

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032352.D
 Acq On : 29 Jun 2024 15:17
 Operator : MA/JU
 Sample : PB161564BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS564

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 30 23:05:34 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	7731	0.400	ng/ul	0.00
4) Naphthalene-d8	10.386	136	24978	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.256	164	14227	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.015	188	24644	0.400	ng/ul	0.00
17) Chrysene-d12	21.216	240	19435	0.400	ng/ul	#-0.01
23) Perylene-d12	23.434	264	22217	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	6326	0.736	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.986	152	13655	0.365	ng/ul	-0.01
18) Fluoranthene-d10	19.049	212	22355	0.382	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	13435	1.373	ng/ul	90
5) Naphthalene	10.436	128	22867	0.346	ng/ul	99
7) 2-Methylnaphthalene	12.058	142	14524	0.332	ng/ul	100
8) 1-Methylnaphthalene	12.283	142	14419	0.317	ng/ul	100
10) Acenaphthylene	13.979	152	23630	0.399	ng/ul	100
11) Acenaphthene	14.321	153	15877	0.346	ng/ul	99
12) Fluorene	15.316	166	16679	0.305	ng/ul	99
14) Pentachlorophenol	16.677	266	3288	0.590	ng/ul	99
15) Phenanthrene	17.053	178	23397	0.346	ng/ul	98
16) Anthracene	17.146	178	23554	0.391	ng/ul	96
19) Fluoranthene	19.081	202	26062	0.352	ng/ul	97
20) Pyrene	19.444	202	27242	0.352	ng/ul	97
21) Benzo(a)anthracene	21.201	228	26085m	0.372	ng/ul	
22) Chrysene	21.251	228	26184	0.340	ng/ul	93
24) Benzo(b)fluoranthene	22.765	252	27111	0.281	ng/ul	78
25) Benzo(k)fluoranthene	22.809	252	27667	0.295	ng/ul#	77
26) Benzo(a)pyrene	23.338	252	25931	0.386	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.672	276	32983	0.314	ng/ul	99
28) Dibenzo(a,h)anthracene	25.678	278	26387	0.338	ng/ul#	81
29) Benzo(g,h,i)perylene	26.356	276	27042	0.323	ng/ul#	87

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

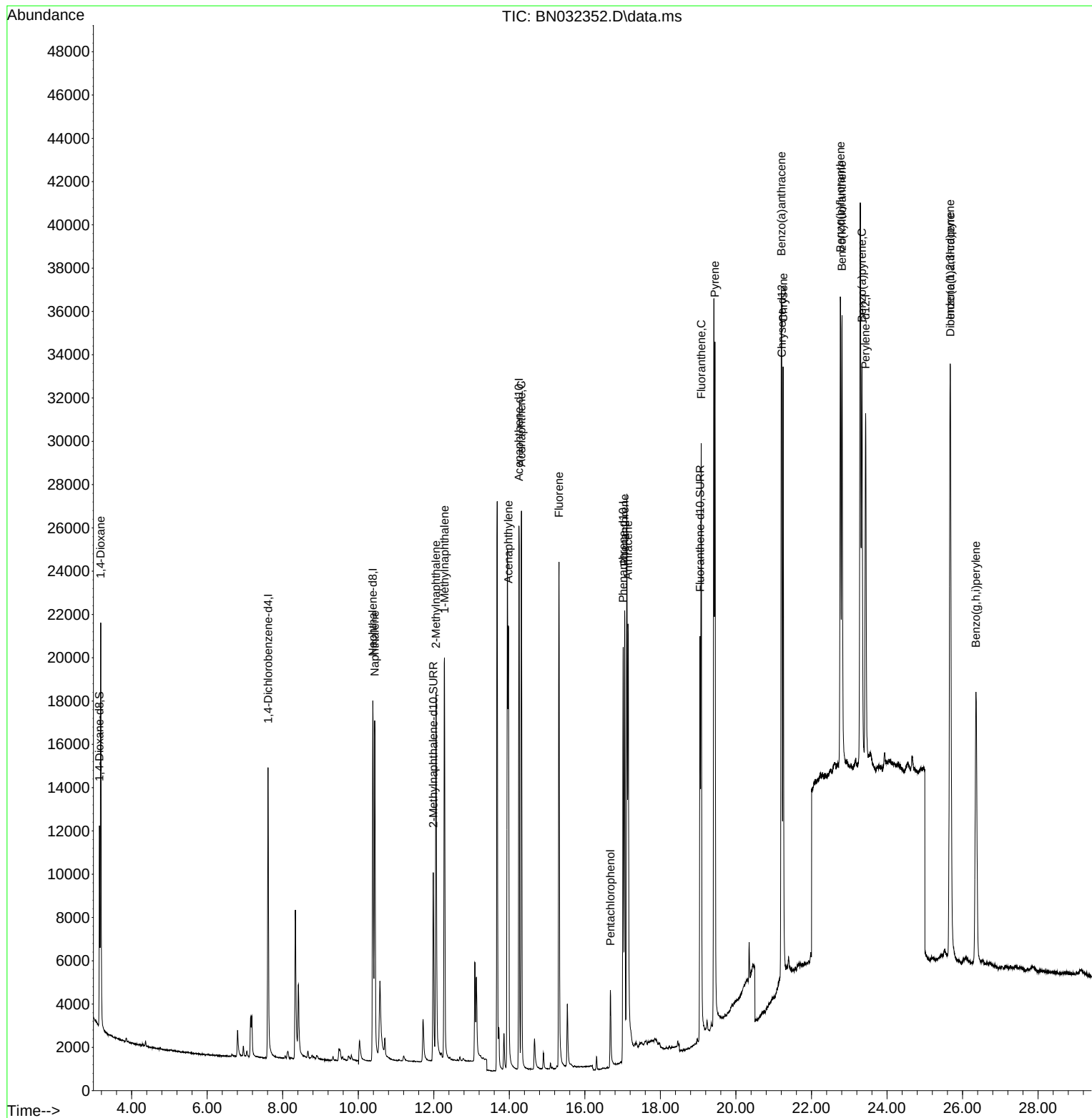
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Data File : BN032352.D
Acq On : 29 Jun 2024 15:17
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ALS Vial : 50 Sample Multiplier: 1

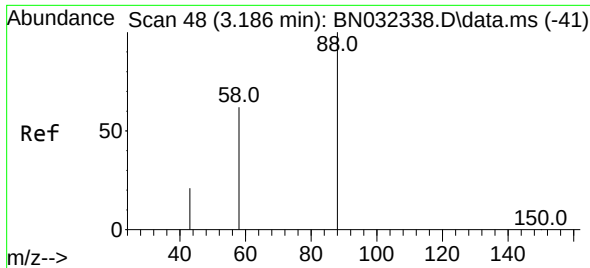
Instrument :
BNA_N
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SLCS564

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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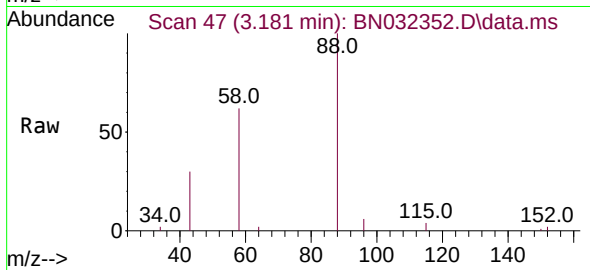
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024





#2
 1,4-Dioxane
 Concen: 1.373 ng/ul
 RT: 3.181 min Scan# 41
 Delta R.T. -0.004 min
 Lab File: BN032352.D
 Acq: 29 Jun 2024 15:17

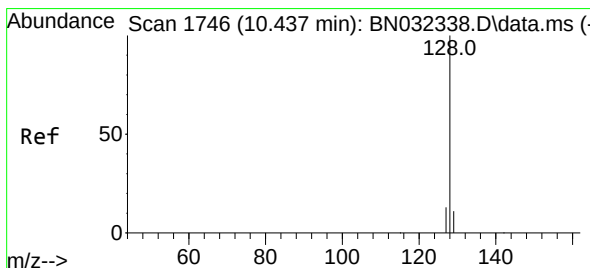
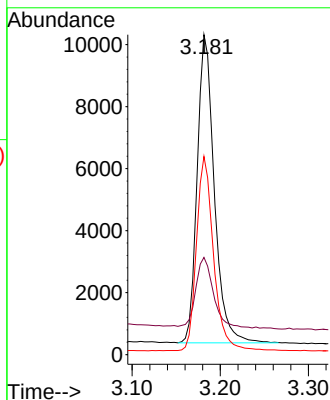
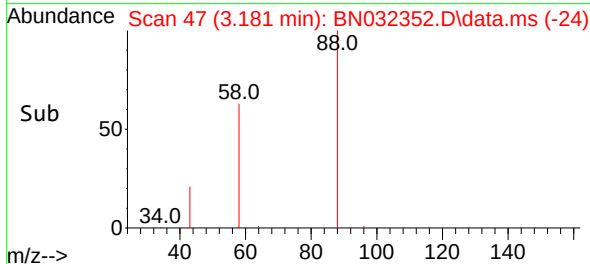
Instrument :
 BNA_N
 ClientSampleId :
 SLCS564



Tgt Ion: 88 Resp: 1343
 Ion Ratio Lower Upper
 88 100
 43 30.4 28.4 42.6
 58 61.9 43.3 64.9

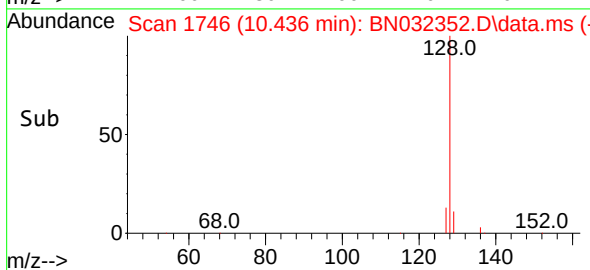
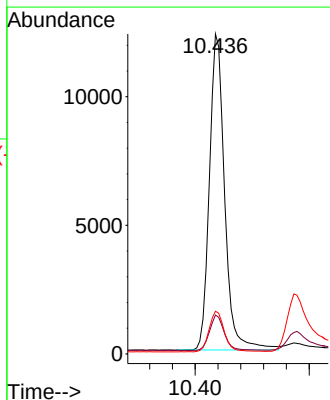
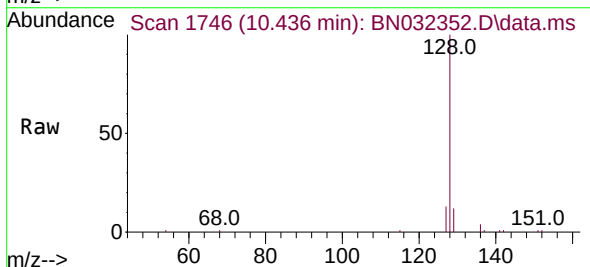
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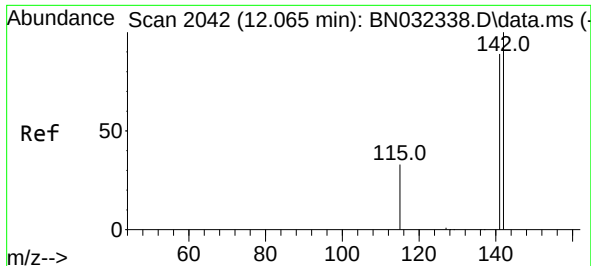
Reviewed By :Yogesh Patel 07/01/2024
 Supervised By :mohammad ahmed 07/04/2024



#5
 Naphthalene
 Concen: 0.346 ng/ul
 RT: 10.436 min Scan# 1746
 Delta R.T. -0.012 min
 Lab File: BN032352.D
 Acq: 29 Jun 2024 15:17

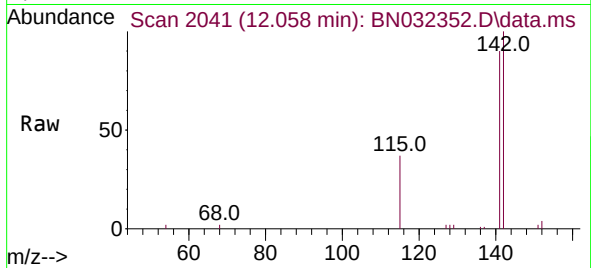
Tgt Ion:128 Resp: 22867
 Ion Ratio Lower Upper
 128 100
 129 12.2 9.2 13.8
 127 13.3 10.8 16.2





#7
2-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.058 min Scan# 2041
Delta R.T. -0.018 min
Lab File: BN032352.D
Acq: 29 Jun 2024 15:17

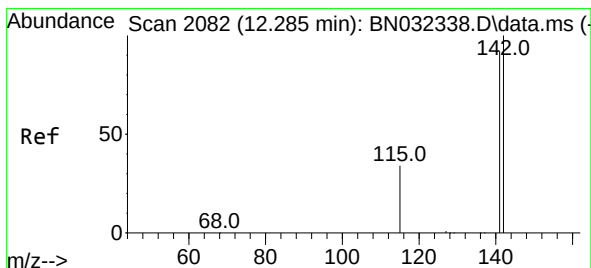
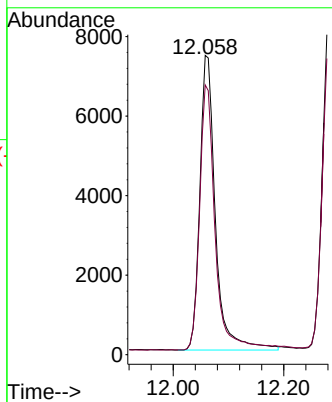
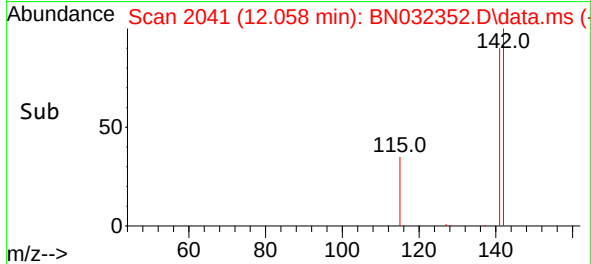
Instrument :
BNA_N
ClientSampleId :
SLCS564



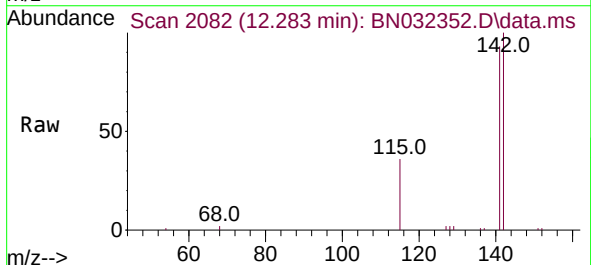
Tgt Ion:142 Resp: 14524
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.2

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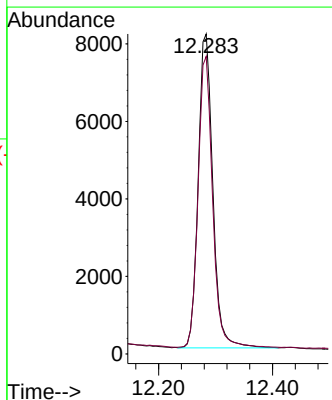
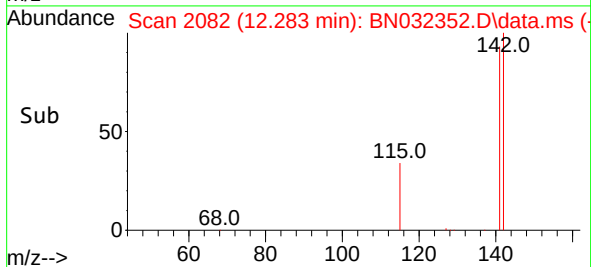
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024

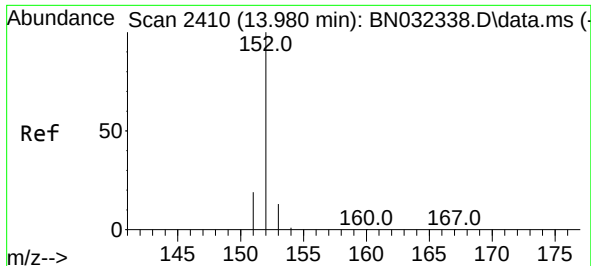


#8
1-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.283 min Scan# 2082
Delta R.T. -0.012 min
Lab File: BN032352.D
Acq: 29 Jun 2024 15:17



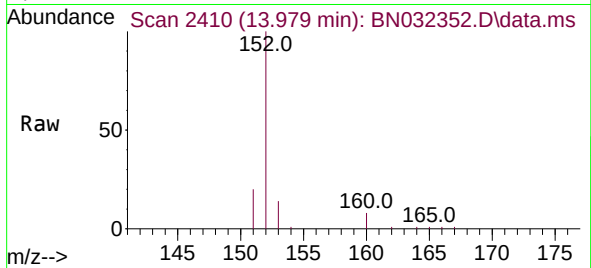
Tgt Ion:142 Resp: 14419
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.0





#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 13.979 min Scan# 2410
Delta R.T. -0.011 min
Lab File: BN032352.D
Acq: 29 Jun 2024 15:17

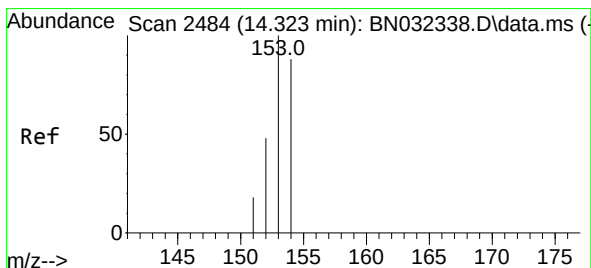
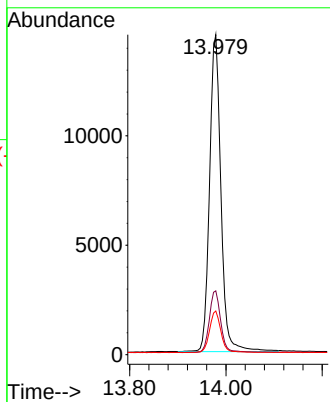
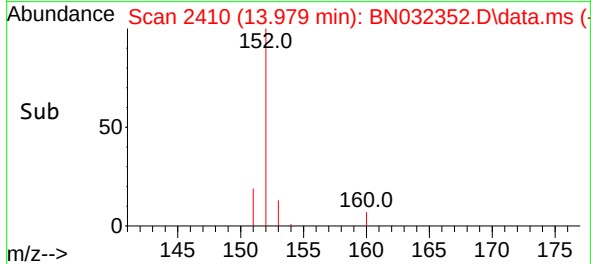
Instrument :
BNA_N
ClientSampleId :
SLCS564



Tgt Ion:152 Resp: 23630
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.6 10.9 16.3

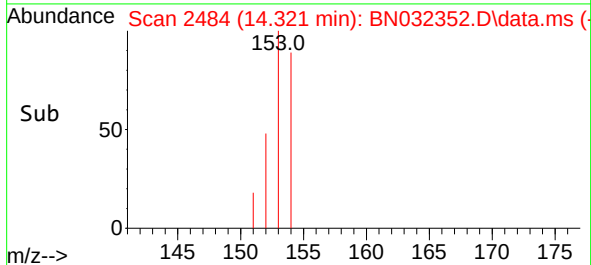
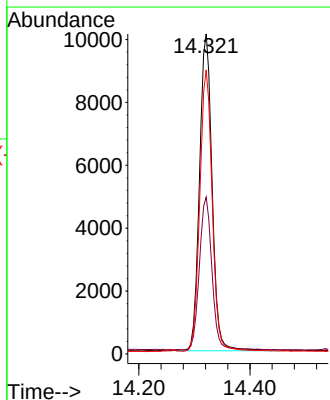
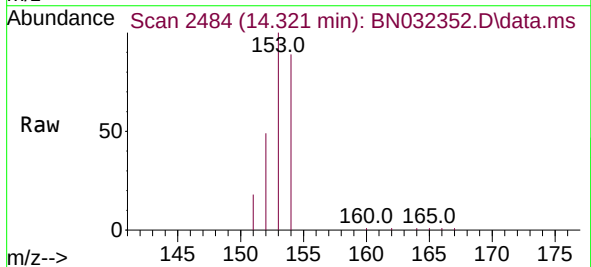
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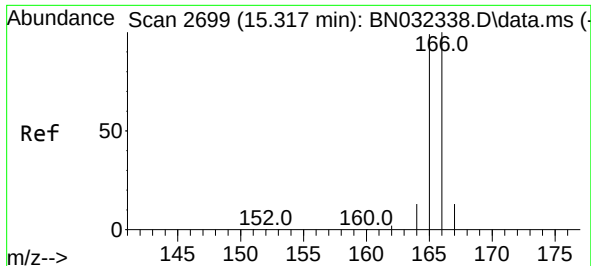
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#11
Acenaphthene
Concen: 0.346 ng/ul
RT: 14.321 min Scan# 2484
Delta R.T. -0.011 min
Lab File: BN032352.D
Acq: 29 Jun 2024 15:17

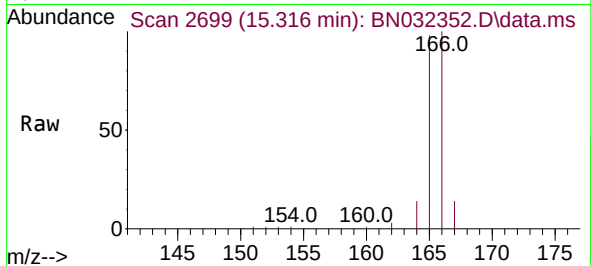
Tgt Ion:153 Resp: 15877
Ion Ratio Lower Upper
153 100
152 49.1 39.5 59.3
154 88.8 71.7 107.5





#12
Fluorene
Concen: 0.305 ng/ul
RT: 15.316 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN032352.D
Acq: 29 Jun 2024 15:17

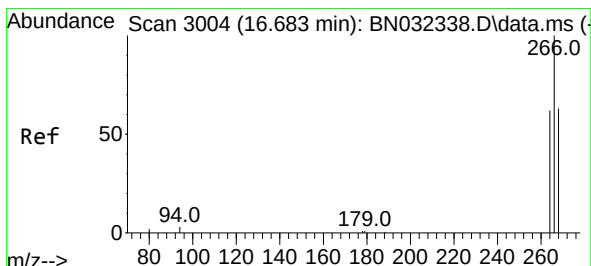
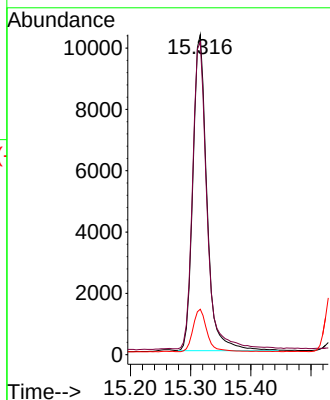
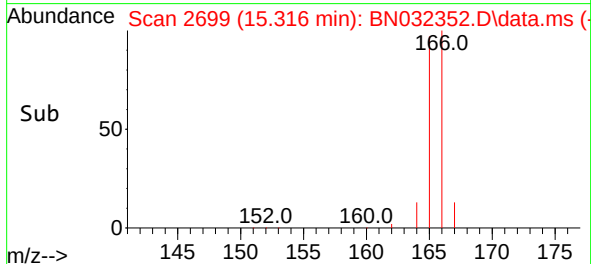
Instrument :
BNA_N
ClientSampleId :
SLCS564



Tgt Ion:166 Resp: 16679
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.6
167 14.2 11.0 16.6

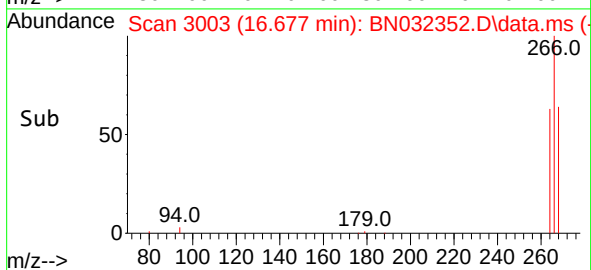
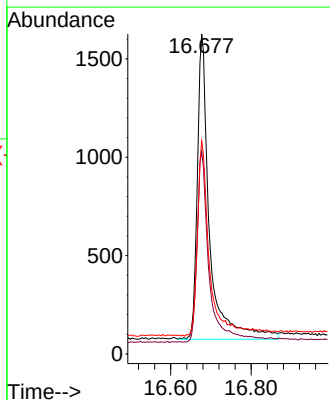
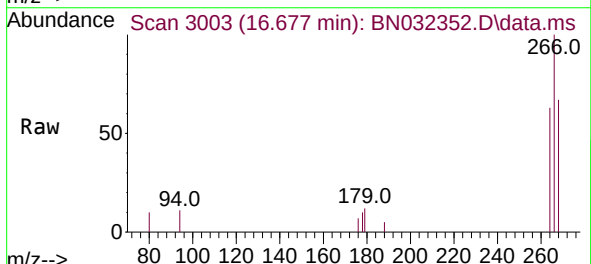
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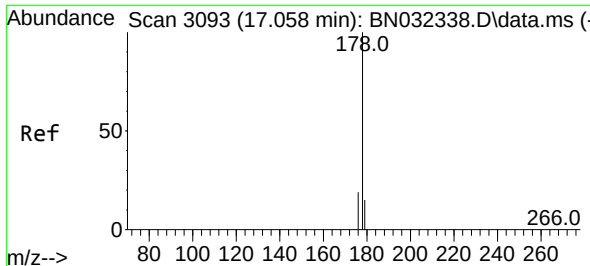
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#14
Pentachlorophenol
Concen: 0.590 ng/ul
RT: 16.677 min Scan# 3003
Delta R.T. -0.022 min
Lab File: BN032352.D
Acq: 29 Jun 2024 15:17

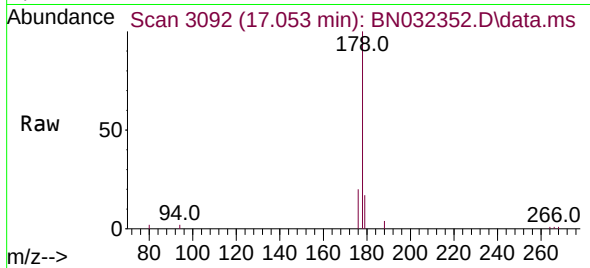
Tgt Ion:266 Resp: 3288
Ion Ratio Lower Upper
266 100
264 61.2 49.9 74.9
268 65.7 52.4 78.6





#15
Phenanthrene
Concen: 0.346 ng/ul
RT: 17.053 min Scan# 3093
Delta R.T. -0.014 min
Lab File: BN032352.D
Acq: 29 Jun 2024 15:17

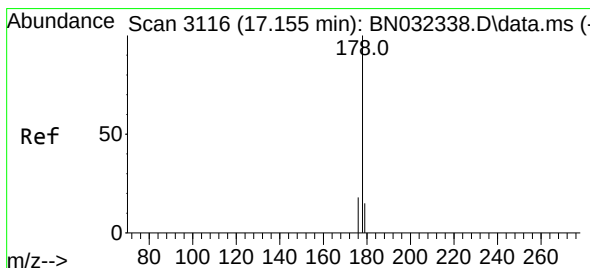
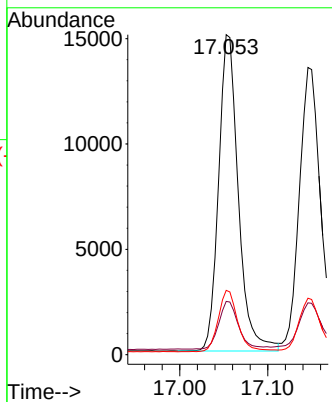
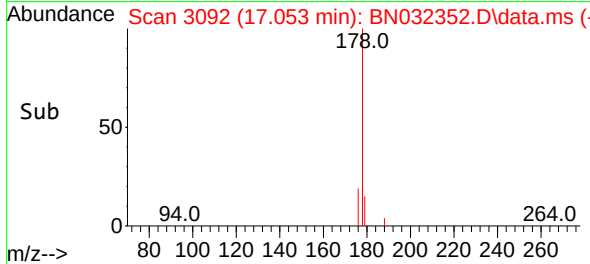
Instrument :
BNA_N
ClientSampleId :
SLCS564



Tgt Ion:178 Resp: 23397
Ion Ratio Lower Upper
178 100
179 16.6 12.6 18.8
176 20.1 15.6 23.4

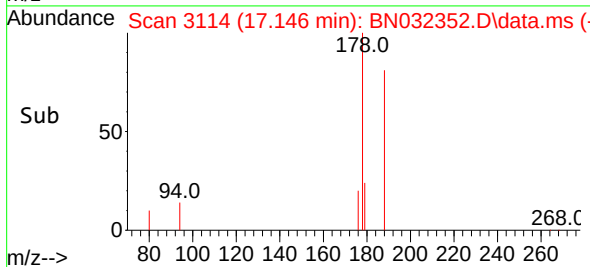
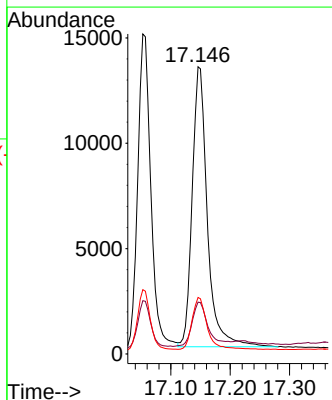
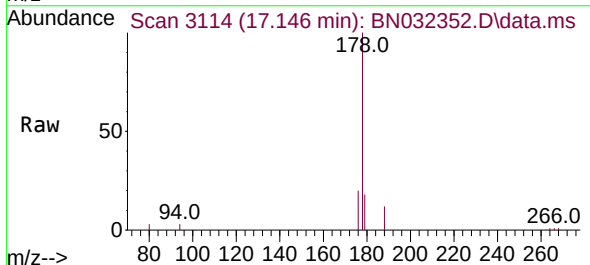
Manual Integrations
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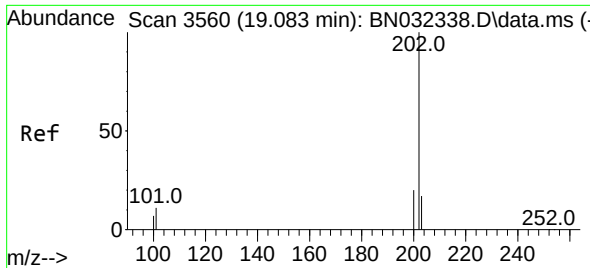
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 0.391 ng/ul
RT: 17.146 min Scan# 3114
Delta R.T. -0.014 min
Lab File: BN032352.D
Acq: 29 Jun 2024 15:17

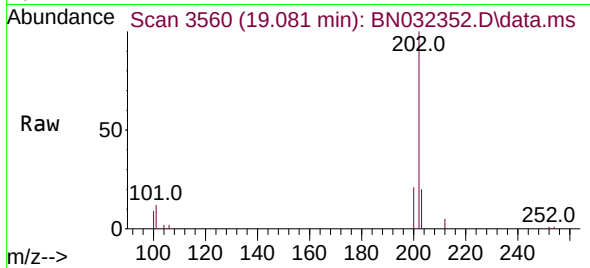
Tgt Ion:178 Resp: 23554
Ion Ratio Lower Upper
178 100
179 18.1 12.5 18.7
176 19.7 15.0 22.6





#19
Fluoranthene
Concen: 0.352 ng/u1
RT: 19.081 min Scan# 3560
Delta R.T. -0.011 min
Lab File: BN032352.D
Acq: 29 Jun 2024 15:17

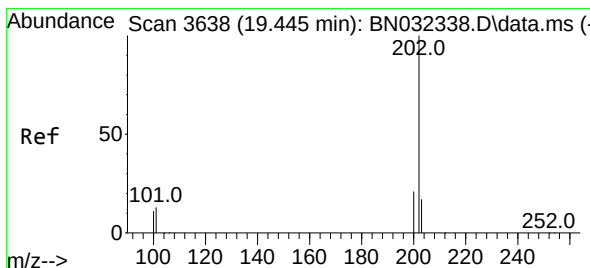
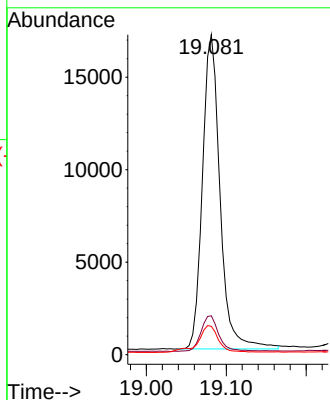
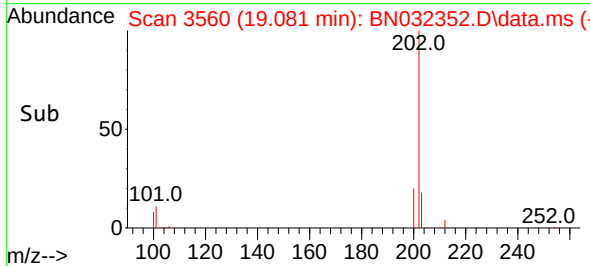
Instrument :
BNA_N
ClientSampleId :
SLCS564



Tgt Ion:202 Resp: 26062
Ion Ratio Lower Upper
202 100
101 12.1 8.8 13.2
100 8.9 6.4 9.6

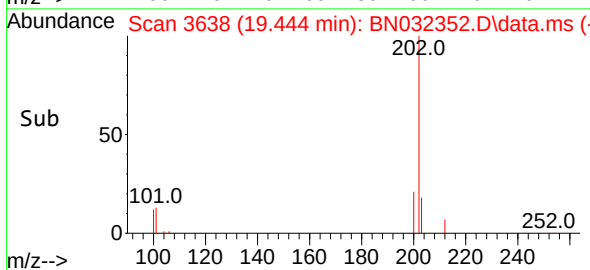
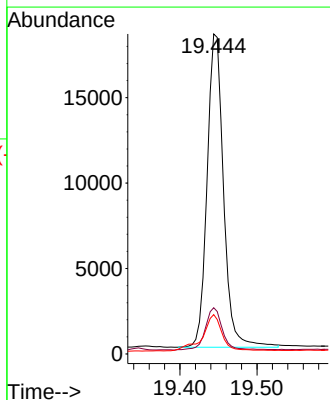
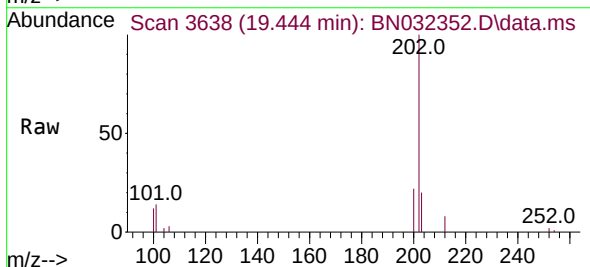
Manual Integrations
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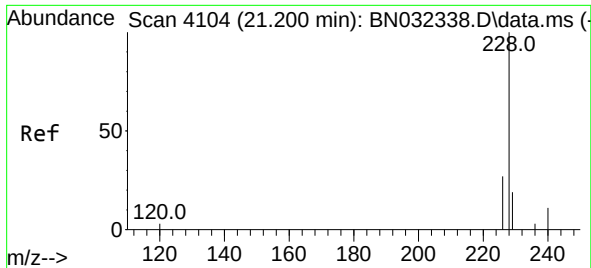
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 0.352 ng/u1
RT: 19.444 min Scan# 3638
Delta R.T. -0.011 min
Lab File: BN032352.D
Acq: 29 Jun 2024 15:17

Tgt Ion:202 Resp: 27242
Ion Ratio Lower Upper
202 100
101 14.4 11.0 16.4
100 12.3 8.7 13.1





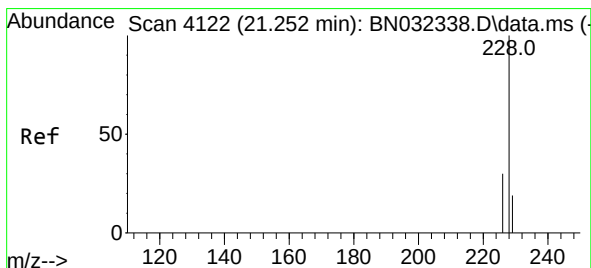
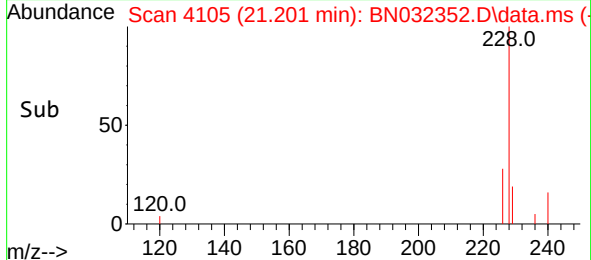
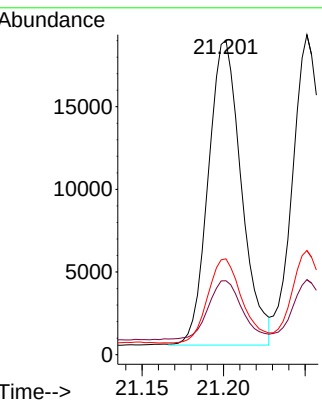
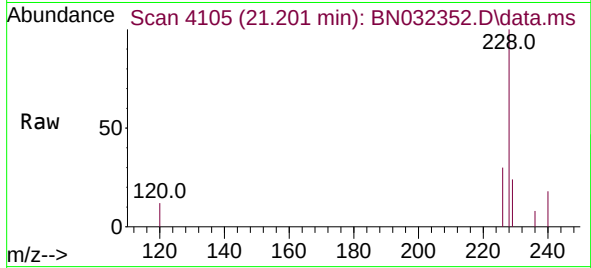
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Benzo(a)anthracene
Concen: 0.372 ng/ul m
RT: 21.201 min Scan# 4105
Delta R.T. -0.013 min
Lab File: BN032352.D
Acq: 29 Jun 2024 15:17

Instrument :
BNA_N
ClientSampleId :
SLCS564

Tgt Ion:228 Resp: 2608
Ion Ratio Lower Upper
228 100
229 23.5 15.7 23.5
226 30.5 21.8 32.8

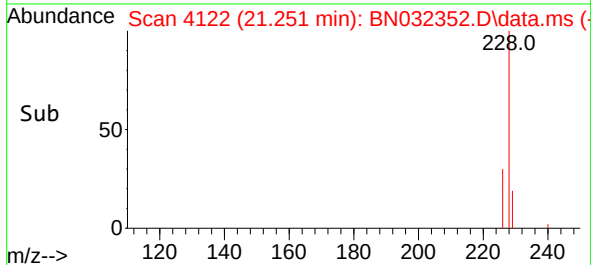
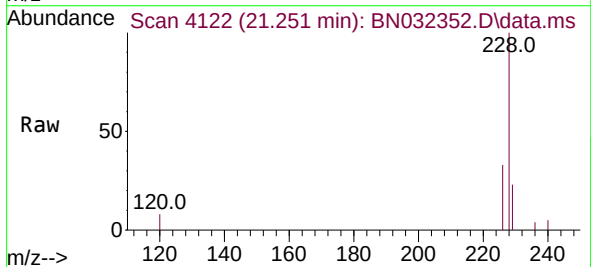
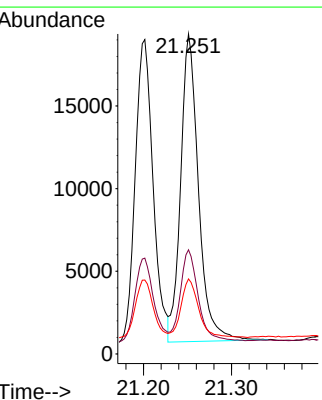
Manual Integrations
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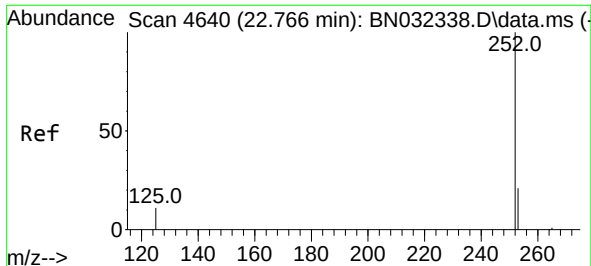
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 0.340 ng/ul
RT: 21.251 min Scan# 4122
Delta R.T. -0.016 min
Lab File: BN032352.D
Acq: 29 Jun 2024 15:17

Tgt Ion:228 Resp: 26184
Ion Ratio Lower Upper
228 100
226 32.6 23.6 35.4
229 23.5 15.7 23.5





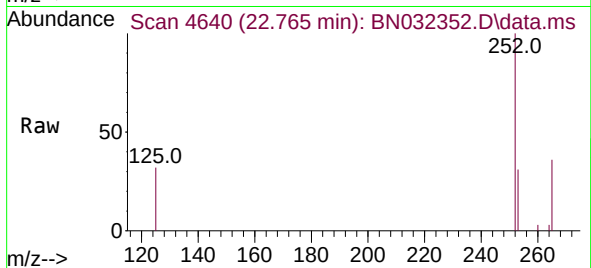
#24
Benzo(b)fluoranthene
Concen: 0.281 ng/ul
RT: 22.765 min Scan# 4640
Delta R.T. -0.019 min
Lab File: BN032352.D
Acq: 29 Jun 2024 15:17

Instrument :

BNA_N

ClientSampleId :

SLCS564



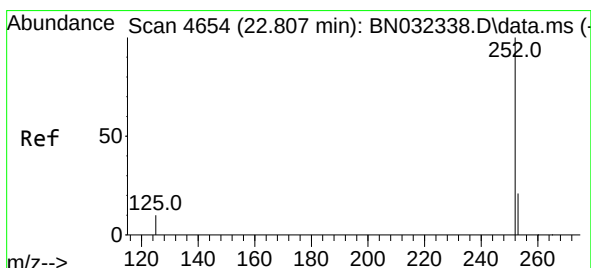
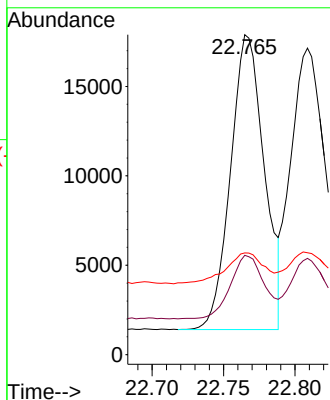
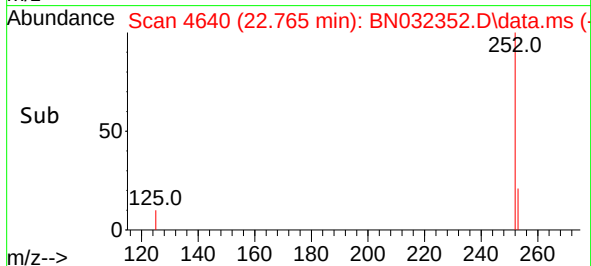
Tgt Ion:252 Resp: 27111
Ion Ratio Lower Upper
252 100
253 31.1 0.0 50.2
125 31.8 0.0 32.0

Manual Integrations

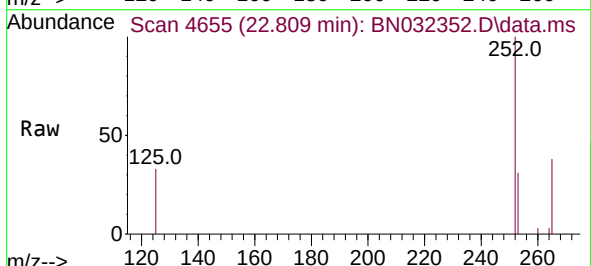
APPROVED

Reviewed By :Yogesh Patel 07/01/2024

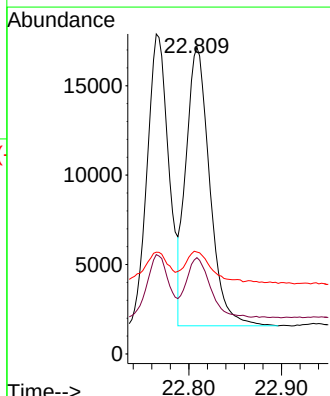
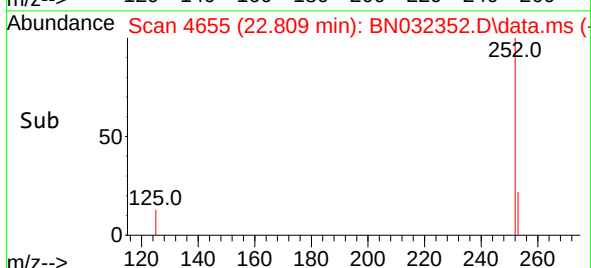
Supervised By :mohammad ahmed 07/04/2024

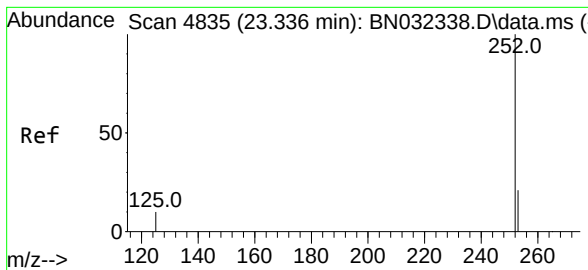


#25
Benzo(k)fluoranthene
Concen: 0.295 ng/ul
RT: 22.809 min Scan# 4655
Delta R.T. -0.019 min
Lab File: BN032352.D
Acq: 29 Jun 2024 15:17



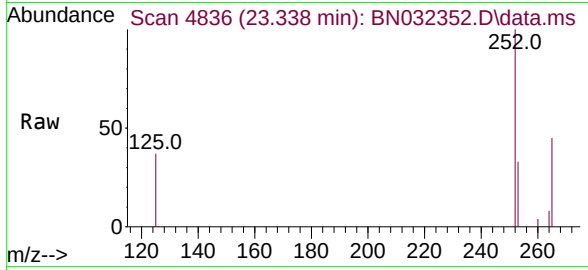
Tgt Ion:252 Resp: 27667
Ion Ratio Lower Upper
252 100
253 31.4 20.3 30.5#
125 33.2 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.386 ng/ul
RT: 23.338 min Scan# 4835
Delta R.T. -0.022 min
Lab File: BN032352.D
Acq: 29 Jun 2024 15:17

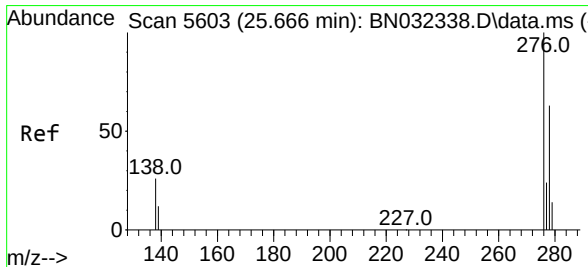
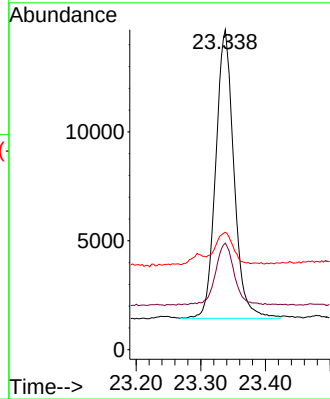
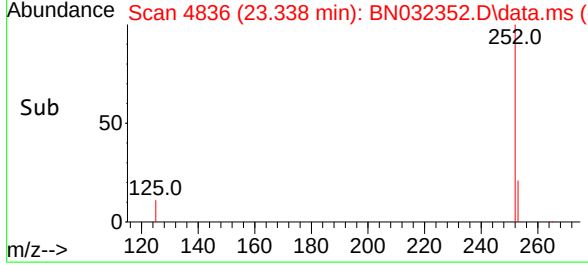
Instrument :
BNA_N
ClientSampleId :
SLCS564



Tgt Ion:252 Resp: 2593
Ion Ratio Lower Upper
252 100
253 33.3 22.2 33.2
125 36.7 16.4 24.6

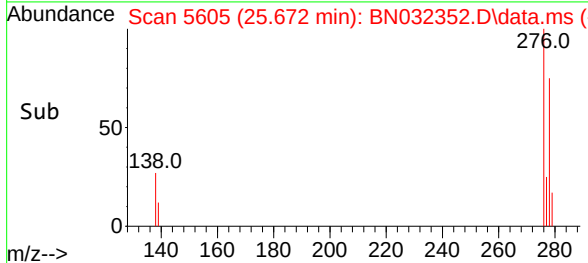
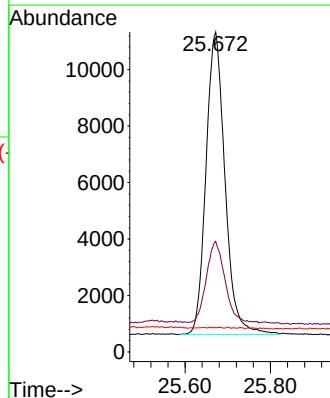
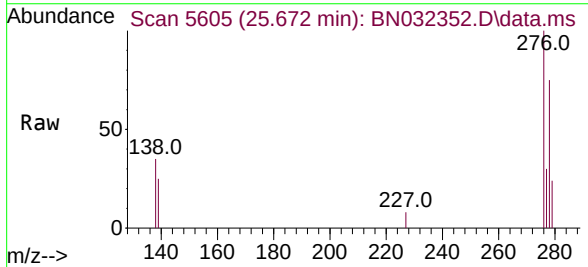
Manual Integrations
APPROVED

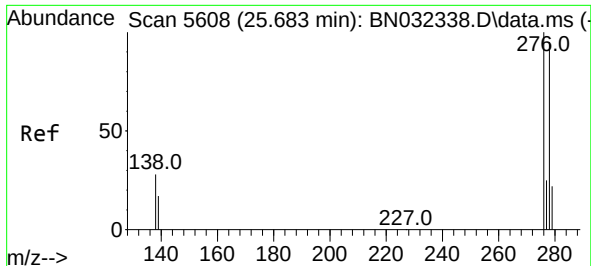
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.314 ng/ul
RT: 25.672 min Scan# 5605
Delta R.T. -0.028 min
Lab File: BN032352.D
Acq: 29 Jun 2024 15:17

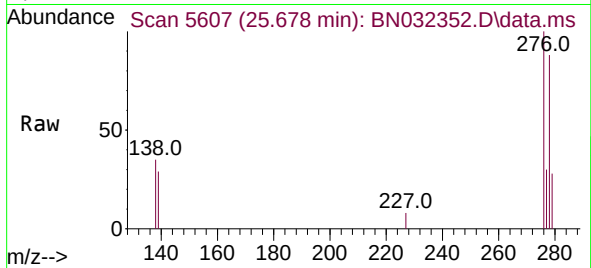
Tgt Ion:276 Resp: 32983
Ion Ratio Lower Upper
276 100
138 25.9 21.3 31.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.338 ng/ul
RT: 25.678 min Scan# 5607
Delta R.T. -0.032 min
Lab File: BN032352.D
Acq: 29 Jun 2024 15:17

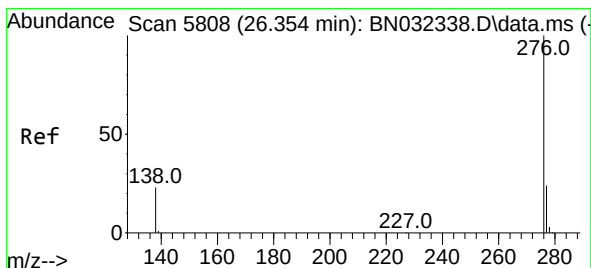
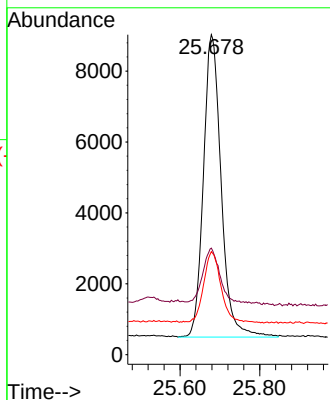
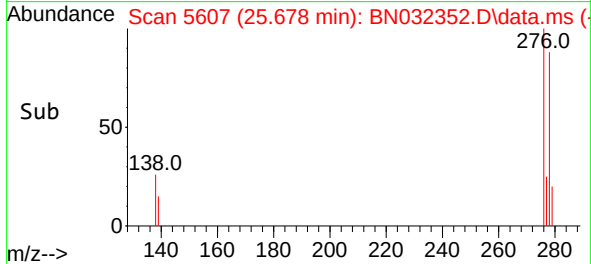
Instrument :
BNA_N
ClientSampleId :
SLCS564



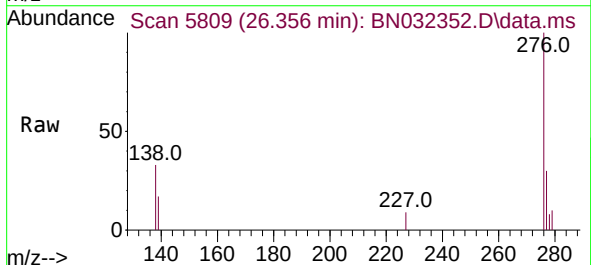
Tgt Ion:278 Resp: 2638
Ion Ratio Lower Upper
278 100
139 33.3 15.9 23.9#
279 32.2 21.1 31.7#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#29
Benzo(g,h,i)perylene
Concen: 0.323 ng/ul
RT: 26.356 min Scan# 5809
Delta R.T. -0.025 min
Lab File: BN032352.D
Acq: 29 Jun 2024 15:17



Tgt Ion:276 Resp: 27042
Ion Ratio Lower Upper
276 100
138 32.6 19.8 29.6#
277 30.0 19.8 29.6#

