

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032926.D
 Acq On : 24 Jul 2024 00:56
 Operator : MA/JU
 Sample : P3238-07DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BF0DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 01:35:51 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	5317	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	18236	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.170	164	10639	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.936	188	18055	0.400	ng/ul	-0.02
17) Chrysene-d12	21.153	240	13215	0.400	ng/ul	-0.01
23) Perylene-d12	23.339	264	14765m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	3962	0.621	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	1210	0.044	ng/ul	-0.02
18) Fluoranthene-d10	18.976	212	1969	0.046	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.343	128	5952	0.122	ng/ul	98
7) 2-Methylnaphthalene	11.982	142	1706	0.056	ng/ul	96
8) 1-Methylnaphthalene	12.196	142	1069	0.034	ng/ul	99
10) Acenaphthylene	13.892	152	1486	0.035	ng/ul#	79
11) Acenaphthene	14.234	153	5881	0.165	ng/ul	99
12) Fluorene	15.234	166	5889	0.145	ng/ul	98
15) Phenanthrene	16.974	178	62957	1.280	ng/ul	99
16) Anthracene	17.067	178	12107	0.301	ng/ul#	94
19) Fluoranthene	19.008	202	70143	1.305	ng/ul	99
20) Pyrene	19.371	202	57911	1.041	ng/ul	99
21) Benzo(a)anthracene	21.135	228	29460	0.700	ng/ul	96
22) Chrysene	21.188	228	26133	0.429	ng/ul	96
24) Benzo(b)fluoranthene	22.687	252	34918m	0.670	ng/ul	
25) Benzo(k)fluoranthene	22.725	252	13623m	0.215	ng/ul	
26) Benzo(a)pyrene	23.242	252	24760	0.549	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.549	276	16753	0.274	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.545	278	4216	0.089	ng/ul#	47
29) Benzo(g,h,i)perylene	26.230	276	16271	0.319	ng/ul	93

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

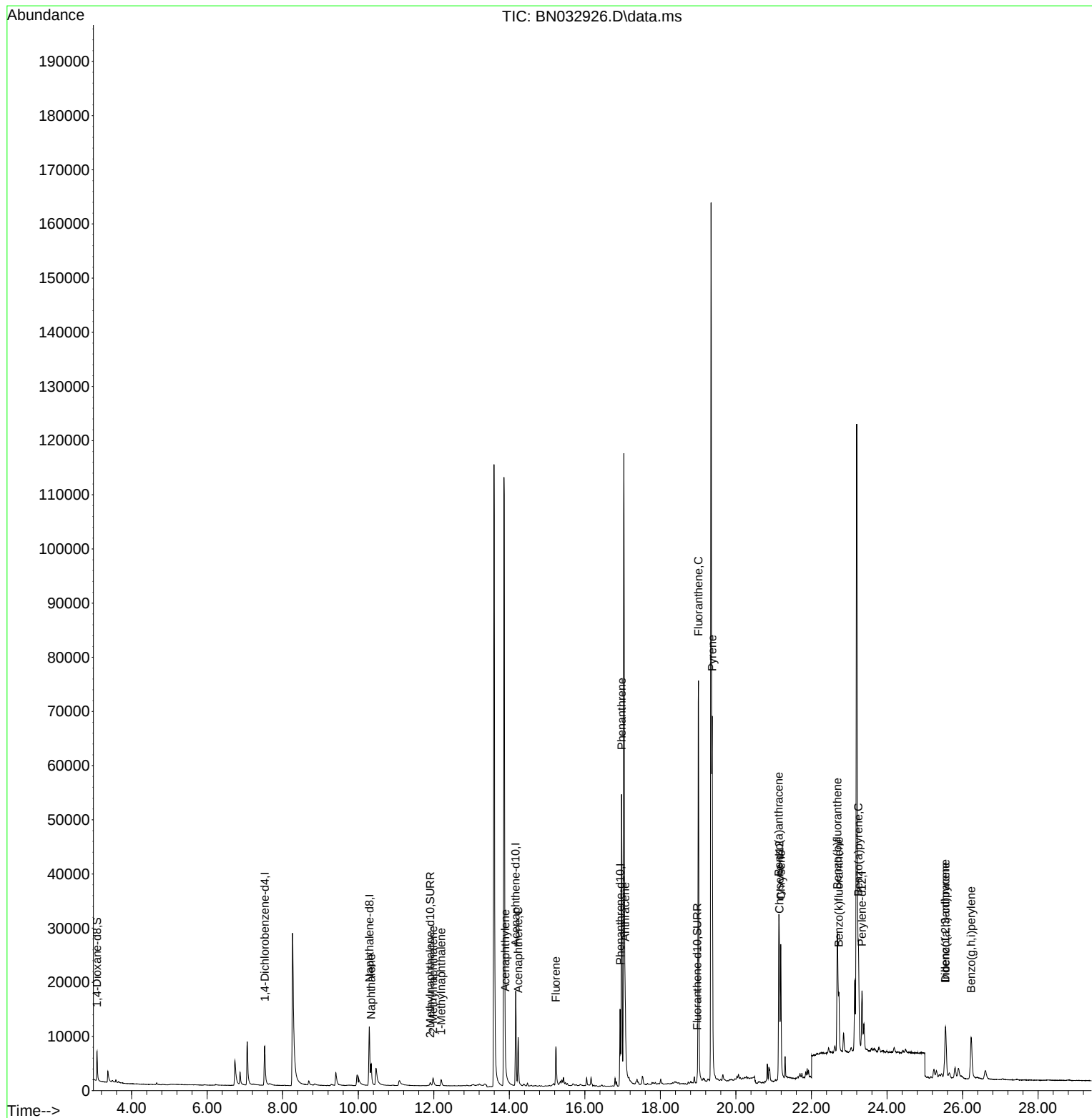
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032926.D
Acq On : 24 Jul 2024 00:56
Operator : MA/JU
Sample : P3238-07DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

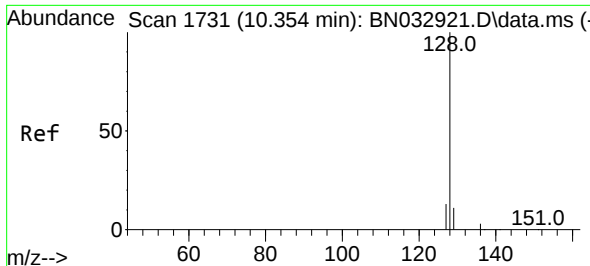
Instrument :
BNA_N
ClientSampleId :
A4BF0DL

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Supervised By :mohammad ahmed 07/26/2024

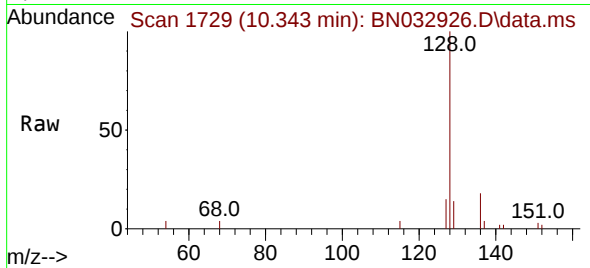
Quant Time: Jul 24 01:35:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.122 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.021 min
Lab File: BN032926.D
Acq: 24 Jul 2024 00:56

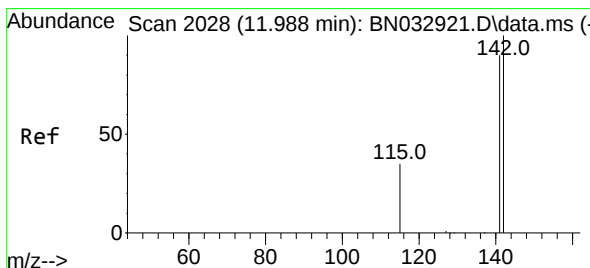
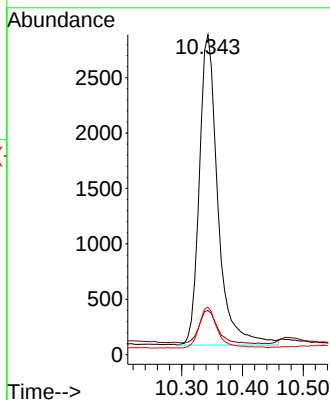
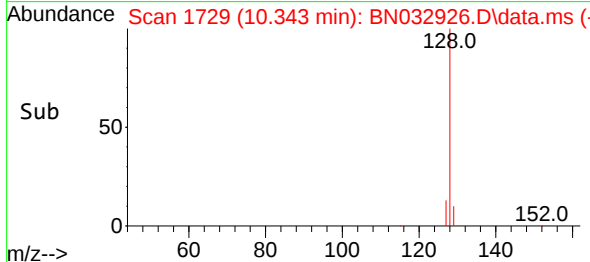
Instrument :
BNA_N
ClientSampleId :
A4BF0DL



Tgt Ion:128 Resp: 5952
Ion Ratio Lower Upper
128 100
129 13.8 10.0 15.0
127 14.8 11.6 17.4

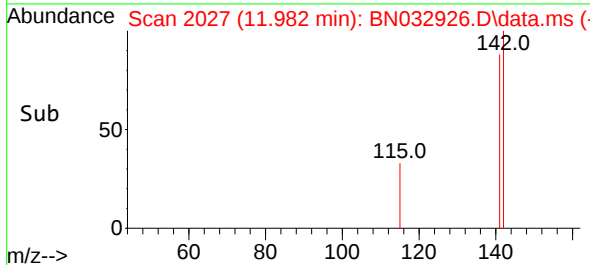
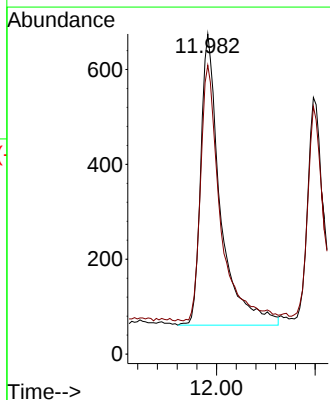
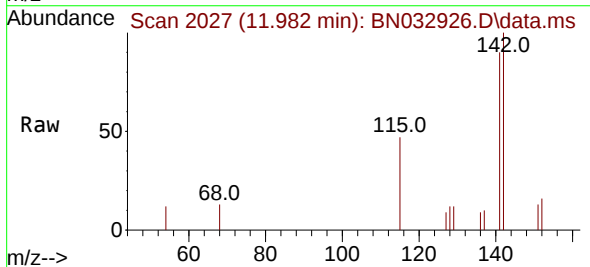
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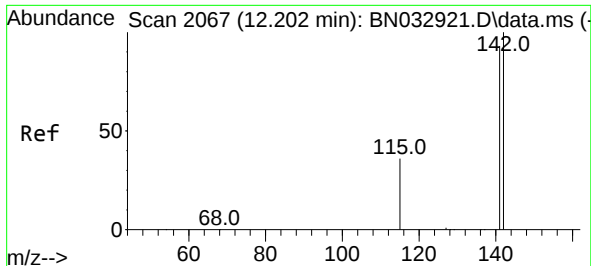
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#7
2-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 11.982 min Scan# 2027
Delta R.T. -0.015 min
Lab File: BN032926.D
Acq: 24 Jul 2024 00:56

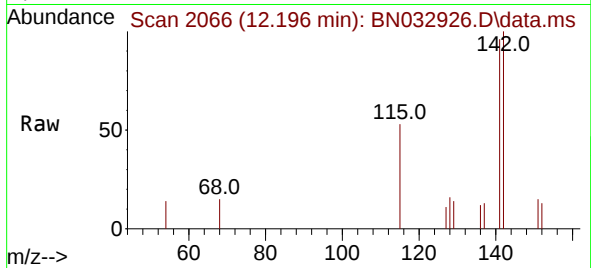
Tgt Ion:142 Resp: 1706
Ion Ratio Lower Upper
142 100
141 88.3 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.015 min
Lab File: BN032926.D
Acq: 24 Jul 2024 00:56

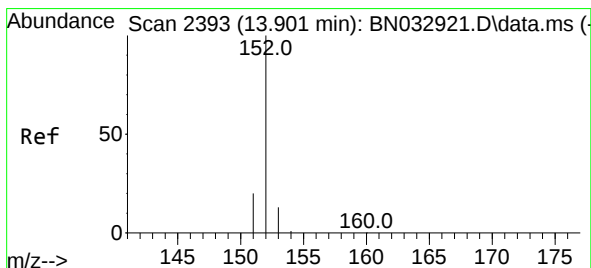
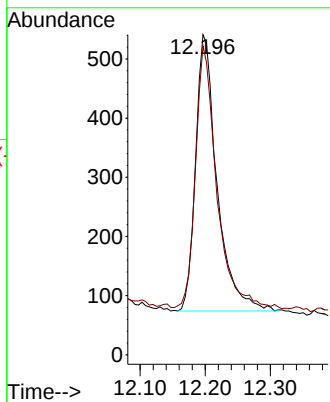
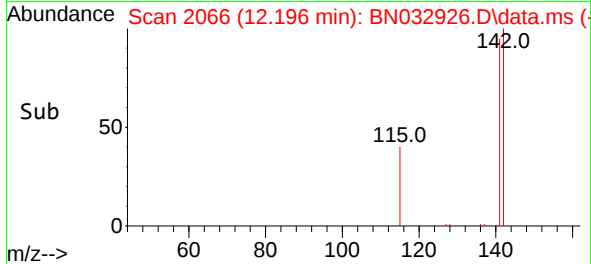
Instrument :
BNA_N
ClientSampleId :
A4BF0DL



Tgt Ion:142 Resp: 1069
Ion Ratio Lower Upper
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141 94.2 75.0 112.4

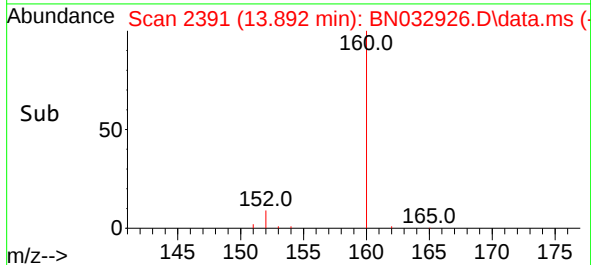
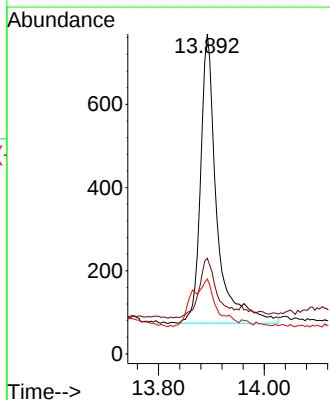
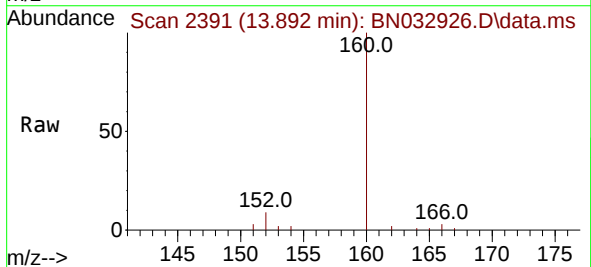
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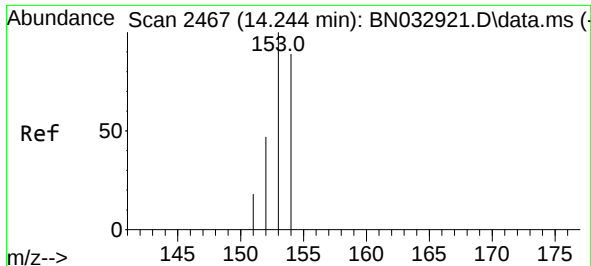
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 13.892 min Scan# 2391
Delta R.T. -0.022 min
Lab File: BN032926.D
Acq: 24 Jul 2024 00:56

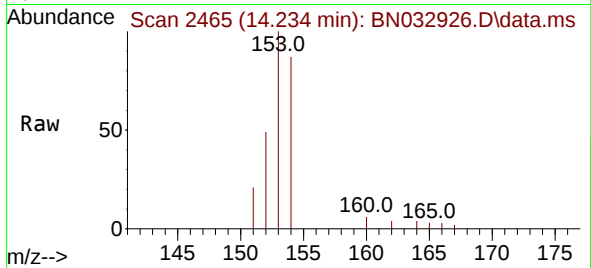
Tgt Ion:152 Resp: 1486
Ion Ratio Lower Upper
152 100
151 29.9 16.3 24.5#
153 23.4 11.3 16.9#





#11
Acenaphthene
Concen: 0.165 ng/u1
RT: 14.234 min Scan# 2465
Delta R.T. -0.017 min
Lab File: BN032926.D
Acq: 24 Jul 2024 00:56

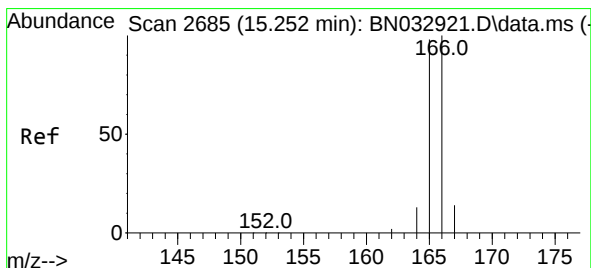
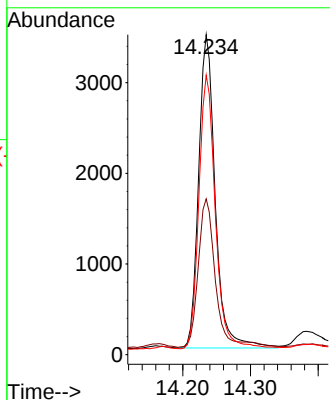
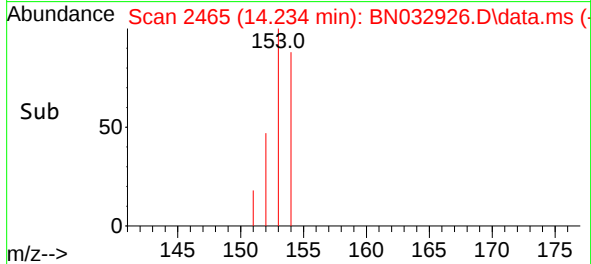
Instrument :
BNA_N
ClientSampleId :
A4BF0DL



Tgt Ion:153 Resp: 588
Ion Ratio Lower Upper
153 100
152 48.7 40.0 60.0
154 87.4 70.2 105.4

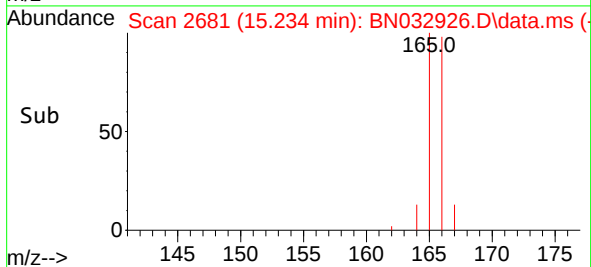
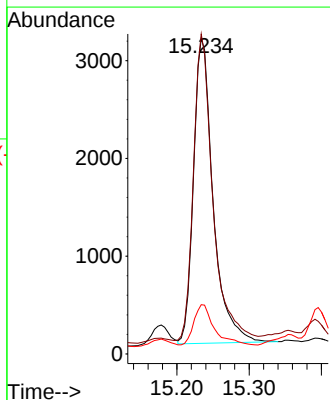
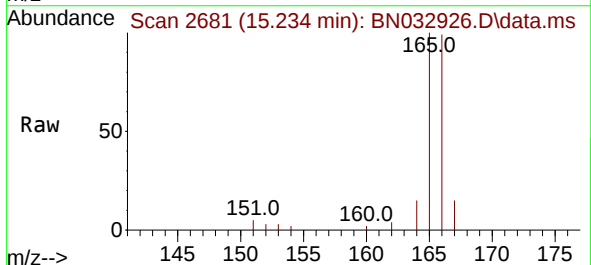
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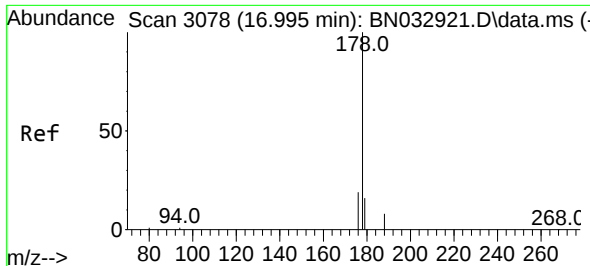
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.145 ng/u1
RT: 15.234 min Scan# 2681
Delta R.T. -0.026 min
Lab File: BN032926.D
Acq: 24 Jul 2024 00:56

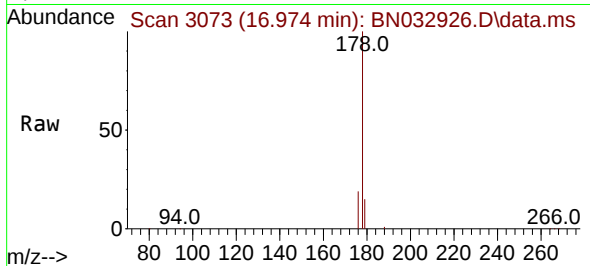
Tgt Ion:166 Resp: 5889
Ion Ratio Lower Upper
166 100
165 101.5 79.7 119.5
167 15.6 11.4 17.2





#15
Phenanthrene
Concen: 1.280 ng/ul
RT: 16.974 min Scan# 3078
Delta R.T. -0.028 min
Lab File: BN032926.D
Acq: 24 Jul 2024 00:56

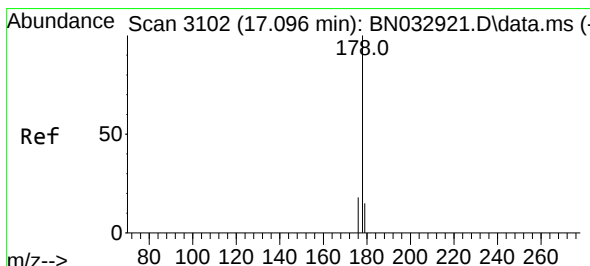
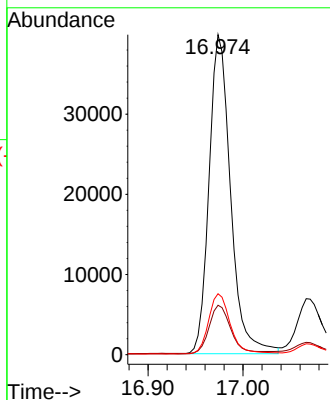
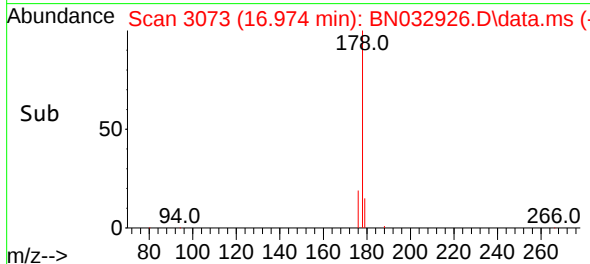
Instrument :
BNA_N
ClientSampleId :
A4BF0DL



Tgt Ion:178 Resp: 6295
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.0 15.6 23.4

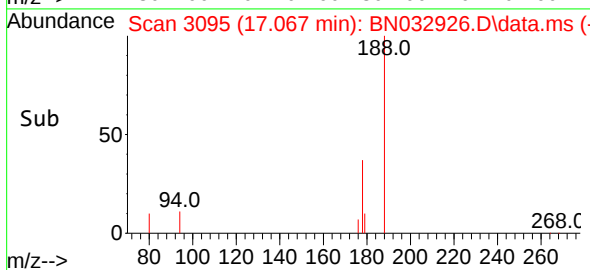
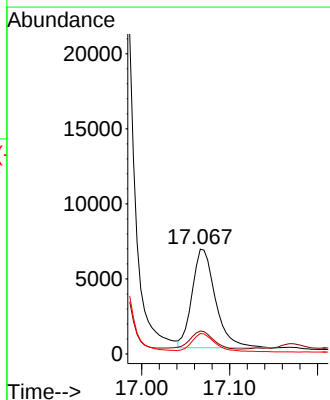
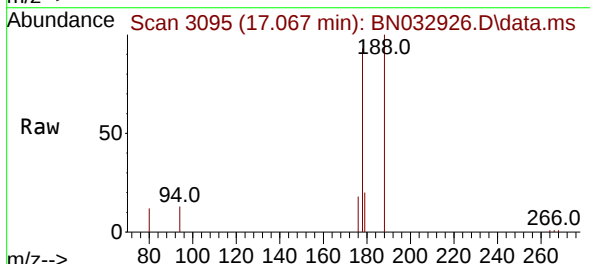
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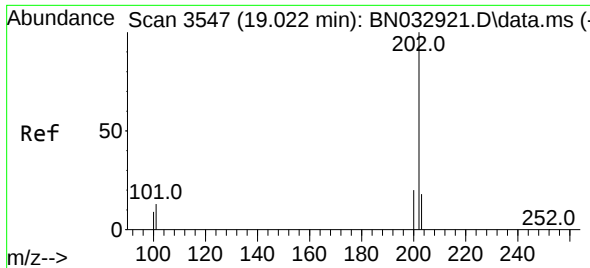
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#16
Anthracene
Concen: 0.301 ng/ul
RT: 17.067 min Scan# 3095
Delta R.T. -0.032 min
Lab File: BN032926.D
Acq: 24 Jul 2024 00:56

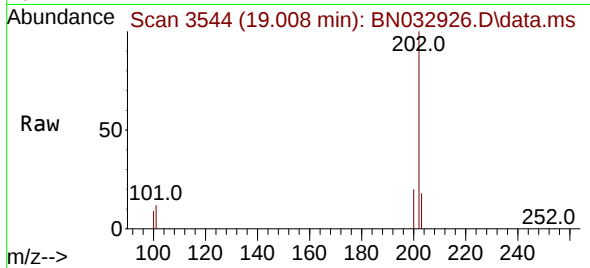
Tgt Ion:178 Resp: 12107
Ion Ratio Lower Upper
178 100
179 21.9 13.4 20.2#
176 19.5 15.4 23.0





#19
Fluoranthene
Concen: 1.305 ng/u1
RT: 19.008 min Scan# 3544
Delta R.T. -0.017 min
Lab File: BN032926.D
Acq: 24 Jul 2024 00:56

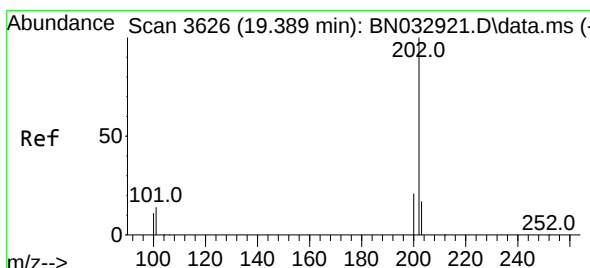
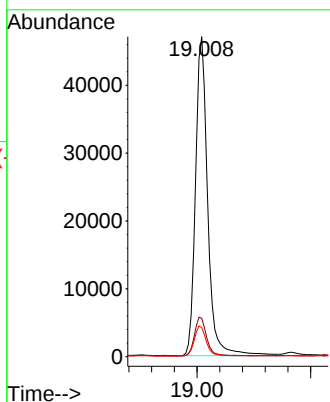
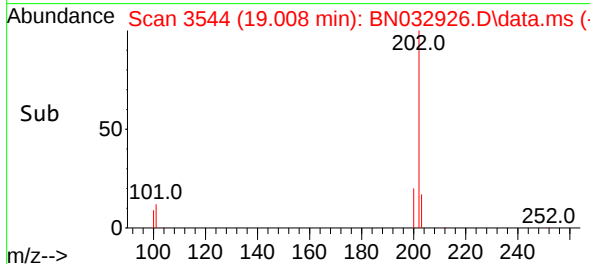
Instrument :
BNA_N
ClientSampleId :
A4BF0DL



Tgt Ion:202 Resp: 7014
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.8
100 9.1 7.9 11.9

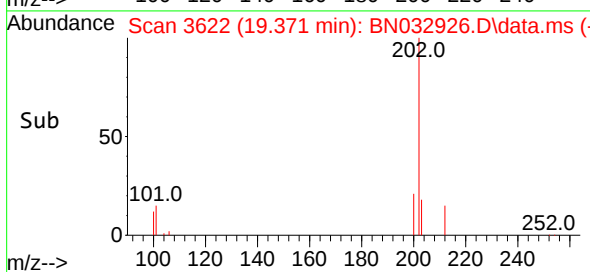
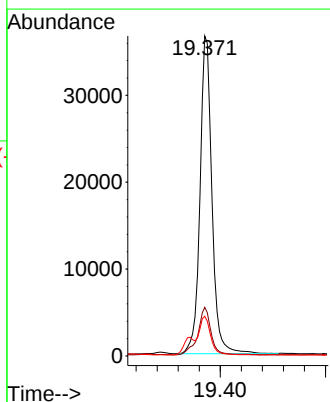
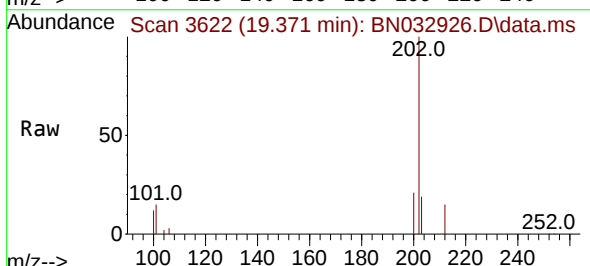
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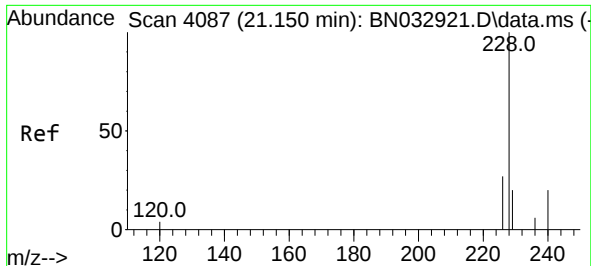
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 1.041 ng/u1
RT: 19.371 min Scan# 3622
Delta R.T. -0.022 min
Lab File: BN032926.D
Acq: 24 Jul 2024 00:56

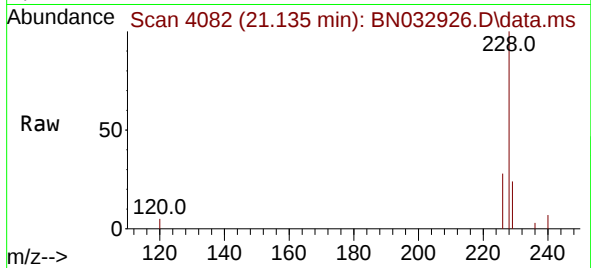
Tgt Ion:202 Resp: 57911
Ion Ratio Lower Upper
202 100
101 15.2 11.8 17.6
100 12.4 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.700 ng/u1
RT: 21.135 min Scan# 4087
Delta R.T. -0.015 min
Lab File: BN032926.D
Acq: 24 Jul 2024 00:56

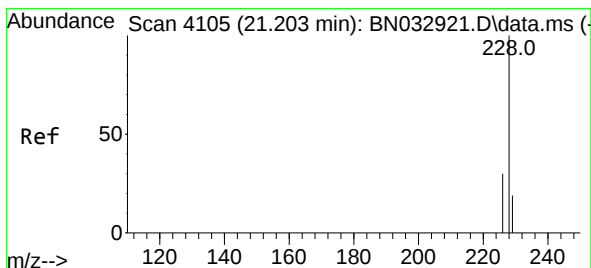
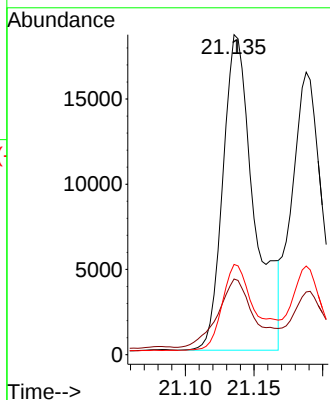
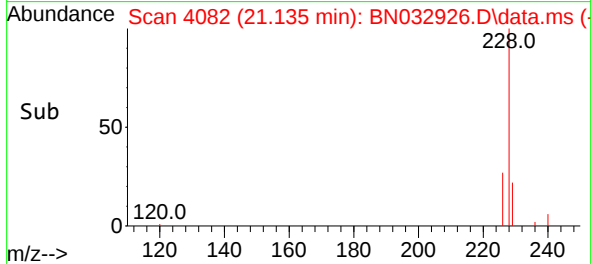
Instrument :
BNA_N
ClientSampleId :
A4BF0DL



Tgt Ion:228 Resp: 29460
Ion Ratio Lower Upper
228 100
229 23.6 16.1 24.1
226 28.2 21.9 32.9

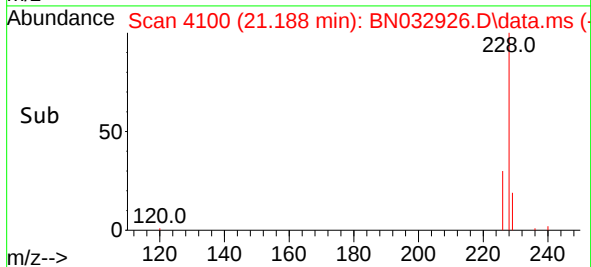
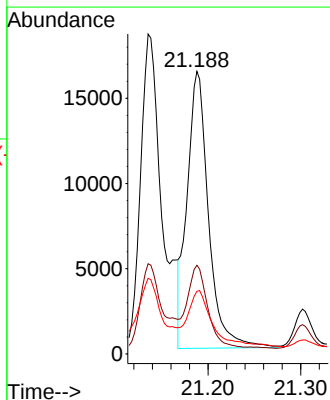
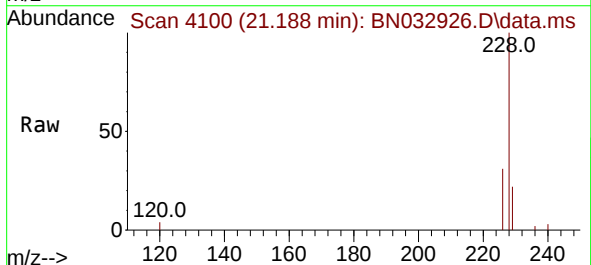
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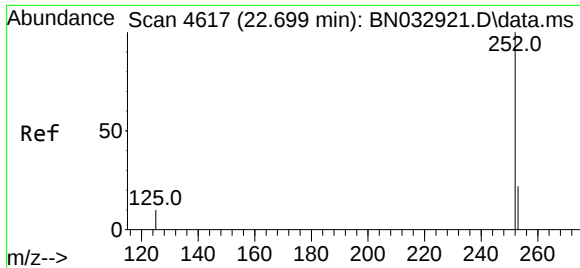
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 0.429 ng/u1
RT: 21.188 min Scan# 4100
Delta R.T. -0.015 min
Lab File: BN032926.D
Acq: 24 Jul 2024 00:56

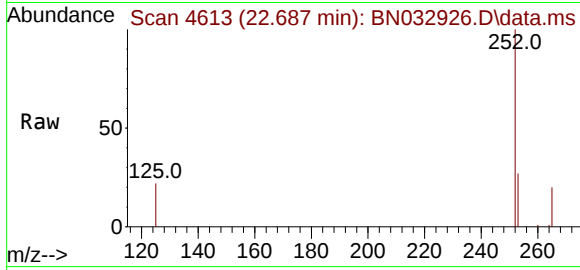
Tgt Ion:228 Resp: 26133
Ion Ratio Lower Upper
228 100
226 31.4 24.0 36.0
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.670 ng/ul m
RT: 22.687 min Scan# 4613
Delta R.T. -0.012 min
Lab File: BN032926.D
Acq: 24 Jul 2024 00:56

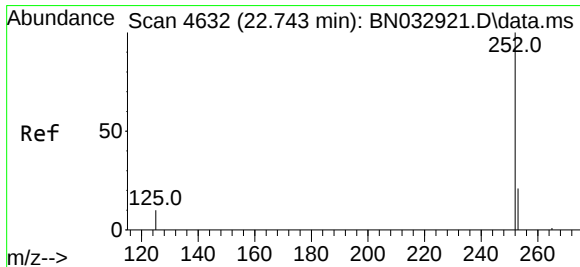
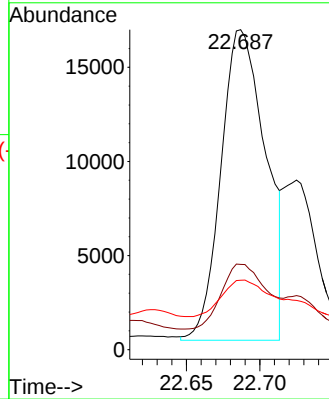
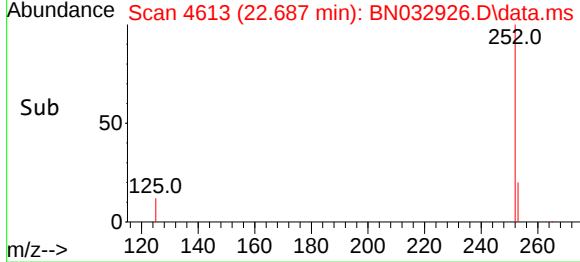
Instrument :
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A4BF0DL



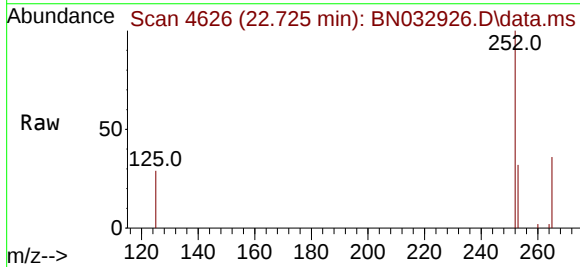
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Ion Ratio Lower Upper
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253 26.7 0.0 54.0
125 21.7 0.0 36.0

Manual Integrations
APPROVED

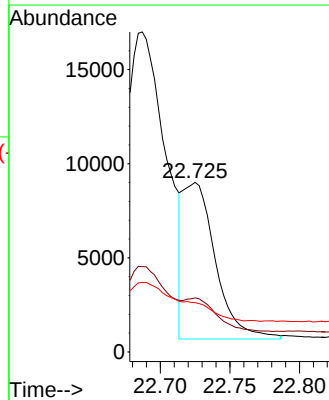
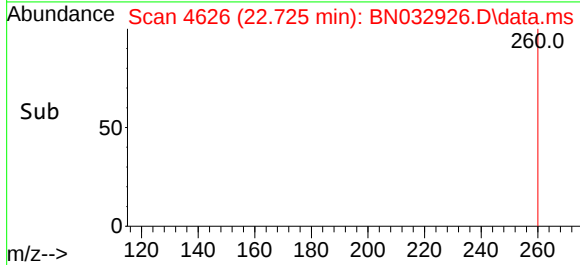
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

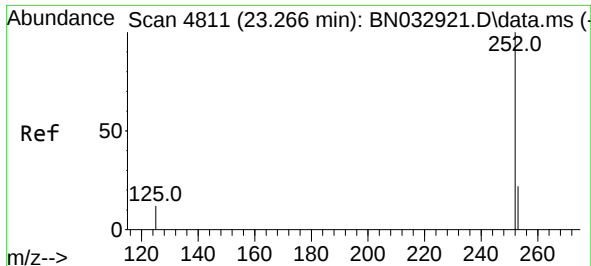


#25
Benzo(k)fluoranthene
Concen: 0.215 ng/ul m
RT: 22.725 min Scan# 4626
Delta R.T. -0.015 min
Lab File: BN032926.D
Acq: 24 Jul 2024 00:56



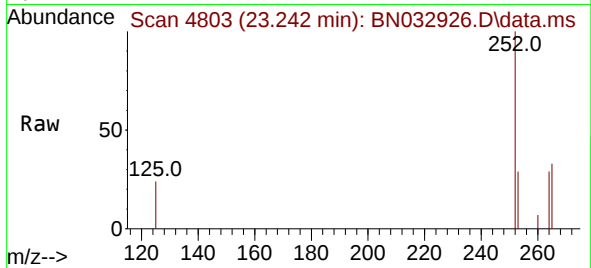
Tgt Ion:252 Resp: 13623
Ion Ratio Lower Upper
252 100
253 31.9 21.2 31.8#
125 29.1 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.549 ng/ul
RT: 23.242 min Scan# 4811
Delta R.T. -0.021 min
Lab File: BN032926.D
Acq: 24 Jul 2024 00:56

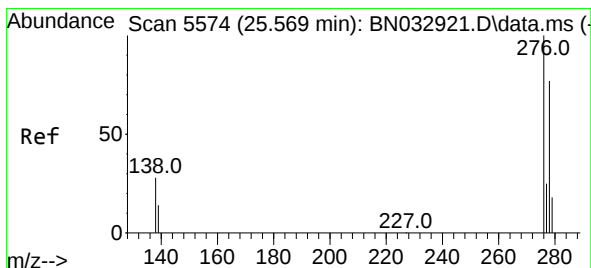
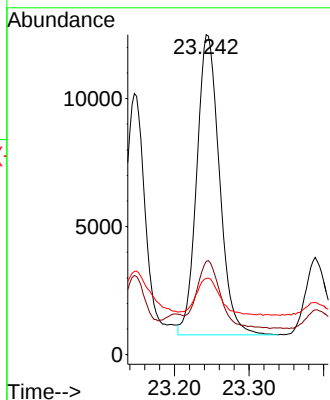
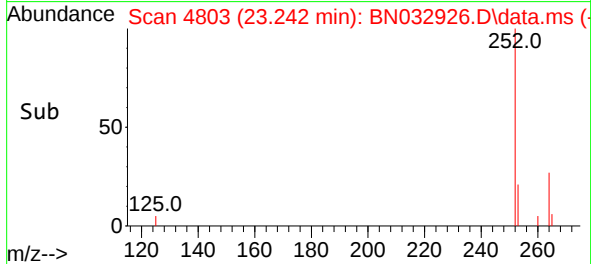
Instrument :
BNA_N
ClientSampleId :
A4BF0DL



Tgt Ion:252 Resp: 24760
Ion Ratio Lower Upper
252 100
253 29.2 25.4 38.0
125 23.8 20.6 30.8

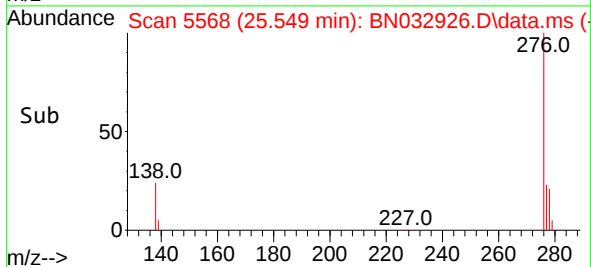
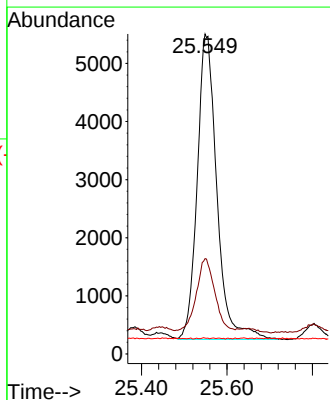
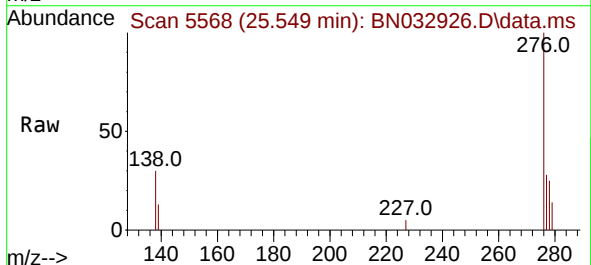
Manual Integrations
APPROVED

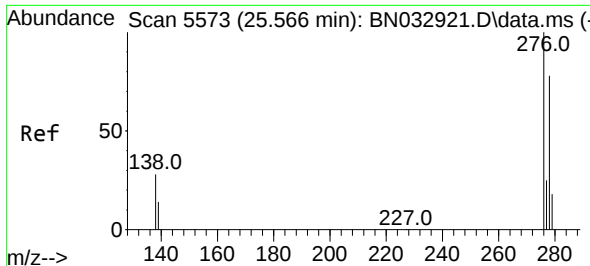
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.274 ng/ul
RT: 25.549 min Scan# 5568
Delta R.T. -0.020 min
Lab File: BN032926.D
Acq: 24 Jul 2024 00:56

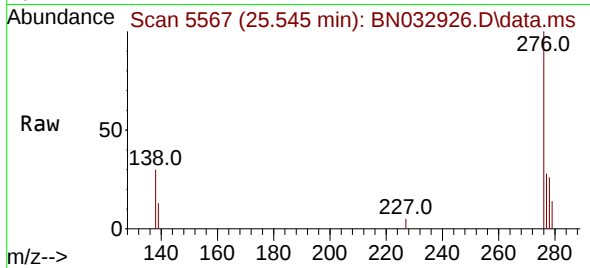
Tgt Ion:276 Resp: 16753
Ion Ratio Lower Upper
276 100
138 21.8 21.6 32.4
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.089 ng/ul
RT: 25.545 min Scan# 5567
Delta R.T. -0.024 min
Lab File: BN032926.D
Acq: 24 Jul 2024 00:56

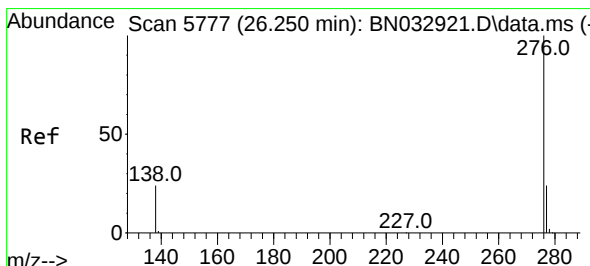
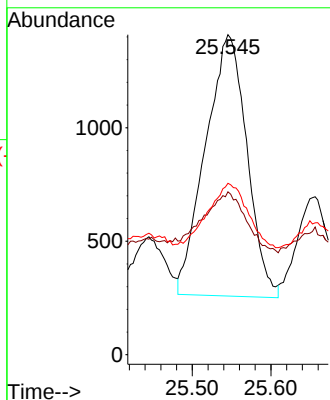
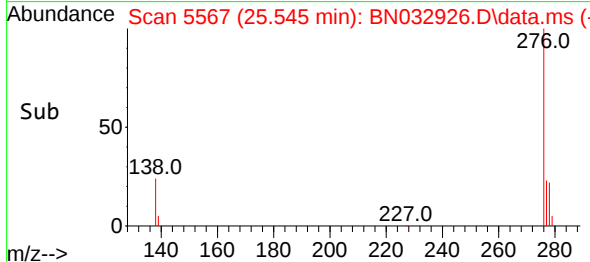
Instrument :
BNA_N
ClientSampleId :
A4BF0DL



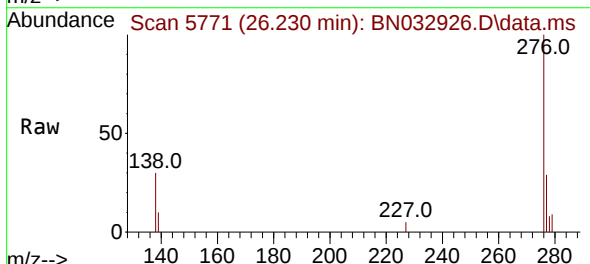
Tgt Ion:278 Resp: 4210
Ion Ratio Lower Upper
278 100
139 50.9 16.6 24.8
279 53.5 23.7 35.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.319 ng/ul
RT: 26.230 min Scan# 5771
Delta R.T. -0.020 min
Lab File: BN032926.D
Acq: 24 Jul 2024 00:56



Tgt Ion:276 Resp: 16271
Ion Ratio Lower Upper
276 100
138 30.3 21.0 31.4
277 28.7 20.6 31.0

