

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024485.D
 Acq On : 22 Mar 2023 18:25
 Operator : CG/JU
 Sample : 01947-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB937

Manual Integrations
 APPROVED

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

Quant Time: Mar 23 03:10:46 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	10409	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	30318	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.666	164	17771	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	37172	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.600	240	29004	0.400	ng/ul	# 0.00
23) Perylene-d12	24.100	264	29386	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	49202	4.295	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	13852	0.385	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	34956	0.453	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.894	128	13384	0.177	ng/ul	97
7) 2-Methylnaphthalene	12.500	142	4693	0.102	ng/ul	97
8) 1-Methylnaphthalene	12.720	142	6021	0.125	ng/ul	98
10) Acenaphthylene	14.388	152	5594	0.075	ng/ul#	76
11) Acenaphthene	14.726	153	200631	3.512	ng/ul	97
12) Fluorene	15.711	166	60852	0.954	ng/ul	98
15) Phenanthrene	17.451	178	18572	0.174	ng/ul#	86
16) Anthracene	17.544	178	14173	0.152	ng/ul#	77
19) Fluoranthene	19.464	202	48747	0.422	ng/ul#	93
20) Pyrene	19.827	202	48823m	0.417	ng/ul	
21) Benzo(a)anthracene	21.580	228	17743	0.187	ng/ul#	81
22) Chrysene	21.638	228	17782	0.178	ng/ul#	79
24) Benzo(b)fluoranthene	23.331	252	23100m	0.206	ng/ul	
25) Benzo(k)fluoranthene	23.383	252	8218m	0.071	ng/ul	
26) Benzo(a)pyrene	23.986	252	16560	0.172	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.713	276	9389	0.086	ng/ul#	100
29) Benzo(g,h,i)perylene	27.528	276	9863	0.105	ng/ul#	38

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

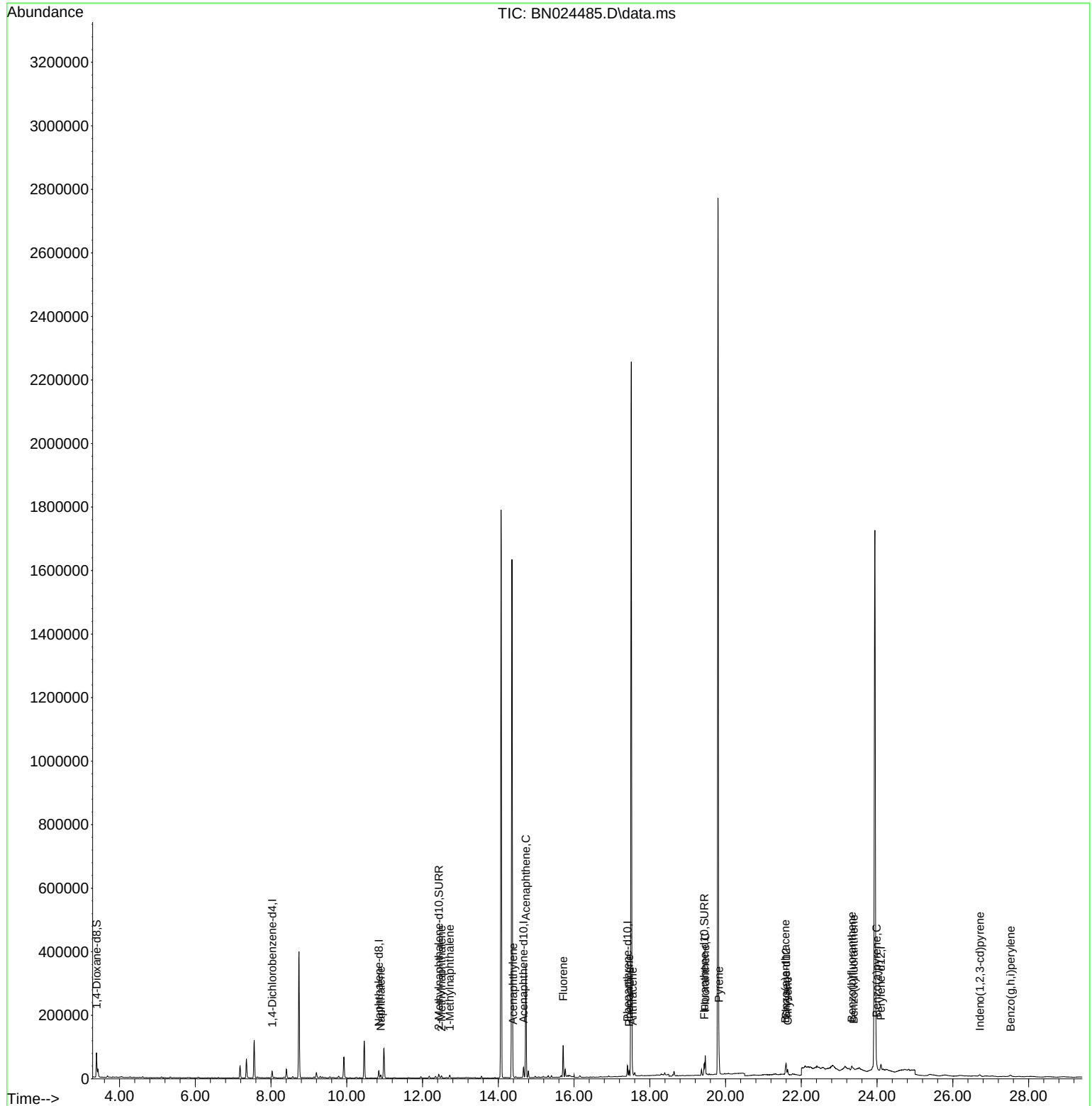
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
Data File : BN024485.D
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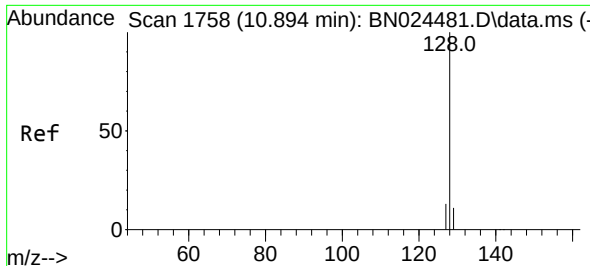
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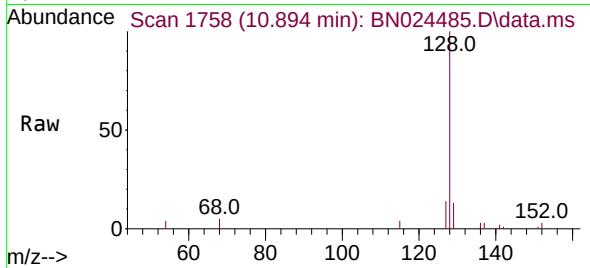
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023





#5
Naphthalene
Concen: 0.177 ng/ul
RT: 10.894 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25

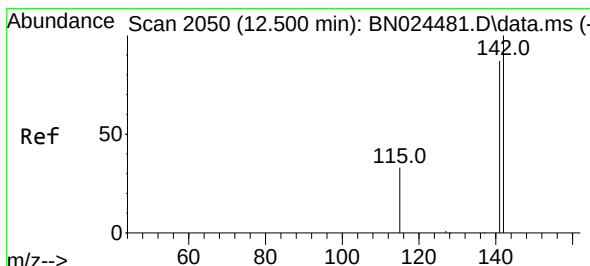
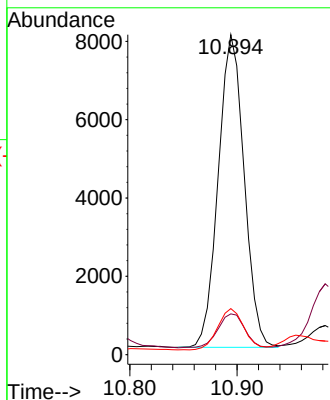
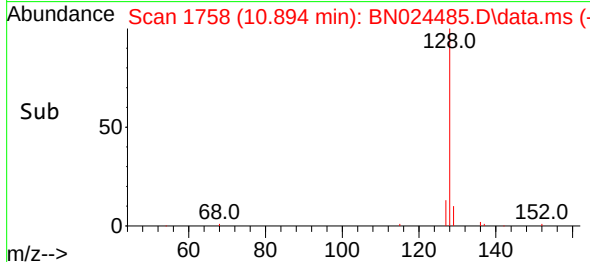
Instrument :
BNA_N
ClientSampleId :
CB937



Tgt Ion:128 Resp: 13384
Ion Ratio Lower Upper
128 100
129 12.7 9.0 13.6
127 14.4 10.5 15.7

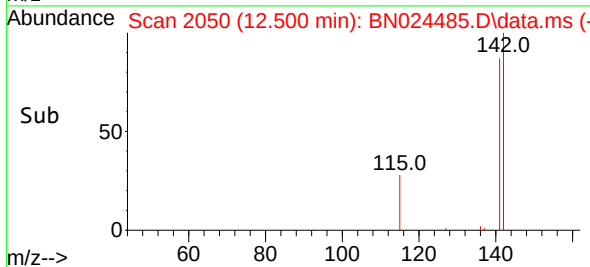
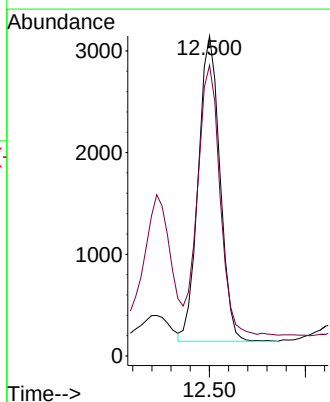
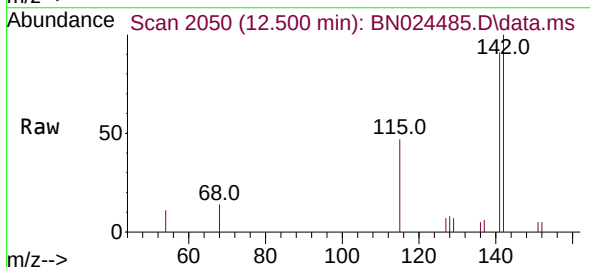
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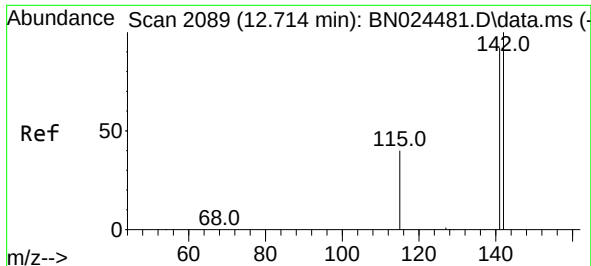
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.500 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25

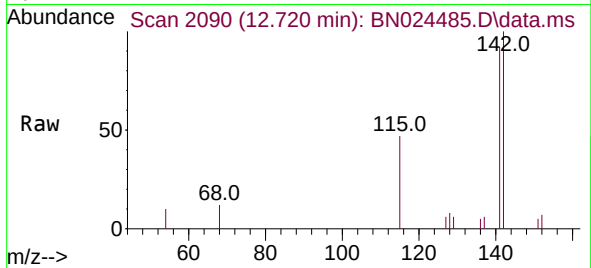
Tgt Ion:142 Resp: 4693
Ion Ratio Lower Upper
142 100
141 90.9 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.125 ng/ul
RT: 12.720 min Scan# 2089
Delta R.T. 0.005 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25

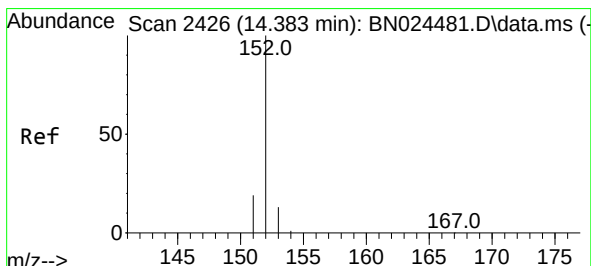
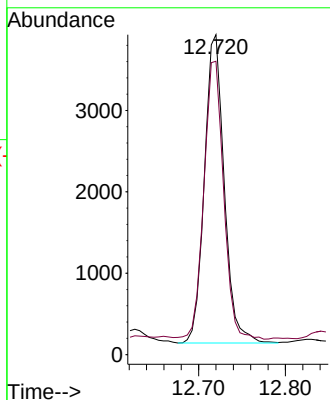
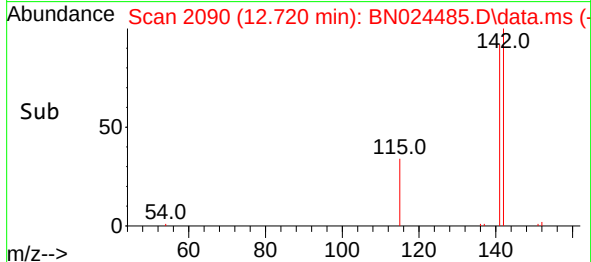
Instrument :
BNA_N
ClientSampleId :
CB937



Tgt Ion:142 Resp: 6021
Ion Ratio Lower Upper
142 100
141 89.6 73.0 109.6

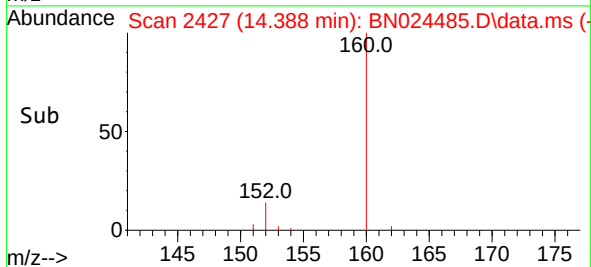
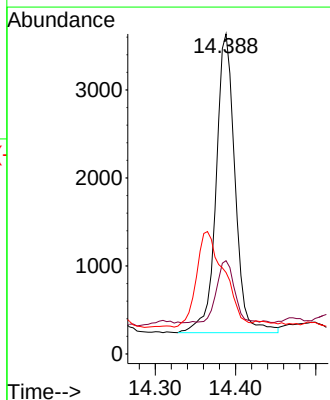
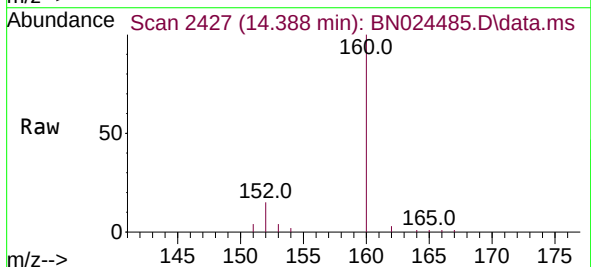
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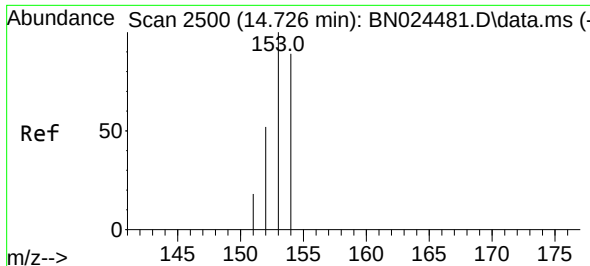
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#10
Acenaphthylene
Concen: 0.075 ng/ul
RT: 14.388 min Scan# 2427
Delta R.T. 0.005 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25

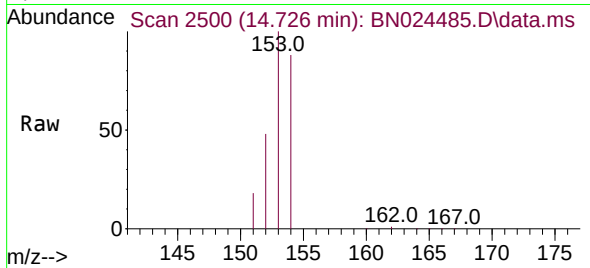
Tgt Ion:152 Resp: 5594
Ion Ratio Lower Upper
152 100
151 29.1 15.9 23.9#
153 25.5 10.6 16.0#





#11
Acenaphthene
Concen: 3.512 ng/u1
RT: 14.726 min Scan# 2500
Delta R.T. -0.000 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25

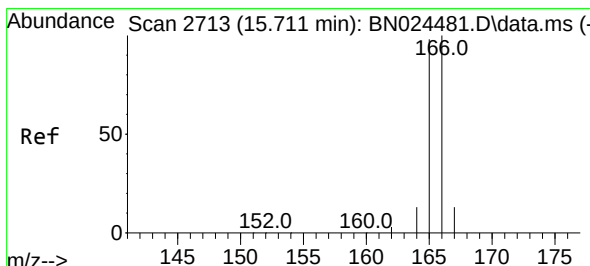
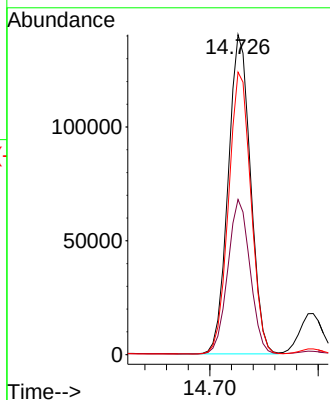
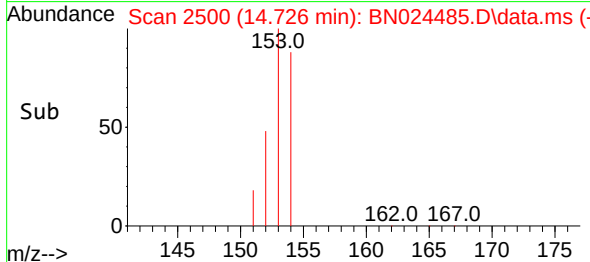
Instrument :
BNA_N
ClientSampleId :
CB937



Tgt Ion:153 Resp: 200631
Ion Ratio Lower Upper
153 100
152 48.5 42.6 64.0
154 88.3 70.6 105.8

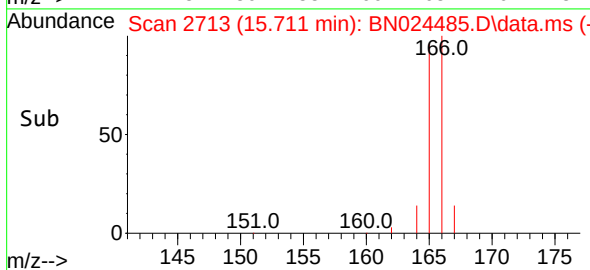
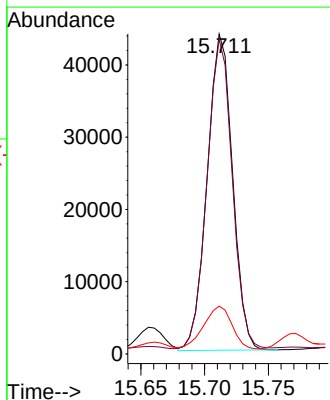
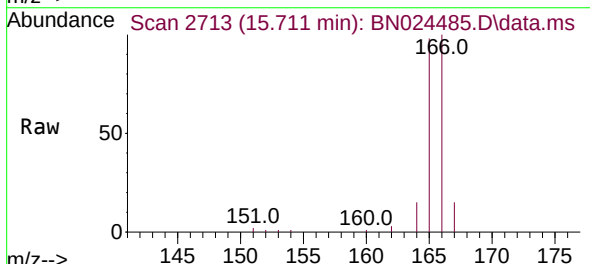
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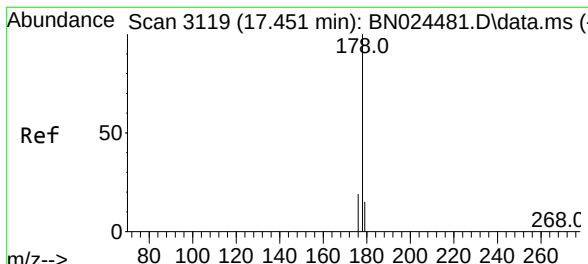
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#12
Fluorene
Concen: 0.954 ng/u1
RT: 15.711 min Scan# 2713
Delta R.T. 0.005 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25

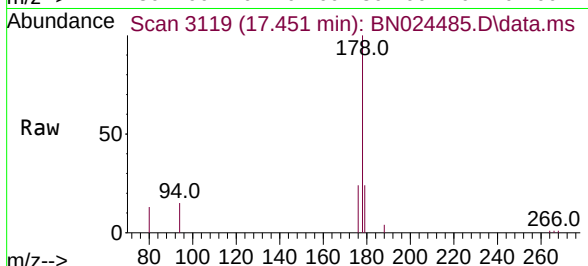
Tgt Ion:166 Resp: 60852
Ion Ratio Lower Upper
166 100
165 98.3 77.4 116.0
167 14.9 10.9 16.3





#15
Phenanthrene
Concen: 0.174 ng/ul
RT: 17.451 min Scan# 3119
Delta R.T. 0.004 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25

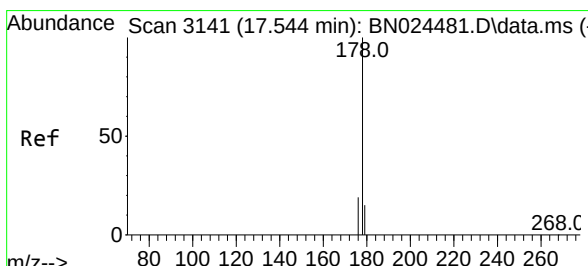
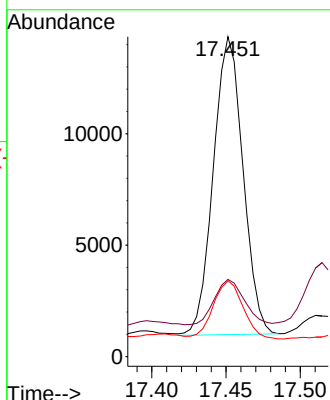
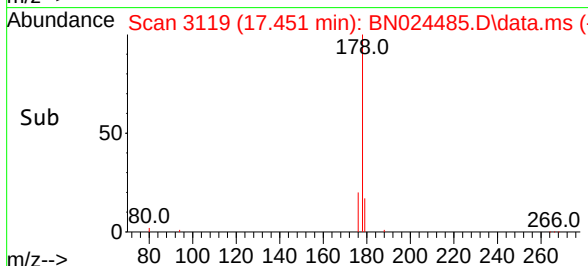
Instrument :
BNA_N
ClientSampleId :
CB937



Tgt Ion	Ratio	Lower	Upper
178	100		
179	24.1	12.2	18.2
176	23.7	15.7	23.5

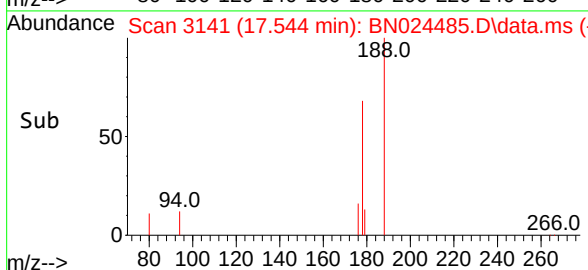
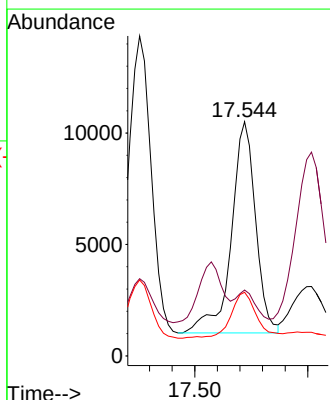
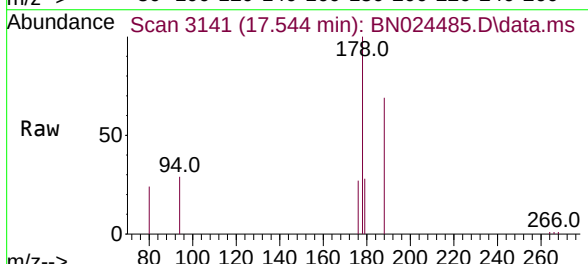
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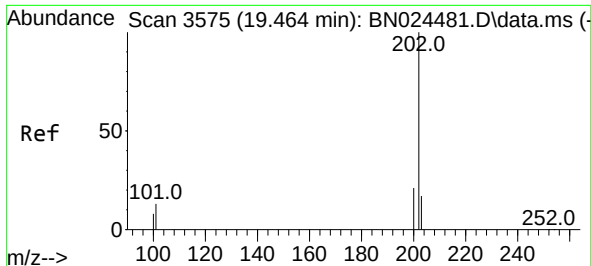
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#16
Anthracene
Concen: 0.152 ng/ul
RT: 17.544 min Scan# 3141
Delta R.T. 0.004 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25

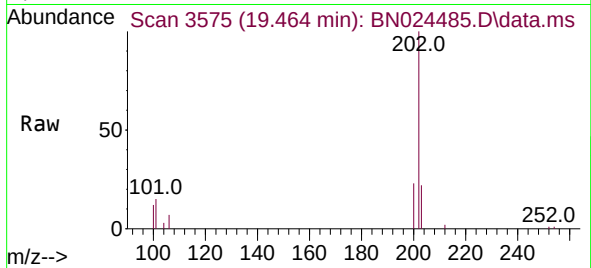
Tgt Ion	Ratio	Lower	Upper
178	100		
179	28.1	12.3	18.5
176	27.2	15.3	22.9





#19
Fluoranthene
Concen: 0.422 ng/ul
RT: 19.464 min Scan# 3575
Delta R.T. 0.005 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25

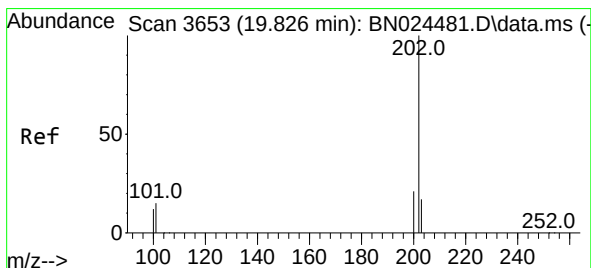
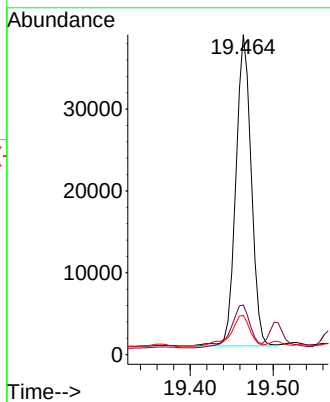
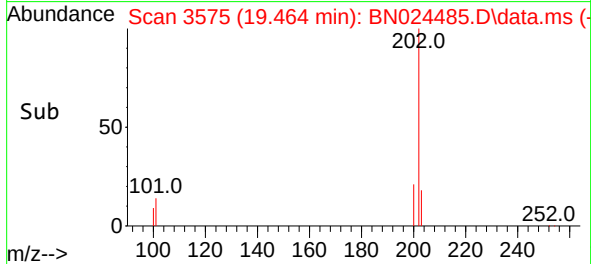
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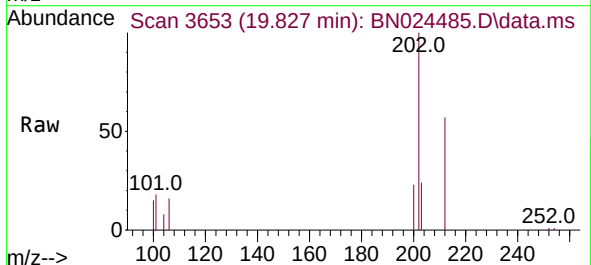
Tgt Ion:202 Resp: 48747
Ion Ratio Lower Upper
202 100
101 15.5 10.4 15.6
100 12.2 7.7 11.5

Manual Integrations
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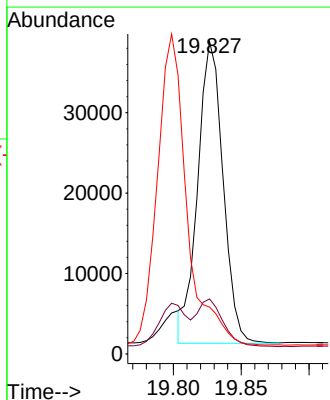
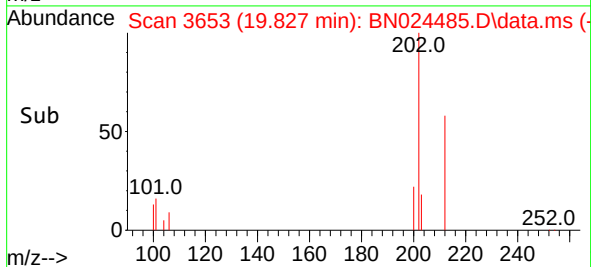
Reviewed By :Christian Giraldo 03/23/2023
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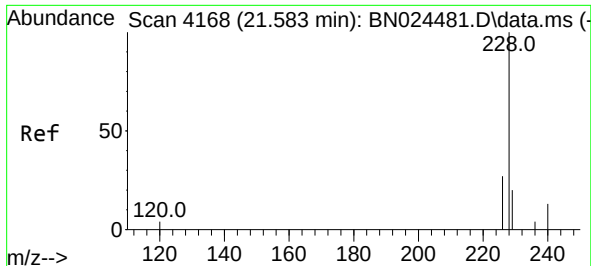


#20
Pyrene
Concen: 0.417 ng/ul m
RT: 19.827 min Scan# 3653
Delta R.T. 0.005 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25



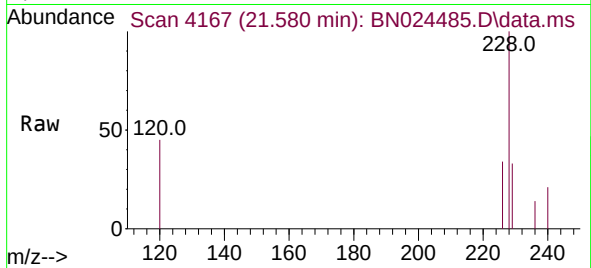
Tgt Ion:202 Resp: 48823
Ion Ratio Lower Upper
202 100
101 17.6 12.1 18.1
100 15.0 9.4 14.0





#21
Benzo(a)anthracene
Concen: 0.187 ng/ul
RT: 21.580 min Scan# 4168
Delta R.T. 0.003 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25

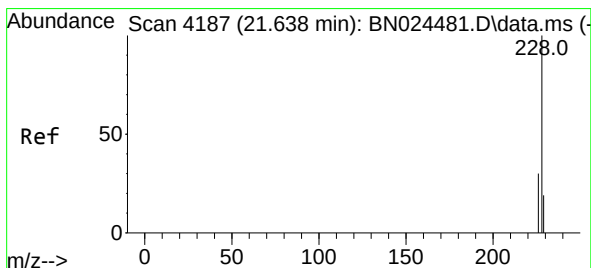
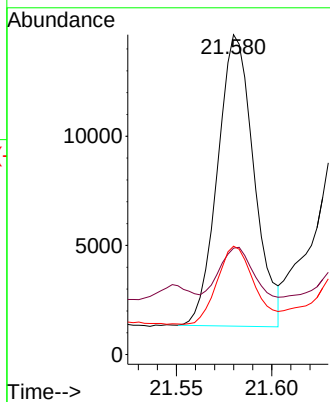
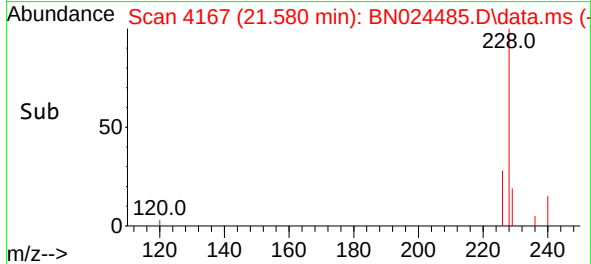
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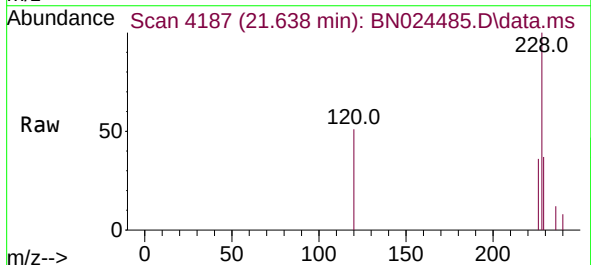
Tgt Ion:228 Resp: 17743
Ion Ratio Lower Upper
228 100
229 33.3 15.8 23.6
226 33.9 22.2 33.4

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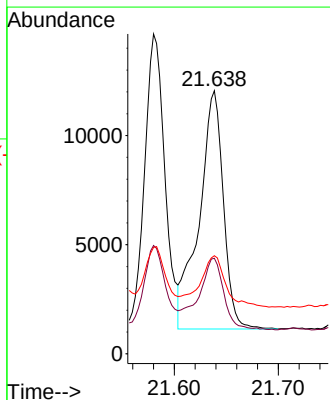
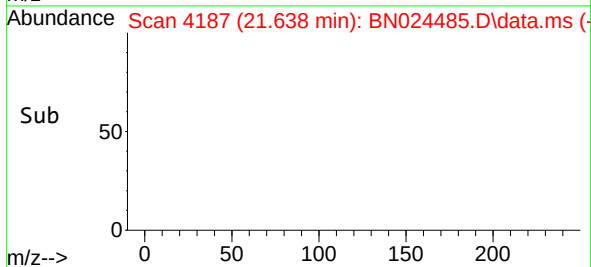
Reviewed By :Christian Giraldo 03/23/2023
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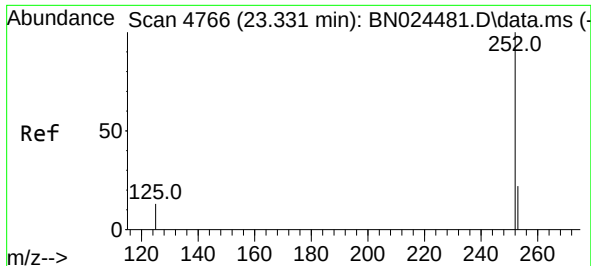


#22
Chrysene
Concen: 0.178 ng/ul
RT: 21.638 min Scan# 4187
Delta R.T. 0.006 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25



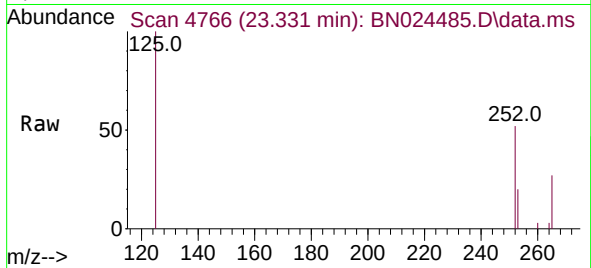
Tgt Ion:228 Resp: 17782
Ion Ratio Lower Upper
228 100
226 36.4 24.8 37.2
229 37.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.206 ng/ul m
RT: 23.331 min Scan# 4766
Delta R.T. 0.012 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25

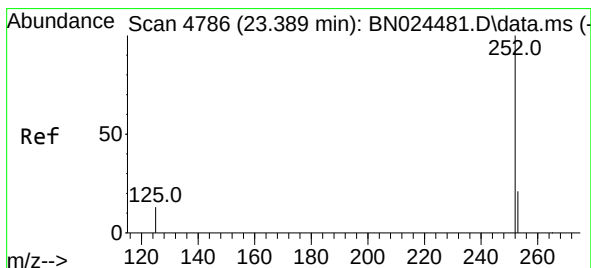
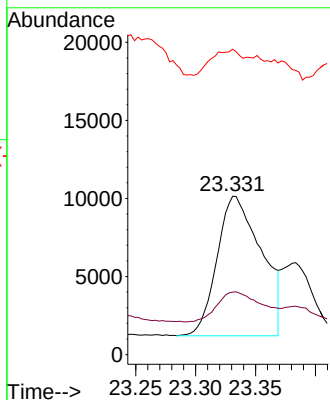
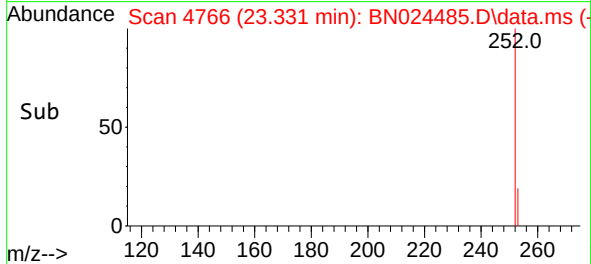
Instrument :
BNA_N
ClientSampleId :
CB937



Tgt Ion:252 Resp: 23100
Ion Ratio Lower Upper
252 100
253 39.5 0.0 46.2
125 192.9 0.0 34.0

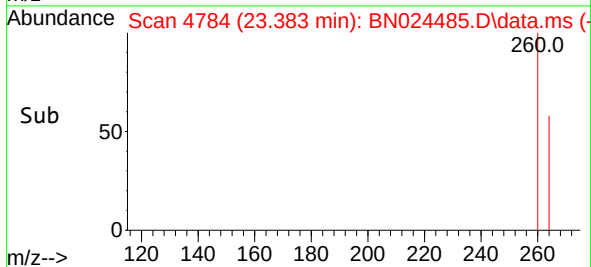
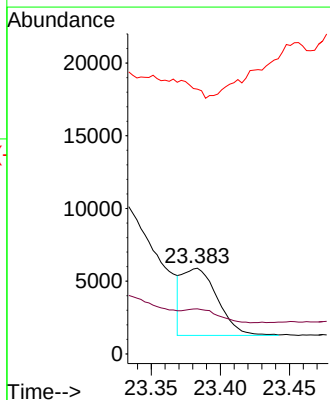
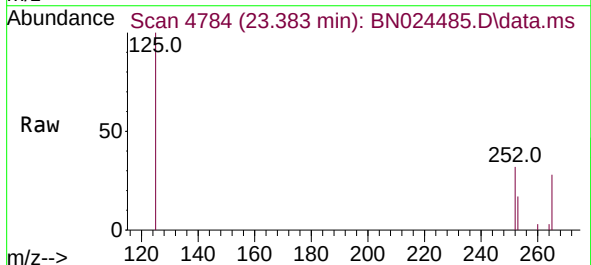
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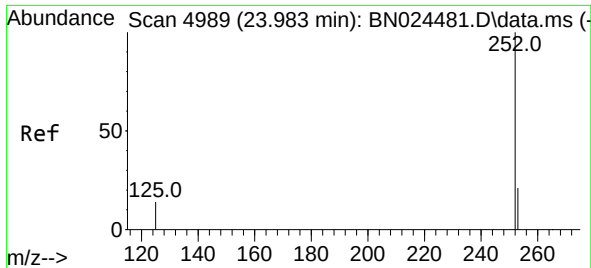
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#25
Benzo(k)fluoranthene
Concen: 0.071 ng/ul m
RT: 23.383 min Scan# 4784
Delta R.T. 0.015 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25

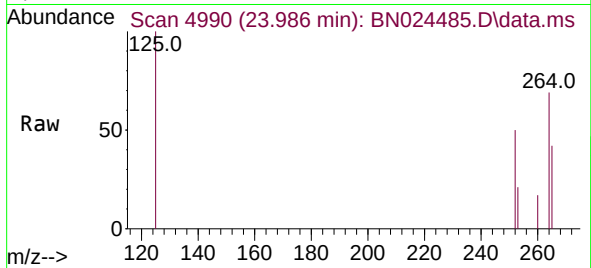
Tgt Ion:252 Resp: 8218
Ion Ratio Lower Upper
252 100
253 52.6 18.5 27.7#
125 309.0 13.2 19.8#





#26
Benzo(a)pyrene
Concen: 0.172 ng/ul
RT: 23.986 min Scan# 4989
Delta R.T. 0.018 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25

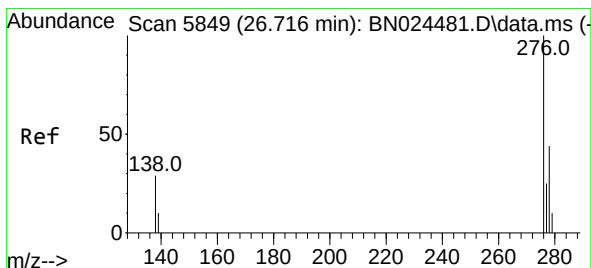
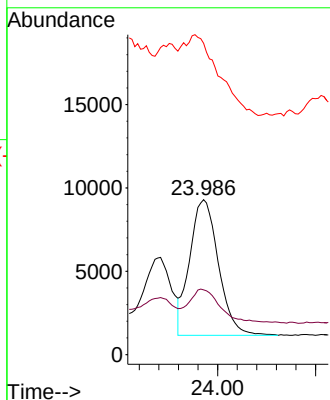
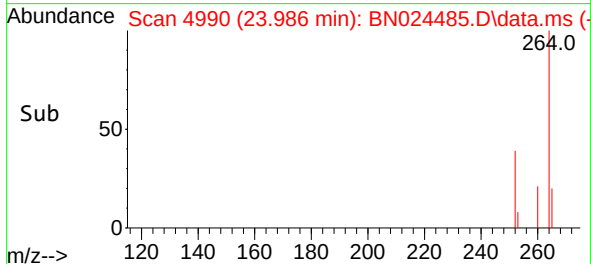
Instrument :
BNA_N
ClientSampleId :
CB937



Tgt Ion:252 Resp: 16560
Ion Ratio Lower Upper
252 100
253 41.8 19.2 28.8
125 200.8 15.8 23.6

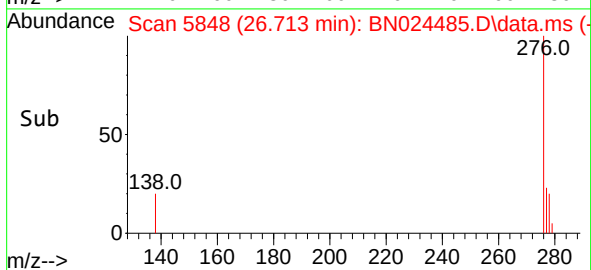
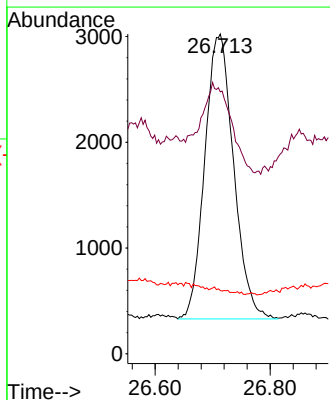
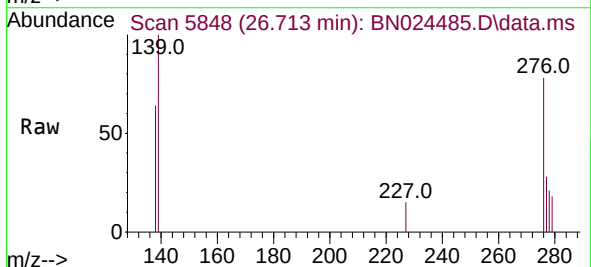
Manual Integrations
APPROVED

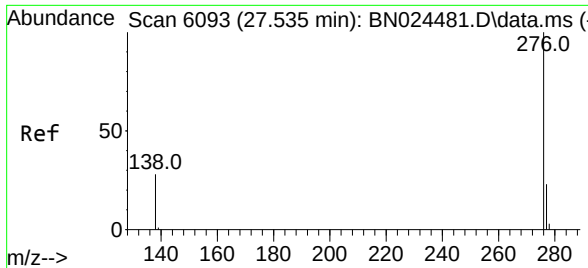
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.086 ng/ul
RT: 26.713 min Scan# 5848
Delta R.T. 0.037 min
Lab File: BN024485.D
Acq: 22 Mar 2023 18:25

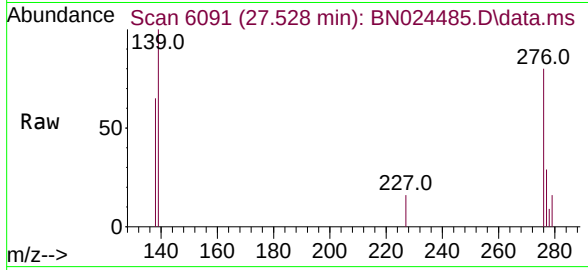
Tgt Ion:276 Resp: 9389
Ion Ratio Lower Upper
276 100
138 29.7 0.0 0.0#
227 1.2 0.0 0.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.105 ng/ul
 RT: 27.528 min Scan# 6091
 Delta R.T. 0.057 min
 Lab File: BN024485.D
 Acq: 22 Mar 2023 18:25

Instrument :
 BNA_N
 ClientSampleId :
 CB937



Tgt Ion: 276 Resp: 986

Ion	Ratio	Lower	Upper
276	100		
138	82.1	25.2	37.8
277	36.6	19.4	29.2

Manual Integrations
 APPROVED

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

