

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032935.D
 Acq On : 24 Jul 2024 06:21
 Operator : MA/JU
 Sample : P3215-12DL 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D25DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 06:57:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	1639	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	5472	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.179	164	3211	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.944	188	5276m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.165	240	3764m	0.400	ng/ul	0.00
23) Perylene-d12	23.360	264	5138	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.085	96	4333	2.202	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	1300	0.157	ng/ul	-0.03
18) Fluoranthene-d10	18.990	212	2013	0.164	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.343	128	1961	0.133	ng/ul#	85
7) 2-Methylnaphthalene	11.977	142	551	0.060	ng/ul	96
8) 1-Methylnaphthalene	12.197	142	303	0.032	ng/ul	87
10) Acenaphthylene	13.897	152	3329	0.257	ng/ul#	89
11) Acenaphthene	14.244	153	955	0.089	ng/ul	93
12) Fluorene	15.239	166	1619	0.132	ng/ul#	90
15) Phenanthrene	16.987	178	9381m	0.653	ng/ul	
16) Anthracene	17.079	178	3853m	0.328	ng/ul	
19) Fluoranthene	19.018	202	34016	2.223	ng/ul	99
20) Pyrene	19.385	202	31489	1.988	ng/ul	99
21) Benzo(a)anthracene	21.147	228	13826	1.154	ng/ul#	81
22) Chrysene	21.200	228	17310	0.999	ng/ul#	83
24) Benzo(b)fluoranthene	22.705	252	20724m	1.143	ng/ul	
25) Benzo(k)fluoranthene	22.743	252	7212m	0.326	ng/ul	
26) Benzo(a)pyrene	23.266	252	14032	0.894	ng/ul#	48
27) Indeno(1,2,3-cd)pyrene	25.579	276	10571	0.498	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.572	278	2600	0.158	ng/ul#	1
29) Benzo(g,h,i)perylene	26.263	276	9967	0.561	ng/ul#	42

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

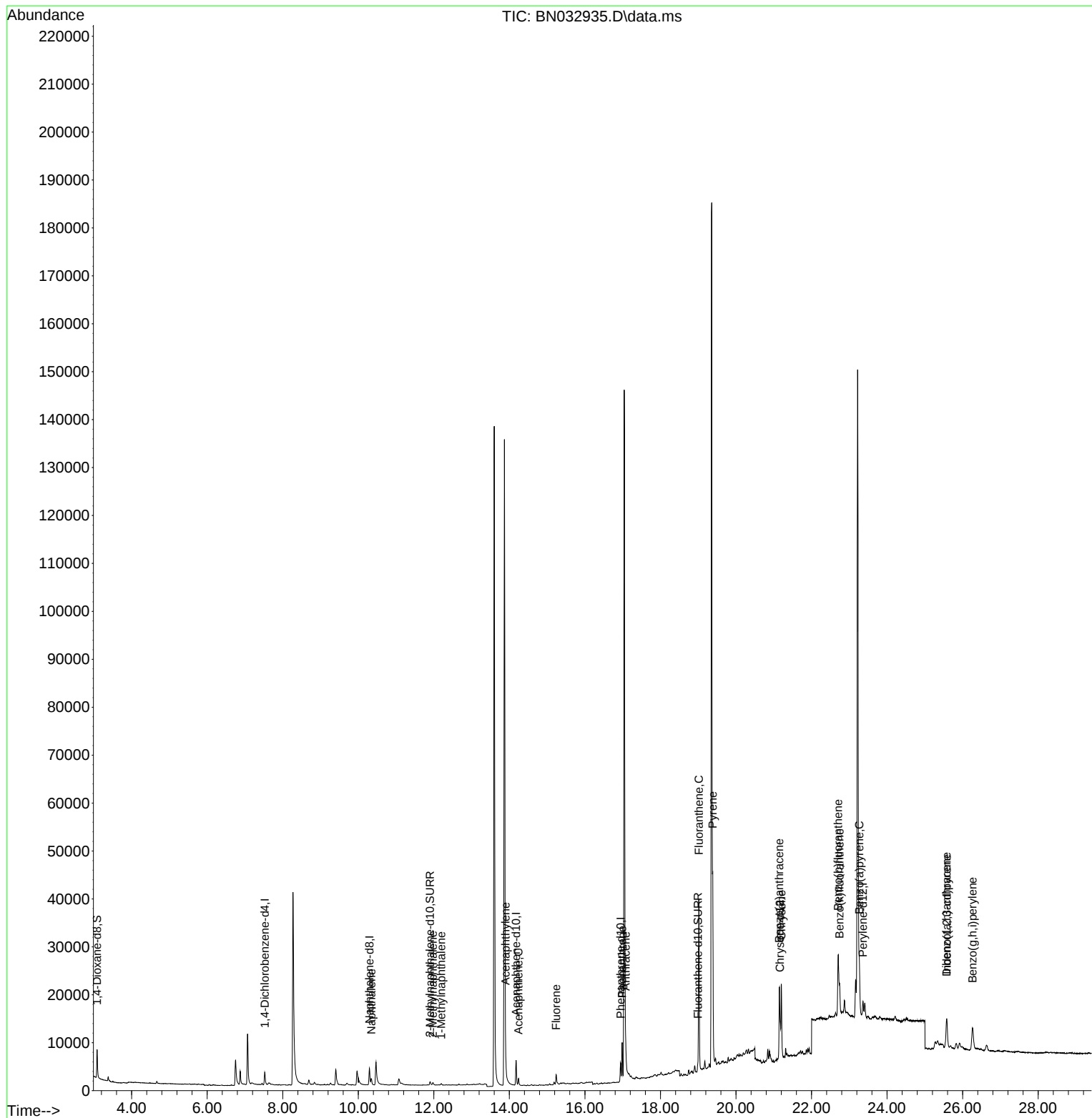
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032935.D
Acq On : 24 Jul 2024 06:21
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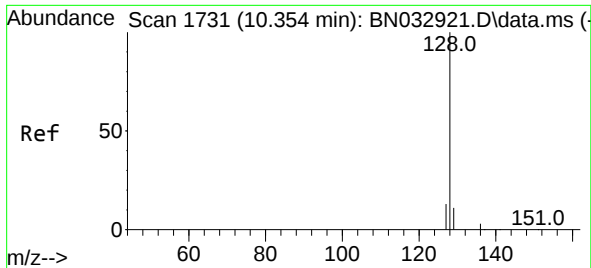
Instrument :
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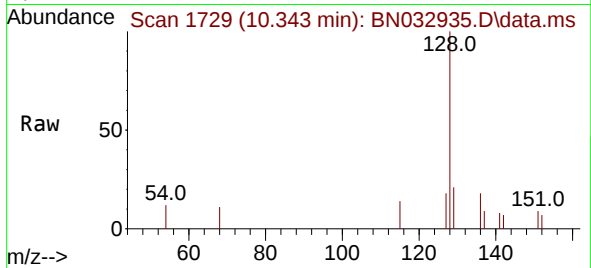
Quant Time: Jul 24 06:57:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.133 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.020 min
Lab File: BN032935.D
Acq: 24 Jul 2024 06:21

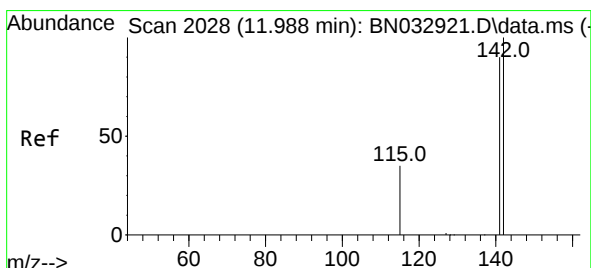
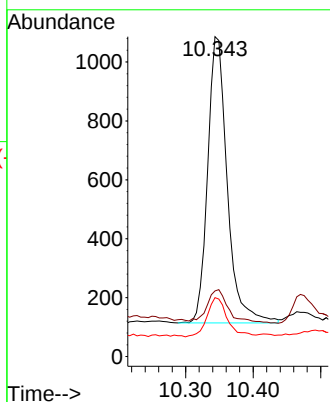
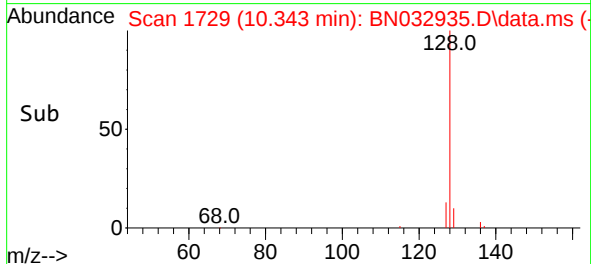
Instrument :
BNA_N
ClientSampleId :
A4D25DL



Tgt Ion:128 Resp: 196
Ion Ratio Lower Upper
128 100
129 20.5 10.0 15.0
127 18.4 11.6 17.4

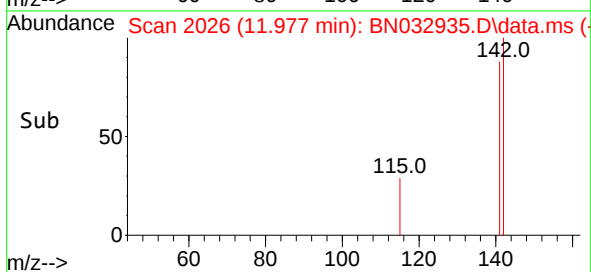
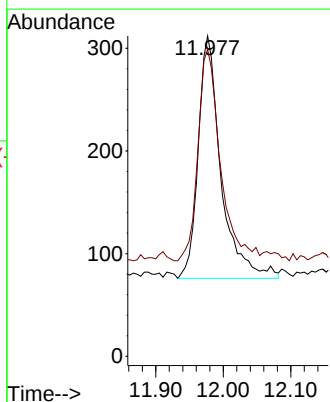
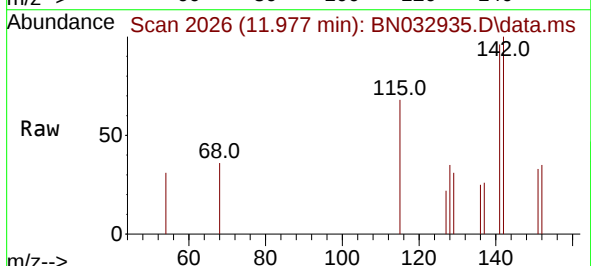
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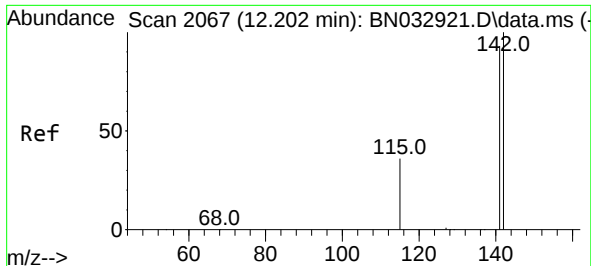
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 11.977 min Scan# 2026
Delta R.T. -0.020 min
Lab File: BN032935.D
Acq: 24 Jul 2024 06:21

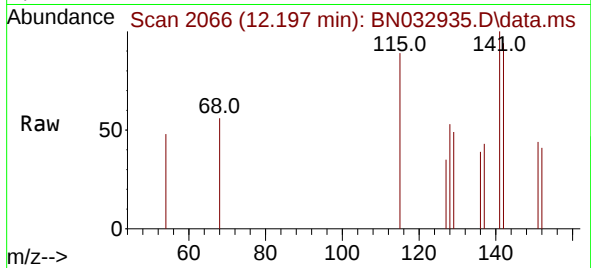
Tgt Ion:142 Resp: 551
Ion Ratio Lower Upper
142 100
141 88.7 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.197 min Scan# 2066
Delta R.T. -0.015 min
Lab File: BN032935.D
Acq: 24 Jul 2024 06:21

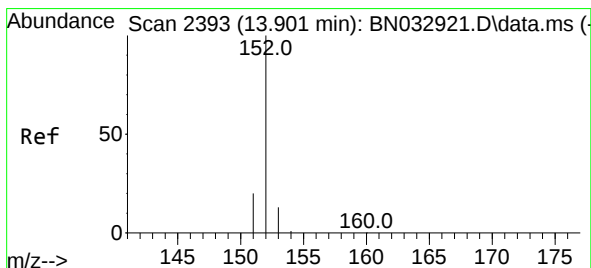
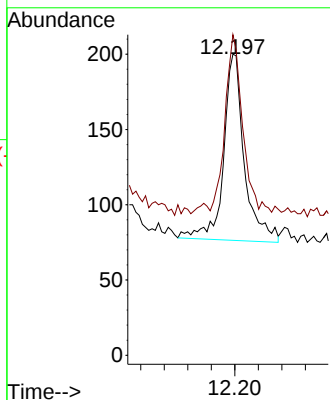
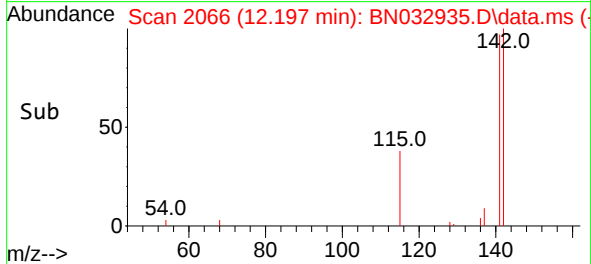
Instrument :
BNA_N
ClientSampleId :
A4D25DL



Tgt Ion:142 Resp: 300
Ion Ratio Lower Upper
142 100
141 80.9 75.0 112.4

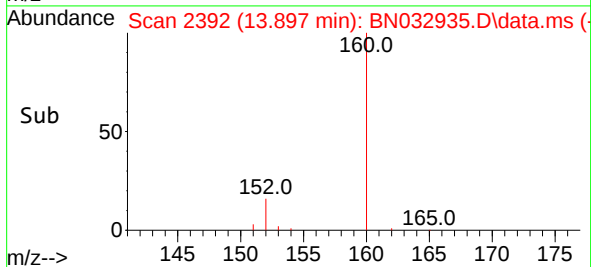
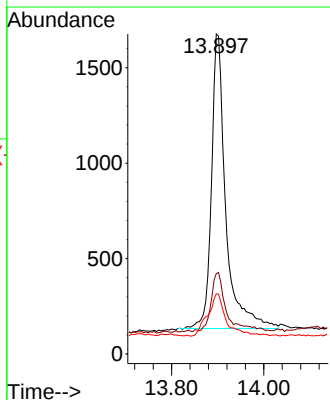
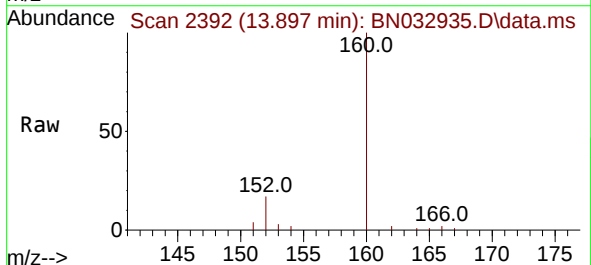
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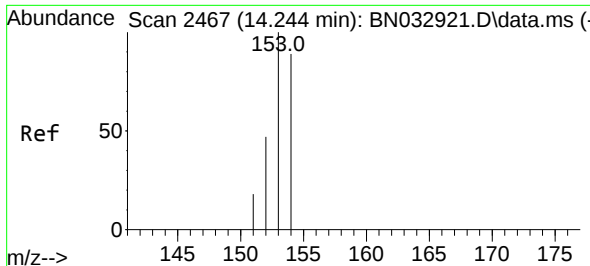
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.257 ng/ul
RT: 13.897 min Scan# 2392
Delta R.T. -0.017 min
Lab File: BN032935.D
Acq: 24 Jul 2024 06:21

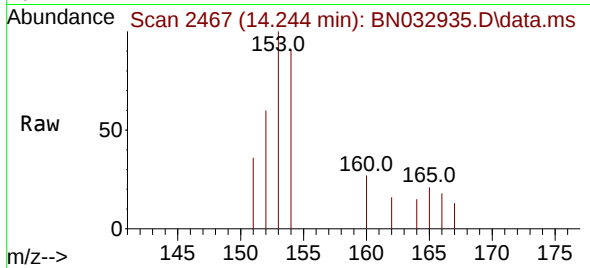
Tgt Ion:152 Resp: 3329
Ion Ratio Lower Upper
152 100
151 25.1 16.3 24.5#
153 18.8 11.3 16.9#





#11
Acenaphthene
Concen: 0.089 ng/u1
RT: 14.244 min Scan# 2467
Delta R.T. -0.008 min
Lab File: BN032935.D
Acq: 24 Jul 2024 06:21

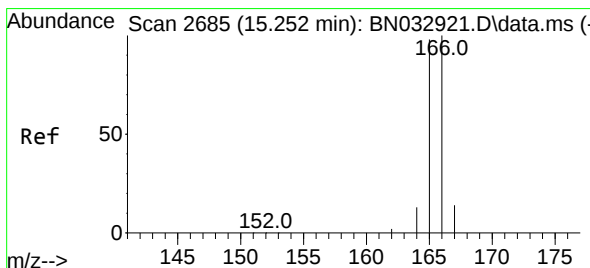
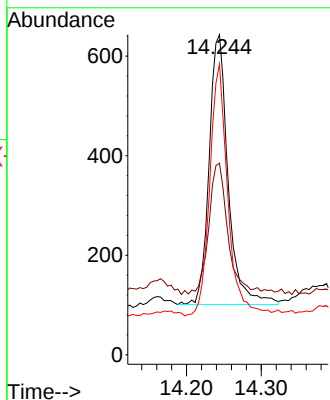
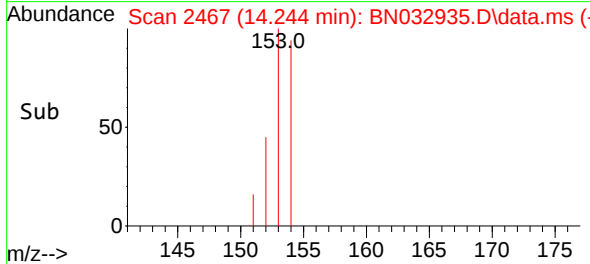
Instrument :
BNA_N
ClientSampleId :
A4D25DL



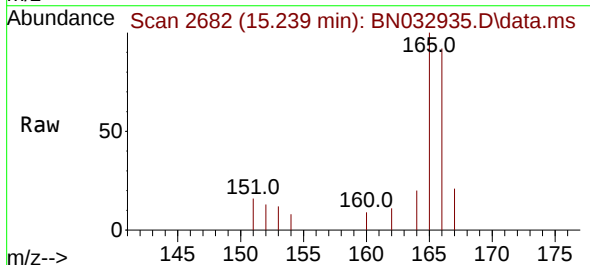
Tgt Ion:153 Resp: 95
Ion Ratio Lower Upper
153 100
152 59.9 40.0 60.0
154 90.8 70.2 105.4

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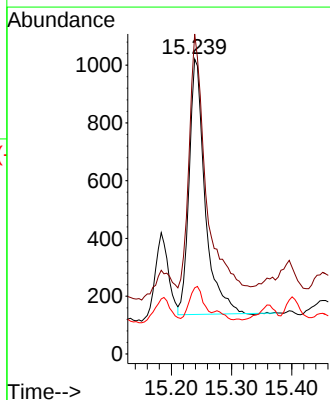
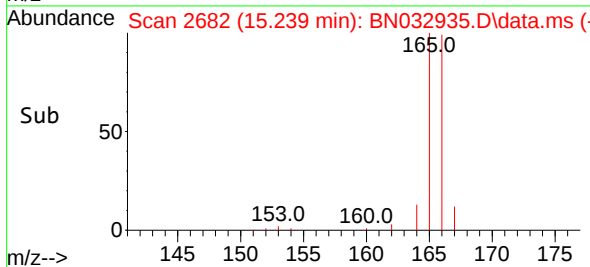
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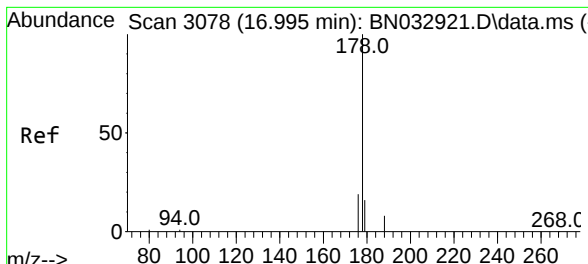


#12
Fluorene
Concen: 0.132 ng/u1
RT: 15.239 min Scan# 2682
Delta R.T. -0.021 min
Lab File: BN032935.D
Acq: 24 Jul 2024 06:21



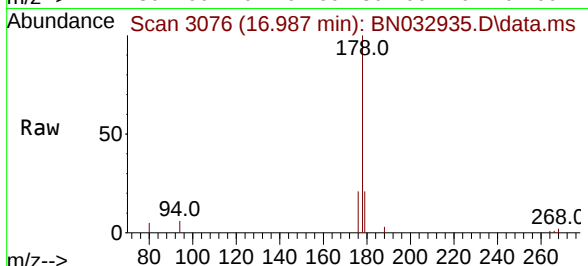
Tgt Ion:166 Resp: 1619
Ion Ratio Lower Upper
166 100
165 108.5 79.7 119.5
167 22.4 11.4 17.2#





#15
 Phenanthrene
 Concen: 0.653 ng/ul m
 RT: 16.987 min Scan# 3076
 Delta R.T. -0.015 min
 Lab File: BN032935.D
 Acq: 24 Jul 2024 06:21

Instrument :
 BNA_N
 ClientSampleId :
 A4D25DL

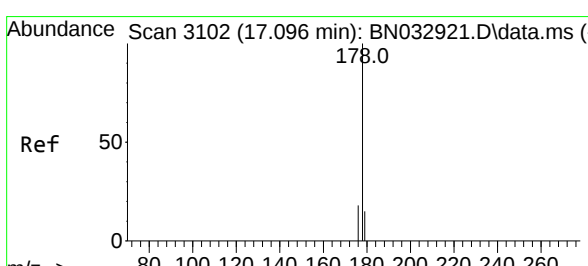
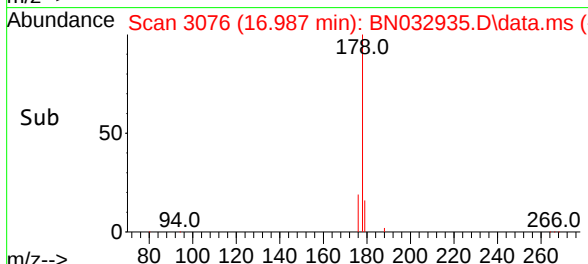
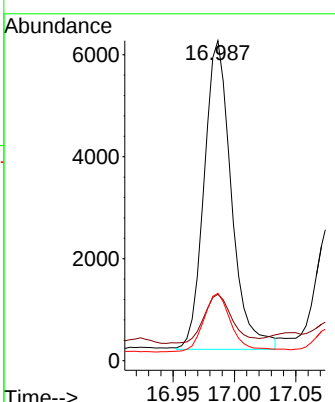


Tgt Ion:178 Resp: 938

Ion	Ratio	Lower	Upper
178	100		
179	20.7	13.0	19.4
176	21.0	15.6	23.4

Manual Integrations
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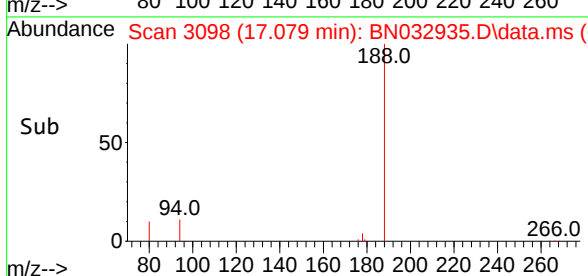
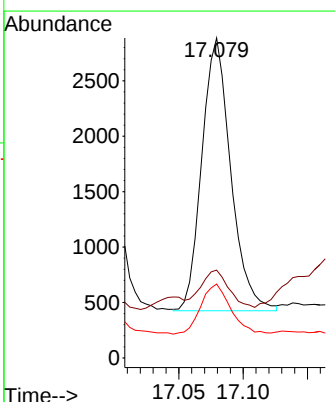
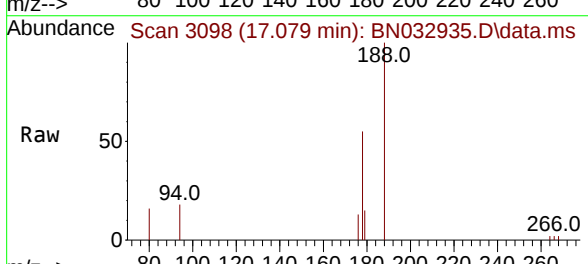
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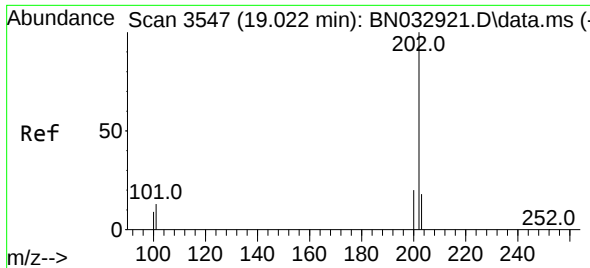


#16
 Anthracene
 Concen: 0.328 ng/ul m
 RT: 17.079 min Scan# 3098
 Delta R.T. -0.019 min
 Lab File: BN032935.D
 Acq: 24 Jul 2024 06:21

Tgt Ion:178 Resp: 3853

Ion	Ratio	Lower	Upper
178	100		
179	27.4	13.4	20.2
176	23.1	15.4	23.0





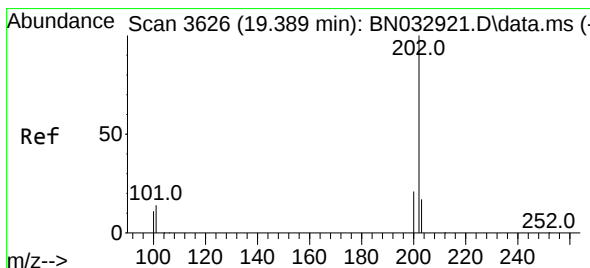
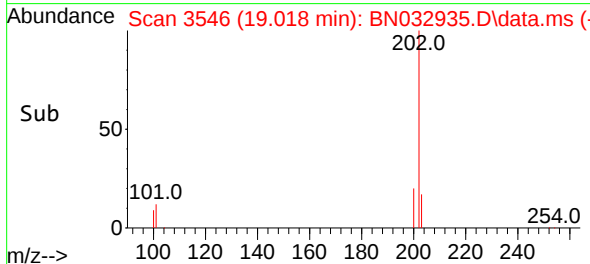
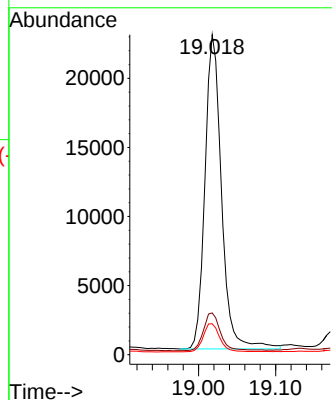
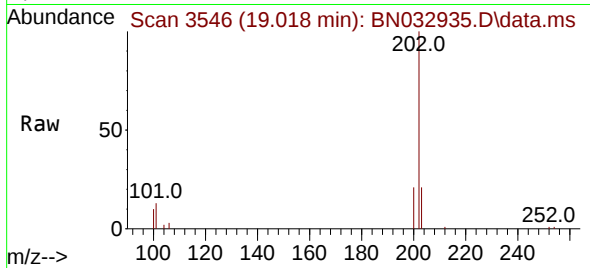
#19
Fluoranthene
Concen: 2.223 ng/u1
RT: 19.018 min Scan# 3546
Delta R.T. -0.008 min
Lab File: BN032935.D
Acq: 24 Jul 2024 06:21

Instrument :
BNA_N
ClientSampleId :
A4D25DL

Tgt Ion:202 Resp: 34010
Ion Ratio Lower Upper
202 100
101 13.0 9.8 14.8
100 9.6 7.9 11.9

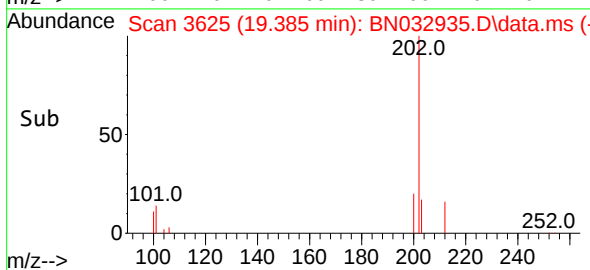
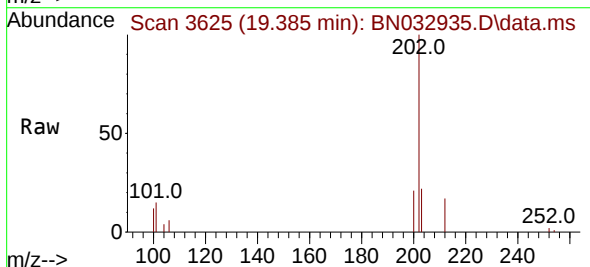
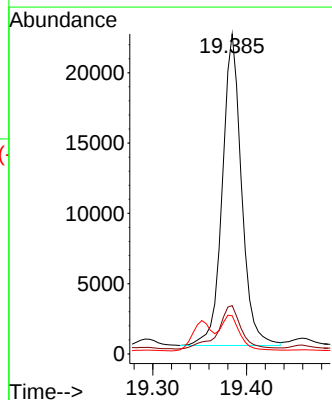
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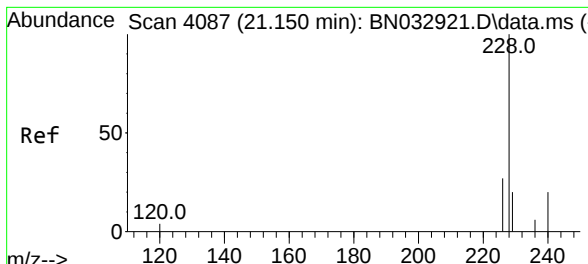
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 1.988 ng/u1
RT: 19.385 min Scan# 3625
Delta R.T. -0.008 min
Lab File: BN032935.D
Acq: 24 Jul 2024 06:21

Tgt Ion:202 Resp: 31489
Ion Ratio Lower Upper
202 100
101 15.1 11.8 17.6
100 11.9 9.6 14.4





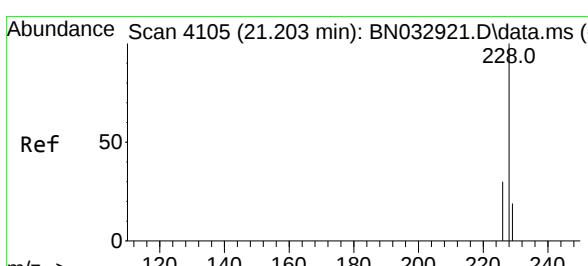
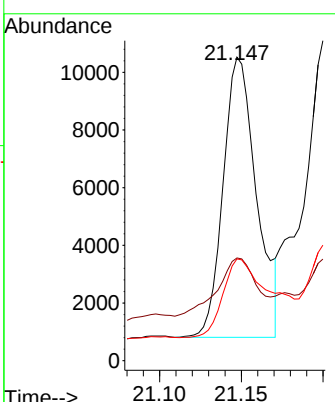
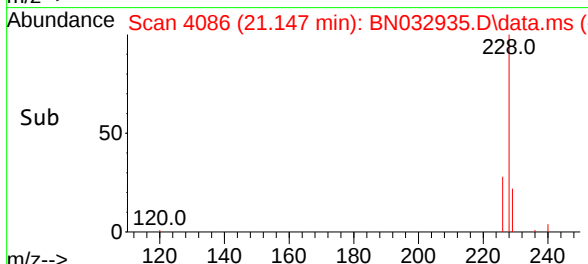
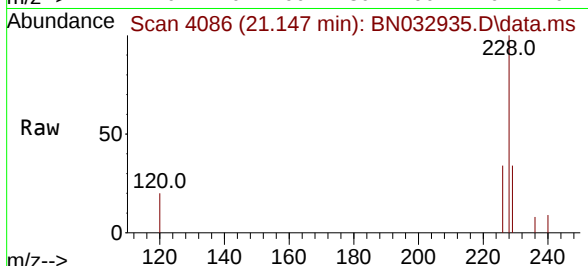
#21
 Benzo(a)anthracene
 Concen: 1.154 ng/ul
 RT: 21.147 min Scan# 4086
 Delta R.T. -0.003 min
 Lab File: BN032935.D
 Acq: 24 Jul 2024 06:21

Instrument : BNA_N
 ClientSampleId : A4D25DL

Tgt Ion:228 Resp: 13820

Ion	Ratio	Lower	Upper
228	100		
229	33.9	16.1	24.1
226	33.5	21.9	32.9

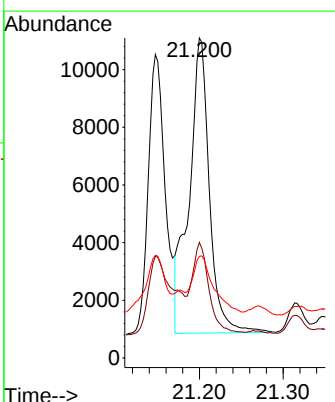
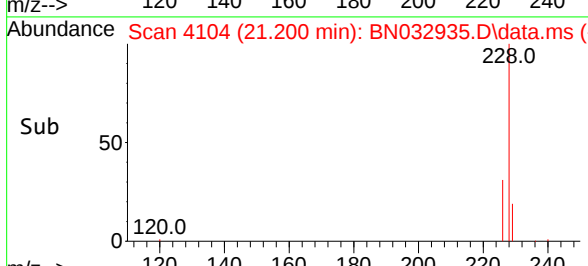
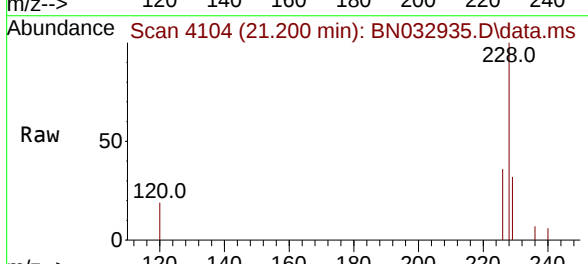
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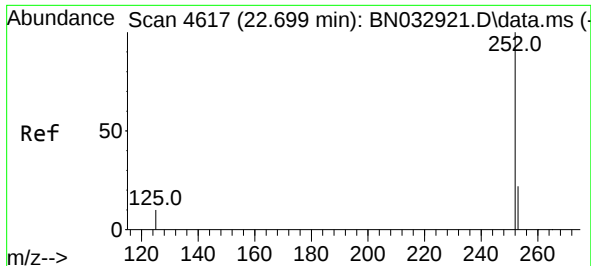


#22
 Chrysene
 Concen: 0.999 ng/ul
 RT: 21.200 min Scan# 4104
 Delta R.T. -0.003 min
 Lab File: BN032935.D
 Acq: 24 Jul 2024 06:21

Tgt Ion:228 Resp: 17310

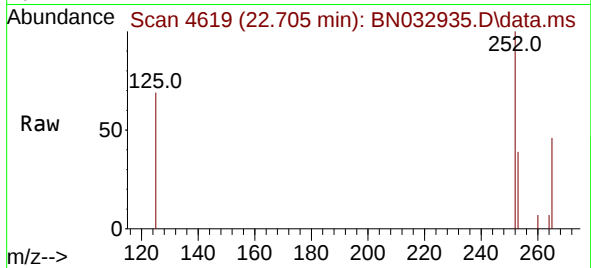
Ion	Ratio	Lower	Upper
228	100		
226	36.1	24.0	36.0#
229	31.7	15.8	23.6#





#24
Benzo(b)fluoranthene
Concen: 1.143 ng/ul m
RT: 22.705 min Scan# 4619
Delta R.T. 0.006 min
Lab File: BN032935.D
Acq: 24 Jul 2024 06:21

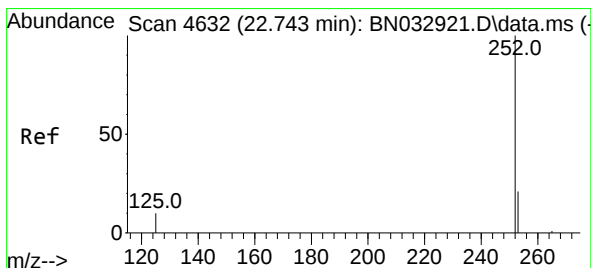
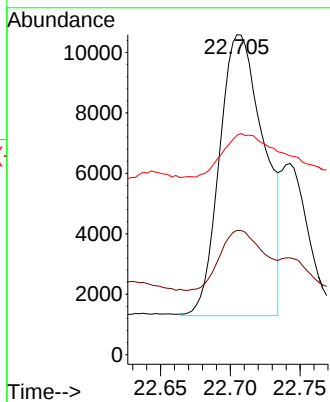
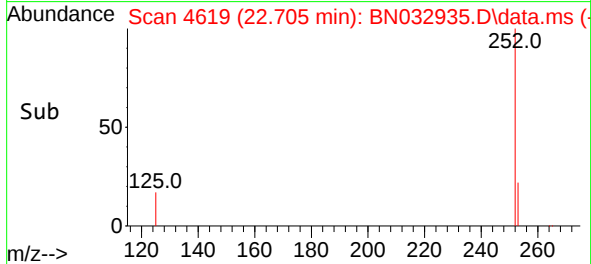
Instrument :
BNA_N
ClientSampleId :
A4D25DL



Tgt Ion:252 Resp: 20724
Ion Ratio Lower Upper
252 100
253 38.9 0.0 54.0
125 68.6 0.0 36.0

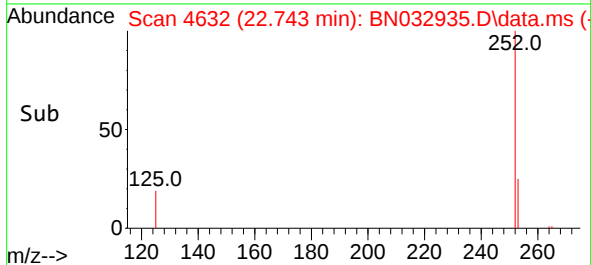
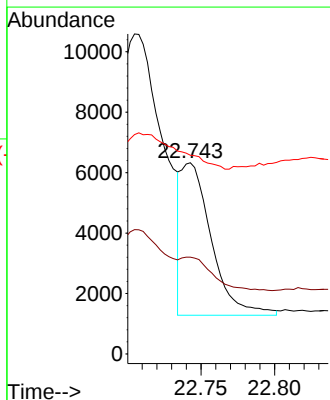
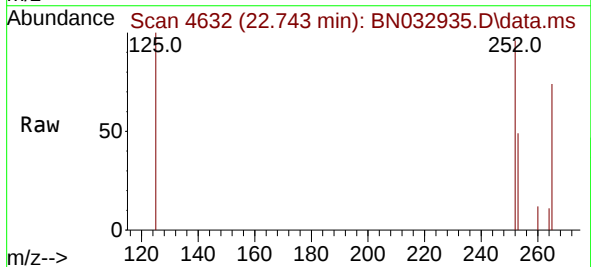
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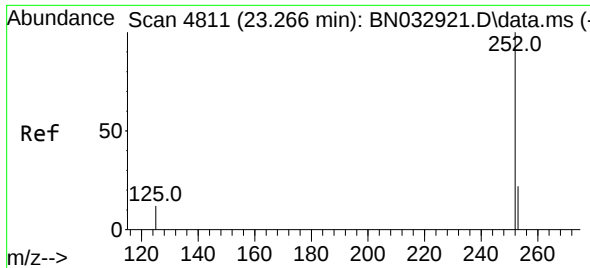
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.326 ng/ul m
RT: 22.743 min Scan# 4632
Delta R.T. 0.003 min
Lab File: BN032935.D
Acq: 24 Jul 2024 06:21

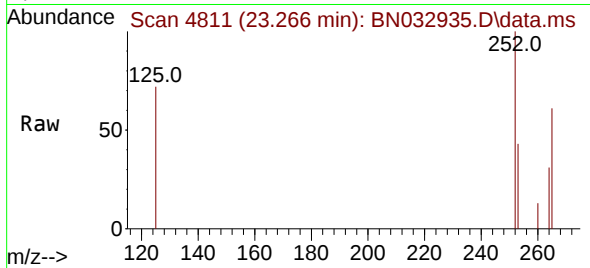
Tgt Ion:252 Resp: 7212
Ion Ratio Lower Upper
252 100
253 50.6 21.2 31.8#
125 104.0 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.894 ng/ul
RT: 23.266 min Scan# 4811
Delta R.T. 0.003 min
Lab File: BN032935.D
Acq: 24 Jul 2024 06:21

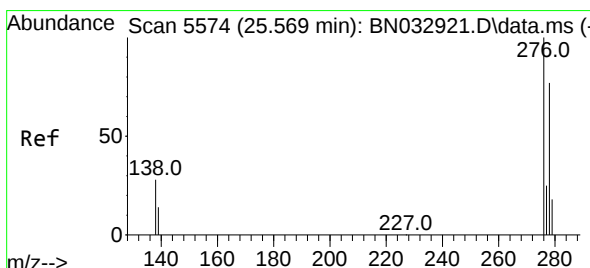
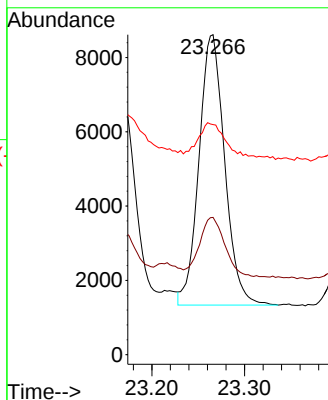
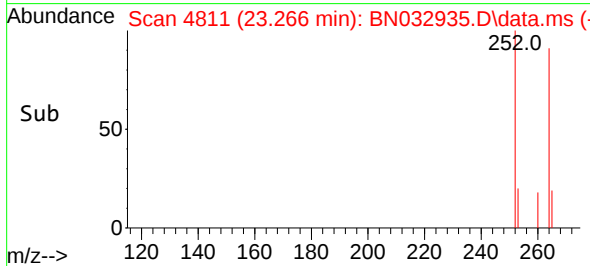
Instrument :
BNA_N
ClientSampleId :
A4D25DL



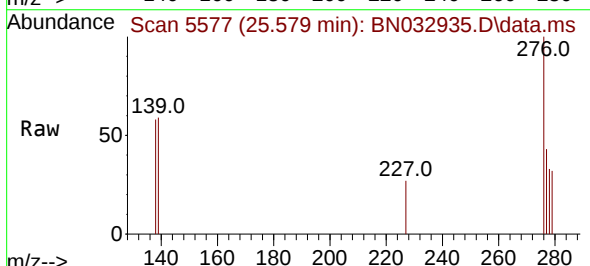
Tgt Ion:252 Resp: 1403
Ion Ratio Lower Upper
252 100
253 42.9 25.4 38.0#
125 71.9 20.6 30.8#

Manual Integrations
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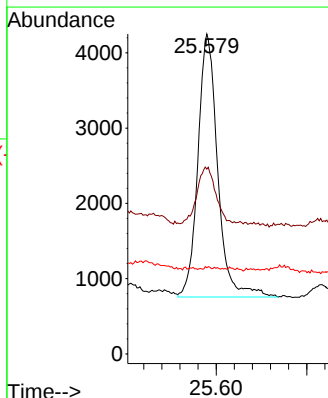
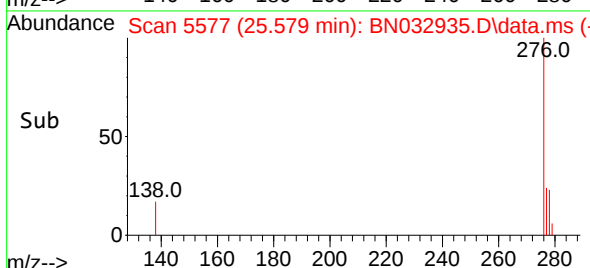
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

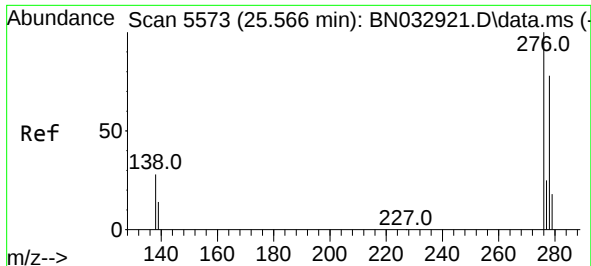


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.498 ng/ul
RT: 25.579 min Scan# 5577
Delta R.T. 0.010 min
Lab File: BN032935.D
Acq: 24 Jul 2024 06:21



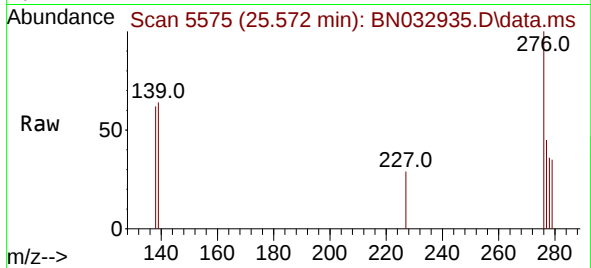
Tgt Ion:276 Resp: 10571
Ion Ratio Lower Upper
276 100
138 21.4 21.6 32.4#
227 0.4 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.158 ng/ul
RT: 25.572 min Scan# 51
Delta R.T. 0.003 min
Lab File: BN032935.D
Acq: 24 Jul 2024 06:21

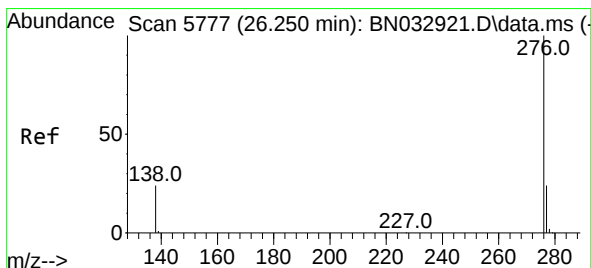
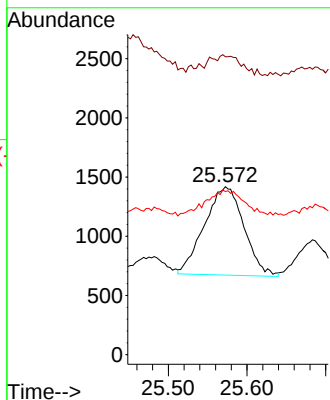
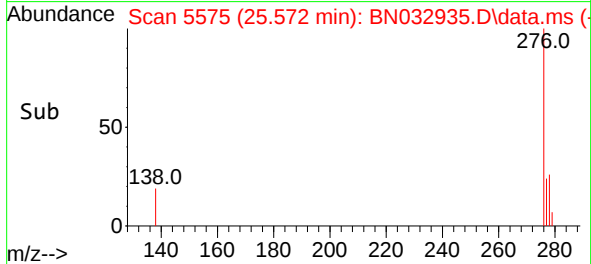
Instrument :
BNA_N
ClientSampleId :
A4D25DL



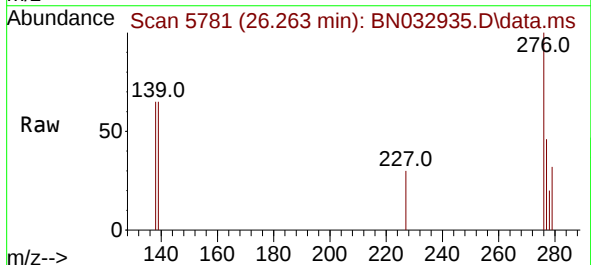
Tgt Ion:278 Resp: 2600
Ion Ratio Lower Upper
278 100
139 177.3 16.6 24.8#
279 97.1 23.7 35.5#

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.561 ng/ul
RT: 26.263 min Scan# 5781
Delta R.T. 0.013 min
Lab File: BN032935.D
Acq: 24 Jul 2024 06:21



Tgt Ion:276 Resp: 9967
Ion Ratio Lower Upper
276 100
138 65.1 21.0 31.4#
277 46.1 20.6 31.0#

