

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024502.D
 Acq On : 23 Mar 2023 05:28
 Operator : CG/JU
 Sample : 01947-01RE
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB929RE

Manual Integrations
 APPROVED

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

Quant Time: Mar 23 06:21:44 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	9348	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	28332	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.661	164	18776	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	39675	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.597	240	28200	0.400	ng/ul	# 0.00
23) Perylene-d12	24.091	264	27389	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	43585	4.237	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	10910	0.324	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	24578	0.328	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.889	128	7774	0.110	ng/ul#	41
7) 2-Methylnaphthalene	12.494	142	7173	0.167	ng/ul	99
8) 1-Methylnaphthalene	12.714	142	7455	0.165	ng/ul	100
10) Acenaphthylene	14.388	152	15805	0.202	ng/ul#	31
11) Acenaphthene	14.726	153	421247	6.980	ng/ul	96
12) Fluorene	15.707	166	240983	3.575	ng/ul	97
15) Phenanthrene	17.451	178	273148	2.404	ng/ul	97
16) Anthracene	17.540	178	173685	1.742	ng/ul#	95
19) Fluoranthene	19.464	202	915791	8.160	ng/ul	100
20) Pyrene	19.826	202	671661	5.899	ng/ul	96
21) Benzo(a)anthracene	21.580	228	115446	1.254	ng/ul#	90
22) Chrysene	21.635	228	107484	1.106	ng/ul#	88
24) Benzo(b)fluoranthene	23.325	252	68540m	0.655	ng/ul	
25) Benzo(k)fluoranthene	23.375	252	23712m	0.218	ng/ul	
26) Benzo(a)pyrene	23.980	252	46562	0.517	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.693	276	18065	0.178	ng/ul#	100
29) Benzo(g,h,i)perylene	27.498	276	22258	0.253	ng/ul#	1

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

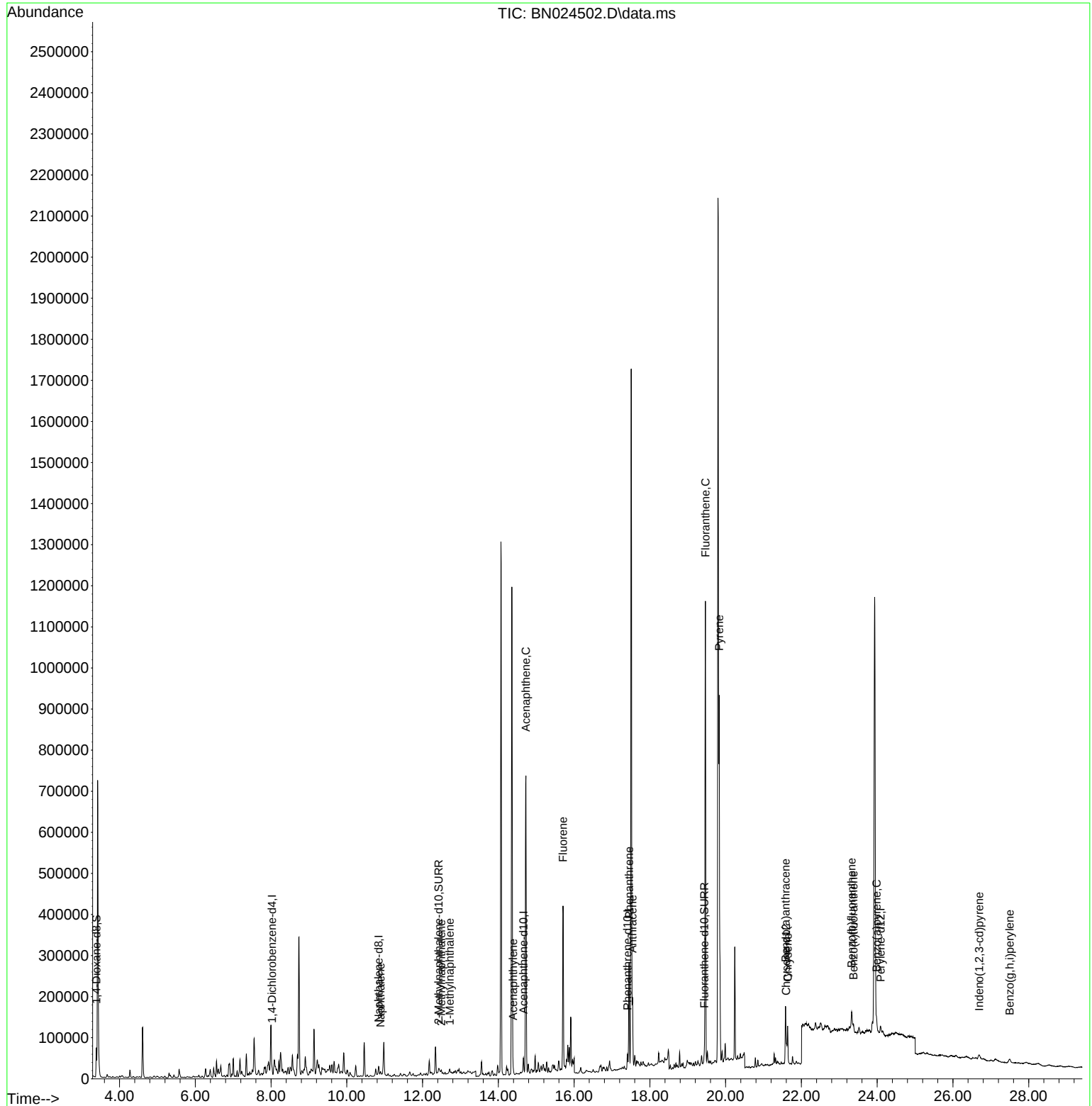
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
Data File : BN024502.D
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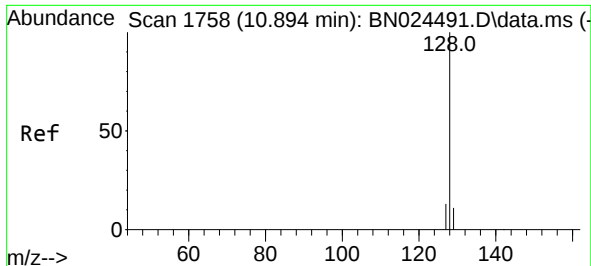
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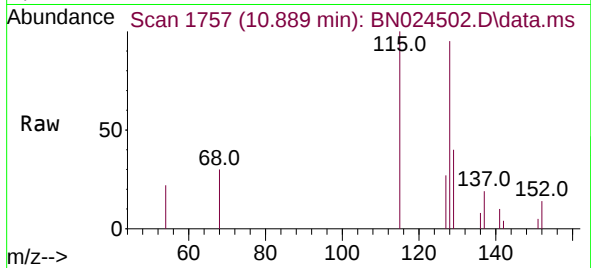
Quant Time: Mar 23 06:21:44 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 03:32:22 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.110 ng/ul
RT: 10.889 min Scan# 1757
Delta R.T. -0.005 min
Lab File: BN024502.D
Acq: 23 Mar 2023 05:28

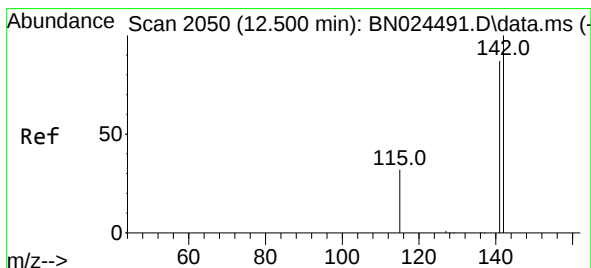
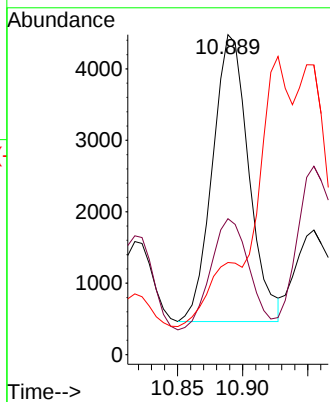
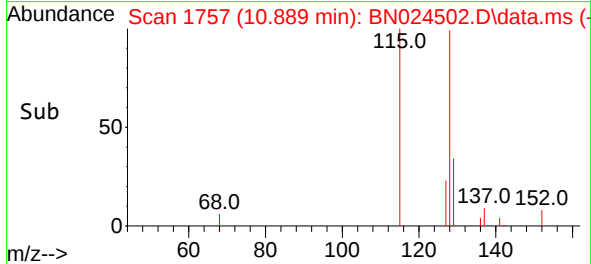
Instrument :
BNA_N
ClientSampleId :
CB929RE



Tgt Ion:128 Resp: 7774
Ion Ratio Lower Upper
128 100
129 42.5 9.0 13.6
127 28.8 10.5 15.7

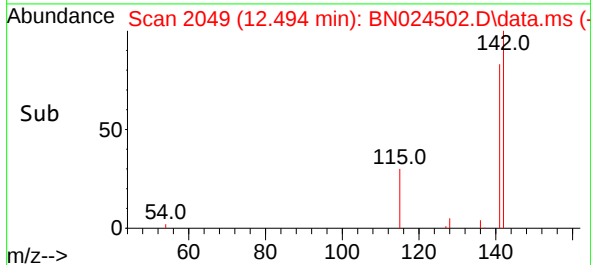
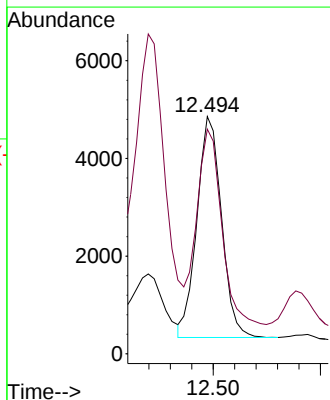
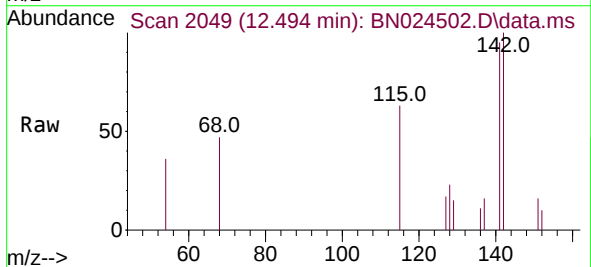
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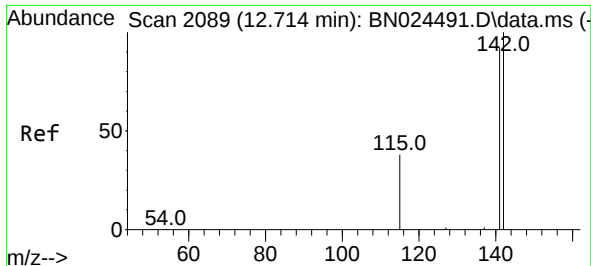
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#7
2-Methylnaphthalene
Concen: 0.167 ng/ul
RT: 12.494 min Scan# 2049
Delta R.T. -0.005 min
Lab File: BN024502.D
Acq: 23 Mar 2023 05:28

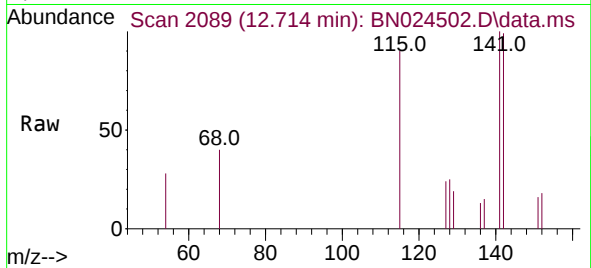
Tgt Ion:142 Resp: 7173
Ion Ratio Lower Upper
142 100
141 88.9 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.165 ng/ul
RT: 12.714 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BN024502.D
Acq: 23 Mar 2023 05:28

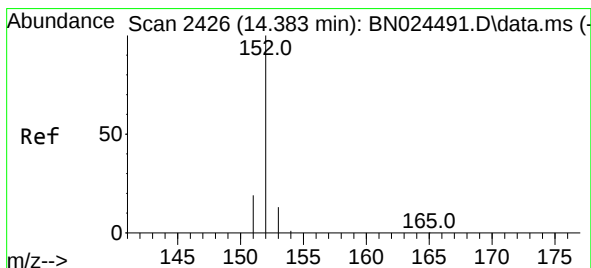
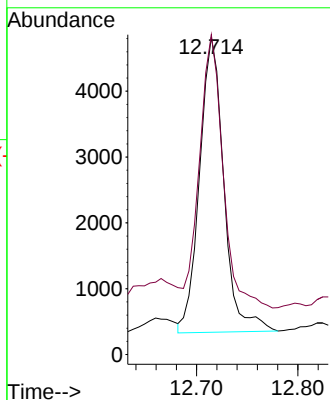
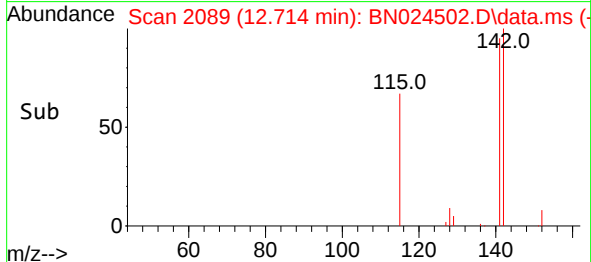
Instrument :
BNA_N
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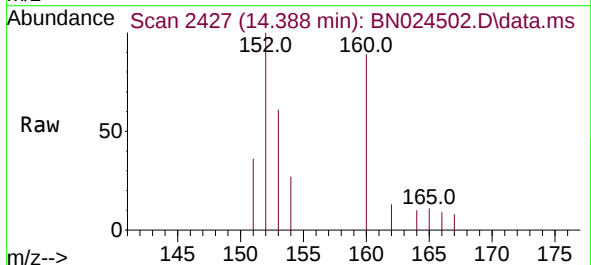
Tgt Ion:142 Resp: 7458
Ion Ratio Lower Upper
142 100
141 90.8 73.0 109.6

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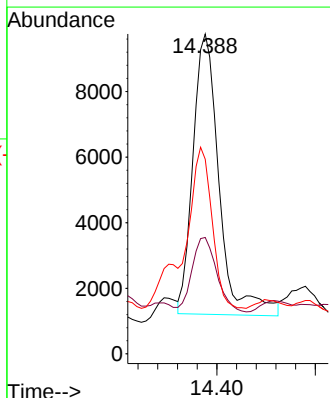
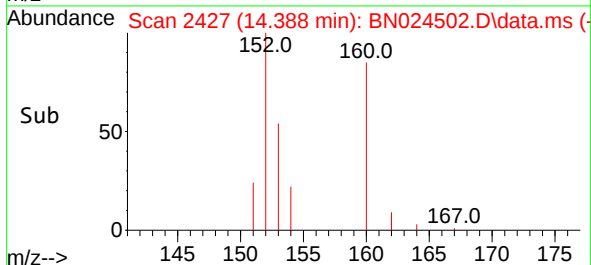
Reviewed By :Christian Giraldo 03/23/2023
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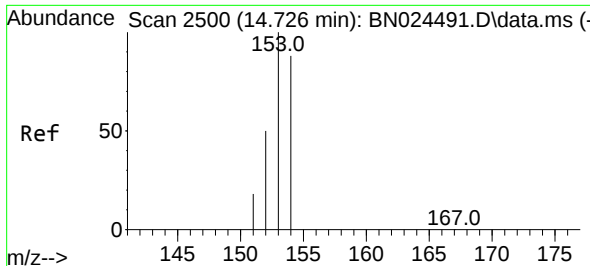


#10
Acenaphthylene
Concen: 0.202 ng/ul
RT: 14.388 min Scan# 2427
Delta R.T. 0.005 min
Lab File: BN024502.D
Acq: 23 Mar 2023 05:28



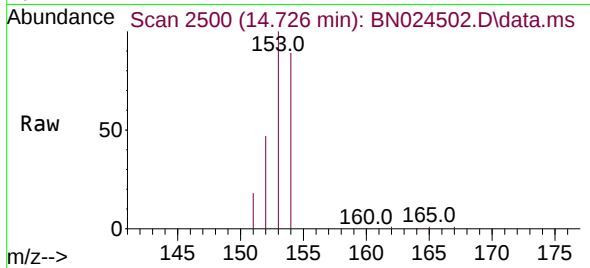
Tgt Ion:152 Resp: 15805
Ion Ratio Lower Upper
152 100
151 36.4 15.9 23.9#
153 60.8 10.6 16.0#





#11
Acenaphthene
Concen: 6.980 ng/ul
RT: 14.726 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024502.D
Acq: 23 Mar 2023 05:28

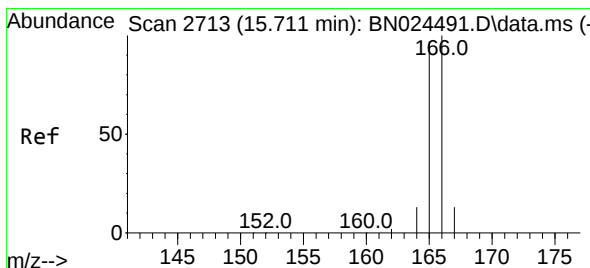
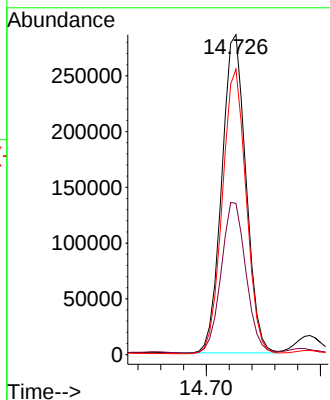
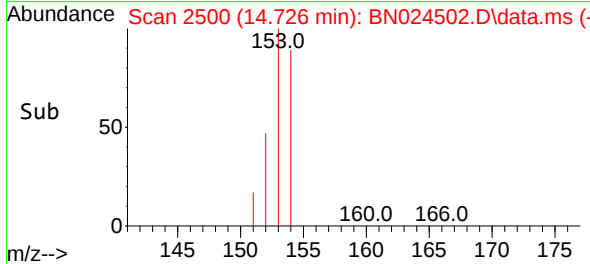
Instrument :
BNA_N
ClientSampleId :
CB929RE



Tgt Ion:153 Resp: 421247
Ion Ratio Lower Upper
153 100
152 47.3 42.6 64.0
154 89.2 70.6 105.8

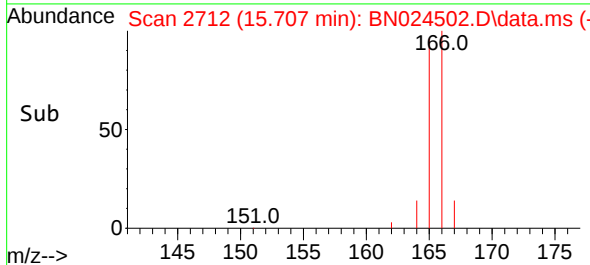
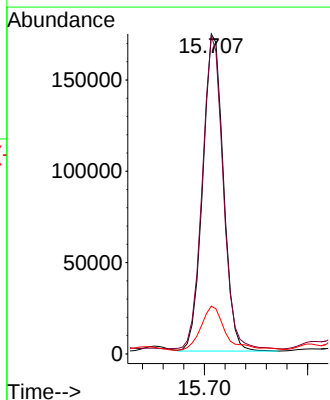
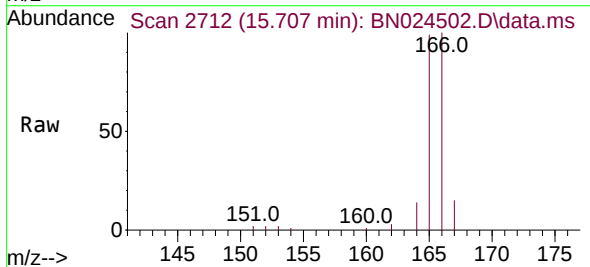
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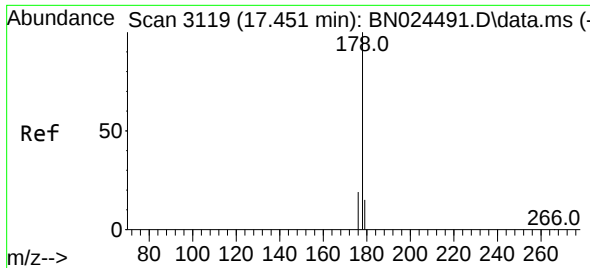
Reviewed By :Christian Giraldo 03/23/2023
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#12
Fluorene
Concen: 3.575 ng/ul
RT: 15.707 min Scan# 2712
Delta R.T. -0.004 min
Lab File: BN024502.D
Acq: 23 Mar 2023 05:28

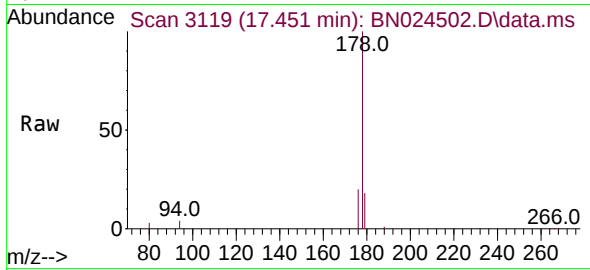
Tgt Ion:166 Resp: 240983
Ion Ratio Lower Upper
166 100
165 99.5 77.4 116.0
167 14.9 10.9 16.3





#15
Phenanthrene
Concen: 2.404 ng/ul
RT: 17.451 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN024502.D
Acq: 23 Mar 2023 05:28

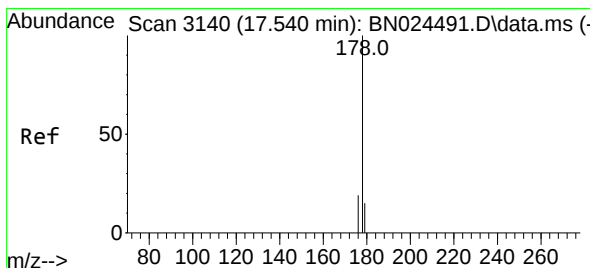
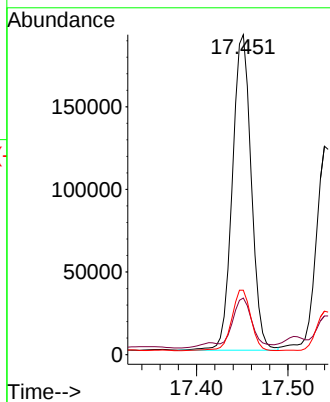
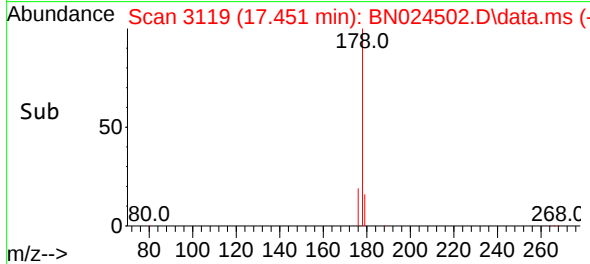
Instrument :
BNA_N
ClientSampleId :
CB929RE



Tgt Ion:178 Resp: 273148
Ion Ratio Lower Upper
178 100
179 17.7 12.2 18.2
176 20.1 15.7 23.5

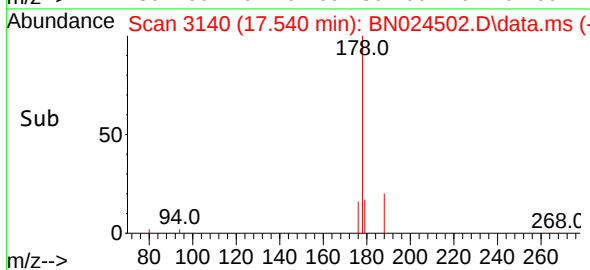
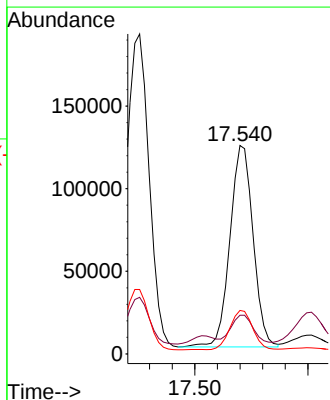
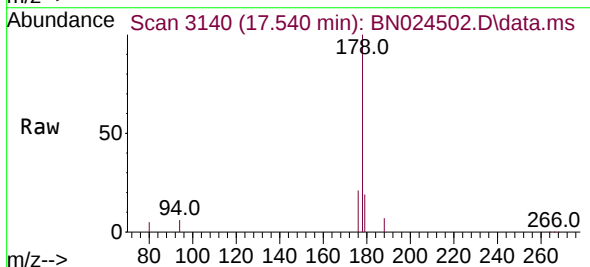
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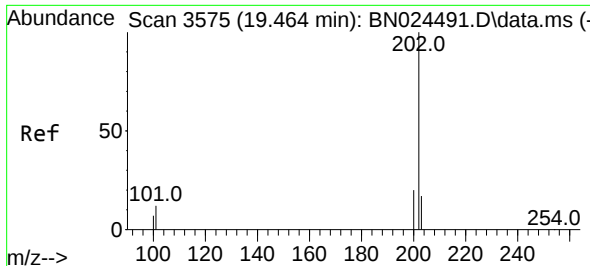
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#16
Anthracene
Concen: 1.742 ng/ul
RT: 17.540 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BN024502.D
Acq: 23 Mar 2023 05:28

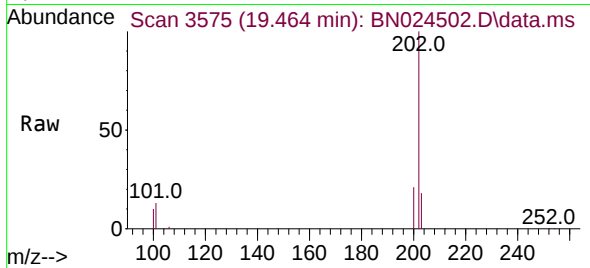
Tgt Ion:178 Resp: 173685
Ion Ratio Lower Upper
178 100
179 18.5 12.3 18.5#
176 20.8 15.3 22.9





#19
Fluoranthene
Concen: 8.160 ng/u1
RT: 19.464 min Scan# 3575
Delta R.T. 0.000 min
Lab File: BN024502.D
Acq: 23 Mar 2023 05:28

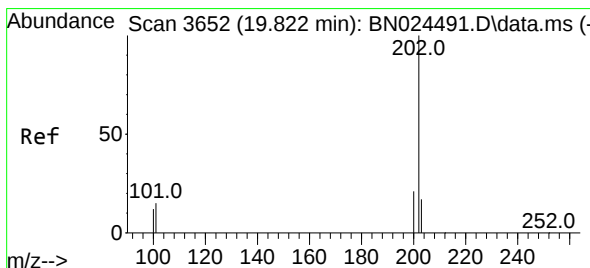
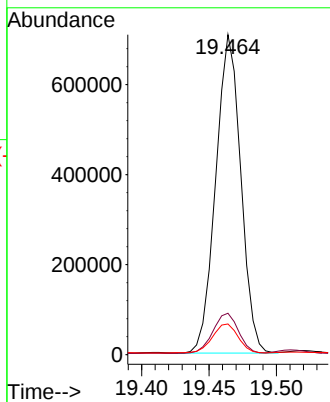
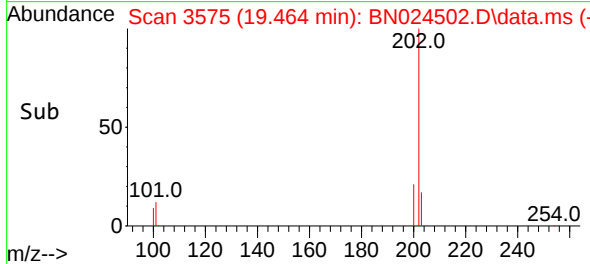
Instrument :
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CB929RE



Tgt Ion:202 Resp: 915791
Ion Ratio Lower Upper
202 100
101 12.9 10.4 15.6
100 9.6 7.7 11.5

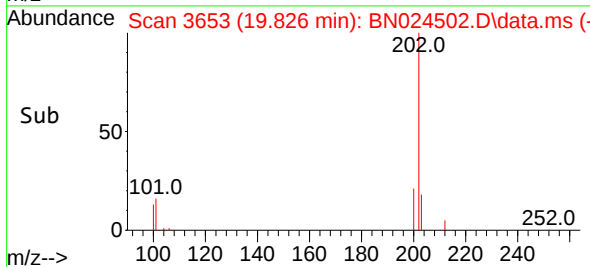
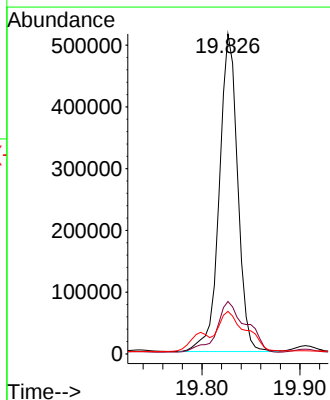
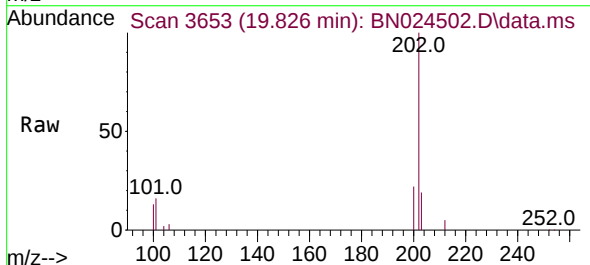
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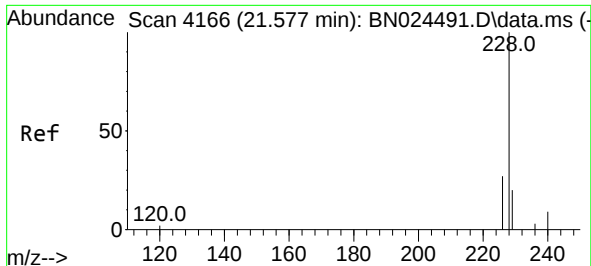
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#20
Pyrene
Concen: 5.899 ng/u1
RT: 19.826 min Scan# 3653
Delta R.T. 0.005 min
Lab File: BN024502.D
Acq: 23 Mar 2023 05:28

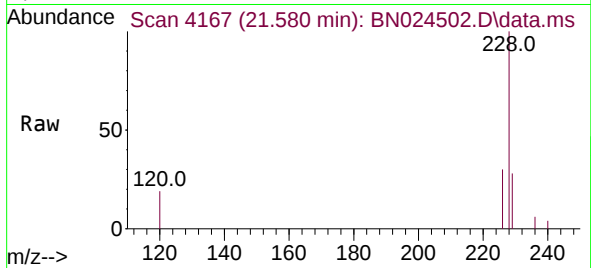
Tgt Ion:202 Resp: 671661
Ion Ratio Lower Upper
202 100
101 16.4 12.1 18.1
100 13.3 9.4 14.0





#21
Benzo(a)anthracene
Concen: 1.254 ng/ul
RT: 21.580 min Scan# 4166
Delta R.T. 0.003 min
Lab File: BN024502.D
Acq: 23 Mar 2023 05:28

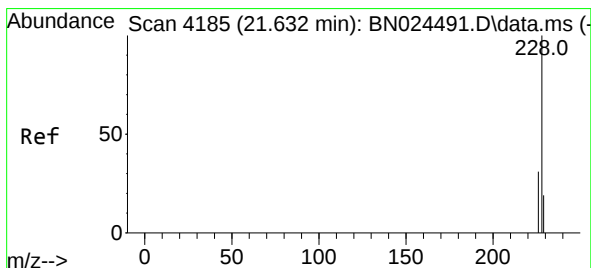
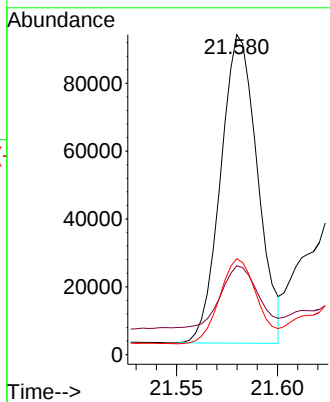
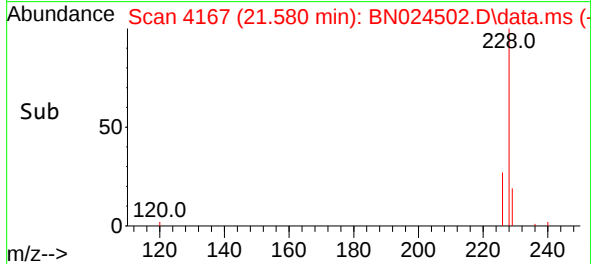
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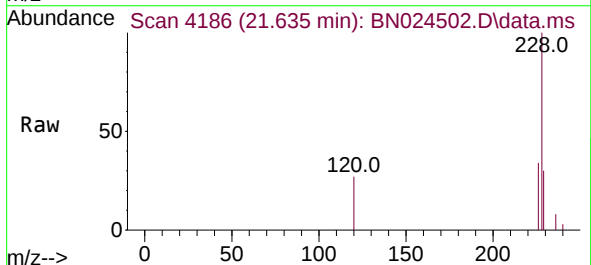
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Ion Ratio Lower Upper
228 100
229 27.8 15.8 23.6
226 30.0 22.2 33.4

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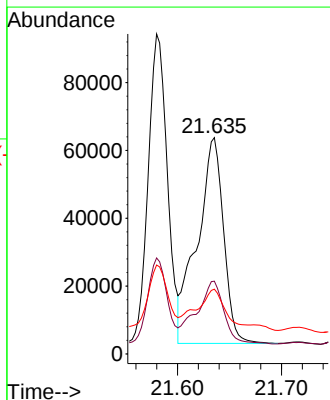
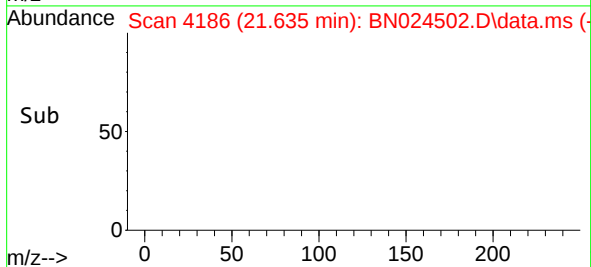
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

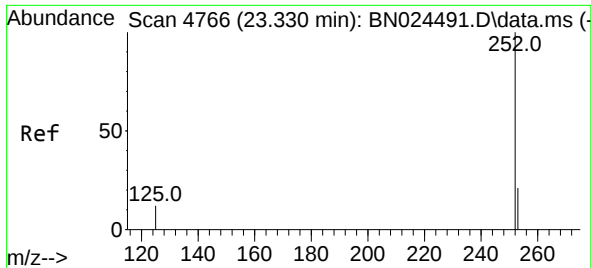


#22
Chrysene
Concen: 1.106 ng/ul
RT: 21.635 min Scan# 4186
Delta R.T. 0.003 min
Lab File: BN024502.D
Acq: 23 Mar 2023 05:28



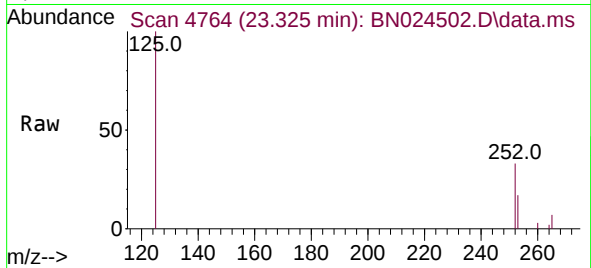
Tgt Ion:228 Resp: 107484
Ion Ratio Lower Upper
228 100
226 33.6 24.8 37.2
229 29.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.655 ng/ul m
RT: 23.325 min Scan# 4764
Delta R.T. -0.006 min
Lab File: BN024502.D
Acq: 23 Mar 2023 05:28

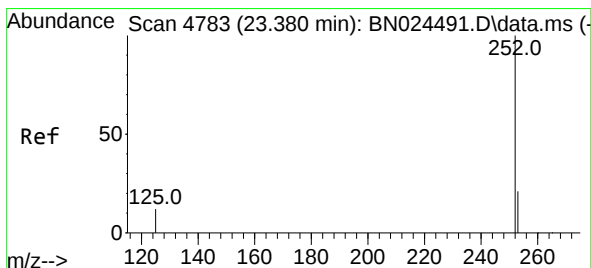
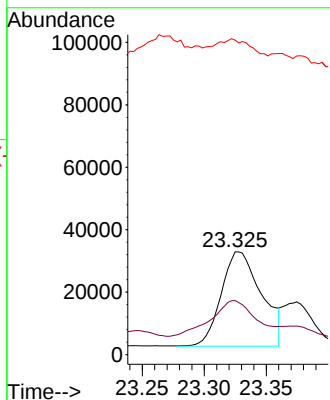
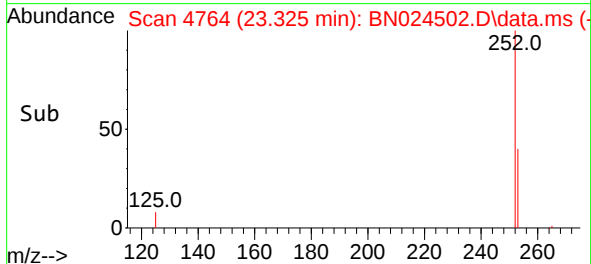
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Tgt Ion:252 Resp: 68540
Ion Ratio Lower Upper
252 100
253 52.6 0.0 46.2#
125 305.9 0.0 34.0#

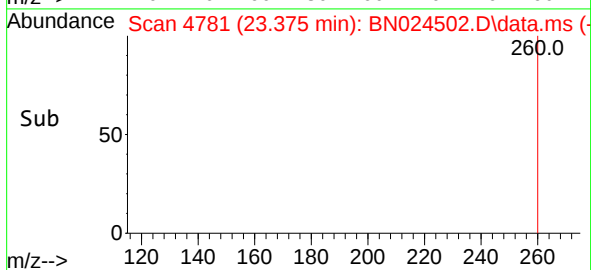
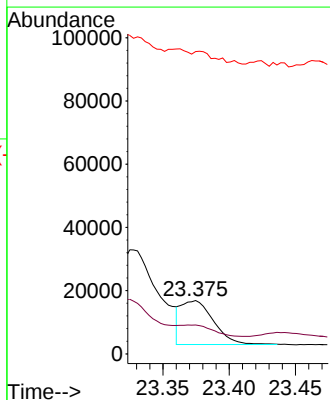
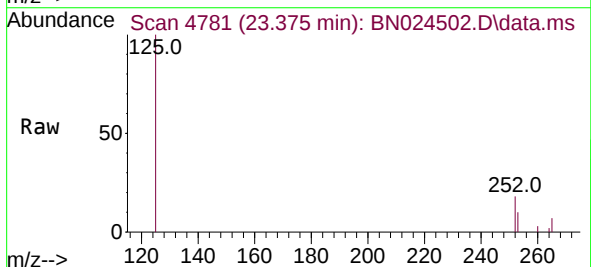
Manual Integrations
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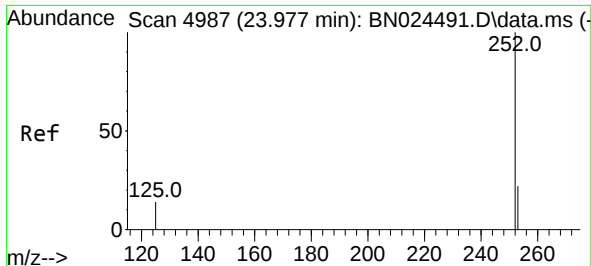
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#25
Benzo(k)fluoranthene
Concen: 0.218 ng/ul m
RT: 23.375 min Scan# 4781
Delta R.T. -0.006 min
Lab File: BN024502.D
Acq: 23 Mar 2023 05:28

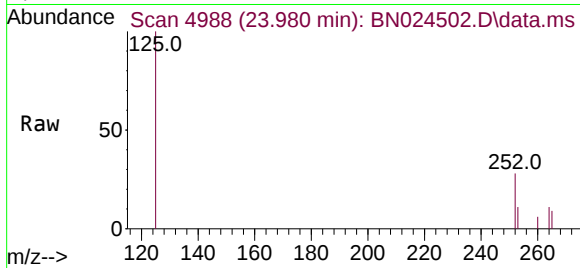
Tgt Ion:252 Resp: 23712
Ion Ratio Lower Upper
252 100
253 54.1 18.5 27.7#
125 566.9 13.2 19.8#





#26
Benzo(a)pyrene
Concen: 0.517 ng/ul
RT: 23.980 min Scan# 4987
Delta R.T. 0.003 min
Lab File: BN024502.D
Acq: 23 Mar 2023 05:28

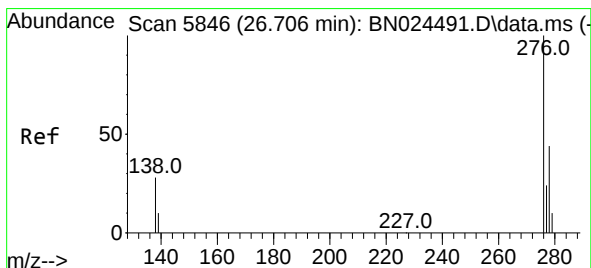
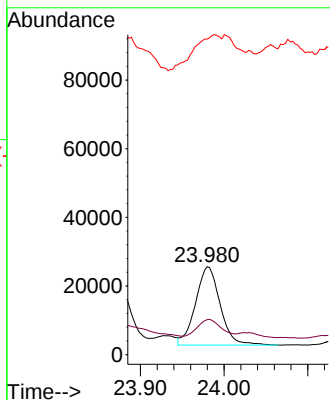
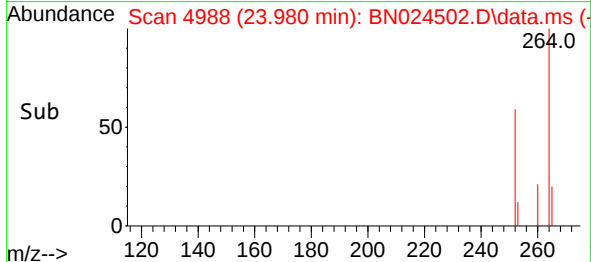
Instrument :
BNA_N
ClientSampleId :
CB929RE



Tgt Ion:252 Resp: 46562
Ion Ratio Lower Upper
252 100
253 39.8 19.2 28.8
125 358.4 15.8 23.6

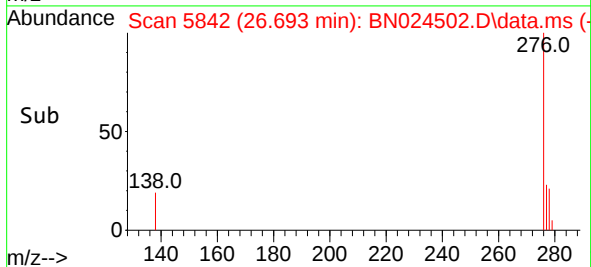
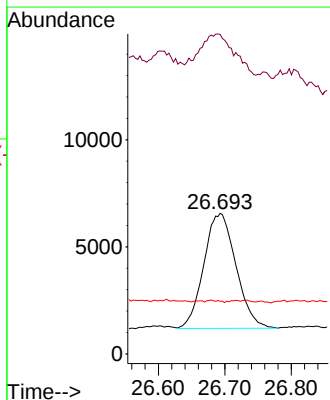
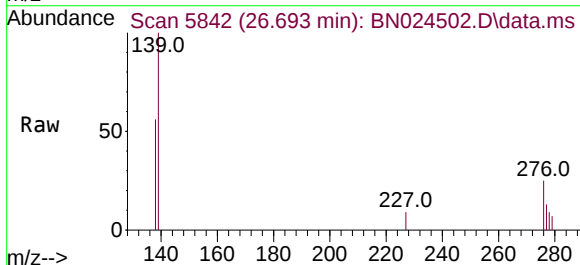
Manual Integrations
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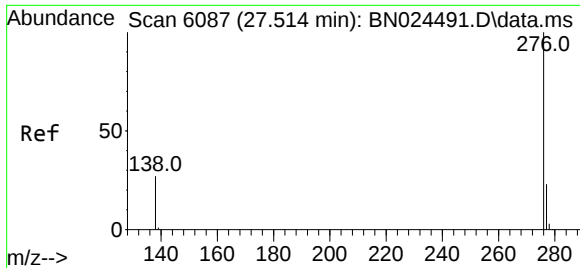
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.178 ng/ul
RT: 26.693 min Scan# 5842
Delta R.T. -0.013 min
Lab File: BN024502.D
Acq: 23 Mar 2023 05:28

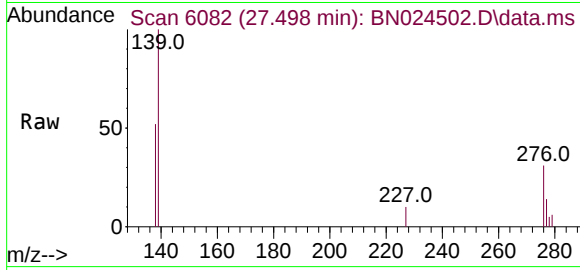
Tgt Ion:276 Resp: 18065
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.7 0.0 0.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.253 ng/ul
 RT: 27.498 min Scan# 6082
 Delta R.T. -0.017 min
 Lab File: BN024502.D
 Acq: 23 Mar 2023 05:28

Instrument :
 BNA_N
 ClientSampleId :
 CB929RE



Tgt Ion: 276 Resp: 22258

Ion	Ratio	Lower	Upper
276	100		
138	170.5	25.2	37.8
277	46.0	19.4	29.2

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

