

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032369.D
 Acq On : 01 Jul 2024 19:31
 Operator : MA/JU
 Sample : P2934-06MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B72MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 01 23:45:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	6090	0.400	ng/ul	0.00
4) Naphthalene-d8	10.386	136	19159	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.256	164	10710	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.011	188	18775	0.400	ng/ul	-0.01
17) Chrysene-d12	21.213	240	12827	0.400	ng/ul	#-0.01
23) Perylene-d12	23.428	264	16852	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	3391	0.501	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.981	152	9594	0.334	ng/ul	-0.02
18) Fluoranthene-d10	19.044	212	16055	0.416	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	7520	0.976	ng/ul	94
5) Naphthalene	10.436	128	32906	0.649	ng/ul	100
7) 2-Methylnaphthalene	12.058	142	17308	0.515	ng/ul	99
8) 1-Methylnaphthalene	12.278	142	15646	0.449	ng/ul	99
10) Acenaphthylene	13.974	152	74533	1.673	ng/ul	99
11) Acenaphthene	14.317	153	21708	0.628	ng/ul	99
12) Fluorene	15.311	166	28050	0.681	ng/ul	99
14) Pentachlorophenol	16.669	266	3598	0.847	ng/ul	98
15) Phenanthrene	17.049	178	449468	8.732	ng/ul	99
16) Anthracene	17.141	178	120020	2.614	ng/ul	100
19) Fluoranthene	19.077	202	780887	15.987	ng/ul	99
20) Pyrene	19.444	202	585009	11.461	ng/ul	97
21) Benzo(a)anthracene	21.196	228	377663	8.158	ng/ul	98
22) Chrysene	21.248	228	362397	7.132	ng/ul	97
24) Benzo(b)fluoranthene	22.765	252	526565m	7.192	ng/ul	
25) Benzo(k)fluoranthene	22.803	252	174061m	2.447	ng/ul	
26) Benzo(a)pyrene	23.332	252	220770	4.334	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.662	276	216381	2.713	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.668	278	81791	1.380	ng/ul#	89
29) Benzo(g,h,i)perylene	26.353	276	32938	0.518	ng/ul#	84

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

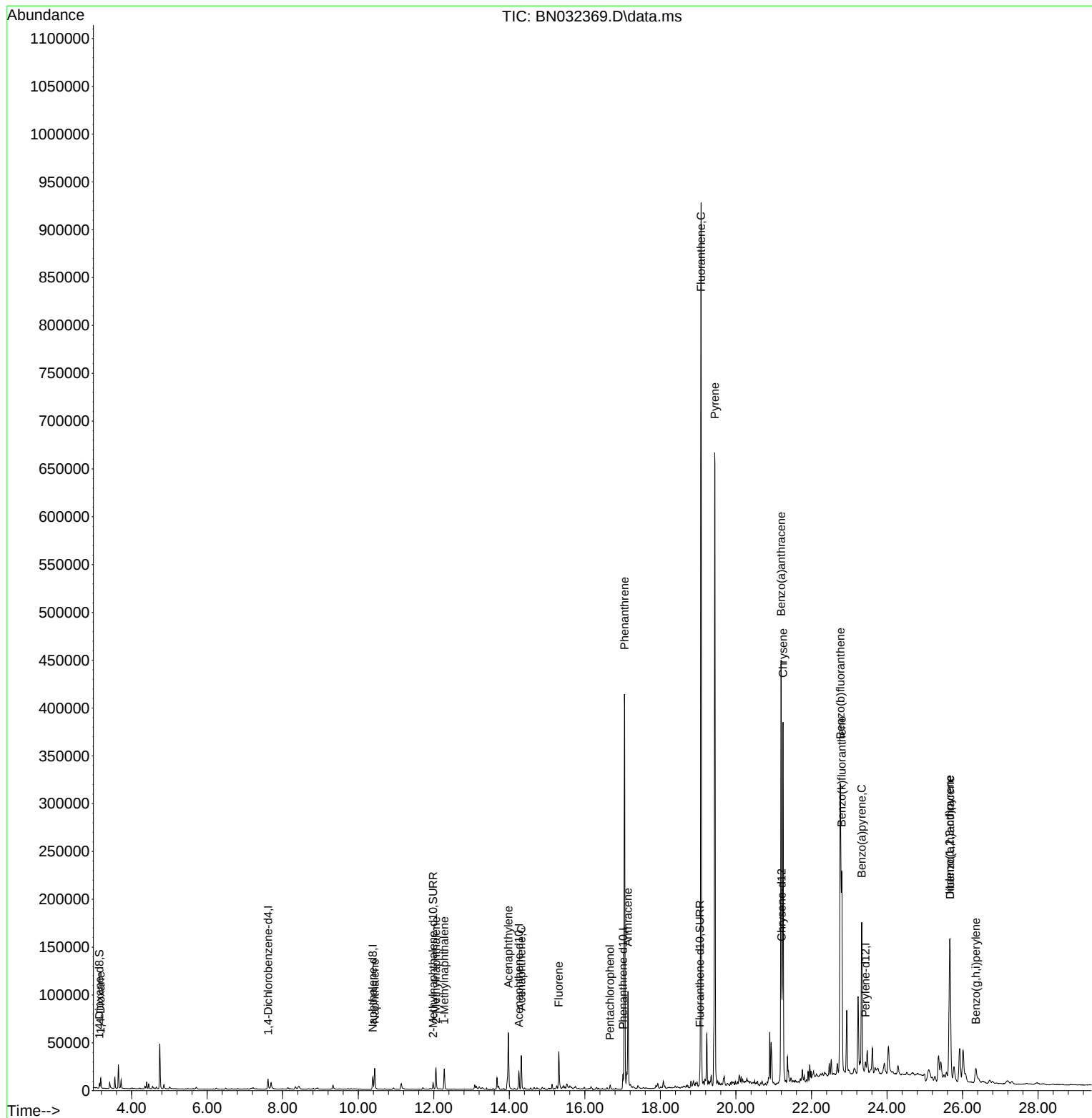
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032369.D
Acq On : 01 Jul 2024 19:31
Operator : MA/JU
Sample : P2934-06MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

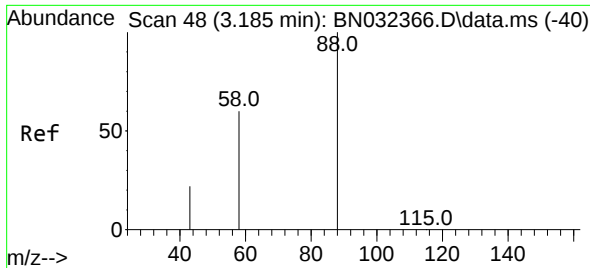
Instrument :
BNA_N
ClientSampleId :
A4B72MS

Manual Integrations
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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

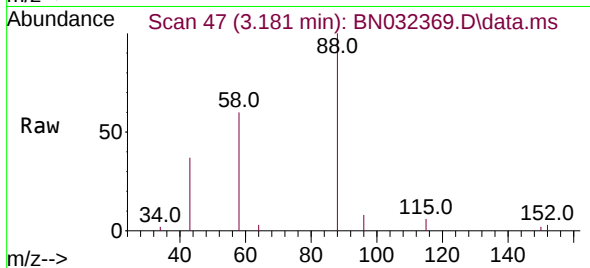
Quant Time: Jul 01 23:45:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.976 ng/ul
RT: 3.181 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN032369.D
Acq: 01 Jul 2024 19:31

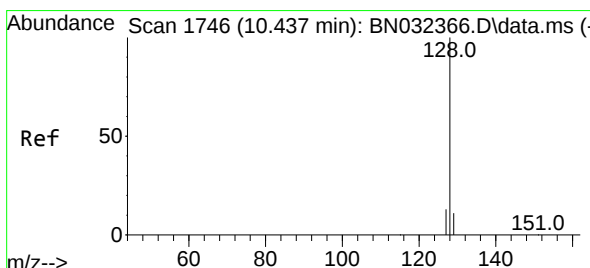
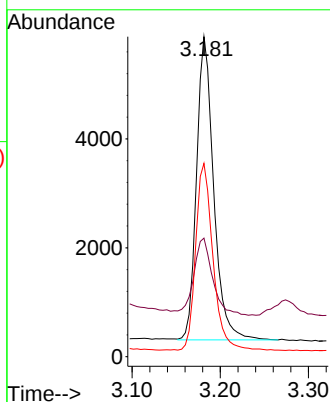
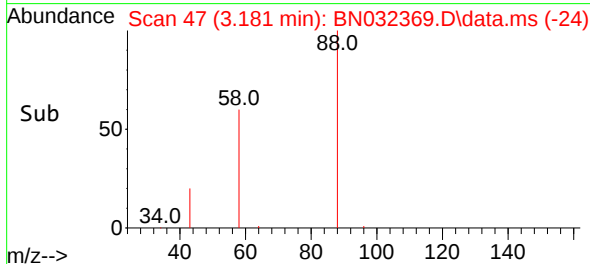
Instrument :
BNA_N
ClientSampleId :
A4B72MS



Tgt Ion: 88 Resp: 7520
Ion Ratio Lower Upper
88 100
43 37.0 28.4 42.6
58 60.4 43.3 64.9

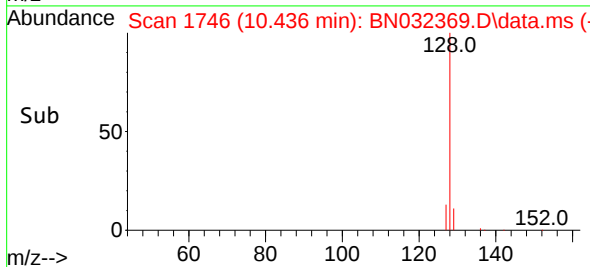
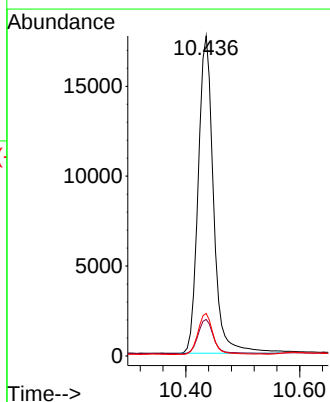
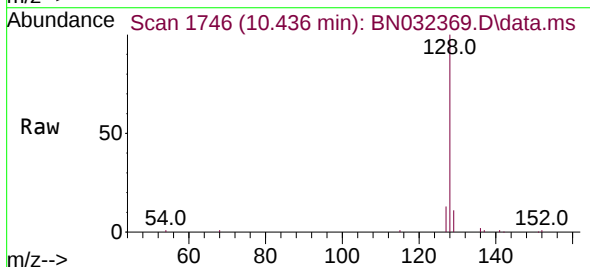
Manual Integrations
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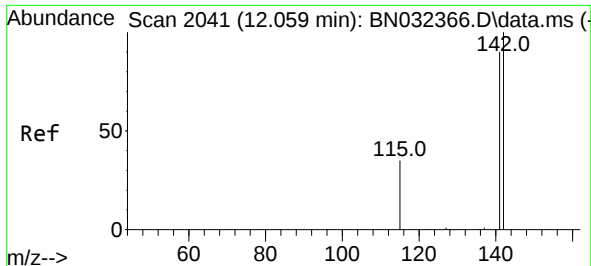
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#5
Naphthalene
Concen: 0.649 ng/ul
RT: 10.436 min Scan# 1746
Delta R.T. -0.012 min
Lab File: BN032369.D
Acq: 01 Jul 2024 19:31

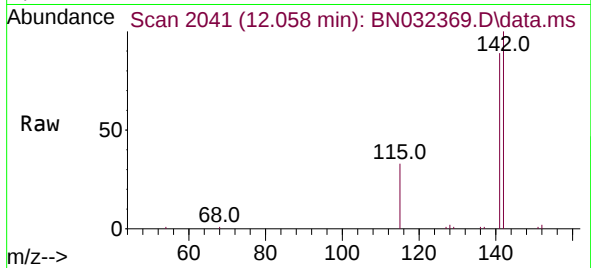
Tgt Ion:128 Resp: 32906
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.3 10.8 16.2





#7
2-Methylnaphthalene
Concen: 0.515 ng/ul
RT: 12.058 min Scan# 2041
Delta R.T. -0.018 min
Lab File: BN032369.D
Acq: 01 Jul 2024 19:31

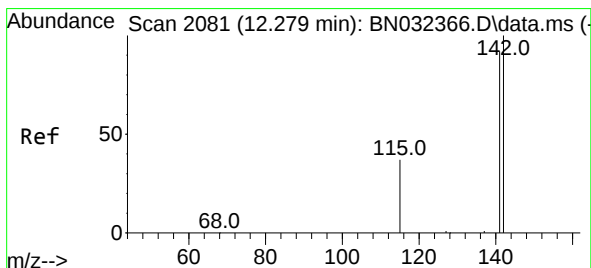
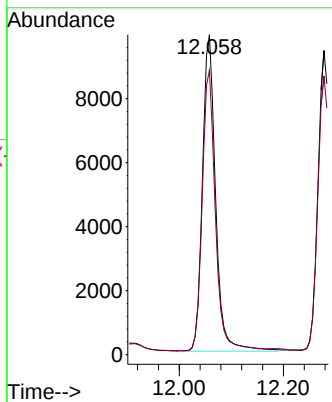
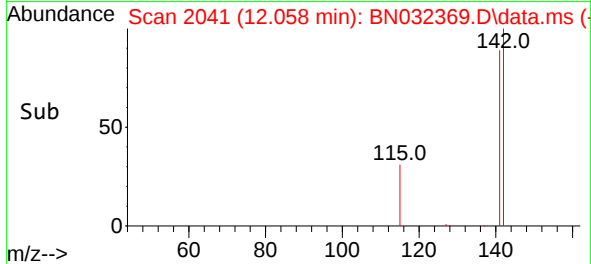
Instrument :
BNA_N
ClientSampleId :
A4B72MS



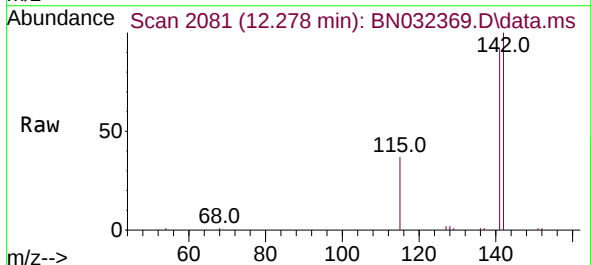
Tgt Ion:142 Resp: 17308
Ion Ratio Lower Upper
142 100
141 89.4 72.2 108.2

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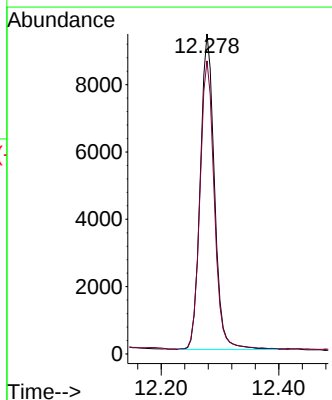
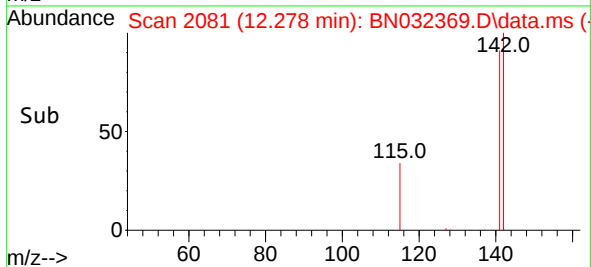
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

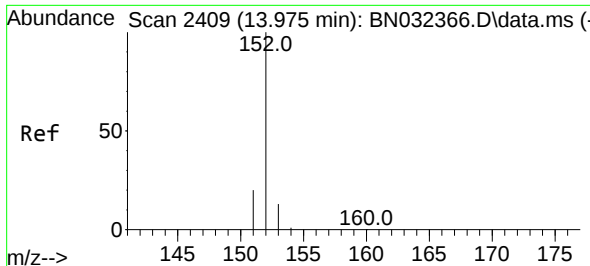


#8
1-Methylnaphthalene
Concen: 0.449 ng/ul
RT: 12.278 min Scan# 2081
Delta R.T. -0.018 min
Lab File: BN032369.D
Acq: 01 Jul 2024 19:31



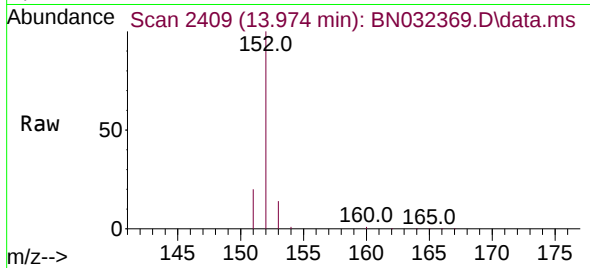
Tgt Ion:142 Resp: 15646
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.0





#10
Acenaphthylene
Concen: 1.673 ng/ul
RT: 13.974 min Scan# 2409
Delta R.T. -0.015 min
Lab File: BN032369.D
Acq: 01 Jul 2024 19:31

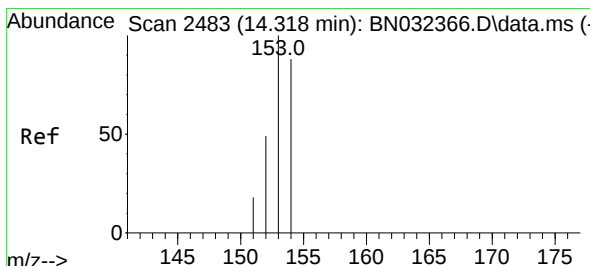
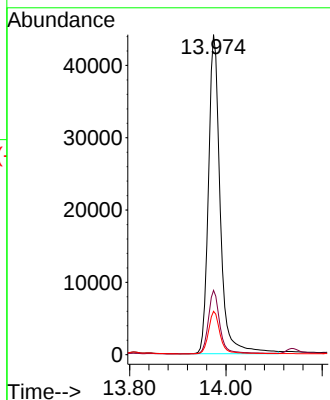
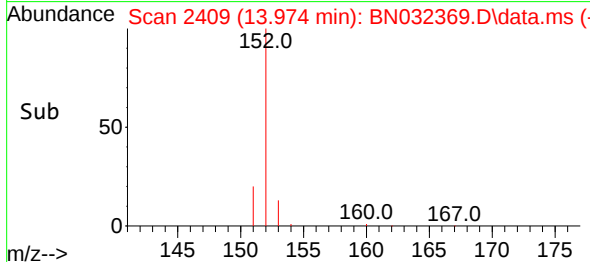
Instrument :
BNA_N
ClientSampleId :
A4B72MS



Tgt Ion:152 Resp: 7453
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.5 10.9 16.3

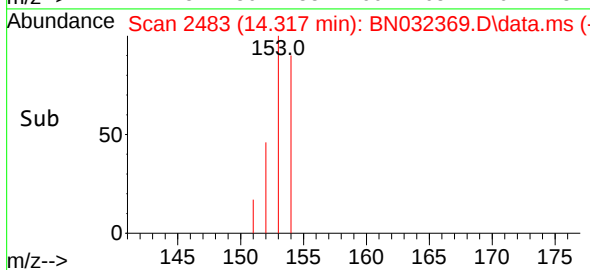
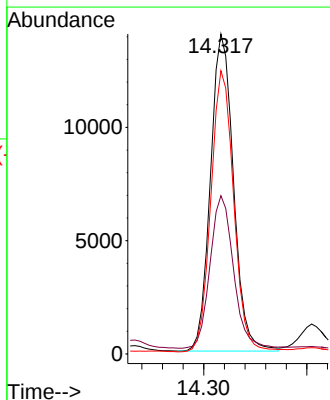
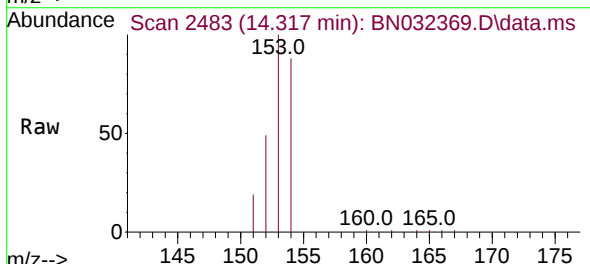
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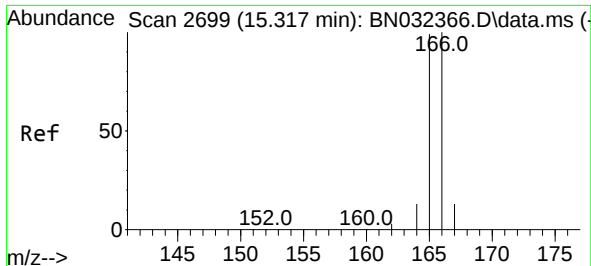
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#11
Acenaphthene
Concen: 0.628 ng/ul
RT: 14.317 min Scan# 2483
Delta R.T. -0.015 min
Lab File: BN032369.D
Acq: 01 Jul 2024 19:31

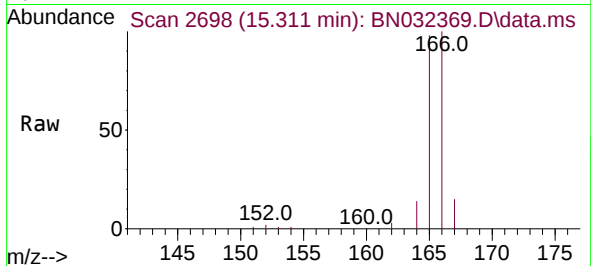
Tgt Ion:153 Resp: 21708
Ion Ratio Lower Upper
153 100
152 49.4 39.5 59.3
154 88.5 71.7 107.5





#12
Fluorene
Concen: 0.681 ng/ul
RT: 15.311 min Scan# 20
Delta R.T. -0.015 min
Lab File: BN032369.D
Acq: 01 Jul 2024 19:31

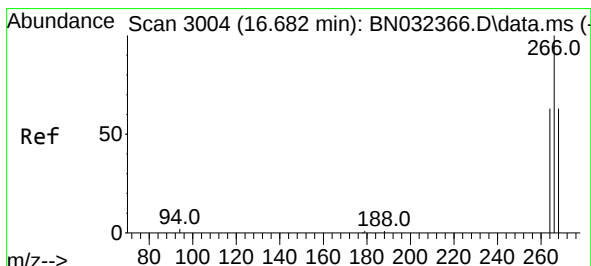
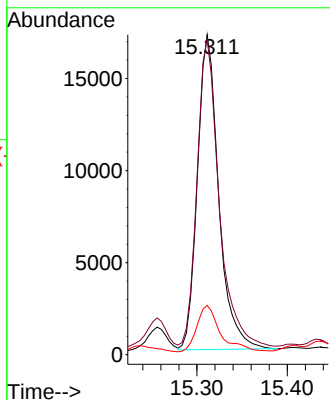
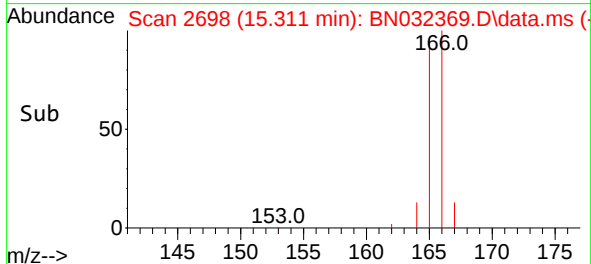
Instrument :
BNA_N
ClientSampleId :
A4B72MS



Tgt Ion:166 Resp: 28050
Ion Ratio Lower Upper
166 100
165 98.4 79.0 118.6
167 15.4 11.0 16.6

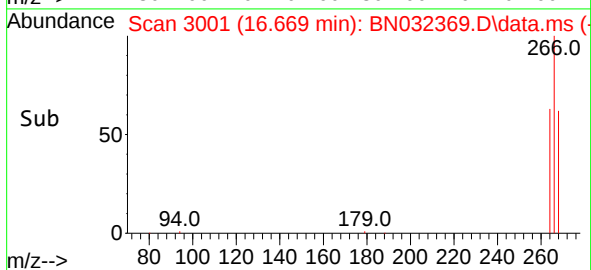
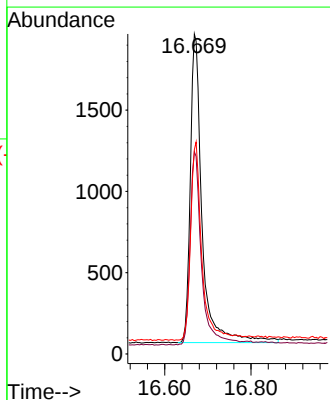
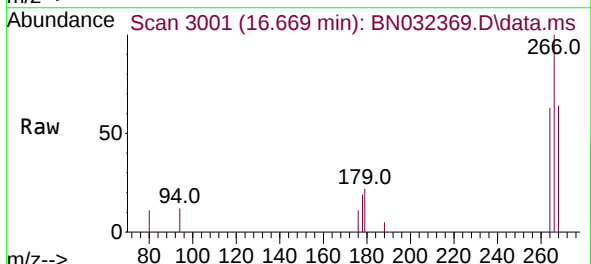
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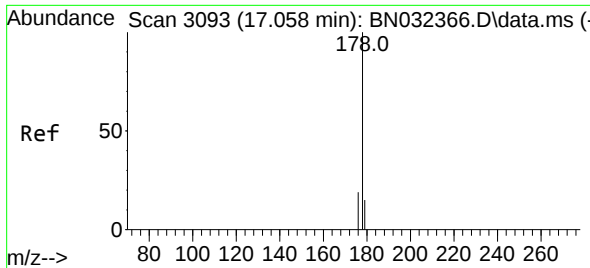
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#14
Pentachlorophenol
Concen: 0.847 ng/ul
RT: 16.669 min Scan# 3001
Delta R.T. -0.031 min
Lab File: BN032369.D
Acq: 01 Jul 2024 19:31

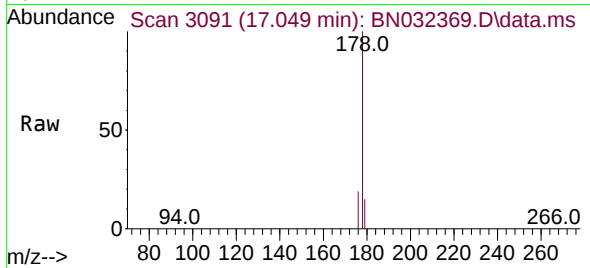
Tgt Ion:266 Resp: 3598
Ion Ratio Lower Upper
266 100
264 63.2 49.9 74.9
268 62.8 52.4 78.6





#15
Phenanthrene
Concen: 8.732 ng/ul
RT: 17.049 min Scan# 3091
Delta R.T. -0.018 min
Lab File: BN032369.D
Acq: 01 Jul 2024 19:31

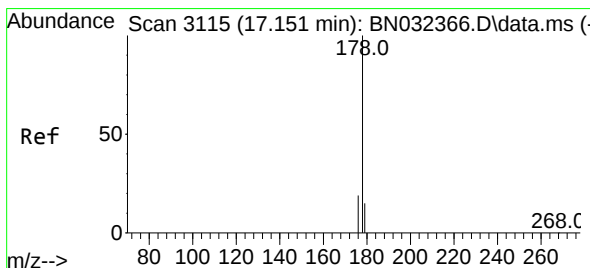
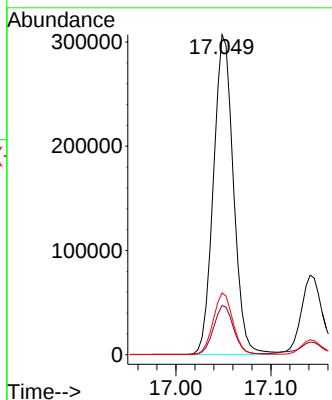
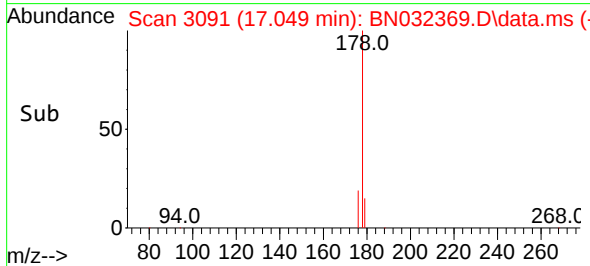
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A4B72MS



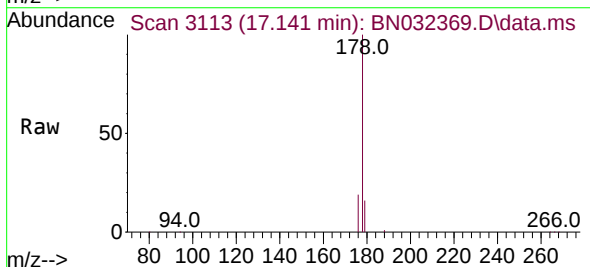
Tgt Ion:178 Resp: 449468
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.3 15.6 23.4

Manual Integrations
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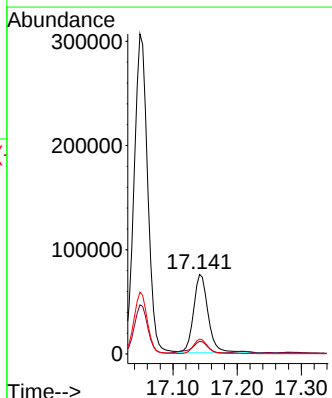
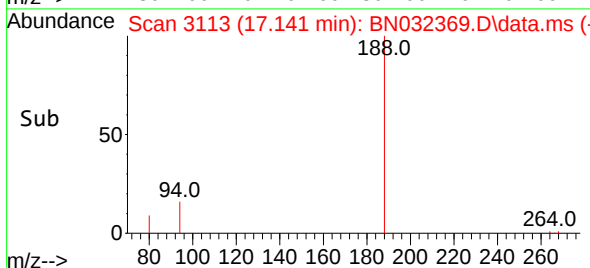
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

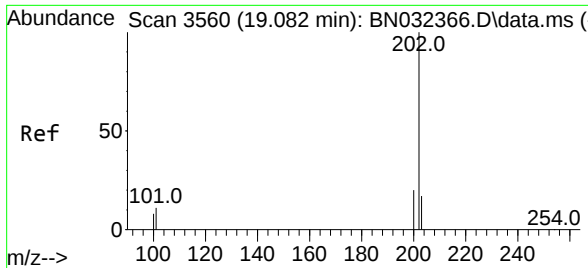


#16
Anthracene
Concen: 2.614 ng/ul
RT: 17.141 min Scan# 3113
Delta R.T. -0.018 min
Lab File: BN032369.D
Acq: 01 Jul 2024 19:31



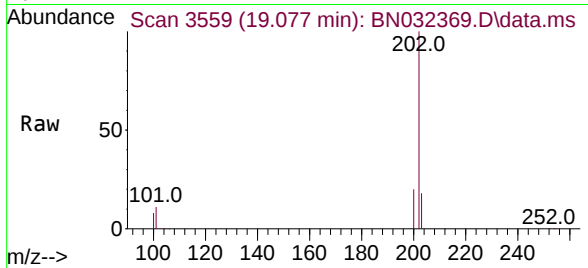
Tgt Ion:178 Resp: 120020
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 18.7 15.0 22.6





#19
Fluoranthene
Concen: 15.987 ng/ul
RT: 19.077 min Scan# 3559
Delta R.T. -0.015 min
Lab File: BN032369.D
Acq: 01 Jul 2024 19:31

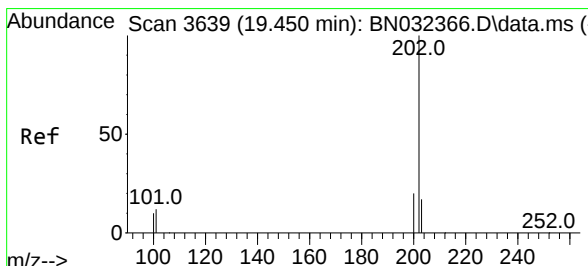
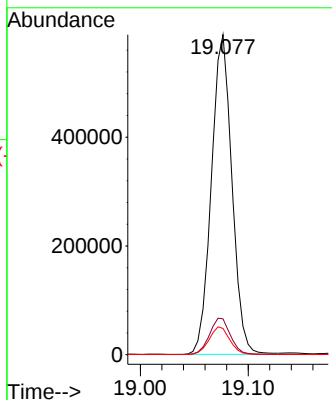
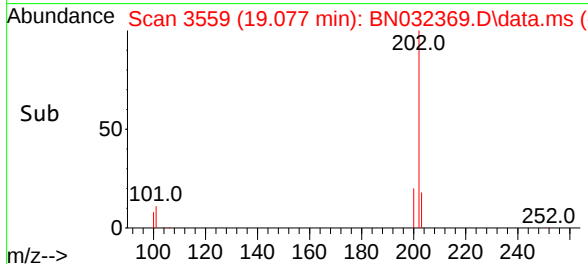
Instrument :
BNA_N
ClientSampleId :
A4B72MS



Tgt Ion:202 Resp: 78088
Ion Ratio Lower Upper
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101 11.2 8.8 13.2
100 8.2 6.4 9.6

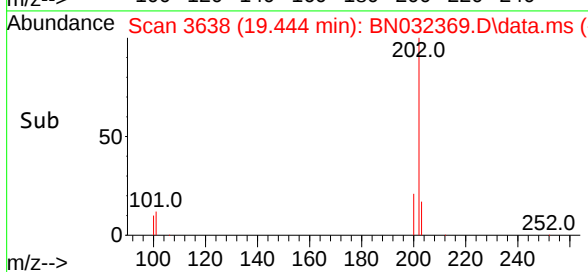
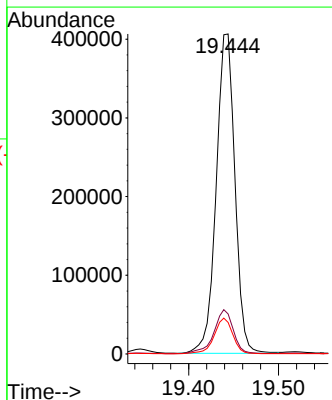
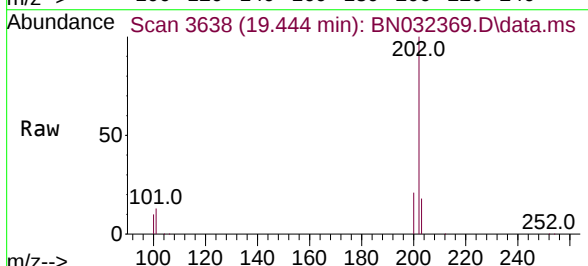
Manual Integrations
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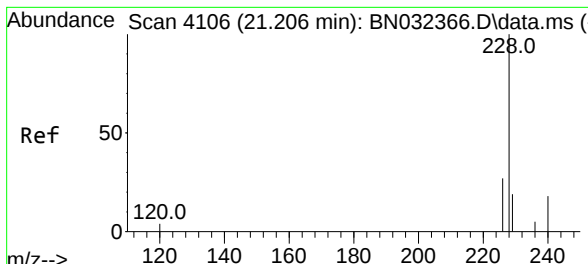
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 11.461 ng/ul
RT: 19.444 min Scan# 3638
Delta R.T. -0.011 min
Lab File: BN032369.D
Acq: 01 Jul 2024 19:31

Tgt Ion:202 Resp: 585009
Ion Ratio Lower Upper
202 100
101 12.5 11.0 16.4
100 9.9 8.7 13.1





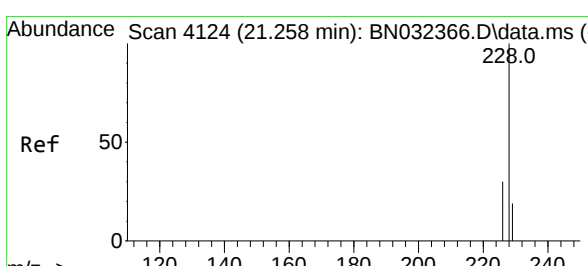
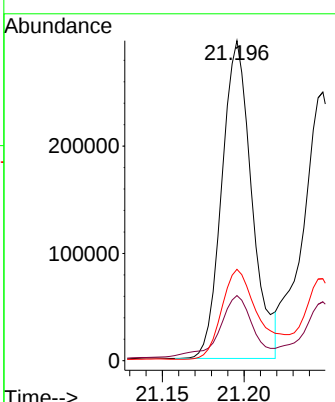
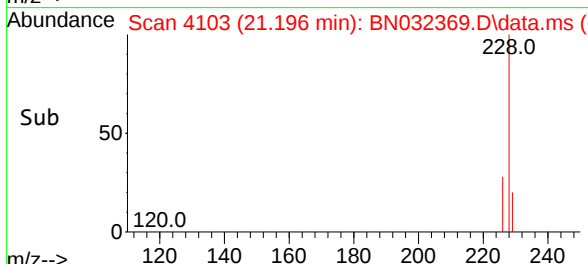
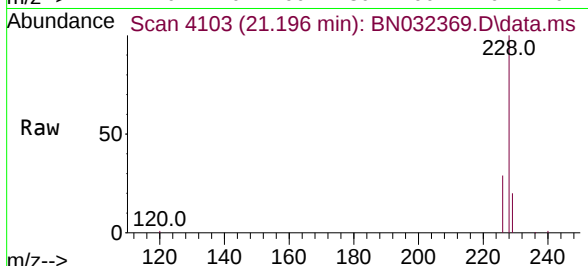
#21
 Benzo(a)anthracene
 Concen: 8.158 ng/ul
 RT: 21.196 min Scan# 4103
 Delta R.T. -0.019 min
 Lab File: BN032369.D
 Acq: 01 Jul 2024 19:31

Instrument : BNA_N
 ClientSampleId : A4B72MS

Tgt Ion:228 Resp: 37766

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	28.6	21.8	32.8

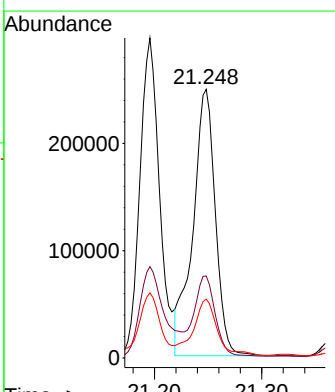
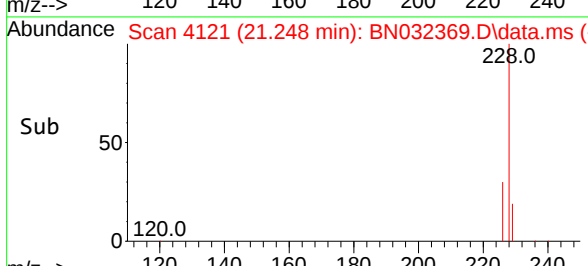
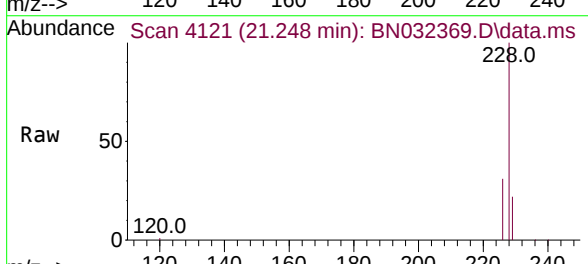
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

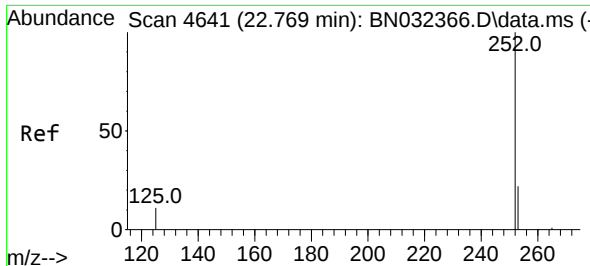


#22
 Chrysene
 Concen: 7.132 ng/ul
 RT: 21.248 min Scan# 4121
 Delta R.T. -0.019 min
 Lab File: BN032369.D
 Acq: 01 Jul 2024 19:31

Tgt Ion:228 Resp: 362397

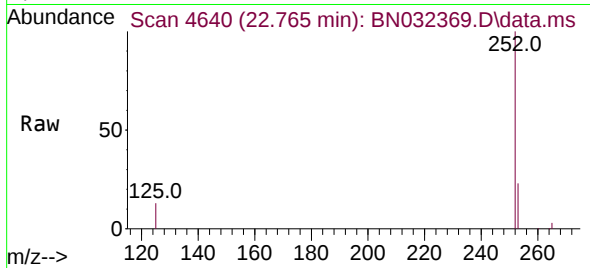
Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.6	35.4
229	21.9	15.7	23.5





#24
Benzo(b)fluoranthene
Concen: 7.192 ng/ul m
RT: 22.765 min Scan# 4640
Delta R.T. -0.019 min
Lab File: BN032369.D
Acq: 01 Jul 2024 19:31

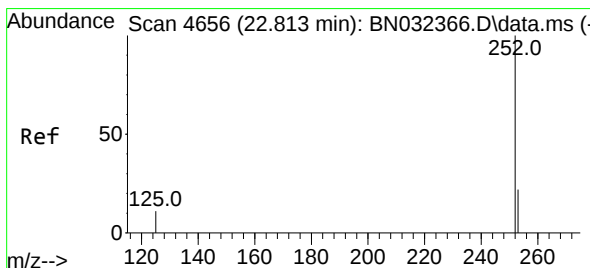
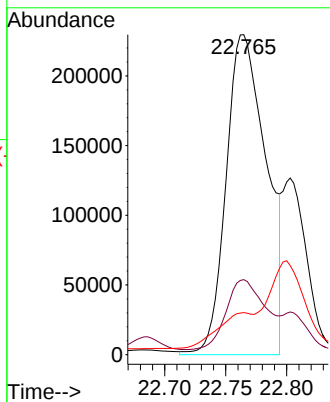
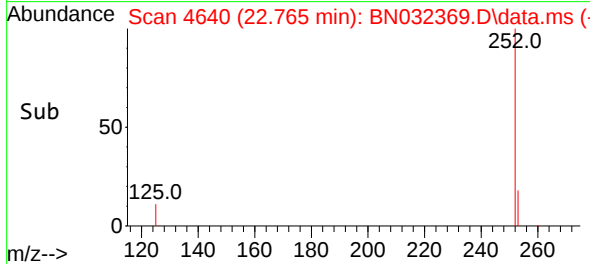
Instrument :
BNA_N
ClientSampleId :
A4B72MS



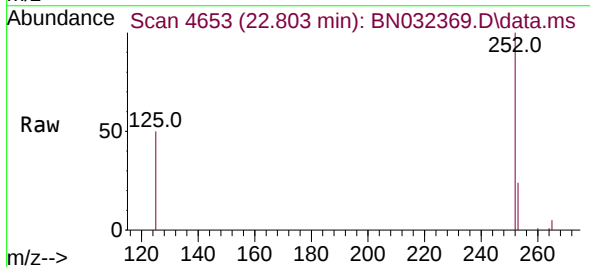
Tgt Ion:252 Resp: 52656
Ion Ratio Lower Upper
252 100
253 23.4 0.0 50.2
125 13.2 0.0 32.0

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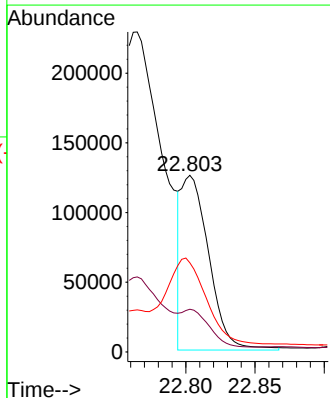
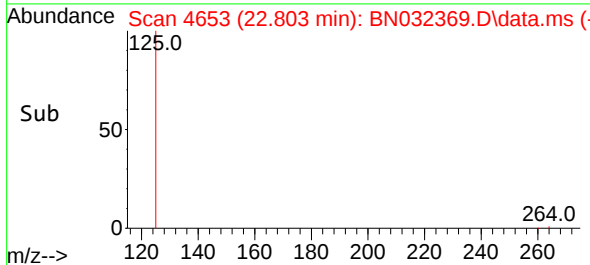
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

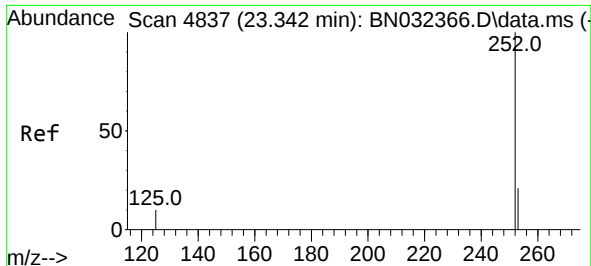


#25
Benzo(k)fluoranthene
Concen: 2.447 ng/ul m
RT: 22.803 min Scan# 4653
Delta R.T. -0.025 min
Lab File: BN032369.D
Acq: 01 Jul 2024 19:31



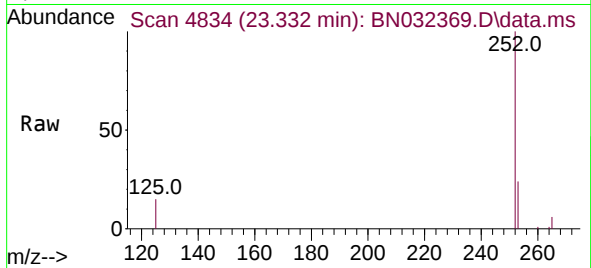
Tgt Ion:252 Resp: 174061
Ion Ratio Lower Upper
252 100
253 24.2 20.3 30.5
125 50.5 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 4.334 ng/ul
RT: 23.332 min Scan# 4834
Delta R.T. -0.028 min
Lab File: BN032369.D
Acq: 01 Jul 2024 19:31

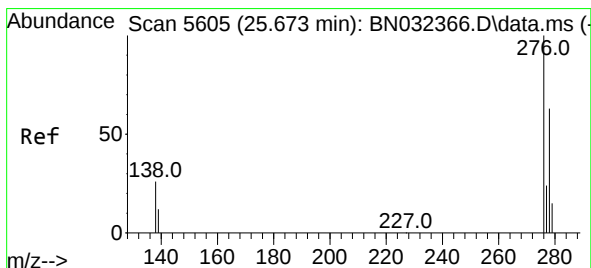
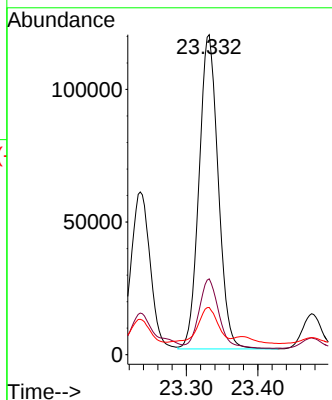
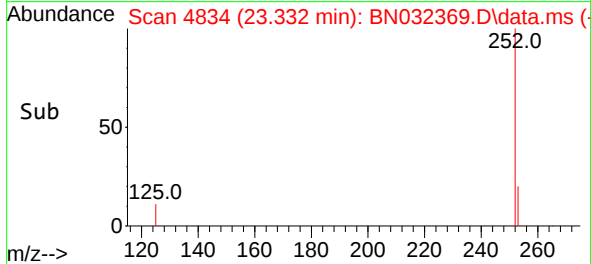
Instrument :
BNA_N
ClientSampleId :
A4B72MS



Tgt Ion:252 Resp: 220770
Ion Ratio Lower Upper
252 100
253 23.7 22.2 33.2
125 14.7 16.4 24.6

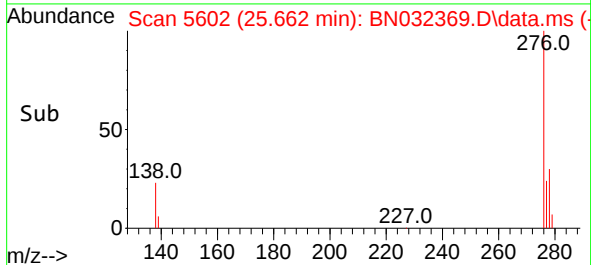
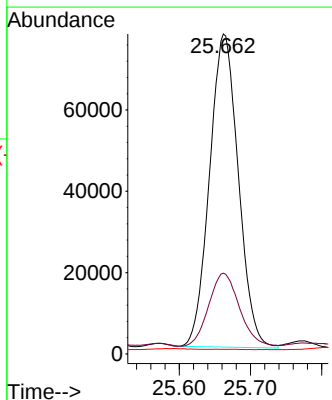
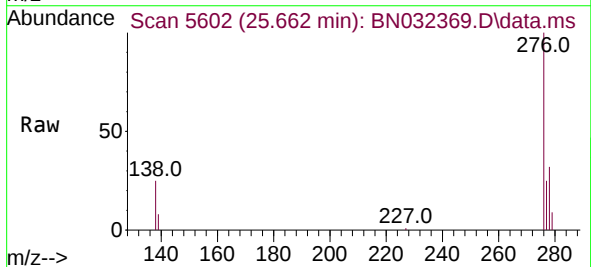
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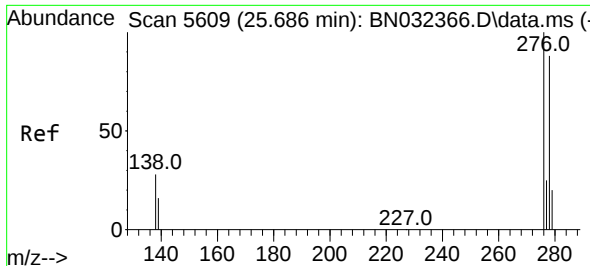
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.713 ng/ul
RT: 25.662 min Scan# 5602
Delta R.T. -0.038 min
Lab File: BN032369.D
Acq: 01 Jul 2024 19:31

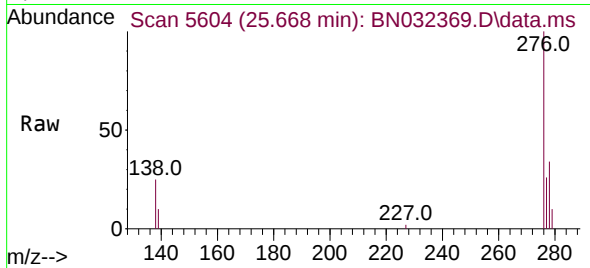
Tgt Ion:276 Resp: 216381
Ion Ratio Lower Upper
276 100
138 25.5 21.3 31.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.380 ng/ul
RT: 25.668 min Scan# 5604
Delta R.T. -0.042 min
Lab File: BN032369.D
Acq: 01 Jul 2024 19:31

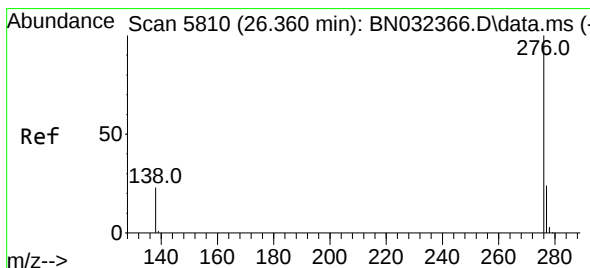
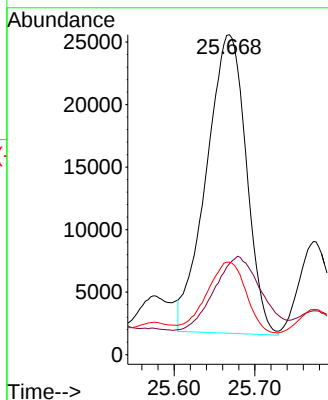
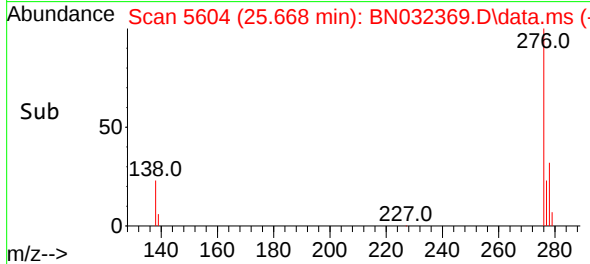
Instrument :
BNA_N
ClientSampleId :
A4B72MS



Tgt Ion:278 Resp: 8179
Ion Ratio Lower Upper
278 100
139 28.4 15.9 23.9
279 28.9 21.1 31.7

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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#29
Benzo(g,h,i)perylene
Concen: 0.518 ng/ul
RT: 26.353 min Scan# 5808
Delta R.T. -0.028 min
Lab File: BN032369.D
Acq: 01 Jul 2024 19:31

Tgt Ion:276 Resp: 32938
Ion Ratio Lower Upper
276 100
138 32.7 19.8 29.6#
277 32.3 19.8 29.6#

