Ratio Lower Upper
166 100
165 100.6 78.1 117.1
167 20.9 11.0 16.6#





#15
Phenanthrene
Concen: 1.814 ng/ul
RT: 17.334 min Scan# 3116
Delta R.T. -0.005 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58

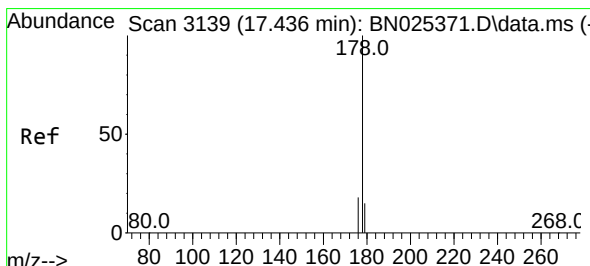
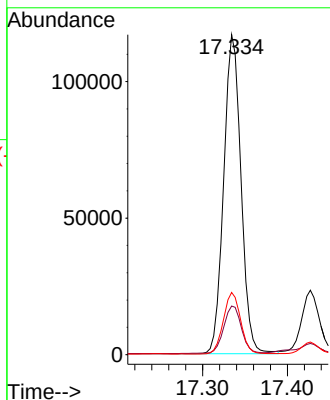
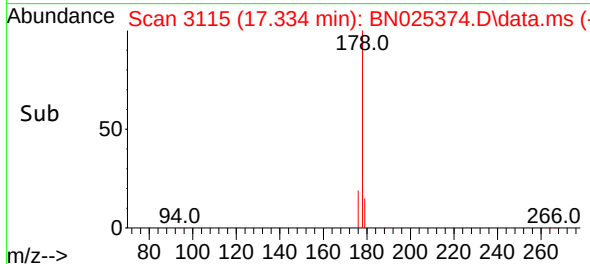
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BNA_N
ClientSampleId :
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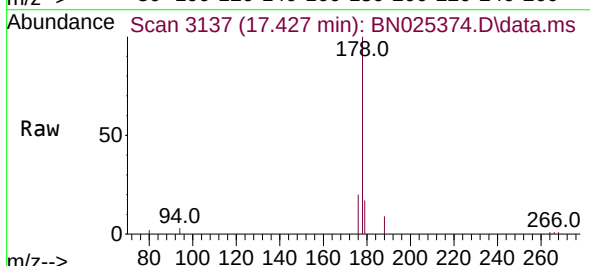
Tgt Ion:178 Resp: 165544
Ion Ratio Lower Upper
178 100
179 15.2 12.5 18.7
176 19.4 15.6 23.4

Manual Integrations
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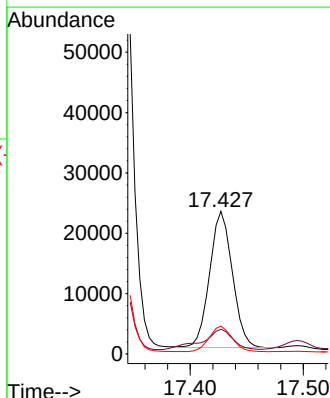
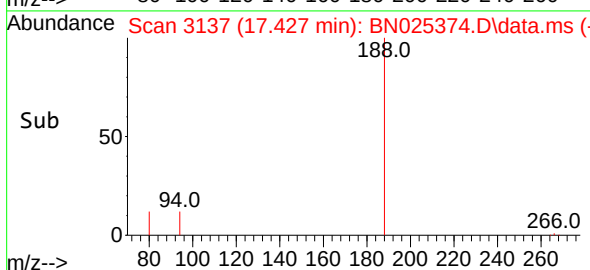
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

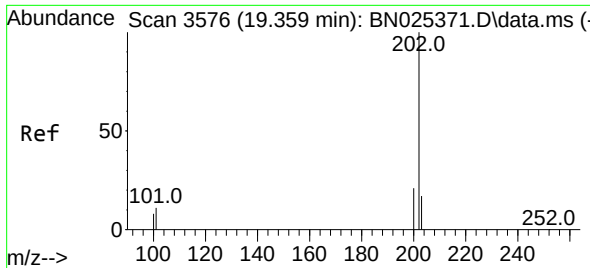


#16
Anthracene
Concen: 0.423 ng/ul
RT: 17.427 min Scan# 3137
Delta R.T. -0.009 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58



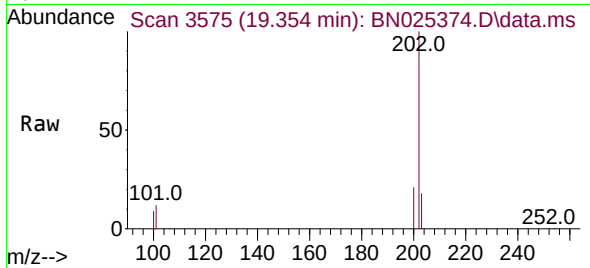
Tgt Ion:178 Resp: 31621
Ion Ratio Lower Upper
178 100
179 17.4 12.7 19.1
176 19.5 15.3 22.9





#19
Fluoranthene
Concen: 3.536 ng/ul
RT: 19.354 min Scan# 3575
Delta R.T. -0.005 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58

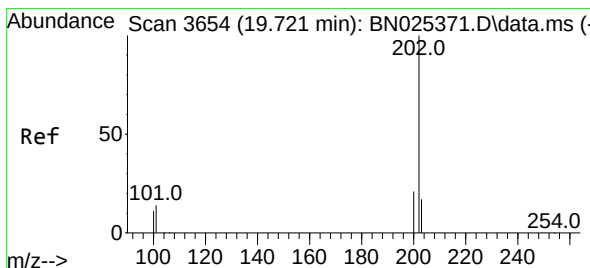
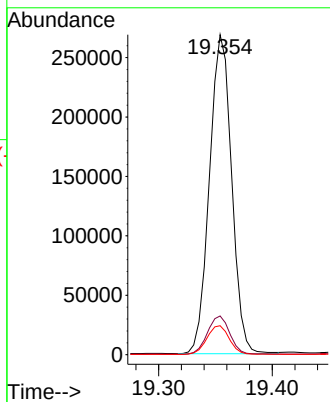
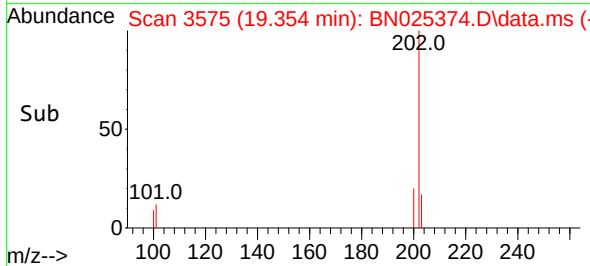
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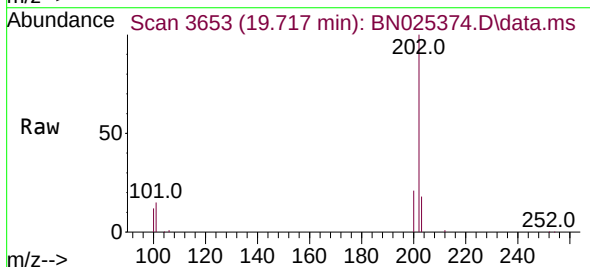
Tgt Ion:202 Resp: 364411
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 9.0 7.3 10.9

Manual Integrations
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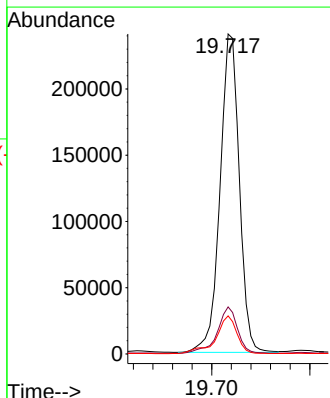
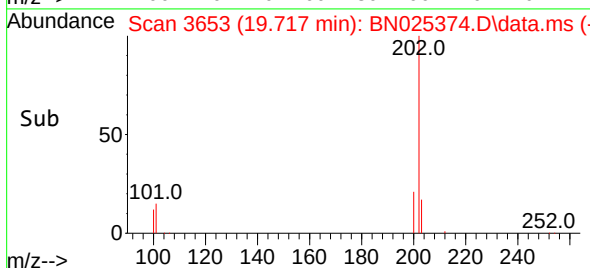
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Supervised By :Jagrut Upadhyay 05/11/2023

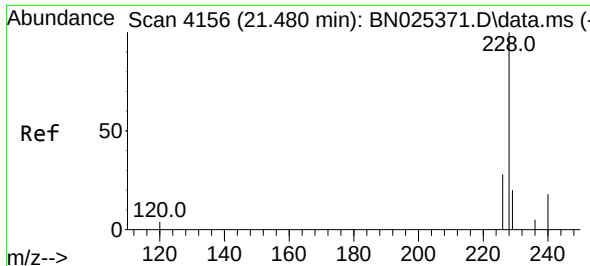


#20
Pyrene
Concen: 3.106 ng/ul
RT: 19.717 min Scan# 3653
Delta R.T. -0.005 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58



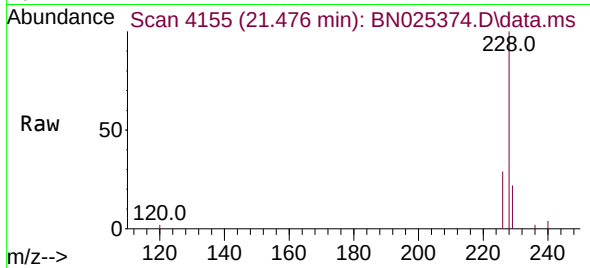
Tgt Ion:202 Resp: 328885
Ion Ratio Lower Upper
202 100
101 14.7 11.3 16.9
100 11.9 9.2 13.8





#21
Benzo(a)anthracene
Concen: 1.946 ng/ul
RT: 21.476 min Scan# 4156
Delta R.T. -0.003 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58

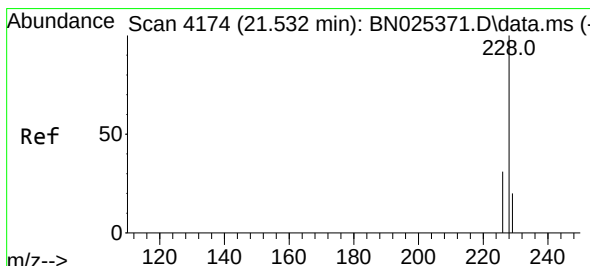
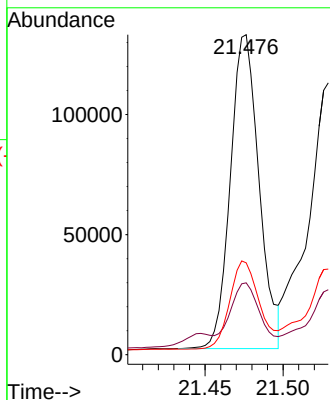
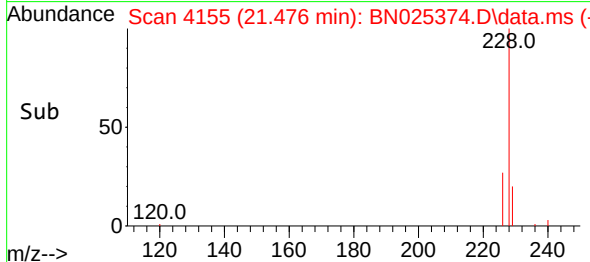
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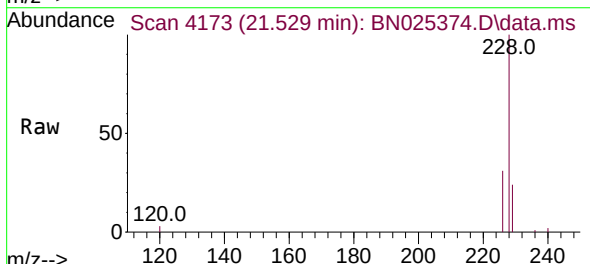
Tgt Ion:228 Resp: 16712
Ion Ratio Lower Upper
228 100
229 22.4 15.6 23.4
226 28.7 22.1 33.1

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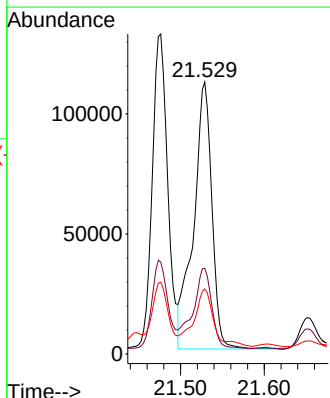
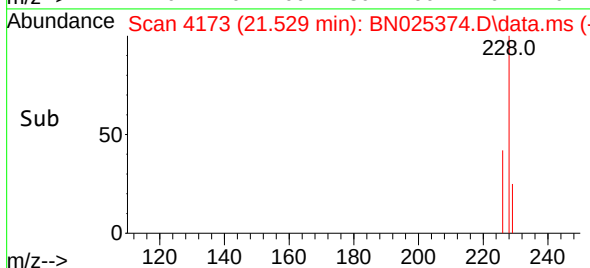
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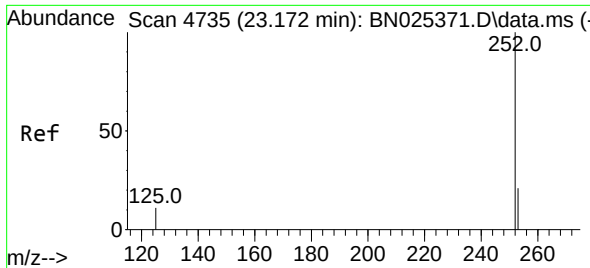


#22
Chrysene
Concen: 1.806 ng/ul
RT: 21.529 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58



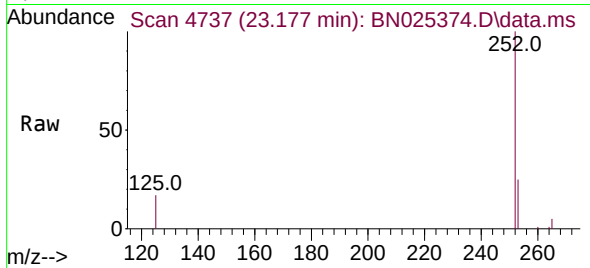
Tgt Ion:228 Resp: 169225
Ion Ratio Lower Upper
228 100
226 31.5 24.5 36.7
229 23.9 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 2.107 ng/ul m
RT: 23.177 min Scan# 4735
Delta R.T. 0.006 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58

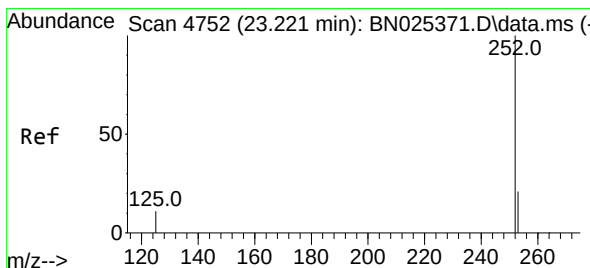
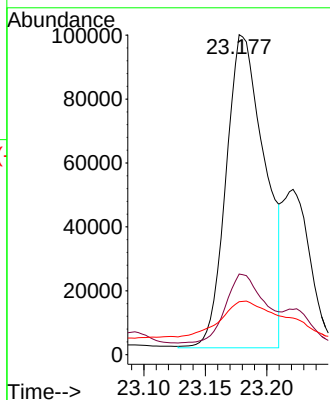
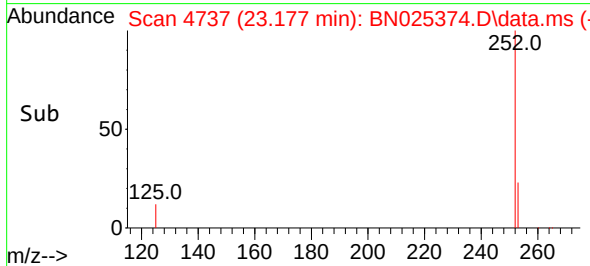
Instrument :
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Tgt Ion:252 Resp: 21514
Ion Ratio Lower Upper
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125 16.6 0.0 30.4

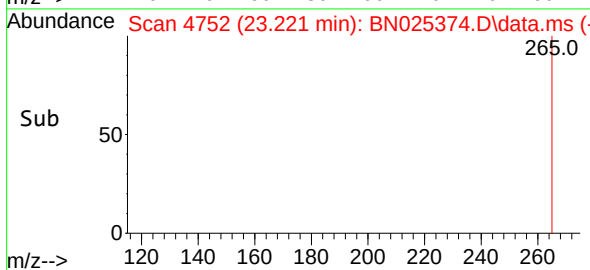
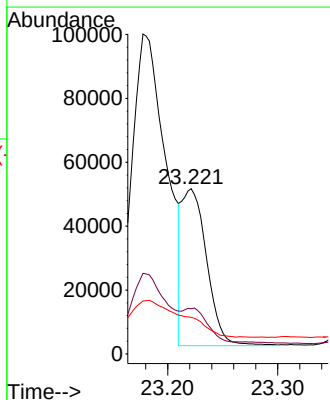
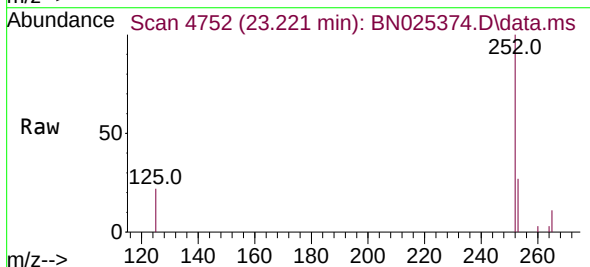
Manual Integrations
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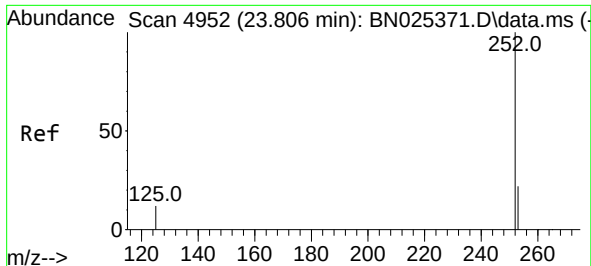
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#25
Benzo(k)fluoranthene
Concen: 0.795 ng/ul m
RT: 23.221 min Scan# 4752
Delta R.T. -0.000 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58

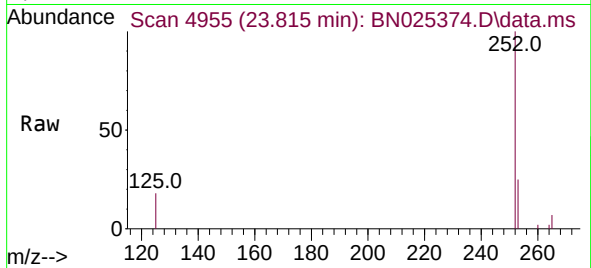
Tgt Ion:252 Resp: 78084
Ion Ratio Lower Upper
252 100
253 27.4 20.2 30.4
125 22.2 11.8 17.8#





#26
Benzo(a)pyrene
Concen: 1.699 ng/ul
RT: 23.815 min Scan# 4955
Delta R.T. 0.009 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58

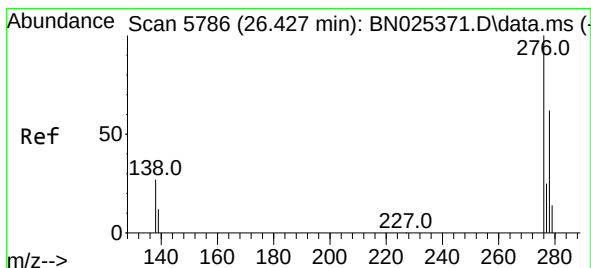
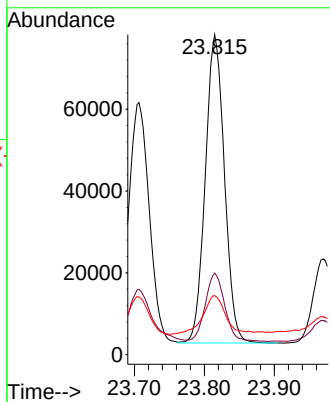
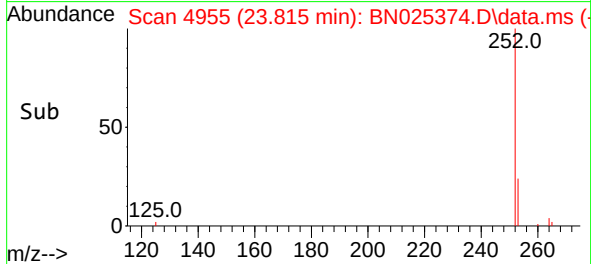
Instrument :
BNA_N
ClientSampleId :
EW947DL



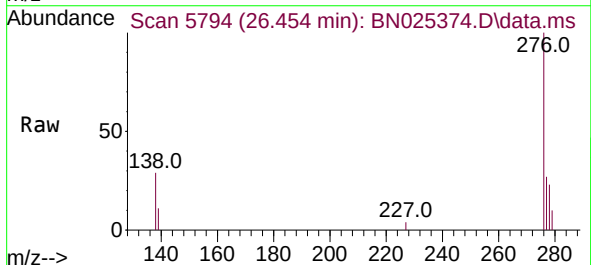
Tgt Ion:252 Resp: 143600
Ion Ratio Lower Upper
252 100
253 25.5 21.4 32.2
125 18.5 14.6 22.0

Manual Integrations
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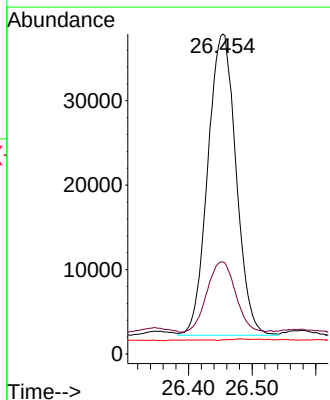
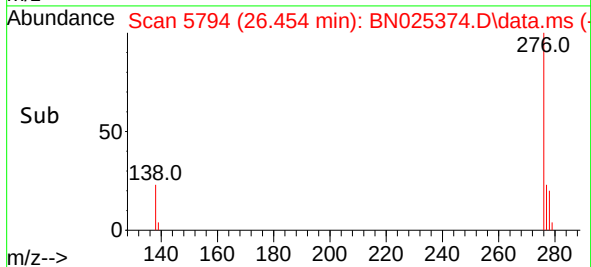
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

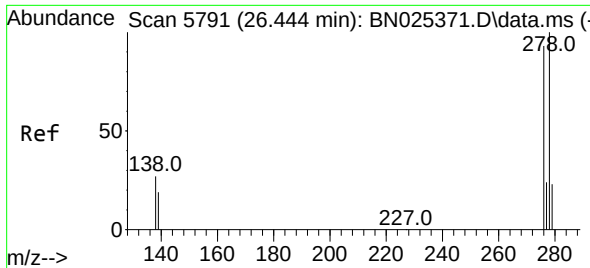


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.131 ng/ul
RT: 26.454 min Scan# 5794
Delta R.T. 0.027 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58



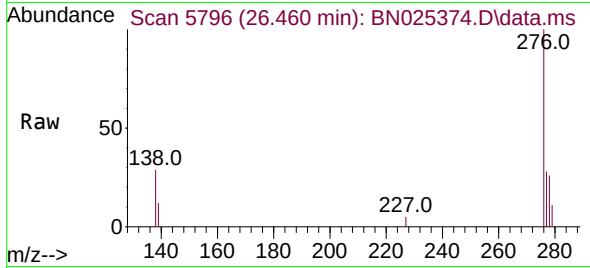
Tgt Ion:276 Resp: 110086
Ion Ratio Lower Upper
276 100
138 23.6 21.9 32.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.374 ng/ul
RT: 26.460 min Scan# 5796
Delta R.T. 0.017 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58

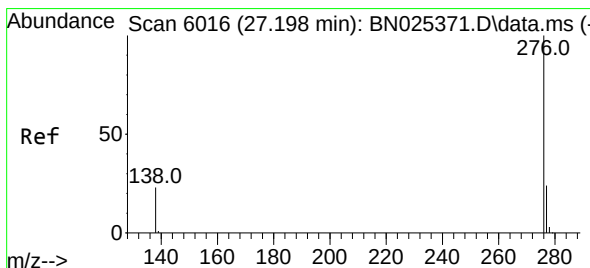
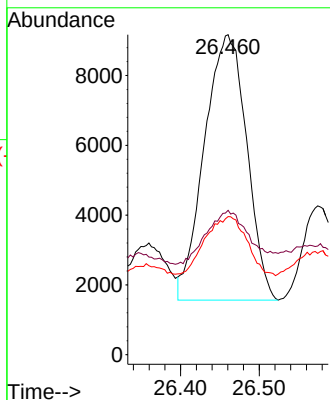
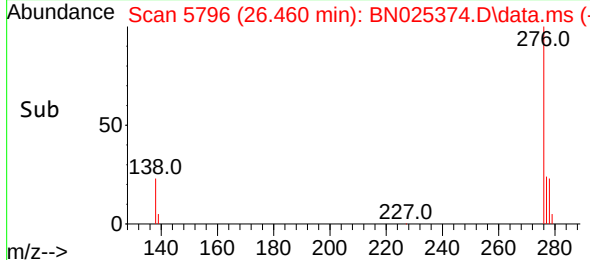
Instrument :
BNA_N
ClientSampleId :
EW947DL



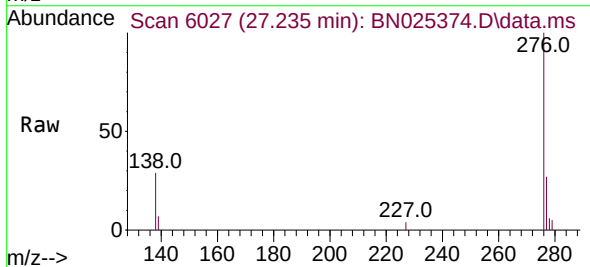
Tgt Ion:278 Resp: 2843
Ion Ratio Lower Upper
278 100
139 45.1 17.0 25.6
279 43.2 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#29
Benzo(g,h,i)perylene
Concen: 1.446 ng/ul
RT: 27.235 min Scan# 6027
Delta R.T. 0.037 min
Lab File: BN025374.D
Acq: 10 May 2023 10:58



Tgt Ion:276 Resp: 119700
Ion Ratio Lower Upper
276 100
138 29.1 20.3 30.5
277 27.3 19.8 29.6

