

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032953.D
 Acq On : 24 Jul 2024 17:48
 Operator : MA/JU
 Sample : P3238-05DL 5X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BE8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 18:16:14 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	7.519	152	3906	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.294	136	13016	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.170	164	6840	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.932	188	11388	0.400	ng/ul	-0.03
17) Chrysene-d12	21.150	240	9326m	0.400	ng/ul	-0.01
23) Perylene-d12	23.345	264	12017m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	3221	0.687	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	870	0.044	ng/ul	-0.03
18) Fluoranthene-d10	18.976	212	1441	0.047	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	17191	0.492	ng/ul	99
7) 2-Methylnaphthalene	11.977	142	6160	0.282	ng/ul	98
8) 1-Methylnaphthalene	12.191	142	4705	0.209	ng/ul	99
10) Acenaphthylene	13.892	152	8669	0.314	ng/ul	97
11) Acenaphthene	14.235	153	25833	1.130	ng/ul	98
12) Fluorene	15.234	166	25165	0.963	ng/ul	99
15) Phenanthrene	16.974	178	427370	13.780	ng/ul	99
16) Anthracene	17.071	178	72154m	2.848	ng/ul	
19) Fluoranthene	19.008	202	540435	14.253	ng/ul	97
20) Pyrene	19.375	202	428490	10.918	ng/ul	95
21) Benzo(a)anthracene	21.136	228	241874	8.148	ng/ul	99
22) Chrysene	21.188	228	250128	5.824	ng/ul	99
24) Benzo(b)fluoranthene	22.687	252	331964m	7.829	ng/ul	
25) Benzo(k)fluoranthene	22.725	252	113893m	2.204	ng/ul	
26) Benzo(a)pyrene	23.248	252	132943	3.623	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.549	276	117833	2.372	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.542	278	40681	1.056	ng/ul#	95
29) Benzo(g,h,i)perylene	26.230	276	17017	0.410	ng/ul#	81

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

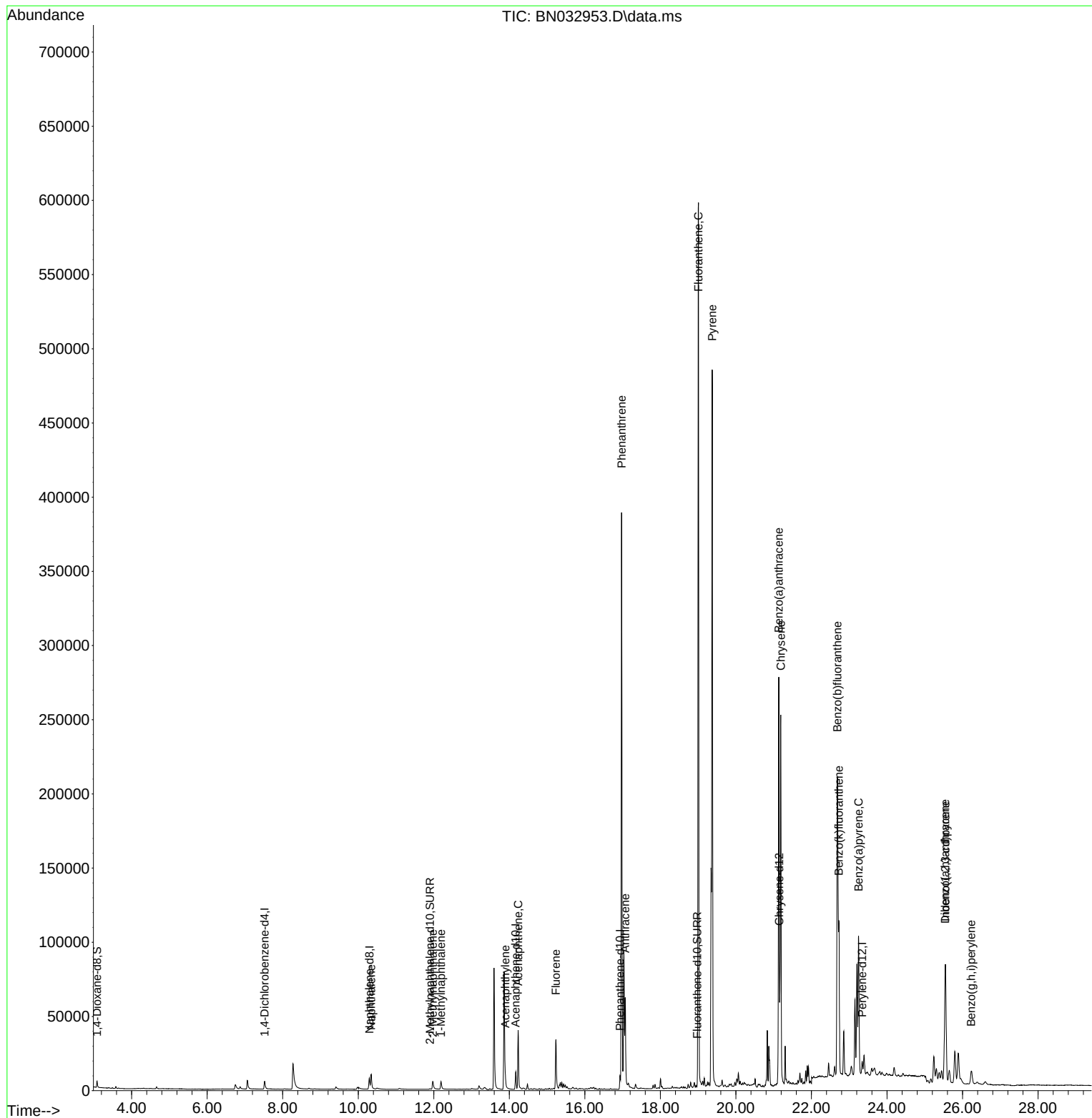
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032953.D
Acq On : 24 Jul 2024 17:48
Operator : MA/JU
Sample : P3238-05DL 5X
Misc :
ALS Vial : 64 Sample Multiplier: 1

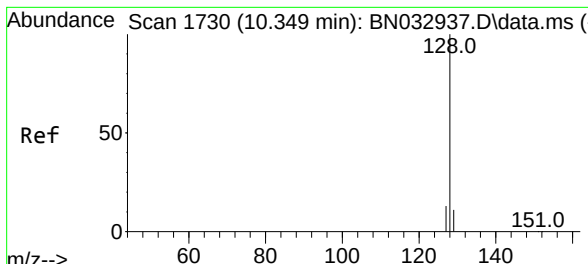
Instrument :
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A4BE8DL

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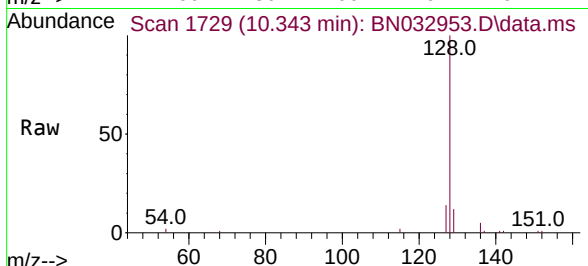
Quant Time: Jul 24 18:16:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.492 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.020 min
Lab File: BN032953.D
Acq: 24 Jul 2024 17:48

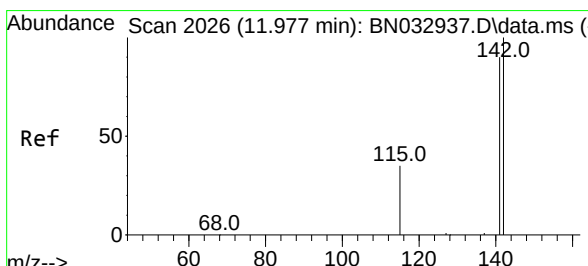
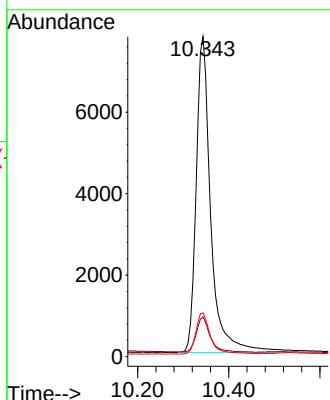
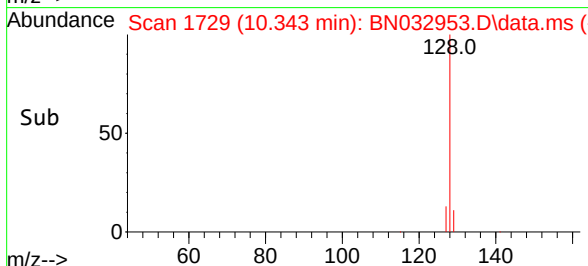
Instrument :
BNA_N
ClientSampleId :
A4BE8DL



Tgt Ion:128 Resp: 1719
Ion Ratio Lower Upper
128 100
129 12.4 10.0 15.0
127 13.7 11.6 17.4

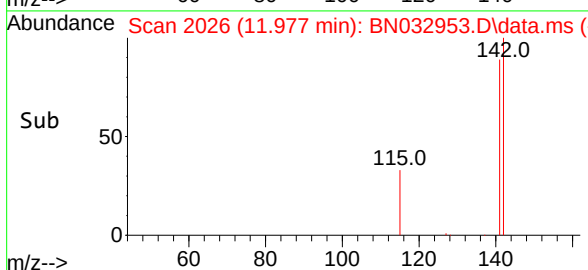
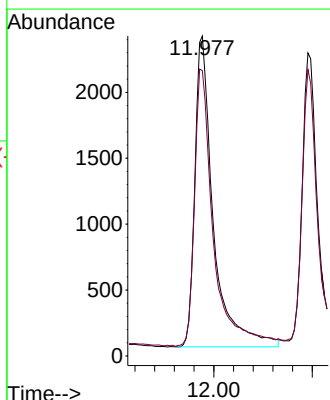
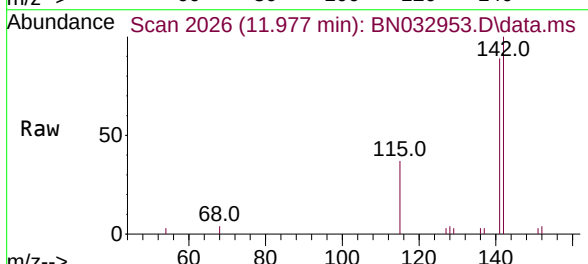
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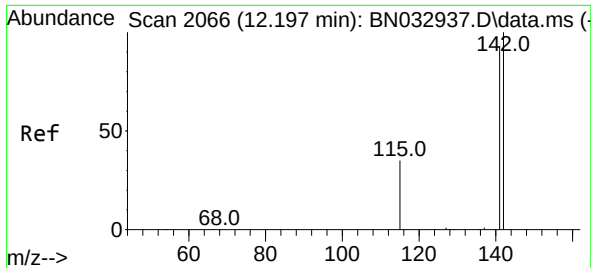
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#7
2-Methylnaphthalene
Concen: 0.282 ng/ul
RT: 11.977 min Scan# 2026
Delta R.T. -0.020 min
Lab File: BN032953.D
Acq: 24 Jul 2024 17:48

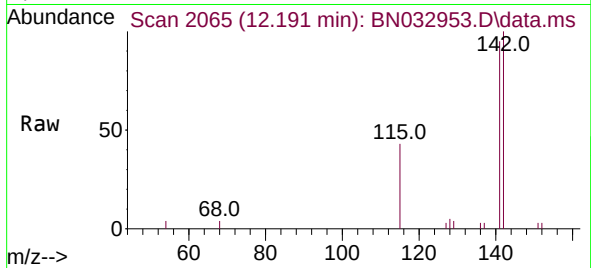
Tgt Ion:142 Resp: 6160
Ion Ratio Lower Upper
142 100
141 90.4 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.209 ng/ul
RT: 12.191 min Scan# 2065
Delta R.T. -0.020 min
Lab File: BN032953.D
Acq: 24 Jul 2024 17:48

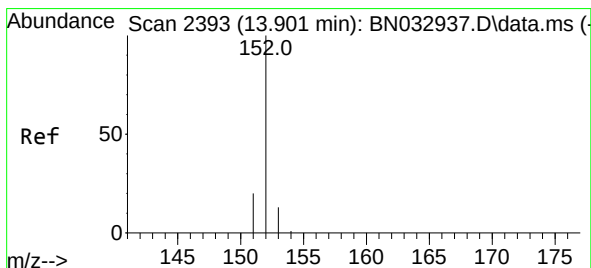
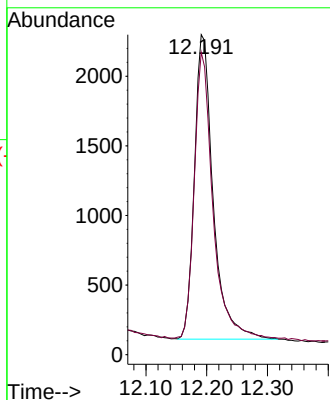
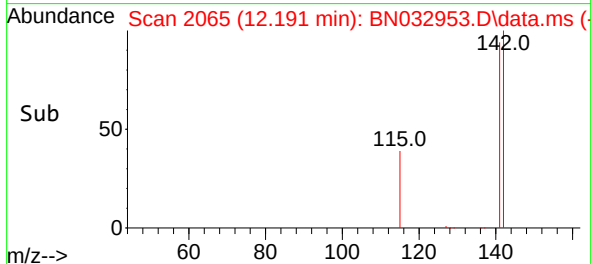
Instrument :
BNA_N
ClientSampleId :
A4BE8DL



Tgt Ion:142 Resp: 4709
Ion Ratio Lower Upper
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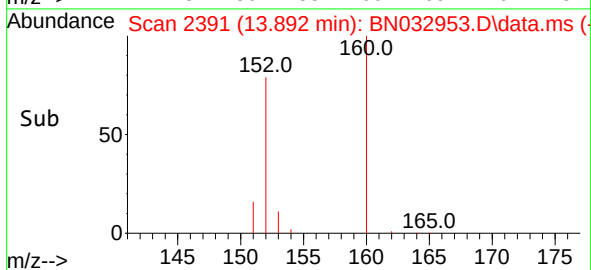
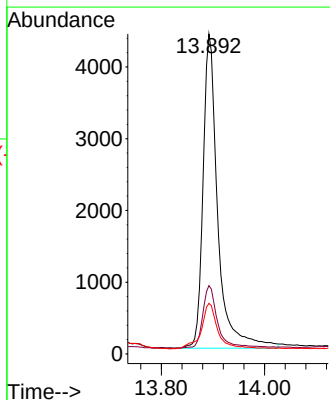
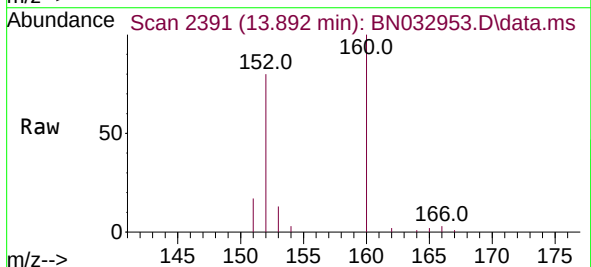
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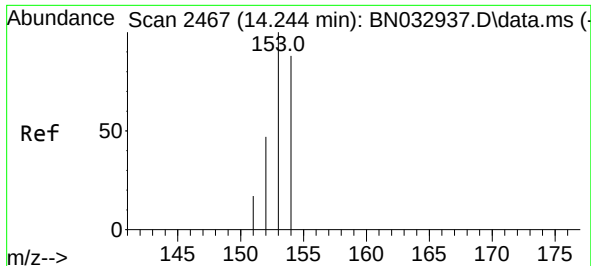
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.314 ng/ul
RT: 13.892 min Scan# 2391
Delta R.T. -0.022 min
Lab File: BN032953.D
Acq: 24 Jul 2024 17:48

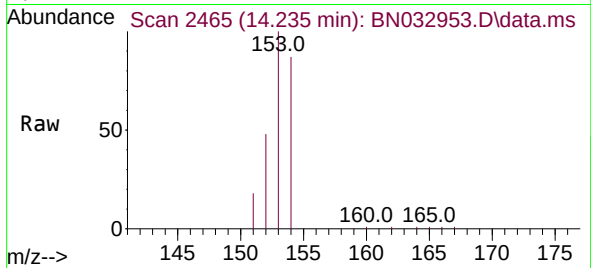
Tgt Ion:152 Resp: 8669
Ion Ratio Lower Upper
152 100
151 21.4 16.3 24.5
153 15.8 11.3 16.9





#11
Acenaphthene
Concen: 1.130 ng/ul
RT: 14.235 min Scan# 2465
Delta R.T. -0.017 min
Lab File: BN032953.D
Acq: 24 Jul 2024 17:48

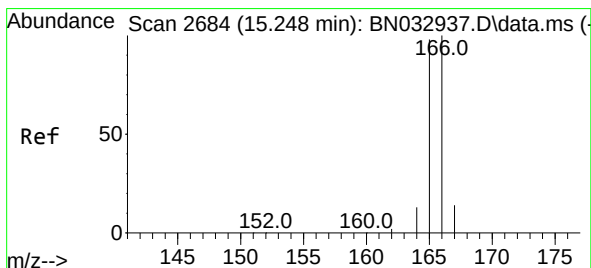
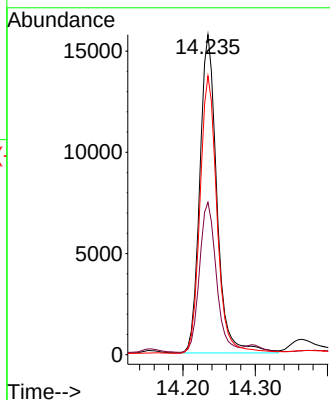
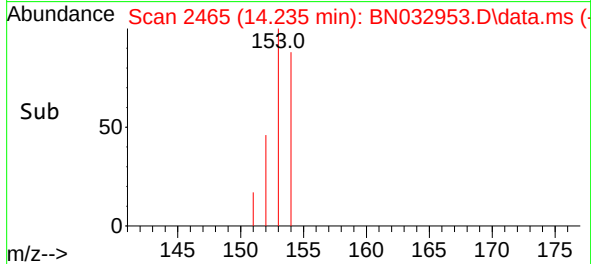
Instrument :
BNA_N
ClientSampleId :
A4BE8DL



Tgt Ion:153 Resp: 2583
Ion Ratio Lower Upper
153 100
152 47.6 40.0 60.0
154 87.1 70.2 105.4

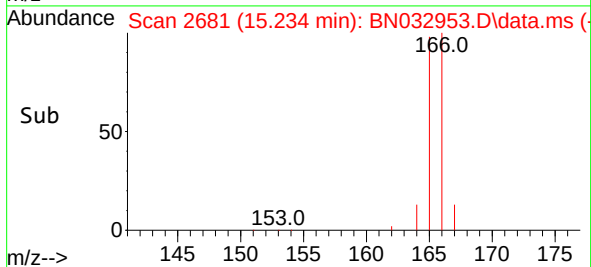
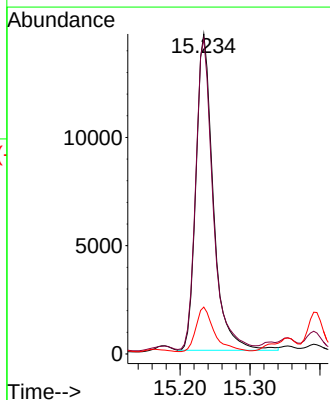
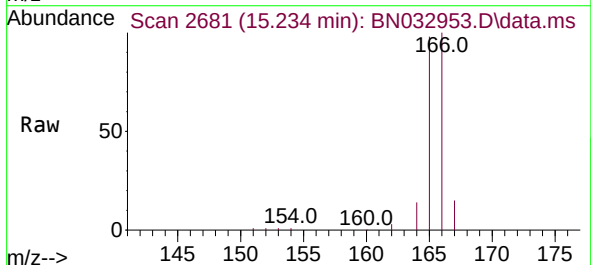
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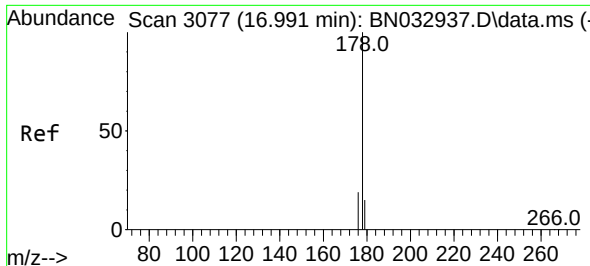
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.963 ng/ul
RT: 15.234 min Scan# 2681
Delta R.T. -0.026 min
Lab File: BN032953.D
Acq: 24 Jul 2024 17:48

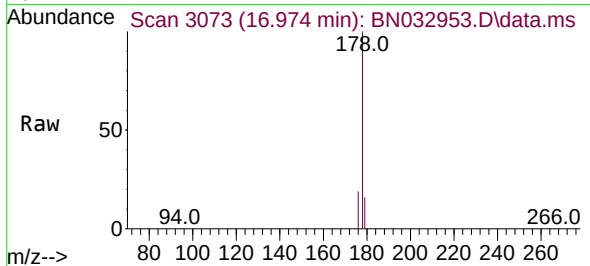
Tgt Ion:166 Resp: 25165
Ion Ratio Lower Upper
166 100
165 98.5 79.7 119.5
167 14.6 11.4 17.2





#15
Phenanthrene
Concen: 13.780 ng/ul
RT: 16.974 min Scan# 3077
Delta R.T. -0.028 min
Lab File: BN032953.D
Acq: 24 Jul 2024 17:48

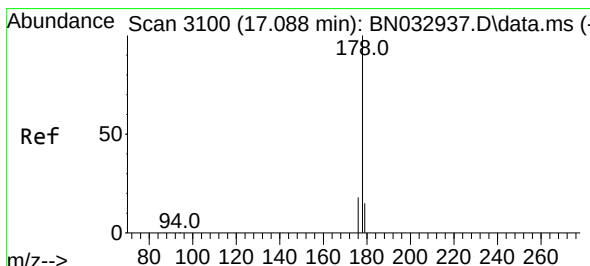
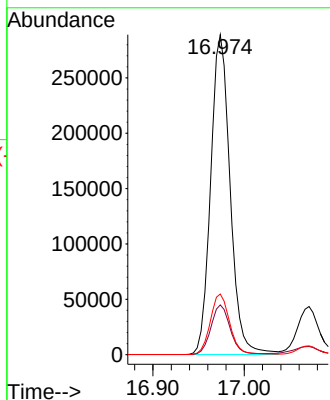
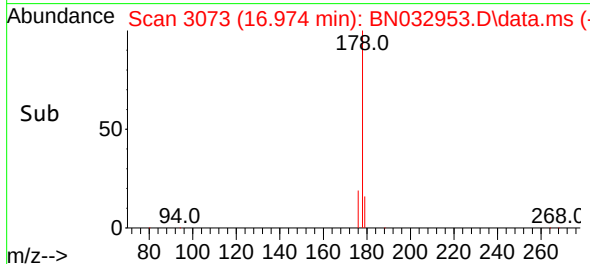
Instrument :
BNA_N
ClientSampleId :
A4BE8DL



Tgt Ion:178 Resp: 427370
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 19.0 15.6 23.4

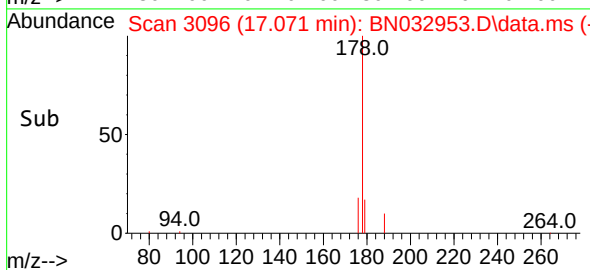
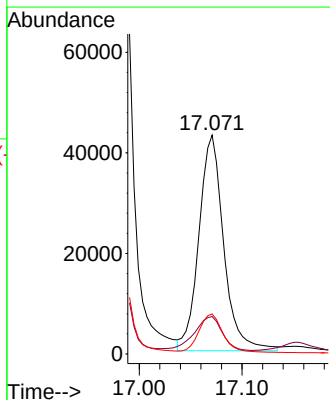
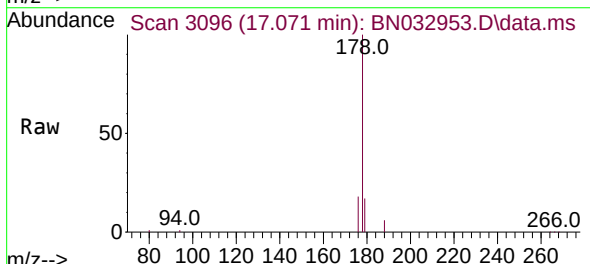
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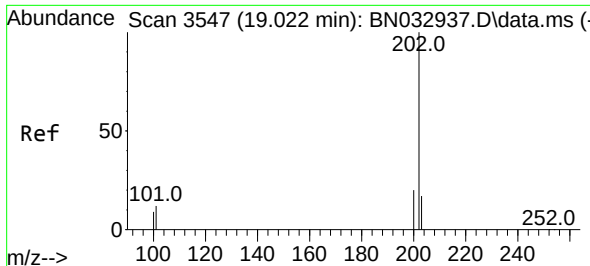
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#16
Anthracene
Concen: 2.848 ng/ul m
RT: 17.071 min Scan# 3096
Delta R.T. -0.028 min
Lab File: BN032953.D
Acq: 24 Jul 2024 17:48

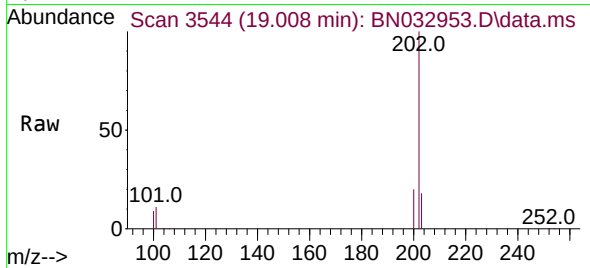
Tgt Ion:178 Resp: 72154
Ion Ratio Lower Upper
178 100
179 17.1 13.4 20.2
176 18.3 15.4 23.0





#19
Fluoranthene
Concen: 14.253 ng/ul
RT: 19.008 min Scan# 3544
Delta R.T. -0.017 min
Lab File: BN032953.D
Acq: 24 Jul 2024 17:48

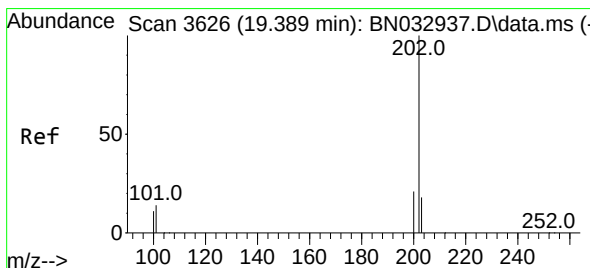
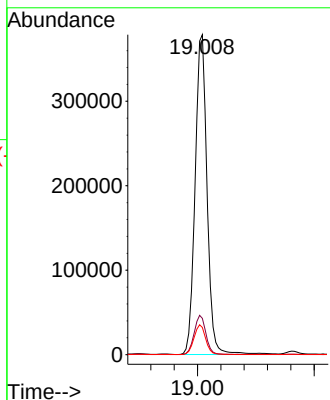
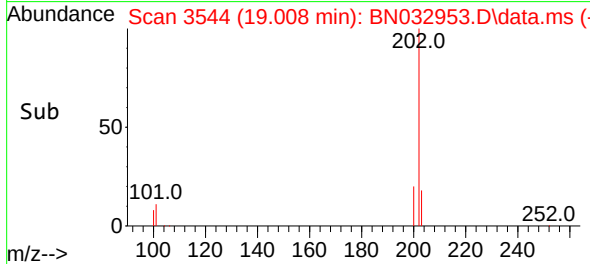
Instrument :
BNA_N
ClientSampleId :
A4BE8DL



Tgt Ion:202 Resp: 540435
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.8
100 8.5 7.9 11.9

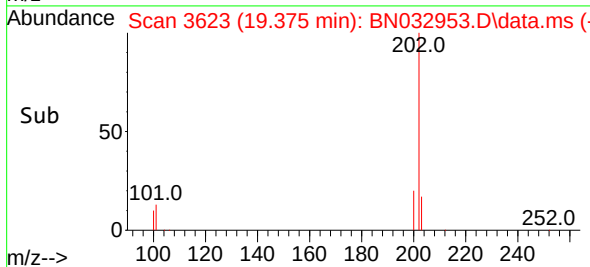
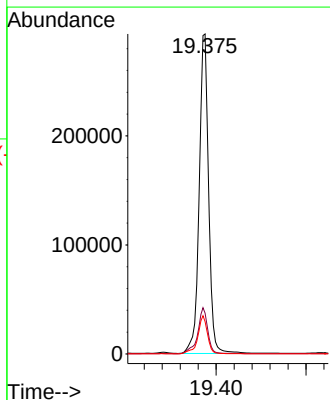
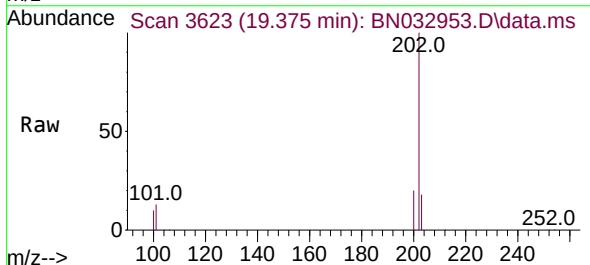
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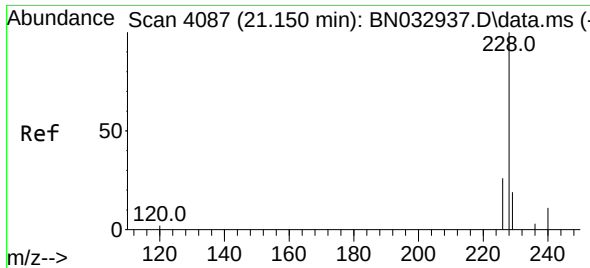
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 10.918 ng/ul
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032953.D
Acq: 24 Jul 2024 17:48

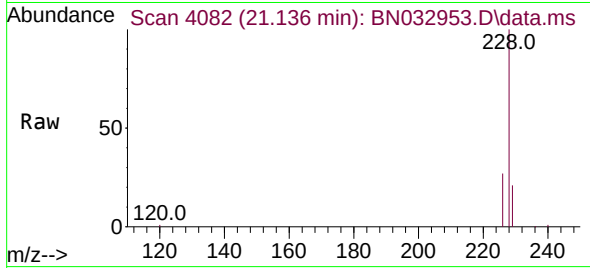
Tgt Ion:202 Resp: 428490
Ion Ratio Lower Upper
202 100
101 12.8 11.8 17.6
100 10.1 9.6 14.4





#21
Benzo(a)anthracene
Concen: 8.148 ng/ul
RT: 21.136 min Scan# 4087
Delta R.T. -0.015 min
Lab File: BN032953.D
Acq: 24 Jul 2024 17:48

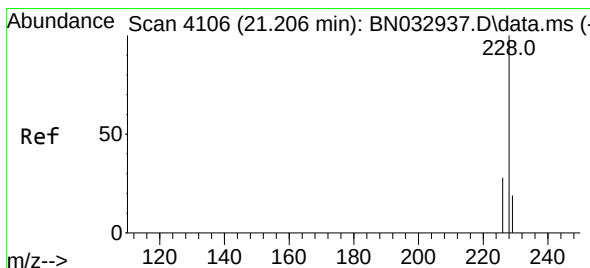
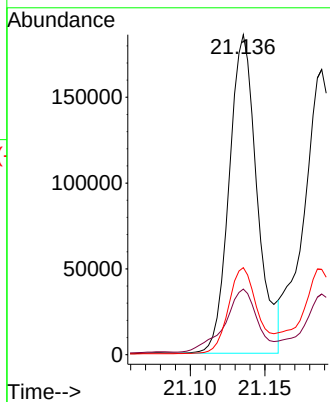
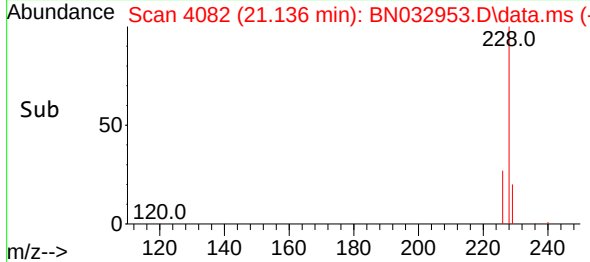
Instrument :
BNA_N
ClientSampleId :
A4BE8DL



Tgt Ion:228 Resp: 241874
Ion Ratio Lower Upper
228 100
229 20.5 16.1 24.1
226 27.2 21.9 32.9

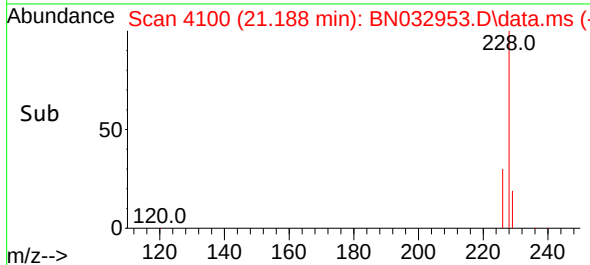
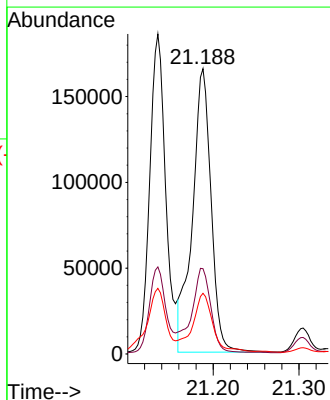
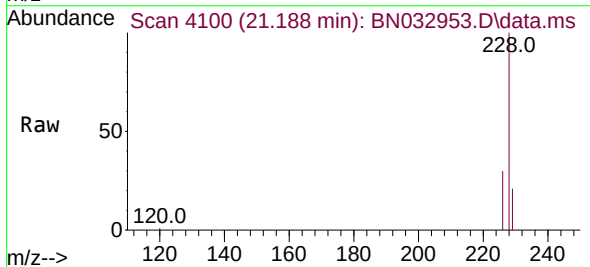
Manual Integrations
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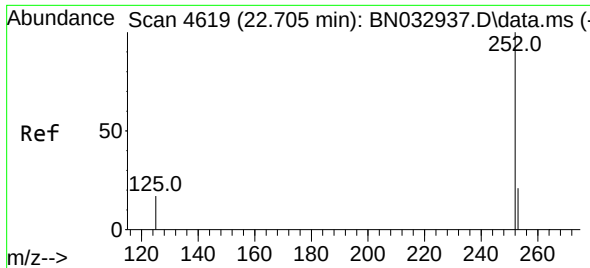
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 5.824 ng/ul
RT: 21.188 min Scan# 4100
Delta R.T. -0.015 min
Lab File: BN032953.D
Acq: 24 Jul 2024 17:48

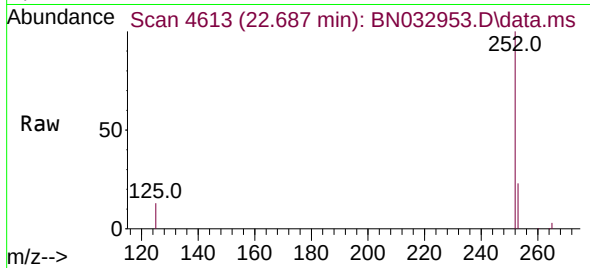
Tgt Ion:228 Resp: 250128
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 21.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 7.829 ng/ul m
RT: 22.687 min Scan# 4613
Delta R.T. -0.012 min
Lab File: BN032953.D
Acq: 24 Jul 2024 17:48

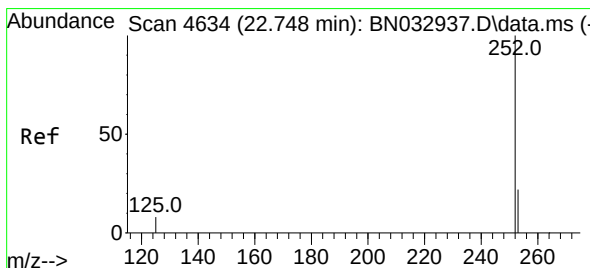
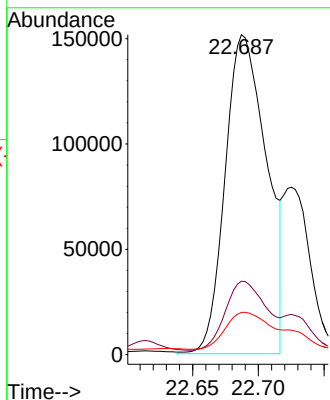
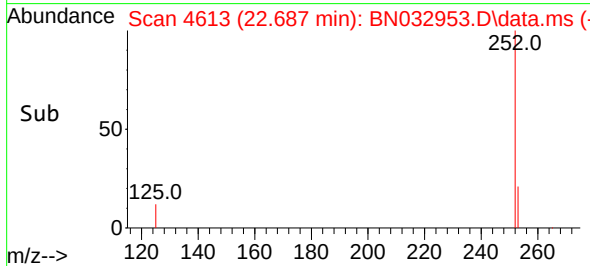
Instrument :
BNA_N
ClientSampleId :
A4BE8DL



Tgt Ion:252 Resp: 331964
Ion Ratio Lower Upper
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125 13.2 0.0 36.0

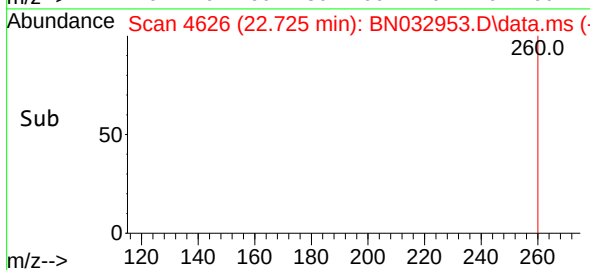
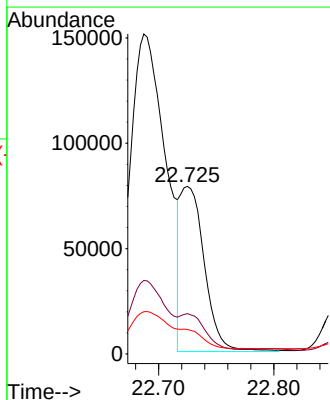
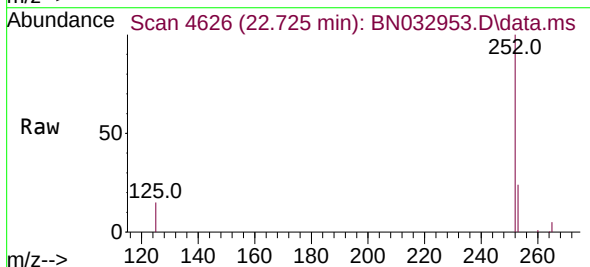
Manual Integrations
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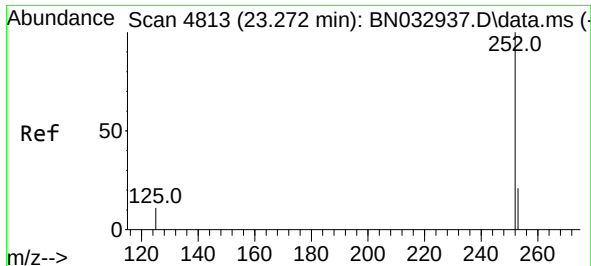
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#25
Benzo(k)fluoranthene
Concen: 2.204 ng/ul m
RT: 22.725 min Scan# 4626
Delta R.T. -0.015 min
Lab File: BN032953.D
Acq: 24 Jul 2024 17:48

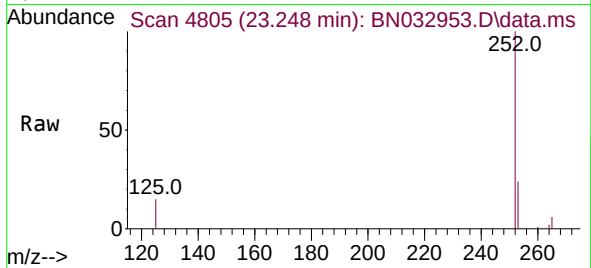
Tgt Ion:252 Resp: 113893
Ion Ratio Lower Upper
252 100
253 24.0 21.2 31.8
125 14.6 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 3.623 ng/ul
RT: 23.248 min Scan# 4813
Delta R.T. -0.015 min
Lab File: BN032953.D
Acq: 24 Jul 2024 17:48

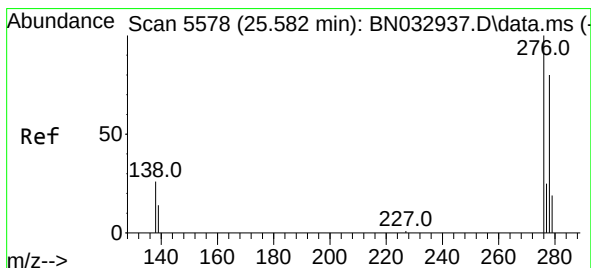
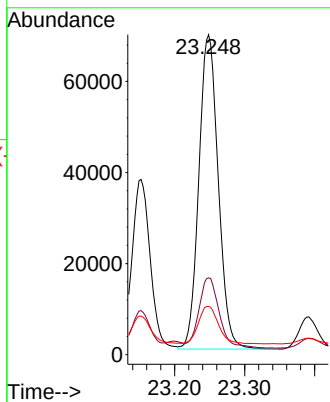
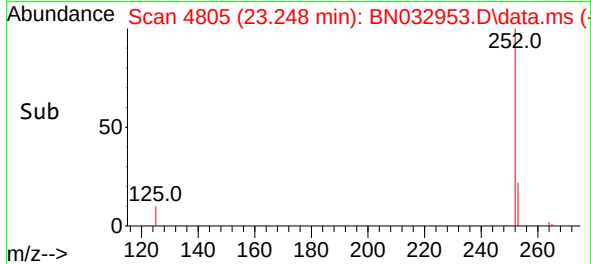
Instrument :
BNA_N
ClientSampleId :
A4BE8DL



Tgt Ion:252 Resp: 132943
Ion Ratio Lower Upper
252 100
253 24.0 25.4 38.0
125 15.1 20.6 30.8

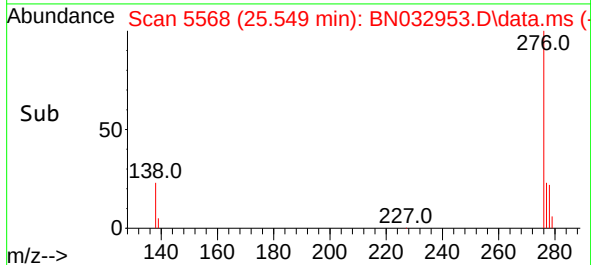
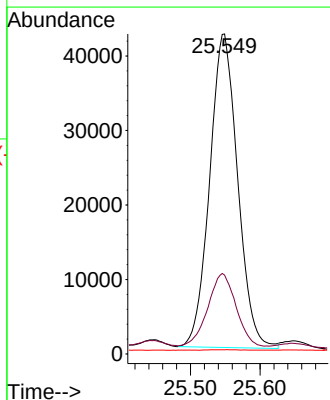
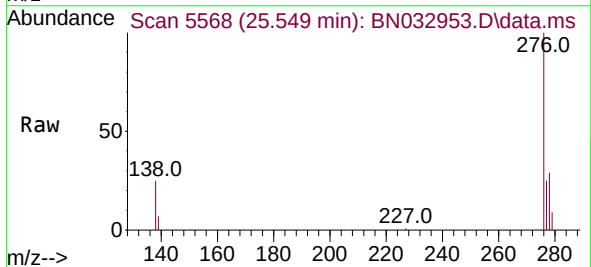
Manual Integrations
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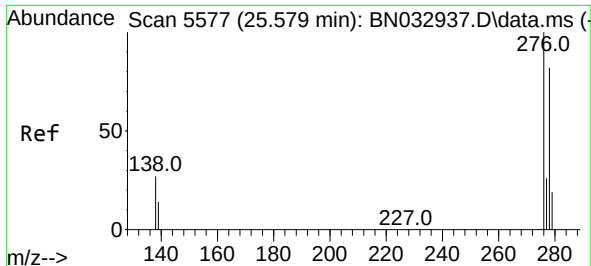
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.372 ng/ul
RT: 25.549 min Scan# 5568
Delta R.T. -0.020 min
Lab File: BN032953.D
Acq: 24 Jul 2024 17:48

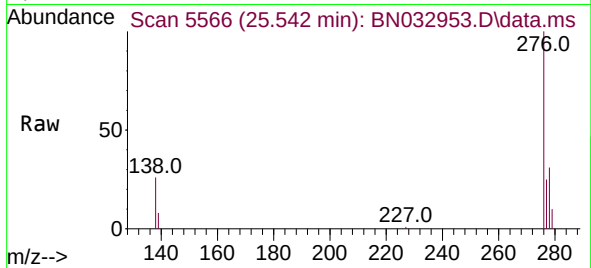
Tgt Ion:276 Resp: 117833
Ion Ratio Lower Upper
276 100
138 23.6 21.6 32.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.056 ng/ul
RT: 25.542 min Scan# 5566
Delta R.T. -0.027 min
Lab File: BN032953.D
Acq: 24 Jul 2024 17:48

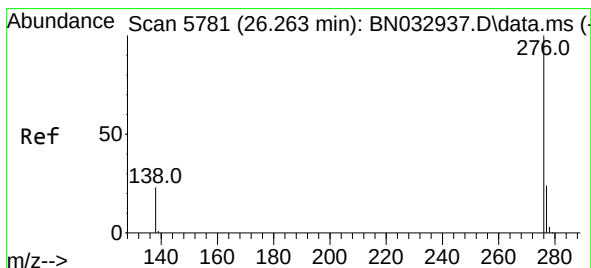
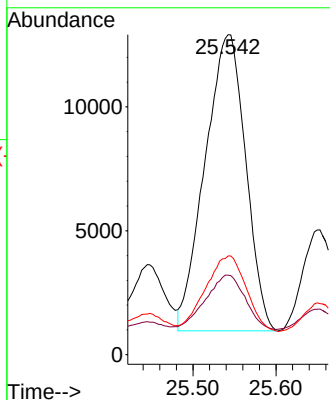
Instrument :
BNA_N
ClientSampleId :
A4BE8DL



Tgt Ion:278 Resp: 4068
Ion Ratio Lower Upper
278 100
139 24.9 16.6 24.8
279 30.9 23.7 35.5

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Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.410 ng/ul
RT: 26.230 min Scan# 5771
Delta R.T. -0.020 min
Lab File: BN032953.D
Acq: 24 Jul 2024 17:48

Tgt Ion:276 Resp: 17017
Ion Ratio Lower Upper
276 100
138 36.3 21.0 31.4#
277 34.9 20.6 31.0#

