

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024484.D
 Acq On : 22 Mar 2023 17:48
 Operator : CG/JU
 Sample : 01947-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB929

Manual Integrations
 APPROVED

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

Quant Time: Mar 23 03:10:36 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 : Wed Mar 22 14:57:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	9553	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	29372	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.666	164	19548	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	41556	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.600	240	28373	0.400	ng/ul	# 0.00
23) Perylene-d12	24.097	264	27115	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	47281	4.497	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	11979	0.343	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	27317	0.362	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.894	128	9066	0.124	ng/ul#	43
7) 2-Methylnaphthalene	12.500	142	7929	0.178	ng/ul	97
8) 1-Methylnaphthalene	12.720	142	8117	0.174	ng/ul	97
10) Acenaphthylene	14.388	152	18838	0.231	ng/ul#	26
11) Acenaphthene	14.726	153	467783	7.444	ng/ul	97
12) Fluorene	15.711	166	268591	3.828	ng/ul	98
15) Phenanthrene	17.451	178	303361	2.549	ng/ul	97
16) Anthracene	17.544	178	195323	1.870	ng/ul	95
19) Fluoranthene	19.469	202	1022172	9.052	ng/ul	100
20) Pyrene	19.831	202	751166	6.557	ng/ul	96
21) Benzo(a)anthracene	21.586	228	131149	1.416	ng/ul#	91
22) Chrysene	21.638	228	118510	1.212	ng/ul#	89
24) Benzo(b)fluoranthene	23.331	252	77075m	0.744	ng/ul	
25) Benzo(k)fluoranthene	23.378	252	25599m	0.238	ng/ul	
26) Benzo(a)pyrene	23.986	252	52498	0.589	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.700	276	20405	0.203	ng/ul#	100
29) Benzo(g,h,i)perylene	27.505	276	24651	0.283	ng/ul#	1

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

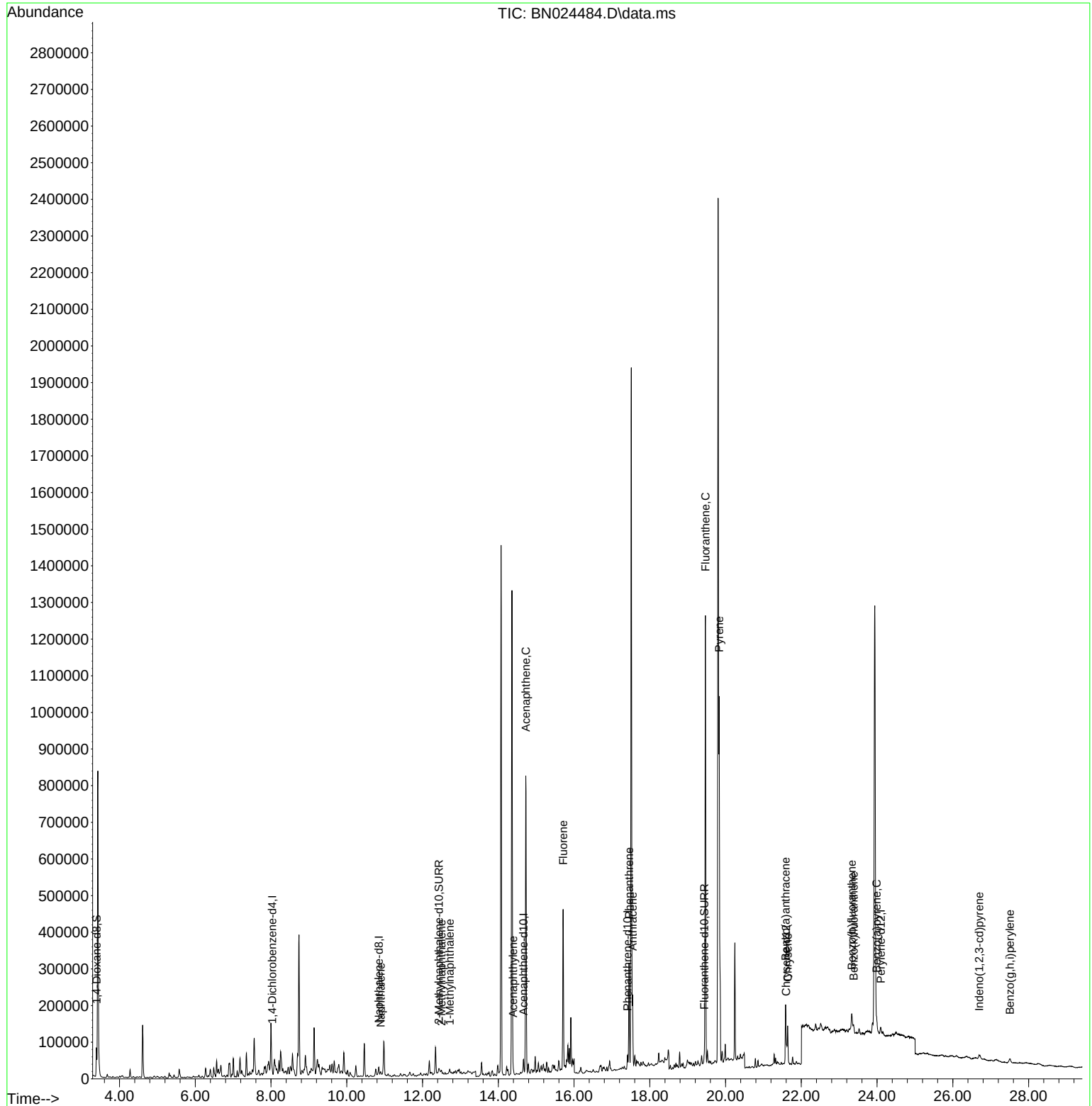
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
Data File : BN024484.D
Acq On : 22 Mar 2023 17:48
Operator : CG/JU
Sample : 01947-01
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ALS Vial : 11 Sample Multiplier: 1

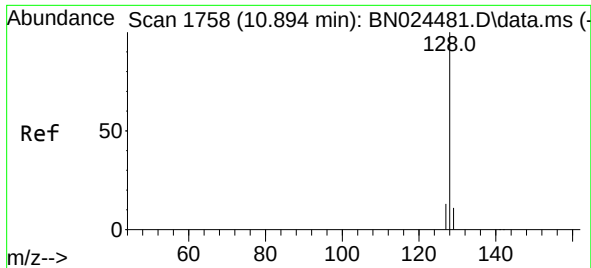
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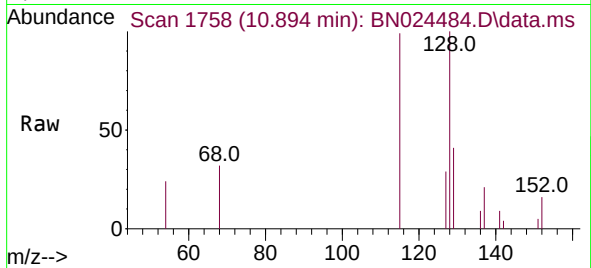
Quant Time: Mar 23 03:10:36 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 14:57:36 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.124 ng/ul
RT: 10.894 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48

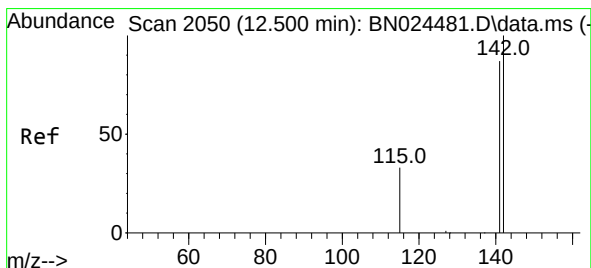
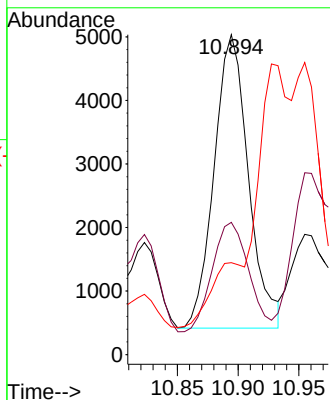
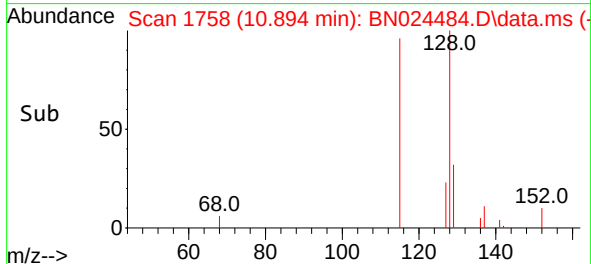
Instrument :
BNA_N
ClientSampleId :
CB929



Tgt Ion:128 Resp: 9060
Ion Ratio Lower Upper
128 100
129 41.3 9.0 13.6
127 28.7 10.5 15.7

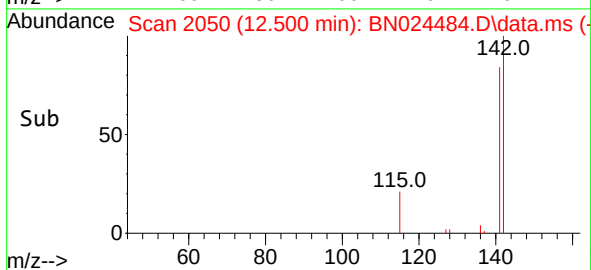
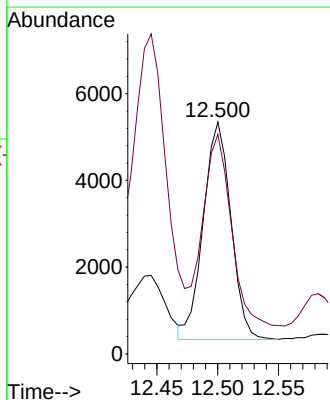
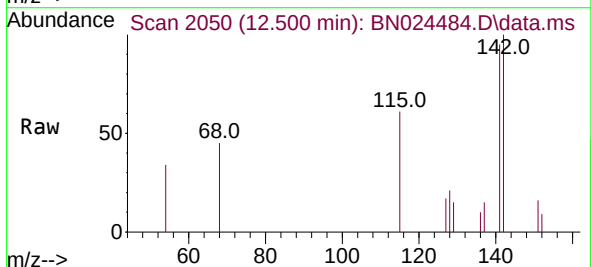
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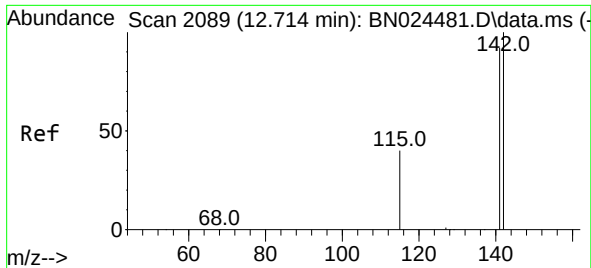
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#7
2-Methylnaphthalene
Concen: 0.178 ng/ul
RT: 12.500 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48

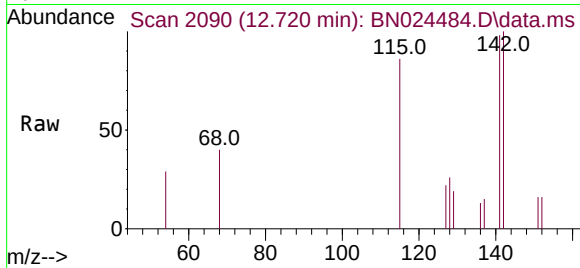
Tgt Ion:142 Resp: 7929
Ion Ratio Lower Upper
142 100
141 90.6 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.174 ng/ul
RT: 12.720 min Scan# 2089
Delta R.T. 0.006 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48

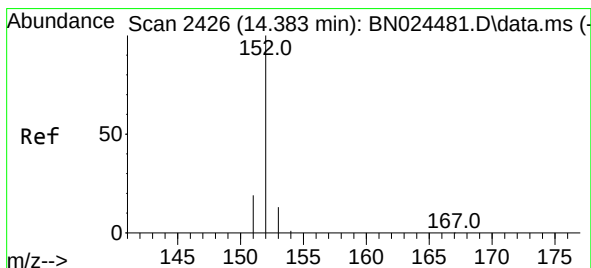
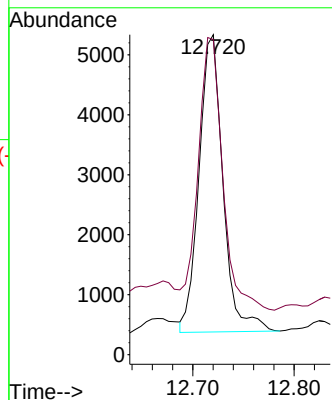
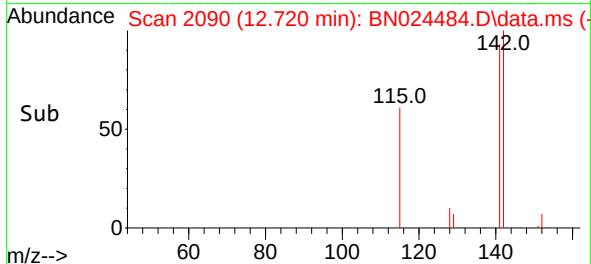
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Tgt Ion:142 Resp: 8117
Ion Ratio Lower Upper
142 100
141 94.0 73.0 109.6

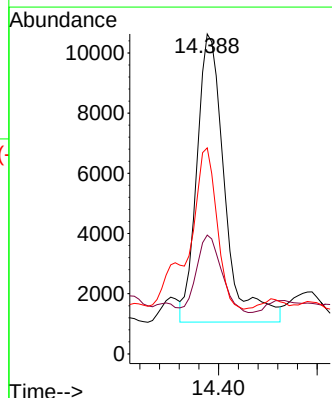
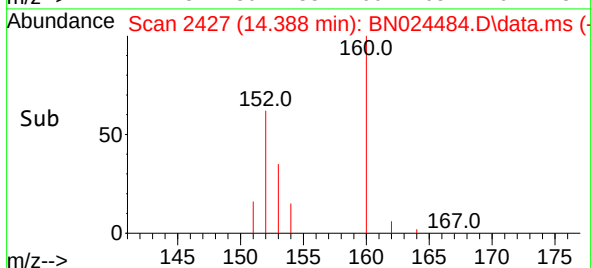
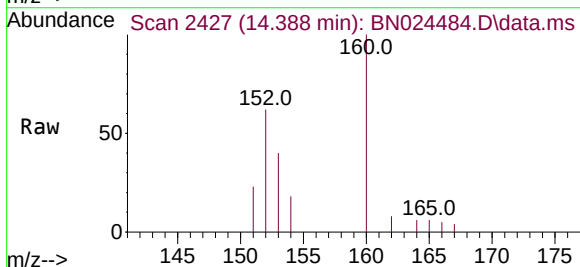
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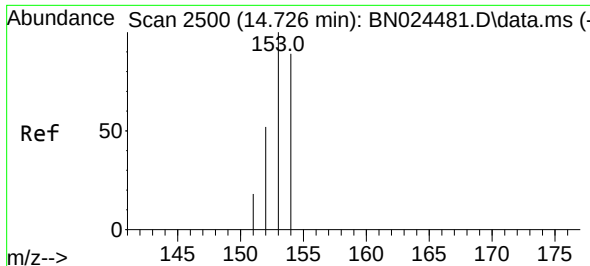
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Supervised By :Jagrut Upadhyay 03/23/2023



#10
Acenaphthylene
Concen: 0.231 ng/ul
RT: 14.388 min Scan# 2427
Delta R.T. 0.005 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48

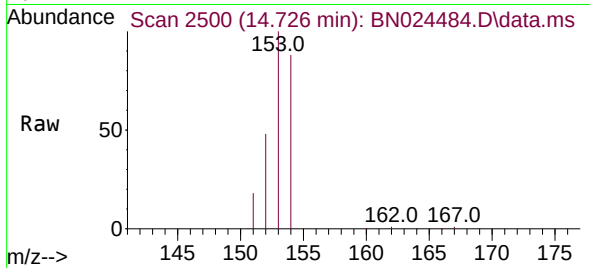
Tgt Ion:152 Resp: 18838
Ion Ratio Lower Upper
152 100
151 37.1 15.9 23.9#
153 64.4 10.6 16.0#





#11
Acenaphthene
Concen: 7.444 ng/ul
RT: 14.726 min Scan# 2500
Delta R.T. 0.000 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48

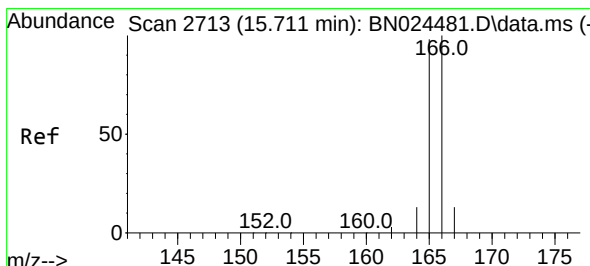
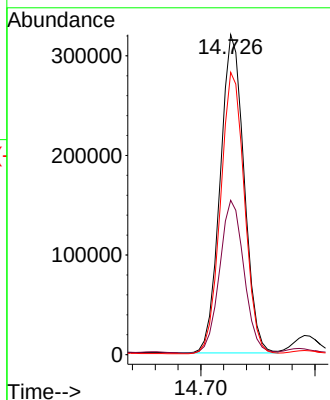
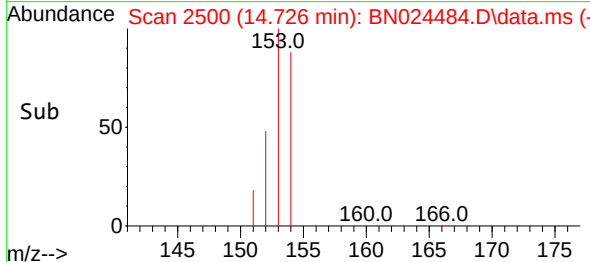
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 467783
Ion Ratio Lower Upper
153 100
152 48.2 42.6 64.0
154 88.2 70.6 105.8

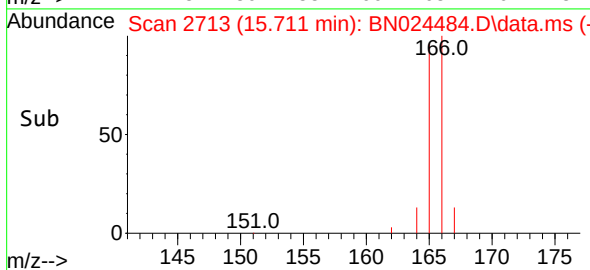
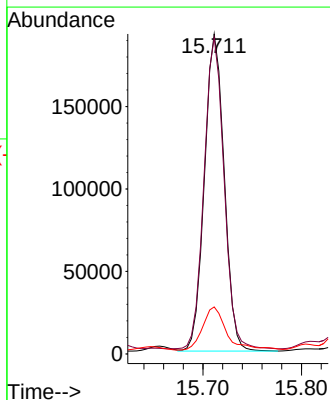
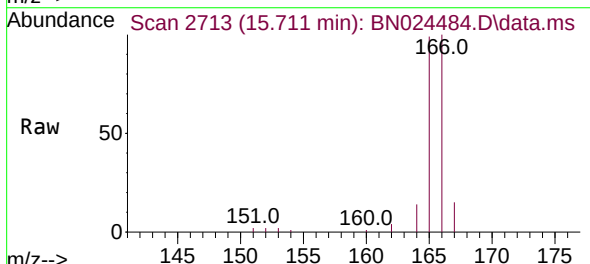
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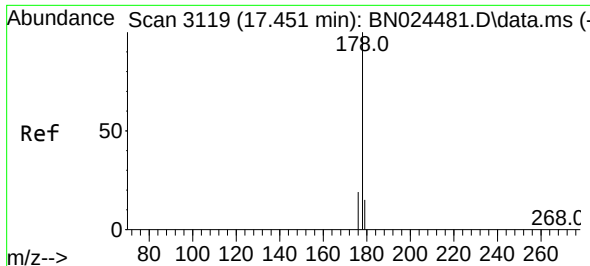
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#12
Fluorene
Concen: 3.828 ng/ul
RT: 15.711 min Scan# 2713
Delta R.T. 0.005 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48

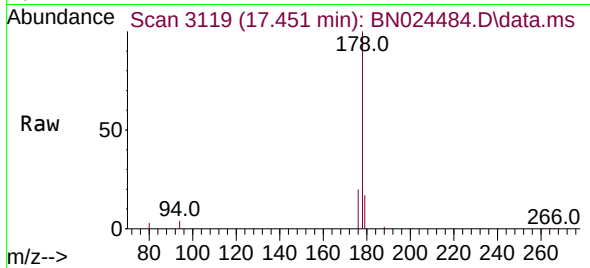
Tgt Ion:166 Resp: 268591
Ion Ratio Lower Upper
166 100
165 98.8 77.4 116.0
167 14.7 10.9 16.3





#15
Phenanthrene
Concen: 2.549 ng/ul
RT: 17.451 min Scan# 3119
Delta R.T. 0.004 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48

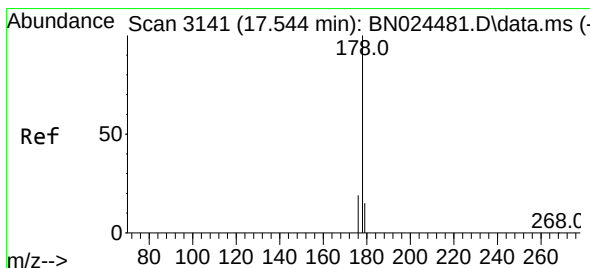
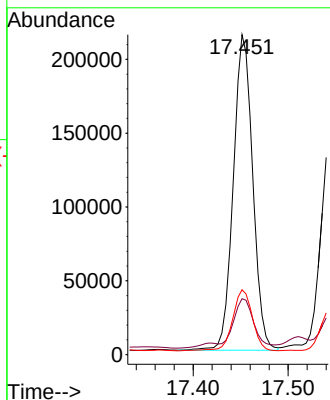
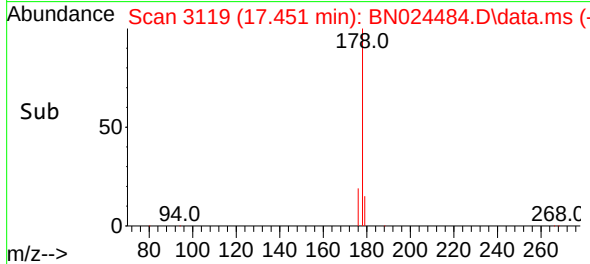
Instrument :
BNA_N
ClientSampleId :
CB929



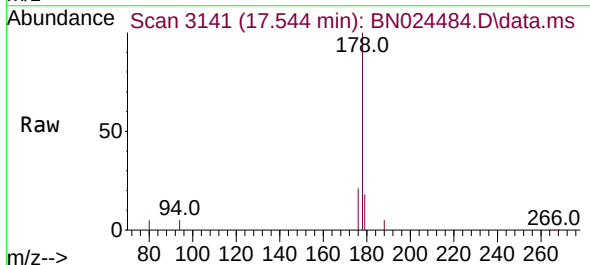
Tgt Ion:178 Resp: 303361
Ion Ratio Lower Upper
178 100
179 17.5 12.2 18.2
176 20.3 15.7 23.5

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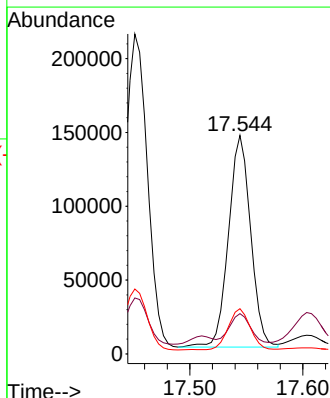
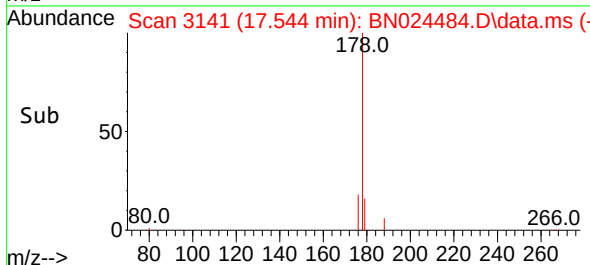
Reviewed By :Christian Giraldo 03/23/2023
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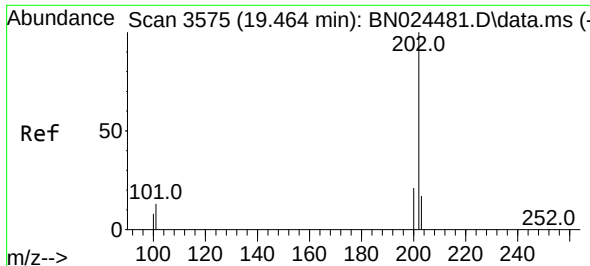


#16
Anthracene
Concen: 1.870 ng/ul
RT: 17.544 min Scan# 3141
Delta R.T. 0.004 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48



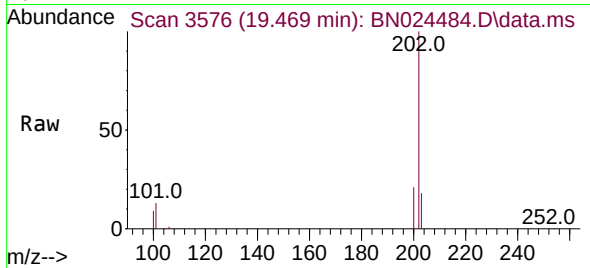
Tgt Ion:178 Resp: 195323
Ion Ratio Lower Upper
178 100
179 18.4 12.3 18.5
176 20.7 15.3 22.9





#19
Fluoranthene
Concen: 9.052 ng/u1
RT: 19.469 min Scan# 3576
Delta R.T. 0.009 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48

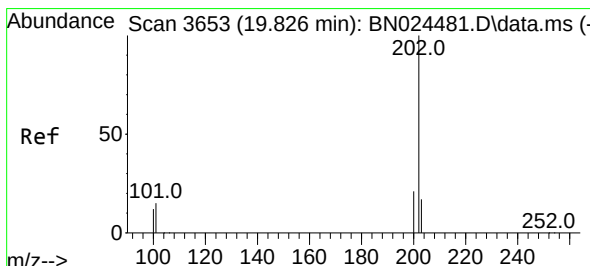
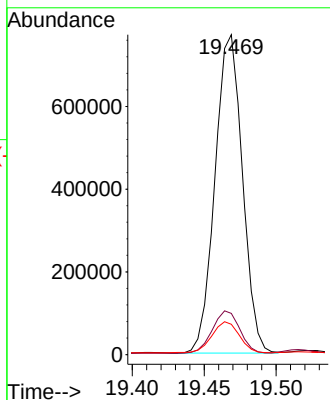
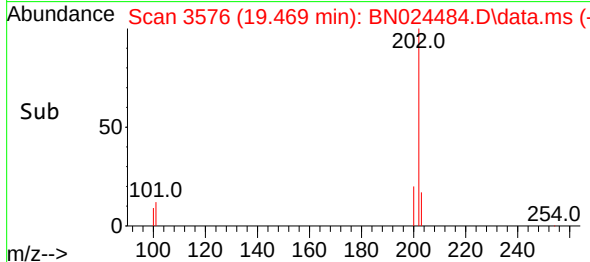
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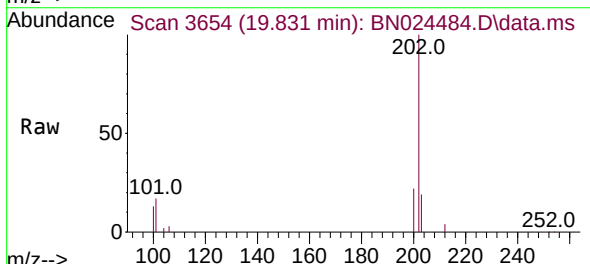
Tgt Ion:202 Resp: 1022172
Ion Ratio Lower Upper
202 100
101 12.9 10.4 15.6
100 9.5 7.7 11.5

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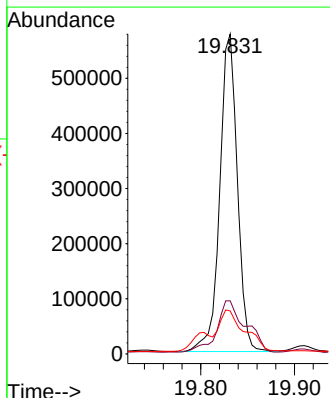
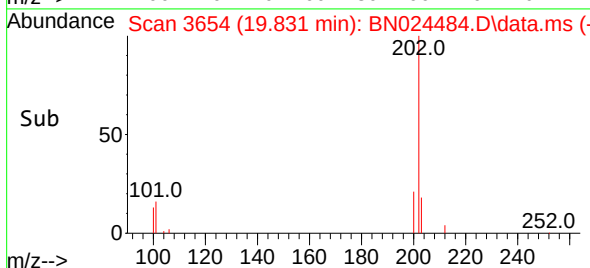
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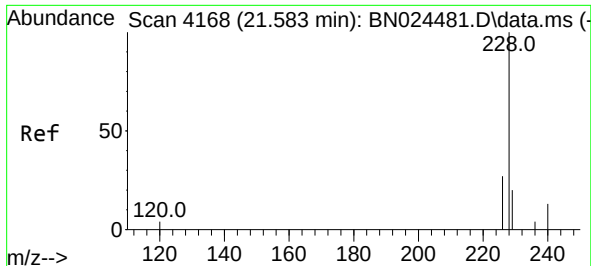


#20
Pyrene
Concen: 6.557 ng/u1
RT: 19.831 min Scan# 3654
Delta R.T. 0.009 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48



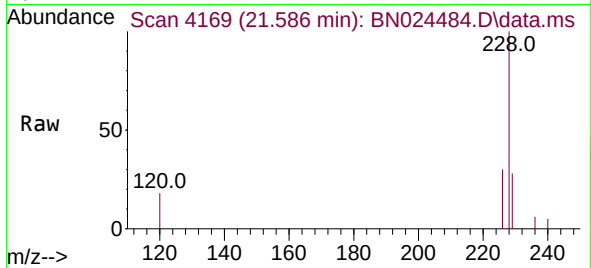
Tgt Ion:202 Resp: 751166
Ion Ratio Lower Upper
202 100
101 16.6 12.1 18.1
100 13.4 9.4 14.0





#21
Benzo(a)anthracene
Concen: 1.416 ng/ul
RT: 21.586 min Scan# 4169
Delta R.T. 0.009 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48

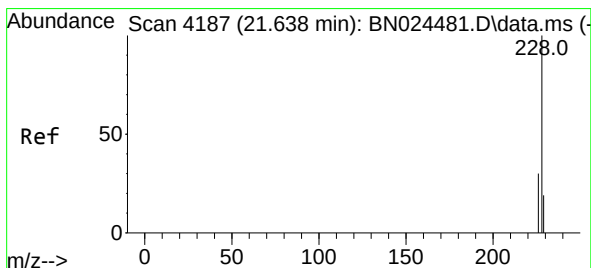
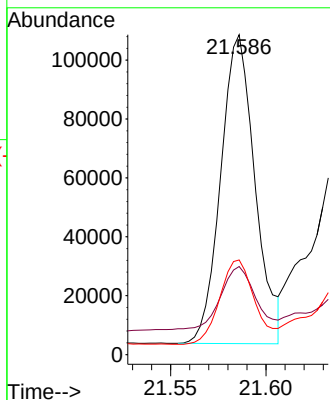
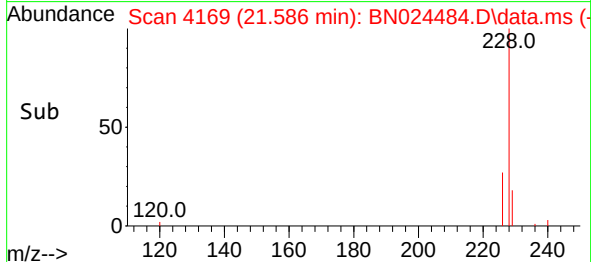
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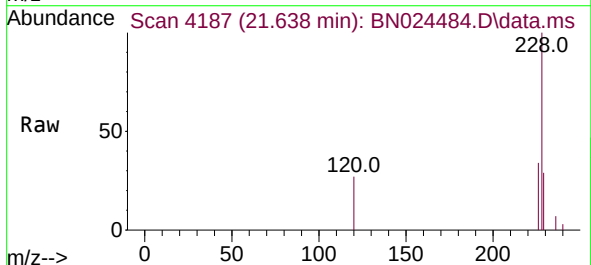
Tgt Ion:228 Resp: 131149
Ion Ratio Lower Upper
228 100
229 27.5 15.8 23.6
226 29.6 22.2 33.4

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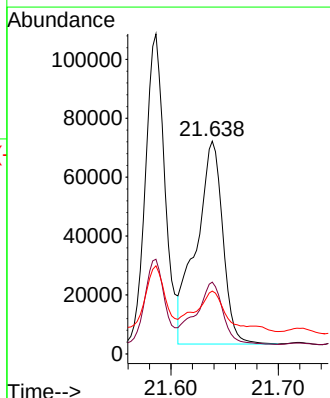
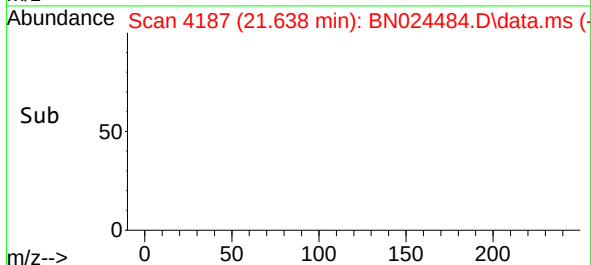
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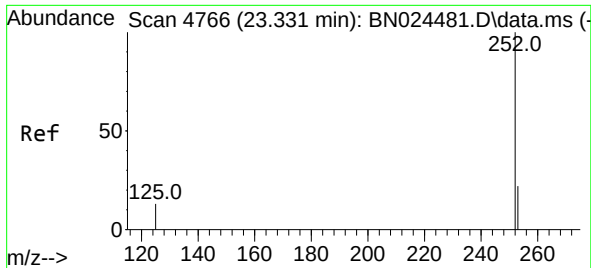


#22
Chrysene
Concen: 1.212 ng/ul
RT: 21.638 min Scan# 4187
Delta R.T. 0.006 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48



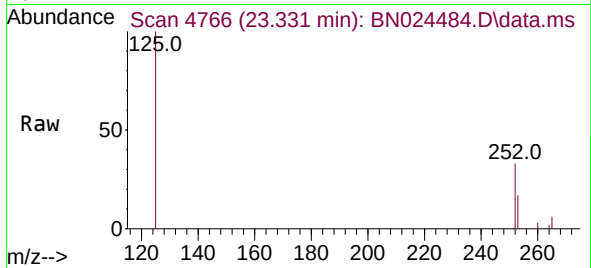
Tgt Ion:228 Resp: 118510
Ion Ratio Lower Upper
228 100
226 33.8 24.8 37.2
229 29.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.744 ng/ul m
RT: 23.331 min Scan# 4766
Delta R.T. 0.012 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48

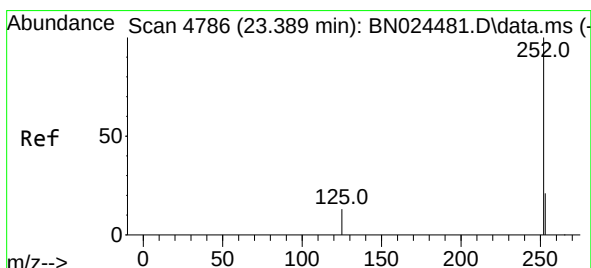
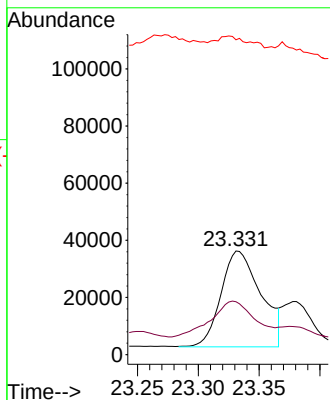
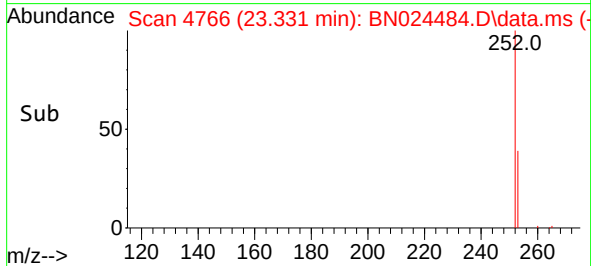
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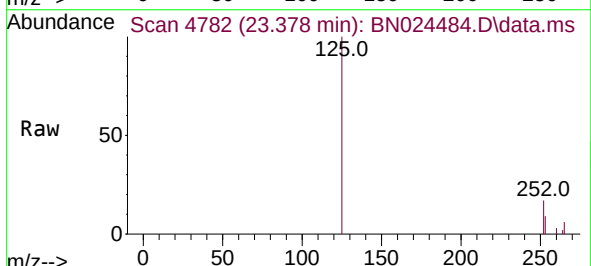
Tgt Ion:252 Resp: 77075
Ion Ratio Lower Upper
252 100
253 51.0 0.0 46.2#
125 304.0 0.0 34.0#

Manual Integrations
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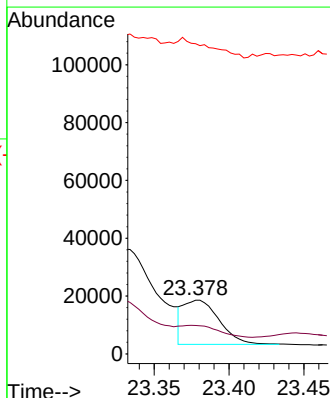
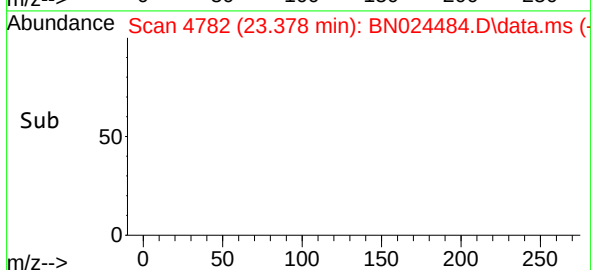
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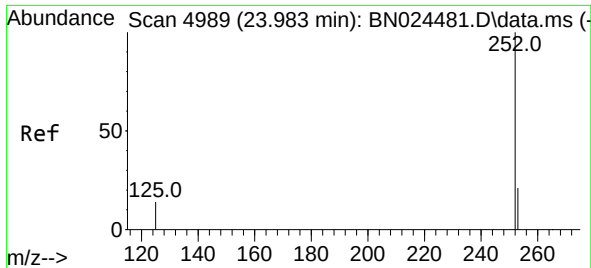


#25
Benzo(k)fluoranthene
Concen: 0.238 ng/ul m
RT: 23.378 min Scan# 4782
Delta R.T. 0.009 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48



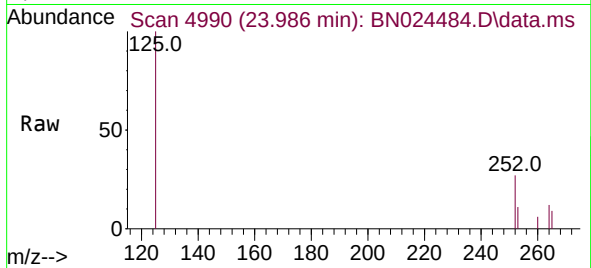
Tgt Ion:252 Resp: 25599
Ion Ratio Lower Upper
252 100
253 52.9 18.5 27.7#
125 577.3 13.2 19.8#





#26
Benzo(a)pyrene
Concen: 0.589 ng/ul
RT: 23.986 min Scan# 4989
Delta R.T. 0.018 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48

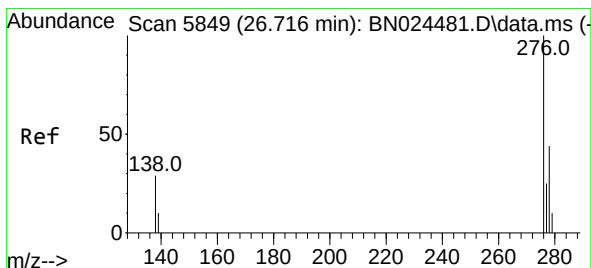
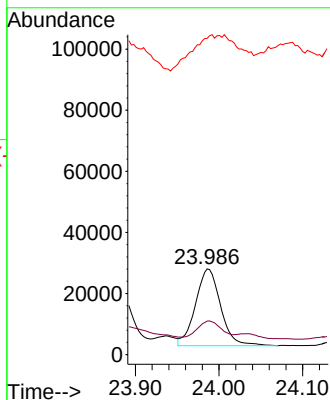
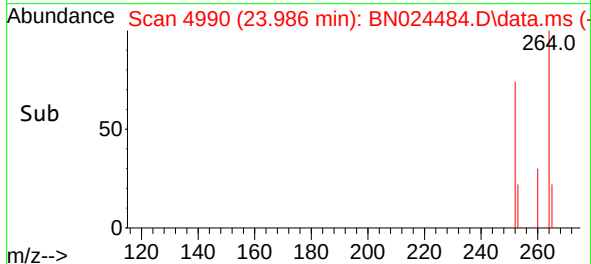
Instrument :
BNA_N
ClientSampleId :
CB929



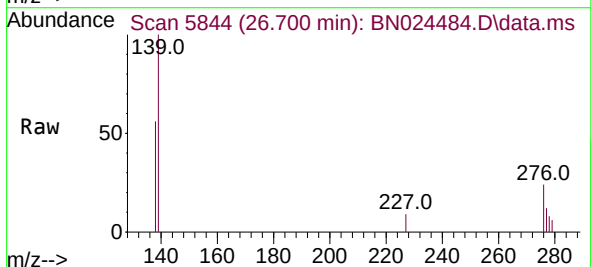
Tgt Ion:252 Resp: 52498
Ion Ratio Lower Upper
252 100
253 39.2 19.2 28.8
125 369.2 15.8 23.6

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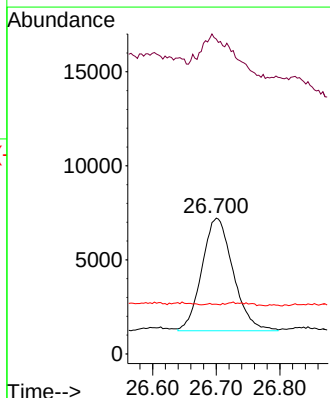
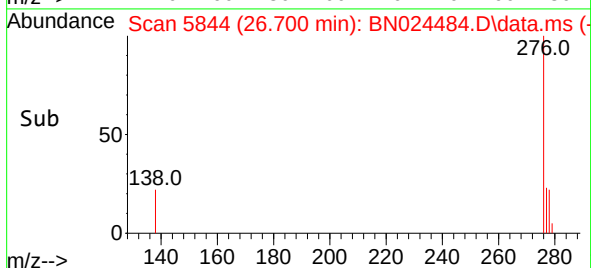
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

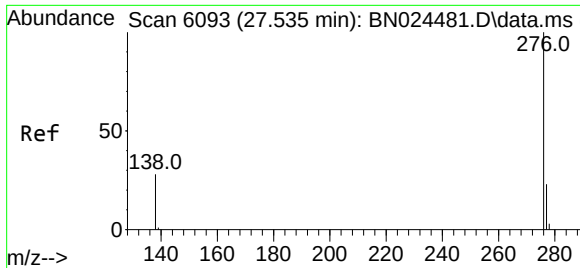


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.203 ng/ul
RT: 26.700 min Scan# 5844
Delta R.T. 0.024 min
Lab File: BN024484.D
Acq: 22 Mar 2023 17:48



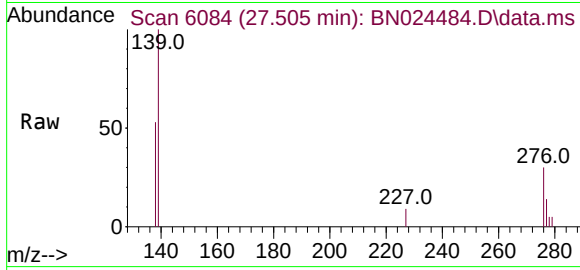
Tgt Ion:276 Resp: 20405
Ion Ratio Lower Upper
276 100
138 100.3 0.0 0.0#
227 0.3 0.0 0.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.283 ng/ul
 RT: 27.505 min Scan# 6084
 Delta R.T. 0.034 min
 Lab File: BN024484.D
 Acq: 22 Mar 2023 17:48

Instrument :
 BNA_N
 ClientSampleId :
 CB929



Tgt Ion: 276 Resp: 2465

Ion	Ratio	Lower	Upper
276	100		
138	176.2	25.2	37.8
277	45.9	19.4	29.2

Manual Integrations
 APPROVED

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

