

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024487.D
 Acq On : 22 Mar 2023 19:40
 Operator : CG/JU
 Sample : 01947-01DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB929DL

Manual Integrations
 APPROVED

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

Quant Time: Mar 23 06:17:22 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	8.030	152	8708	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	25480	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.666	164	14429	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	31636	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.597	240	25481	0.400	ng/ul	# 0.00
23) Perylene-d12	24.100	264	25968	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	9192	0.959	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	2196	0.073	ng/ul	0.00
18) Fluoranthene-d10	19.432	212	4764	0.070	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.889	128	1766	0.028	ng/ul#	33
7) 2-Methylnaphthalene	12.500	142	1462	0.038	ng/ul	99
8) 1-Methylnaphthalene	12.714	142	1503	0.037	ng/ul	99
10) Acenaphthylene	14.388	152	3517	0.058	ng/ul#	25
11) Acenaphthene	14.726	153	82788	1.785	ng/ul	97
12) Fluorene	15.711	166	46594	0.900	ng/ul	98
15) Phenanthrene	17.451	178	53444	0.590	ng/ul	96
16) Anthracene	17.540	178	33229	0.418	ng/ul#	94
19) Fluoranthene	19.464	202	186052	1.835	ng/ul	98
20) Pyrene	19.822	202	146191	1.421	ng/ul#	90
21) Benzo(a)anthracene	21.580	228	24893	0.299	ng/ul#	89
22) Chrysene	21.635	228	23177	0.264	ng/ul#	87
24) Benzo(b)fluoranthene	23.331	252	15666m	0.158	ng/ul	
25) Benzo(k)fluoranthene	23.386	252	5264m	0.051	ng/ul	
26) Benzo(a)pyrene	23.983	252	10154	0.119	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.710	276	4343	0.045	ng/ul#	100
29) Benzo(g,h,i)perylene	27.525	276	5020	0.060	ng/ul#	1

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

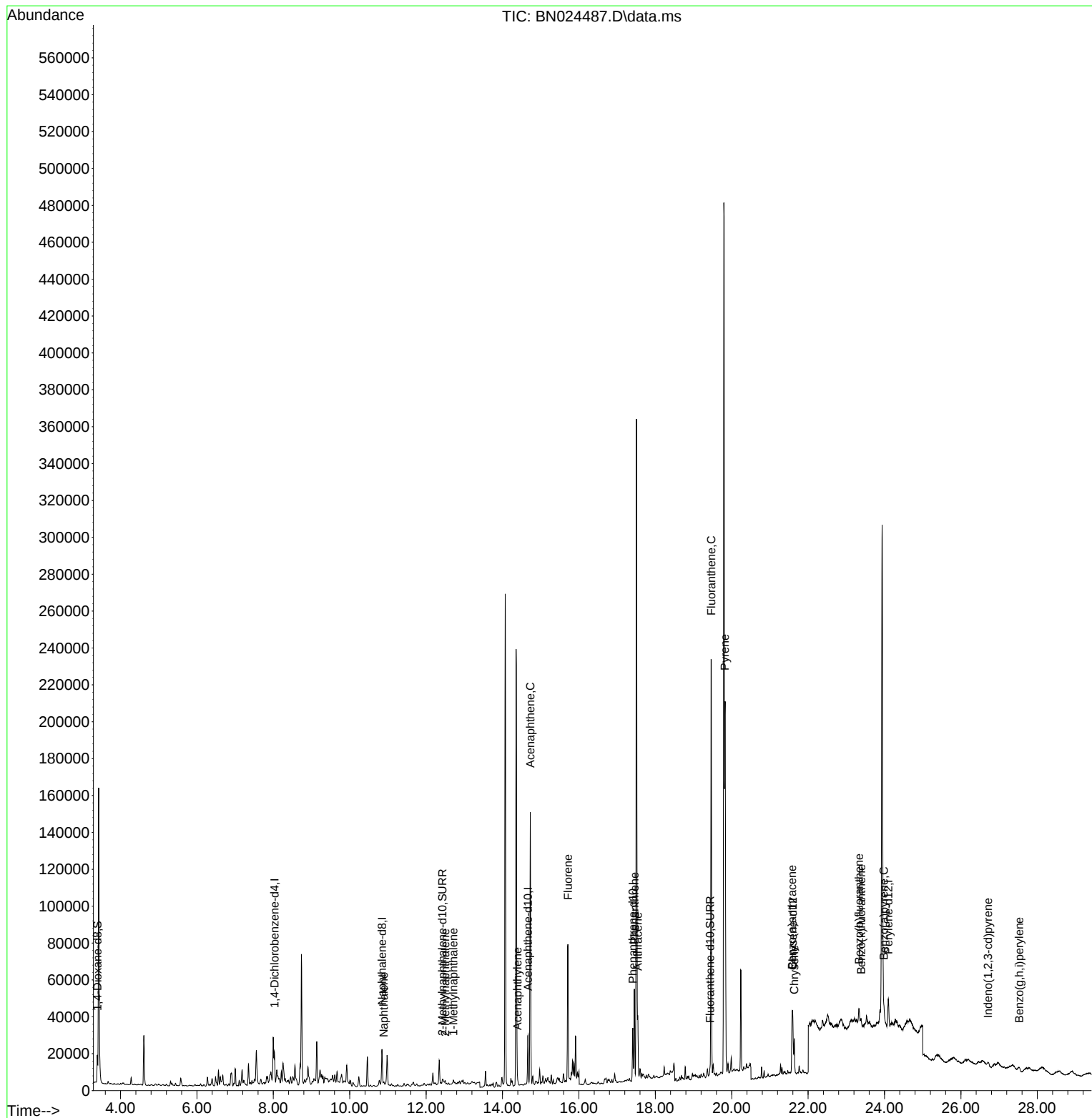
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
Data File : BN024487.D
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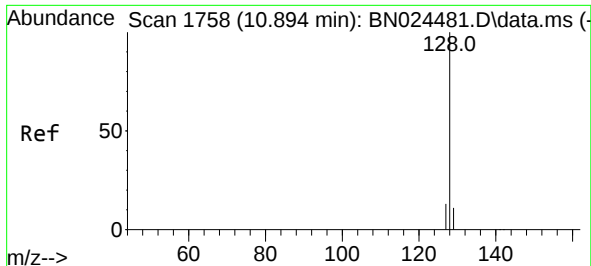
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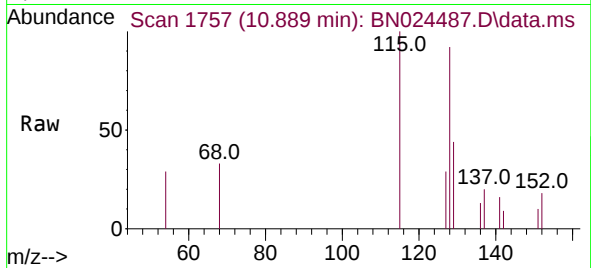
Quant Time: Mar 23 06:17:22 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 03:32:22 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.889 min Scan# 1757
Delta R.T. -0.005 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40

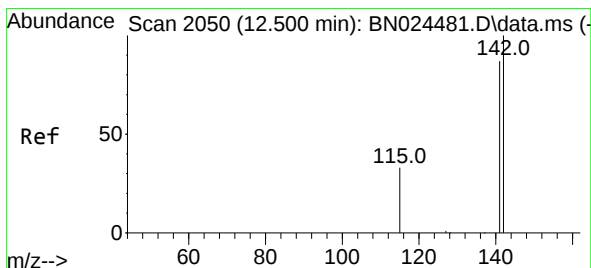
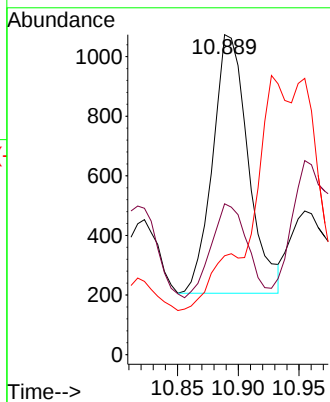
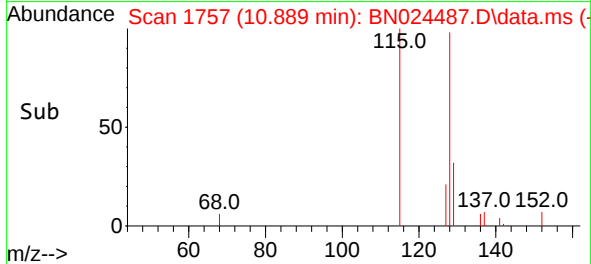
Instrument :
BNA_N
ClientSampleId :
CB929DL



Tgt Ion:128 Resp: 1760
Ion Ratio Lower Upper
128 100
129 47.1 9.0 13.6
127 30.9 10.5 15.7

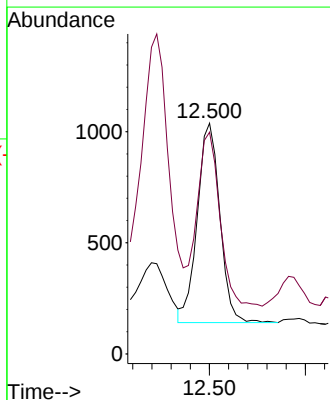
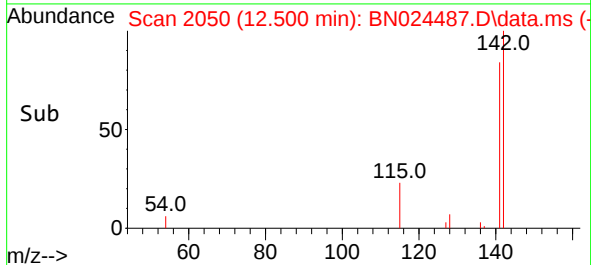
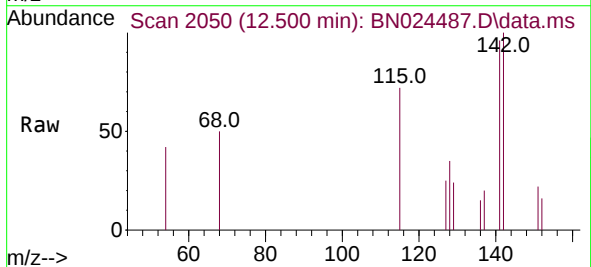
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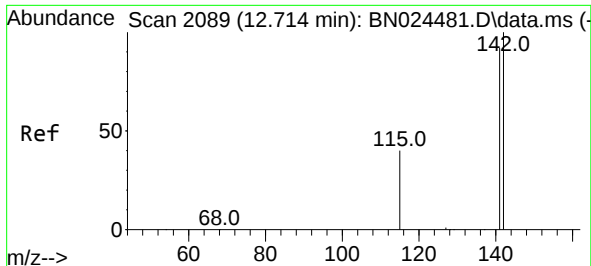
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#7
2-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.500 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40

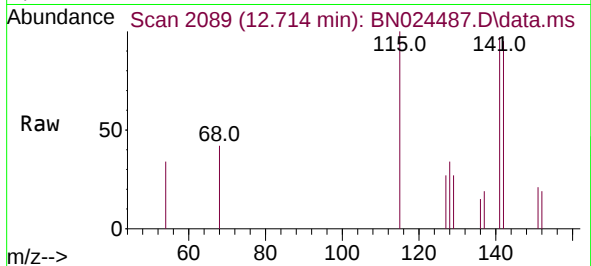
Tgt Ion:142 Resp: 1462
Ion Ratio Lower Upper
142 100
141 89.0 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.714 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40

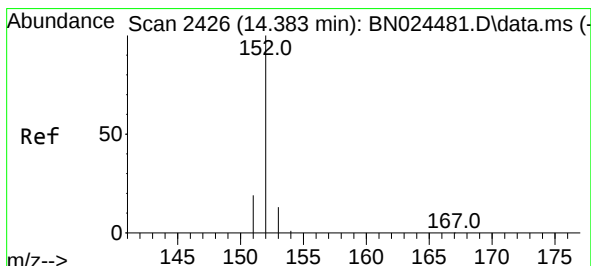
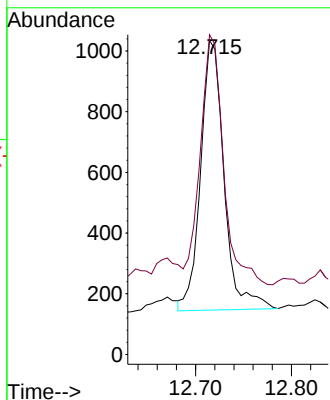
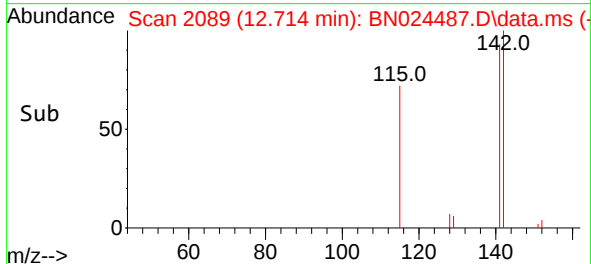
Instrument :
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Tgt Ion:142 Resp: 1503
Ion Ratio Lower Upper
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141 92.0 73.0 109.6

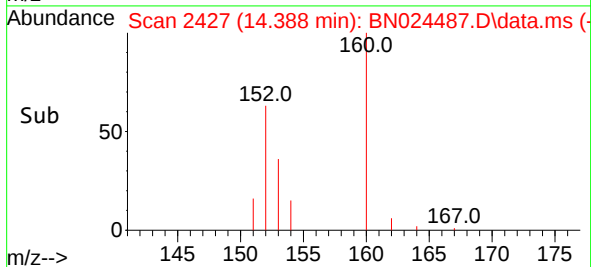
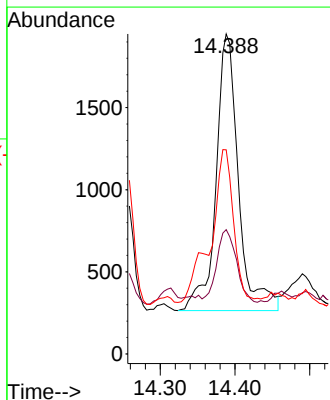
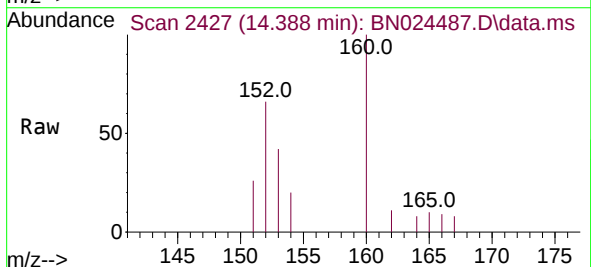
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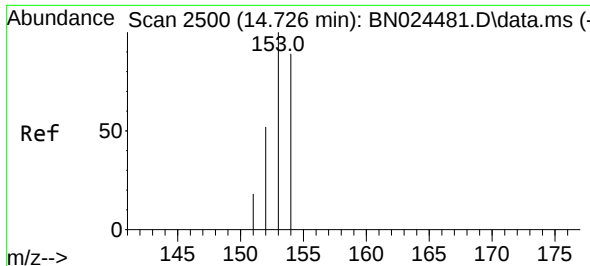
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#10
Acenaphthylene
Concen: 0.058 ng/ul
RT: 14.388 min Scan# 2427
Delta R.T. 0.005 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40

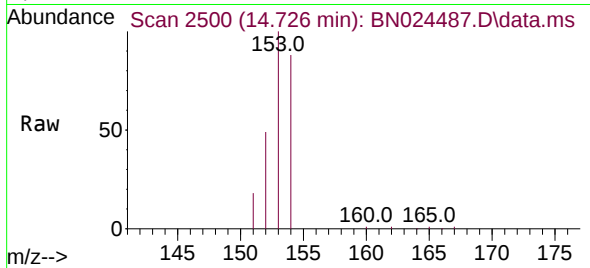
Tgt Ion:152 Resp: 3517
Ion Ratio Lower Upper
152 100
151 38.8 15.9 23.9#
153 63.8 10.6 16.0#





#11
Acenaphthene
Concen: 1.785 ng/ul
RT: 14.726 min Scan# 2500
Delta R.T. 0.000 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40

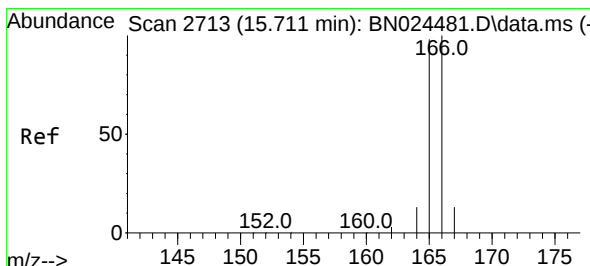
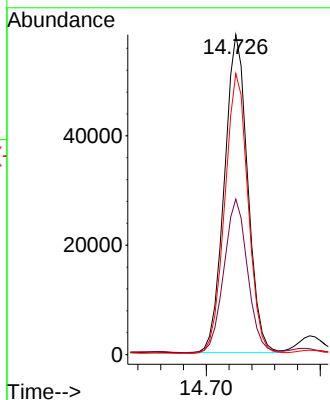
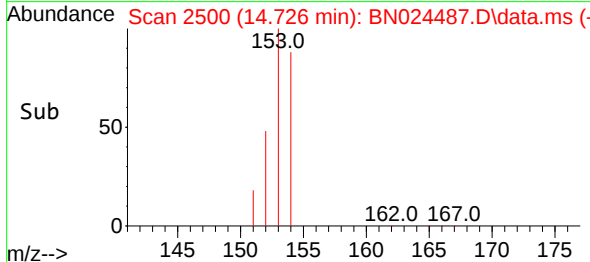
Instrument :
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Tgt Ion:153 Resp: 82788
Ion Ratio Lower Upper
153 100
152 48.6 42.6 64.0
154 87.8 70.6 105.8

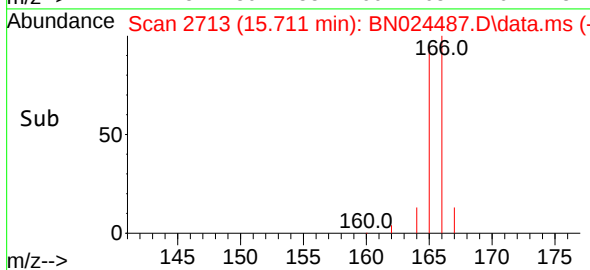
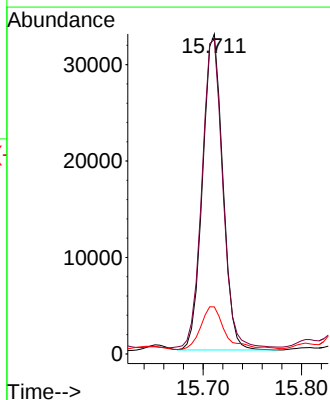
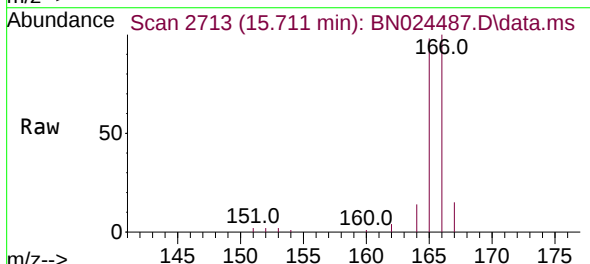
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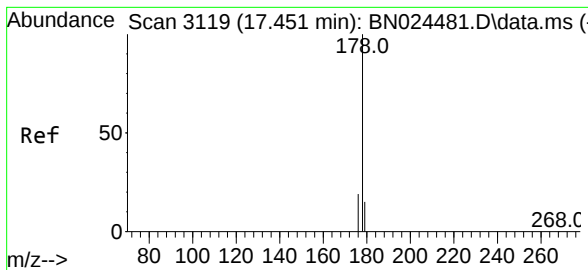
Reviewed By :Christian Giraldo 03/23/2023
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#12
Fluorene
Concen: 0.900 ng/ul
RT: 15.711 min Scan# 2713
Delta R.T. 0.000 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40

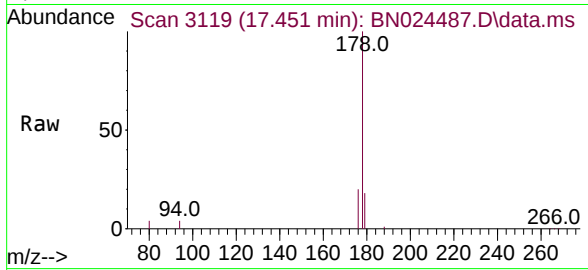
Tgt Ion:166 Resp: 46594
Ion Ratio Lower Upper
166 100
165 98.2 77.4 116.0
167 14.7 10.9 16.3





#15
Phenanthrene
Concen: 0.590 ng/ul
RT: 17.451 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40

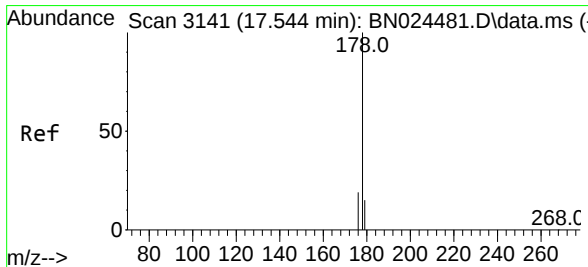
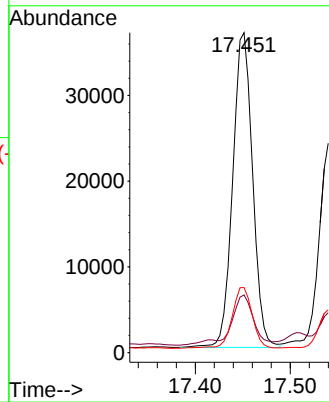
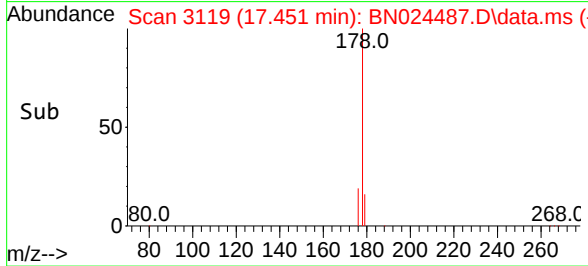
Instrument :
BNA_N
ClientSampleId :
CB929DL



Tgt Ion:178 Resp: 5344
Ion Ratio Lower Upper
178 100
179 18.0 12.2 18.2
176 20.4 15.7 23.5

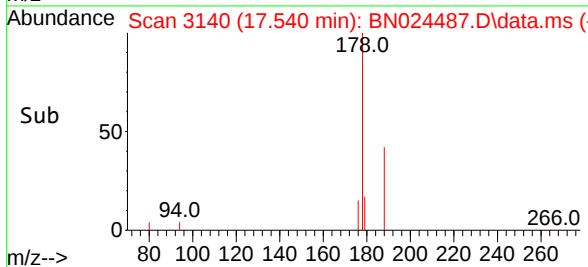
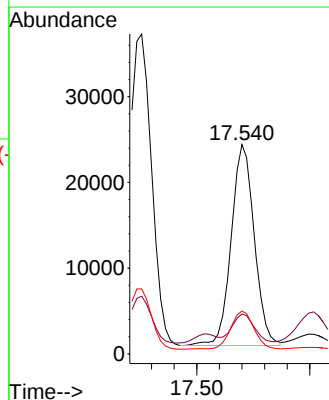
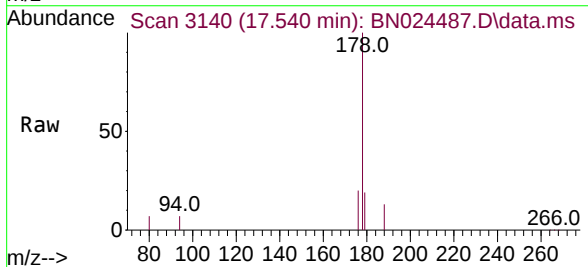
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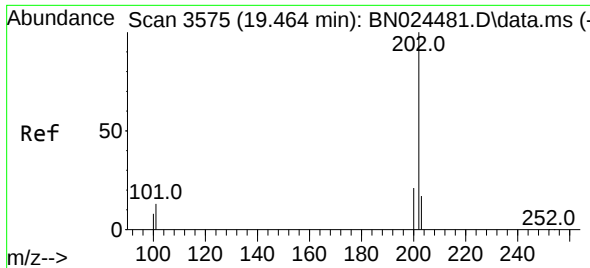
Reviewed By :Christian Giraldo 03/23/2023
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#16
Anthracene
Concen: 0.418 ng/ul
RT: 17.540 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40

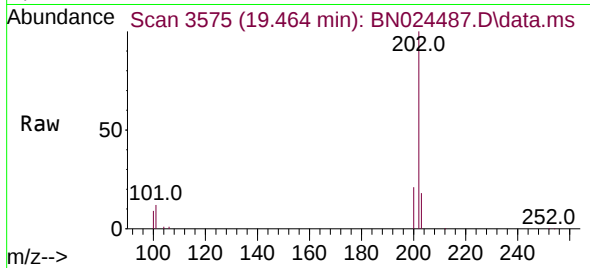
Tgt Ion:178 Resp: 33229
Ion Ratio Lower Upper
178 100
179 19.1 12.3 18.5#
176 20.5 15.3 22.9





#19
Fluoranthene
Concen: 1.835 ng/ul
RT: 19.464 min Scan# 3575
Delta R.T. 0.000 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40

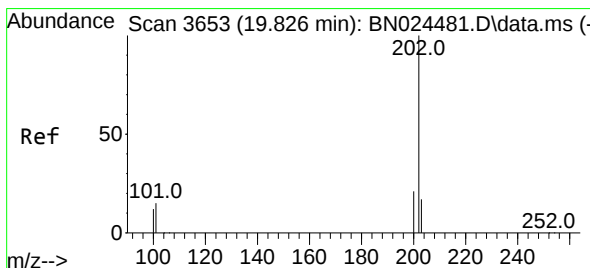
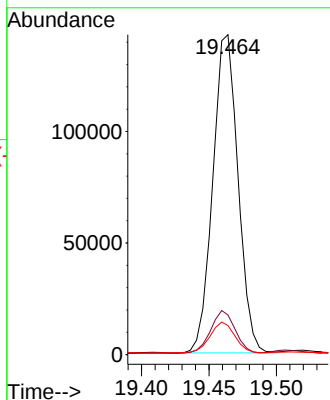
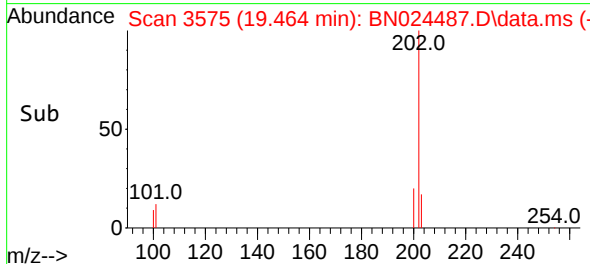
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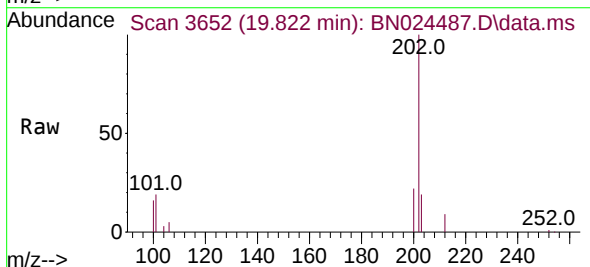
Tgt Ion:202 Resp: 186052
Ion Ratio Lower Upper
202 100
101 12.4 10.4 15.6
100 9.1 7.7 11.5

Manual Integrations
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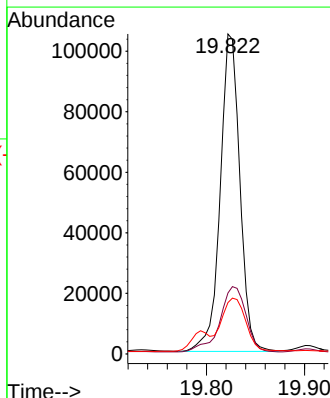
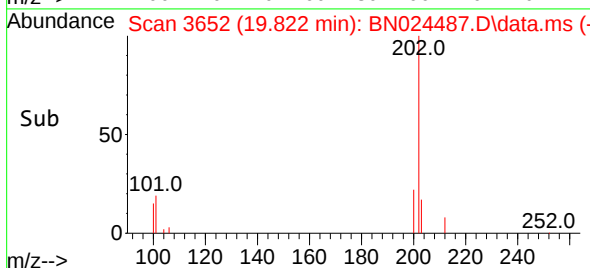
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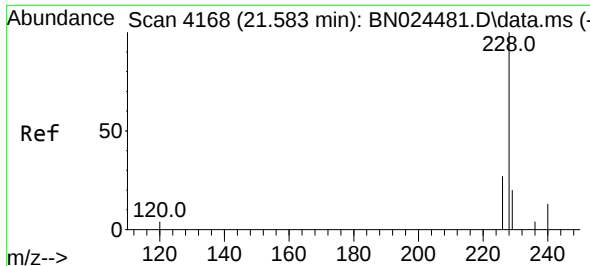


#20
Pyrene
Concen: 1.421 ng/ul
RT: 19.822 min Scan# 3652
Delta R.T. 0.000 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40



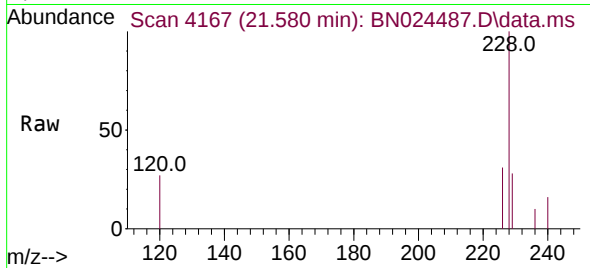
Tgt Ion:202 Resp: 146191
Ion Ratio Lower Upper
202 100
101 19.0 12.1 18.1#
100 16.0 9.4 14.0#





#21
Benzo(a)anthracene
Concen: 0.299 ng/ul
RT: 21.580 min Scan# 4168
Delta R.T. 0.003 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40

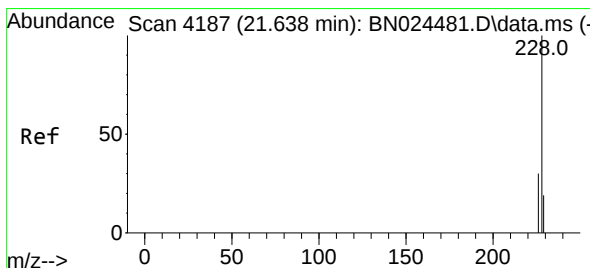
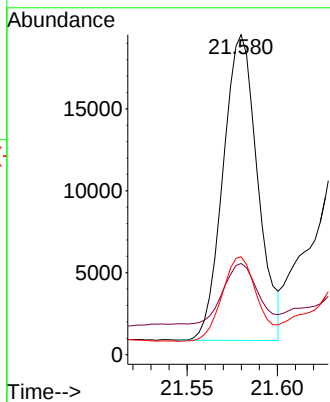
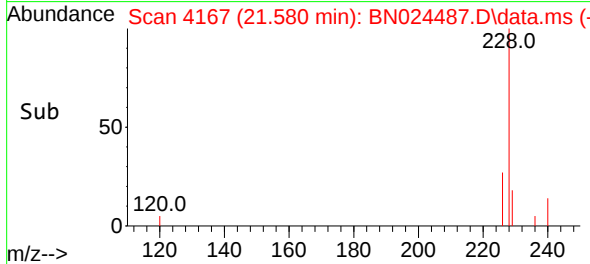
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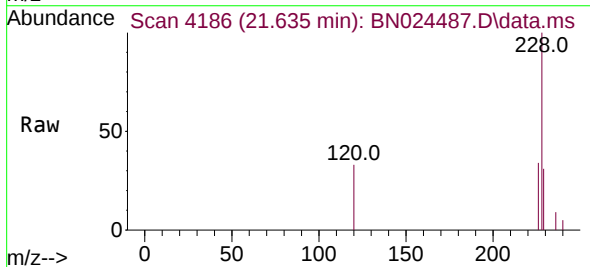
Tgt Ion:228 Resp: 24893
Ion Ratio Lower Upper
228 100
229 28.5 15.8 23.6
226 30.6 22.2 33.4

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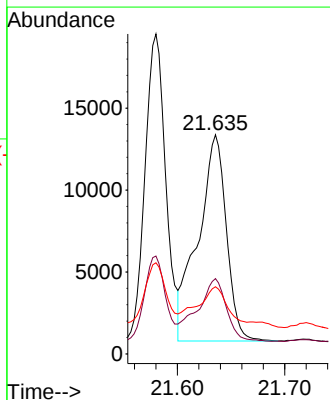
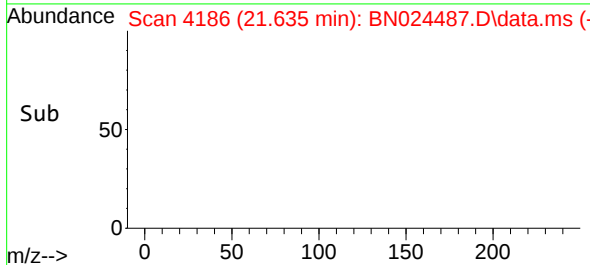
Reviewed By :Christian Giraldo 03/23/2023
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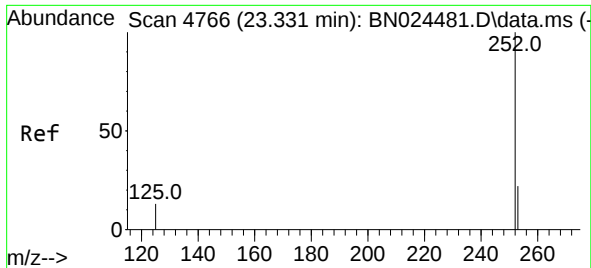


#22
Chrysene
Concen: 0.264 ng/ul
RT: 21.635 min Scan# 4186
Delta R.T. 0.003 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40



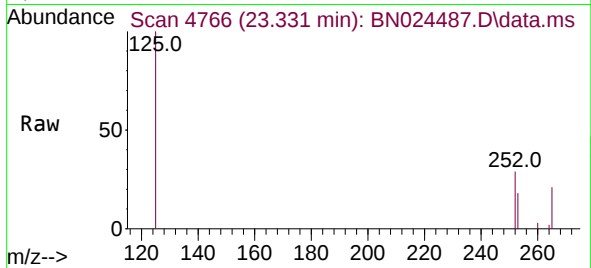
Tgt Ion:228 Resp: 23177
Ion Ratio Lower Upper
228 100
226 34.3 24.8 37.2
229 30.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.158 ng/ul m
RT: 23.331 min Scan# 4766
Delta R.T. 0.000 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40

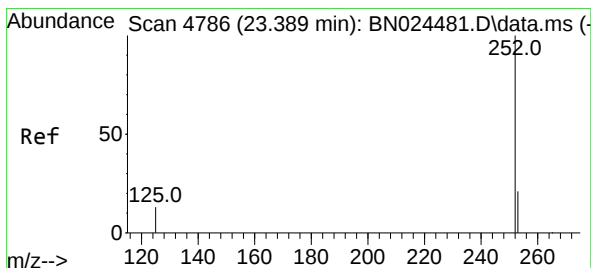
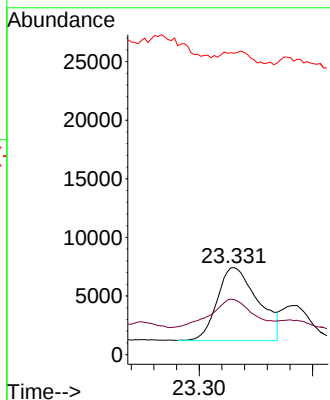
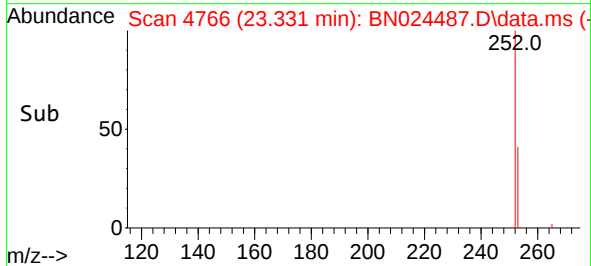
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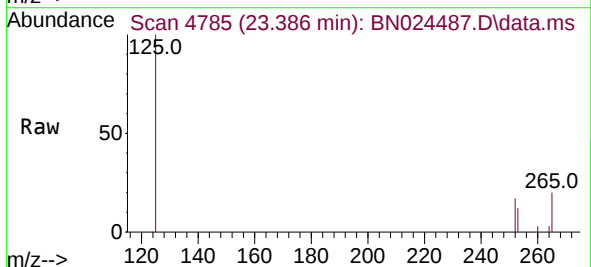
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Ion Ratio Lower Upper
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253 63.2 0.0 46.2#
125 346.4 0.0 34.0#

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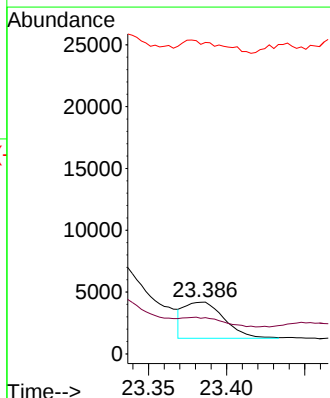
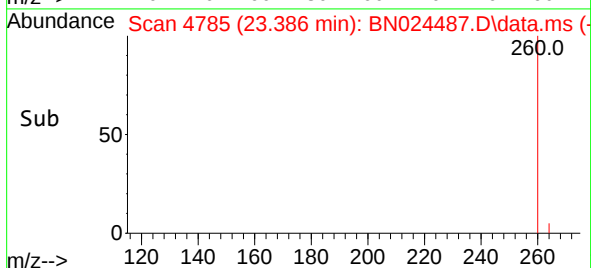
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

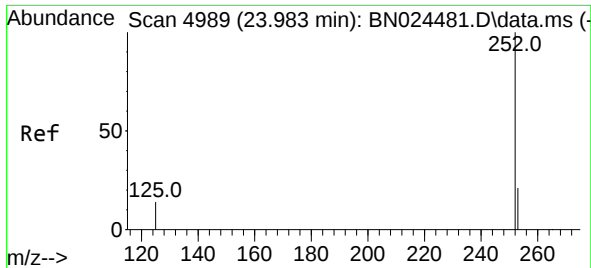


#25
Benzo(k)fluoranthene
Concen: 0.051 ng/ul m
RT: 23.386 min Scan# 4785
Delta R.T. 0.006 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40



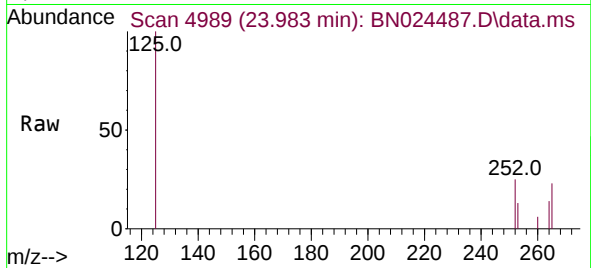
Tgt Ion:252 Resp: 5264
Ion Ratio Lower Upper
252 100
253 70.0 18.5 27.7#
125 602.4 13.2 19.8#





#26
Benzo(a)pyrene
Concen: 0.119 ng/ul
RT: 23.983 min Scan# 4989
Delta R.T. 0.006 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40

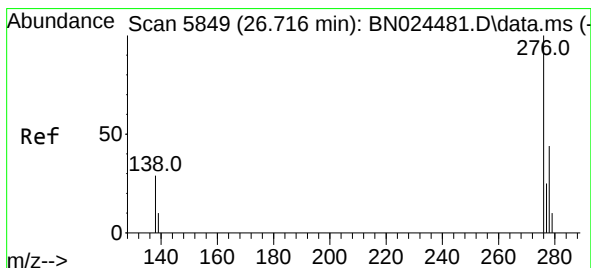
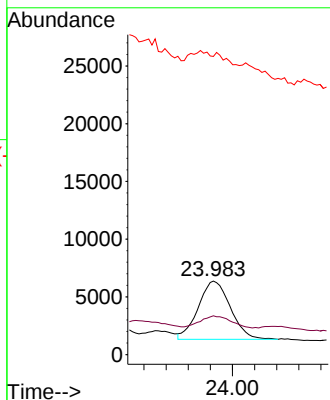
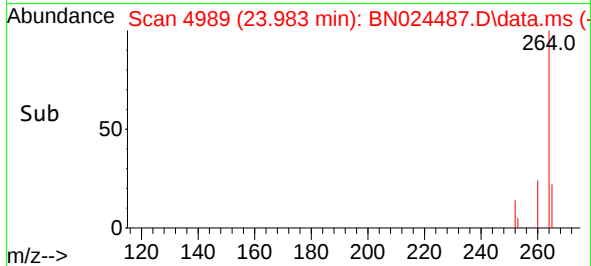
Instrument :
BNA_N
ClientSampleId :
CB929DL



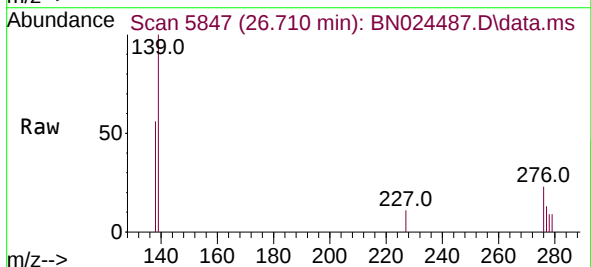
Tgt Ion:252 Resp: 10154
Ion Ratio Lower Upper
252 100
253 52.7 19.2 28.8
125 405.4 15.8 23.6

Manual Integrations
APPROVED

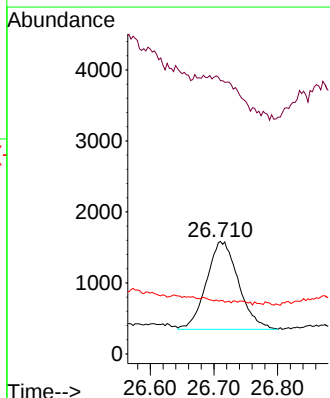
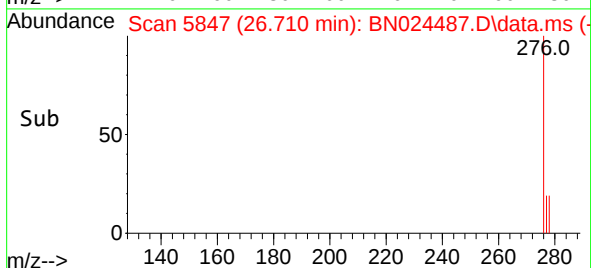
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

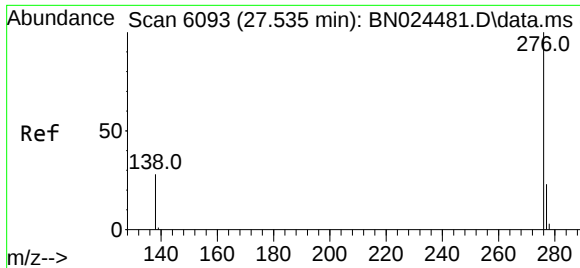


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng/ul
RT: 26.710 min Scan# 5847
Delta R.T. 0.004 min
Lab File: BN024487.D
Acq: 22 Mar 2023 19:40



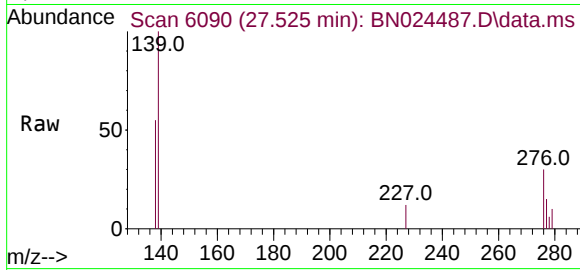
Tgt Ion:276 Resp: 4343
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.0 0.0 0.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.060 ng/ul
 RT: 27.525 min Scan# 6090
 Delta R.T. 0.011 min
 Lab File: BN024487.D
 Acq: 22 Mar 2023 19:40

Instrument :
 BNA_N
 ClientSampleId :
 CB929DL



Tgt Ion: 276 Resp: 5020

Ion	Ratio	Lower	Upper
276	100		
138	184.9	25.2	37.8
277	51.0	19.4	29.2

Manual Integrations
 APPROVED

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

