

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
 Data File : BN034975.D
 Acq On : 10 Nov 2024 12:08
 Operator : RC/JU
 Sample : PB164809BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS809

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2024
 Supervised By :mohammad ahmed 11/12/2024

Quant Time: Nov 10 21:51:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 09 00:09:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	2385	0.400	ng/ul	0.00
4) Naphthalene-d8	10.328	136	5650	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.199	164	4046	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.949	188	9507	0.400	ng/ul	0.00
17) Chrysene-d12	21.142	240	9426	0.400	ng/ul	0.00
23) Perylene-d12	23.305	264	10086	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	1882	0.829	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.928	152	4160	0.481	ng/ul	0.00
18) Fluoranthene-d10	18.981	212	11969	0.495	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.182	88	4989	2.006	ng/ul#	92
5) Naphthalene	10.377	128	6102	0.432	ng/ul	98
7) 2-Methylnaphthalene	12.000	142	4417	0.419	ng/ul	100
8) 1-Methylnaphthalene	12.225	142	5113	0.483	ng/ul	99
10) Acenaphthylene	13.916	152	6913	0.418	ng/ul	99
11) Acenaphthene	14.263	153	5286	0.422	ng/ul	98
12) Fluorene	15.253	166	6363	0.399	ng/ul	99
14) Pentachlorophenol	16.603	266	1873	0.852	ng/ul	98
15) Phenanthrene	16.987	178	10895	0.429	ng/ul	99
16) Anthracene	17.080	178	9979	0.418	ng/ul	99
19) Fluoranthene	19.009	202	13780	0.437	ng/ul#	97
20) Pyrene	19.372	202	14258	0.437	ng/ul	97
21) Benzo(a)anthracene	21.125	228	14354	0.420	ng/ul	99
22) Chrysene	21.177	228	14903	0.428	ng/ul	99
24) Benzo(b)fluoranthene	22.662	252	14993	0.423	ng/ul	99
25) Benzo(k)fluoranthene	22.703	252	15717m	0.423	ng/ul	
26) Benzo(a)pyrene	23.211	252	13534	0.427	ng/ul#	98
27) Indeno(1,2,3-cd)pyrene	25.456	276	18461	0.476	ng/ul	94
28) Dibenzo(a,h)anthracene	25.473	278	14570	0.483	ng/ul	98
29) Benzo(g,h,i)perylene	26.110	276	14280	0.482	ng/ul	99

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

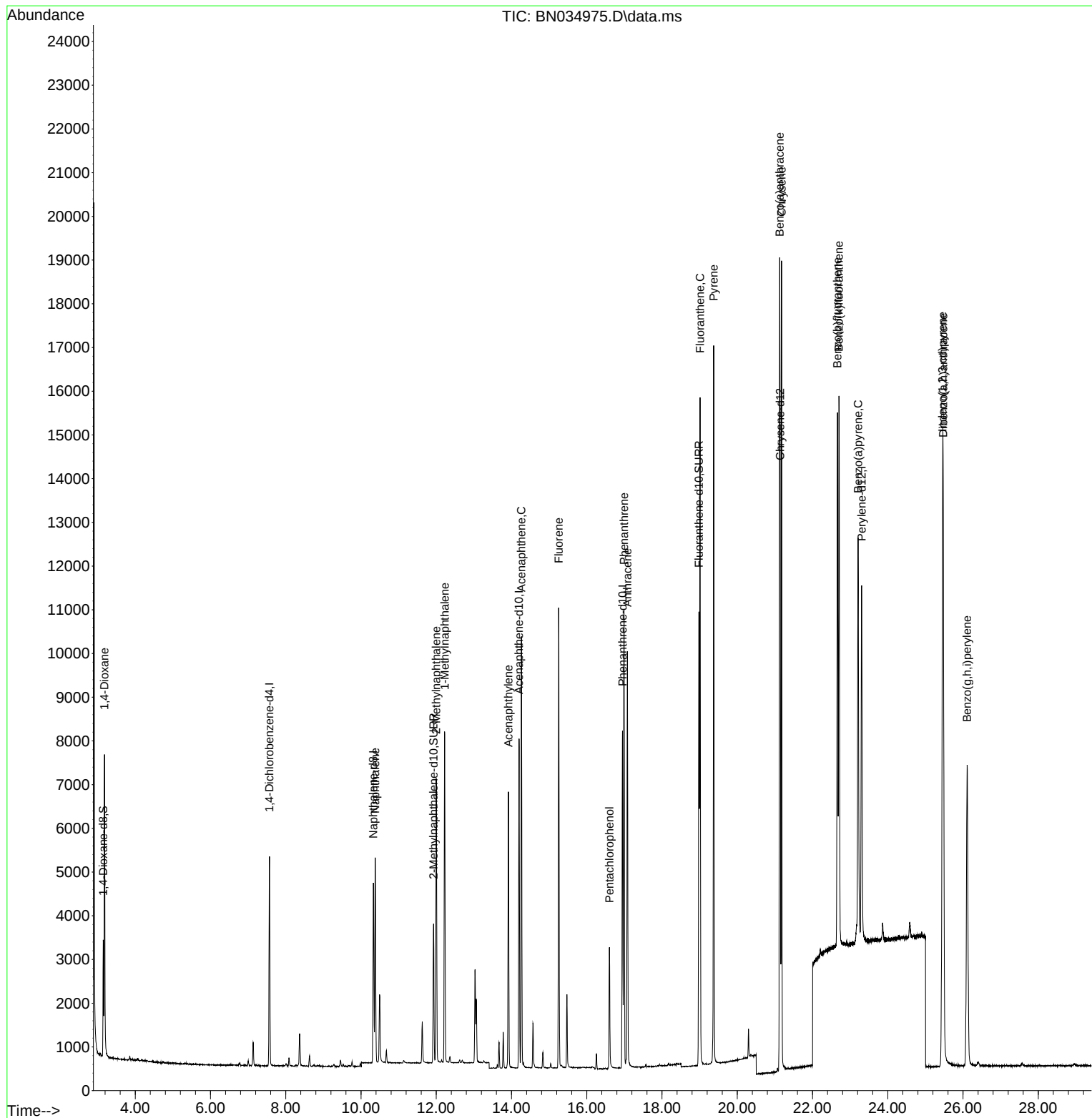
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
Data File : BN034975.D
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ALS Vial : 68 Sample Multiplier: 1

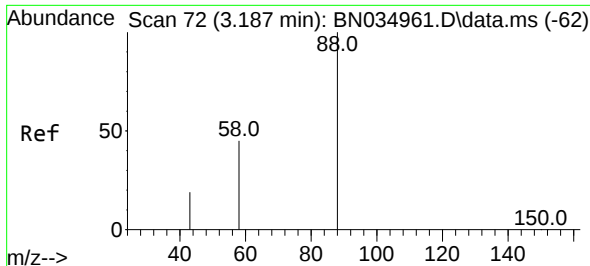
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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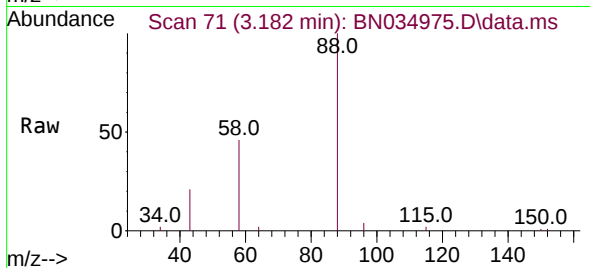
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/12/2024





#2
1,4-Dioxane
Concen: 2.006 ng/ul
RT: 3.182 min Scan# 71
Delta R.T. -0.004 min
Lab File: BN034975.D
Acq: 10 Nov 2024 12:08

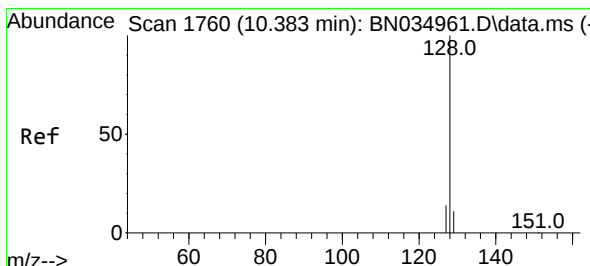
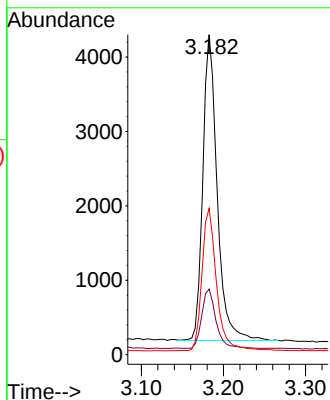
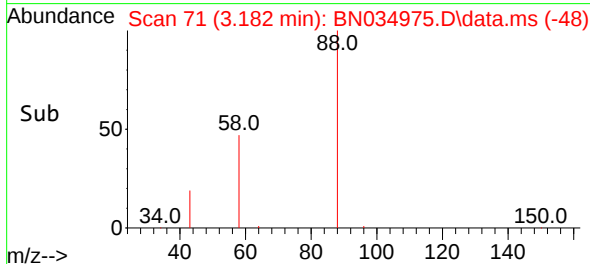
Instrument :
BNA_N
ClientSampleId :
SLCS809



Tgt Ion: 88 Resp: 4989
Ion Ratio Lower Upper
88 100
43 20.5 23.3 34.9
58 45.7 35.4 53.2

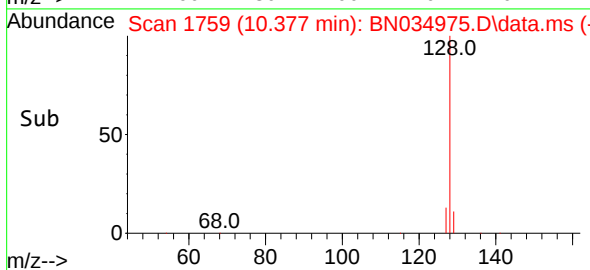
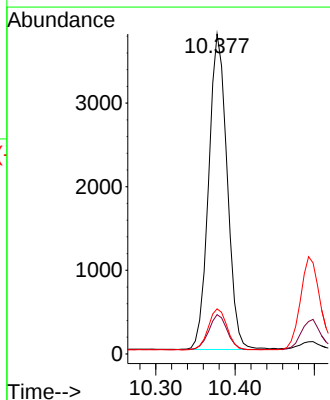
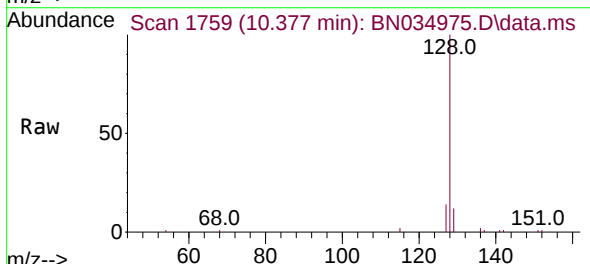
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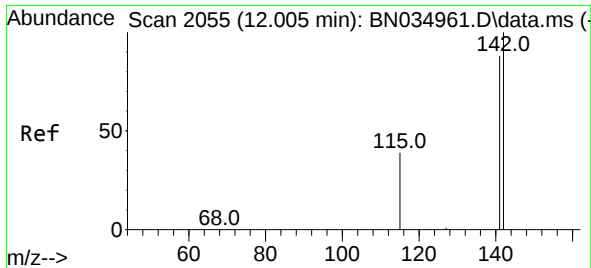
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/12/2024



#5
Naphthalene
Concen: 0.432 ng/ul
RT: 10.377 min Scan# 1759
Delta R.T. -0.011 min
Lab File: BN034975.D
Acq: 10 Nov 2024 12:08

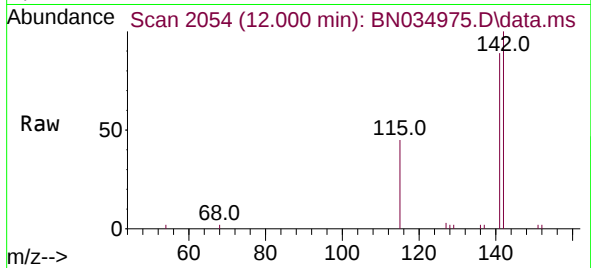
Tgt Ion:128 Resp: 6102
Ion Ratio Lower Upper
128 100
129 12.3 10.1 15.1
127 14.1 12.1 18.1





#7
2-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 12.000 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN034975.D
Acq: 10 Nov 2024 12:08

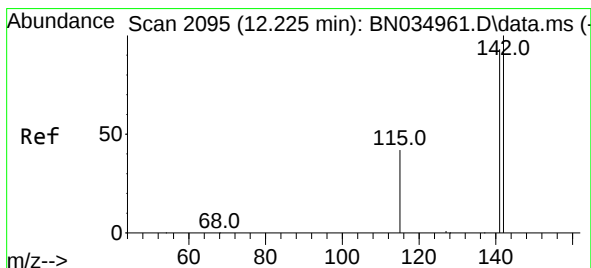
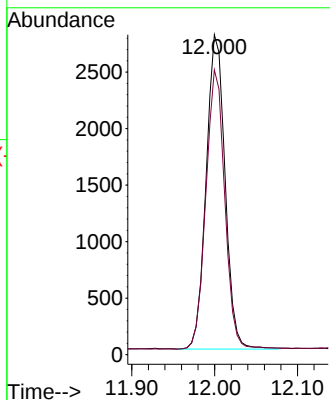
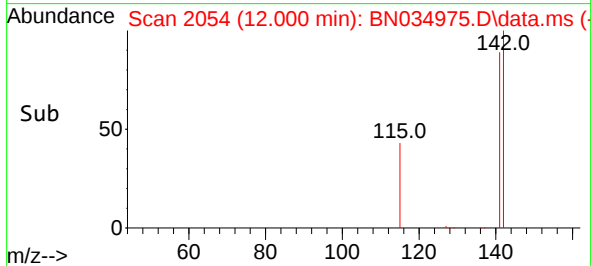
Instrument :
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ClientSampleId :
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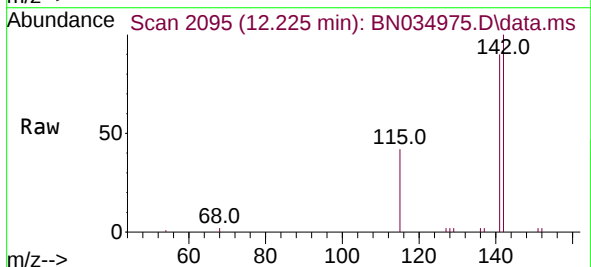
Tgt Ion:142 Resp: 441
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2

Manual Integrations
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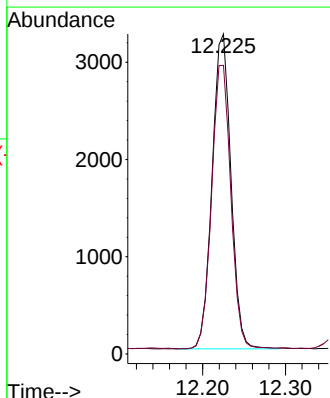
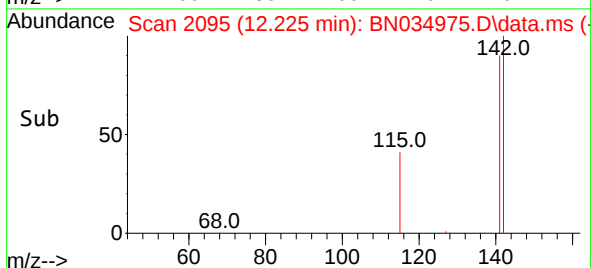
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/12/2024

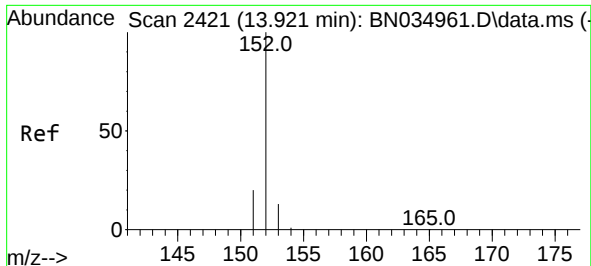


#8
1-Methylnaphthalene
Concen: 0.483 ng/ul
RT: 12.225 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BN034975.D
Acq: 10 Nov 2024 12:08



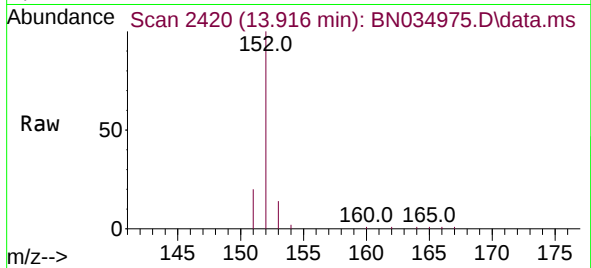
Tgt Ion:142 Resp: 5113
Ion Ratio Lower Upper
142 100
141 91.9 74.6 111.8





#10
Acenaphthylene
Concen: 0.418 ng/ul
RT: 13.916 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BN034975.D
Acq: 10 Nov 2024 12:08

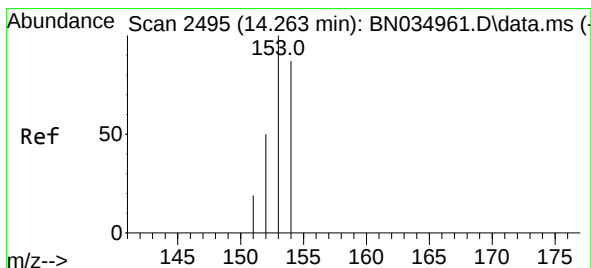
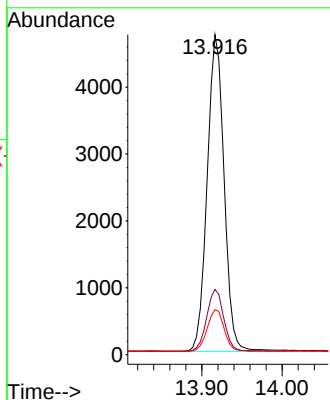
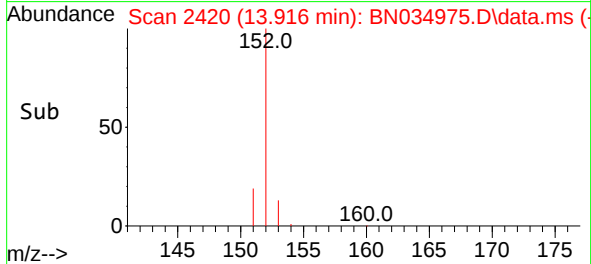
Instrument :
BNA_N
ClientSampleId :
SLCS809



Tgt Ion:152 Resp: 691
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 14.1 11.0 16.6

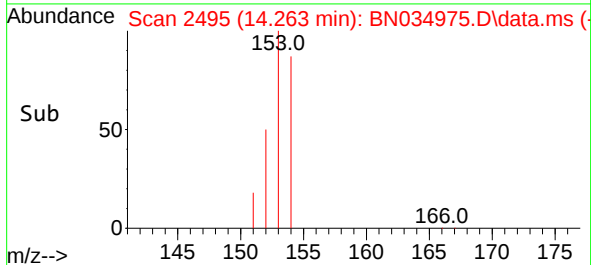
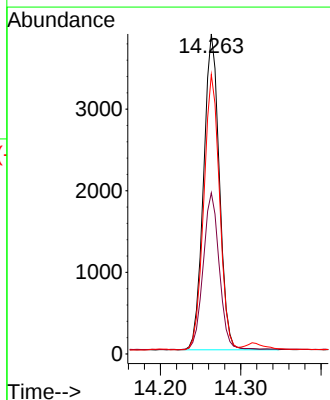
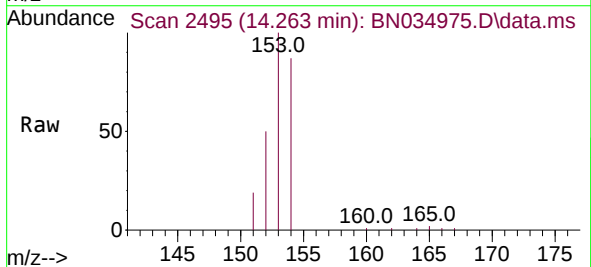
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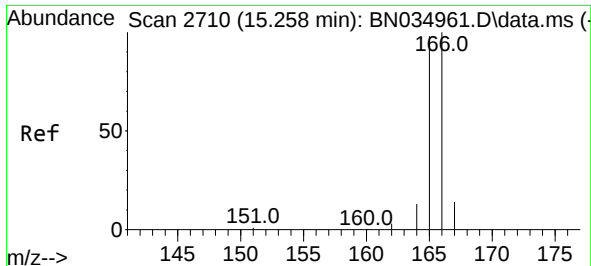
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/12/2024



#11
Acenaphthene
Concen: 0.422 ng/ul
RT: 14.263 min Scan# 2495
Delta R.T. -0.009 min
Lab File: BN034975.D
Acq: 10 Nov 2024 12:08

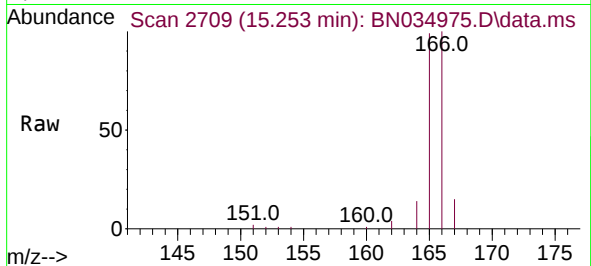
Tgt Ion:153 Resp: 5286
Ion Ratio Lower Upper
153 100
152 50.3 41.5 62.3
154 87.3 70.9 106.3





#12
Fluorene
Concen: 0.399 ng/ul
RT: 15.253 min Scan# 2710
Delta R.T. -0.009 min
Lab File: BN034975.D
Acq: 10 Nov 2024 12:08

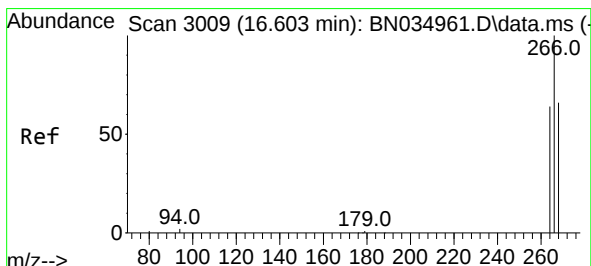
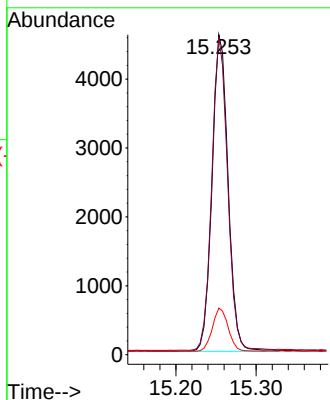
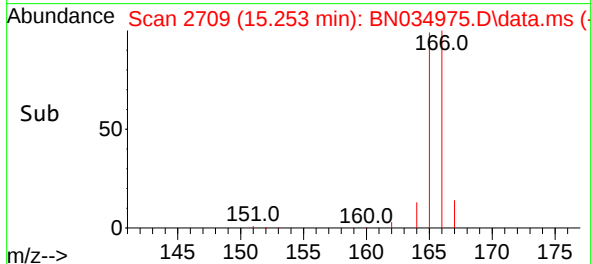
Instrument :
BNA_N
ClientSampleId :
SLCS809



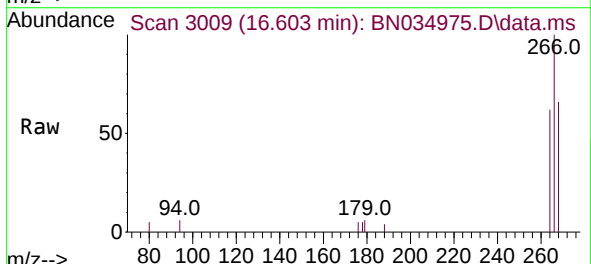
Tgt Ion:166 Resp: 636
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.4
167 14.6 11.8 17.6

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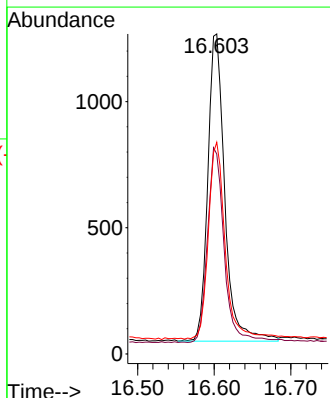
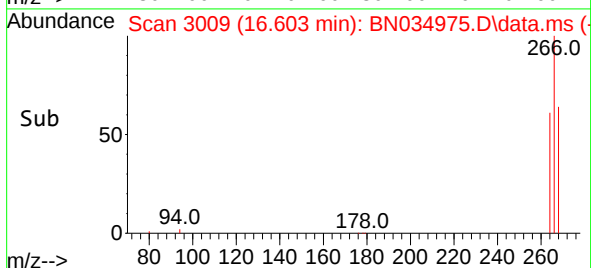
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/12/2024

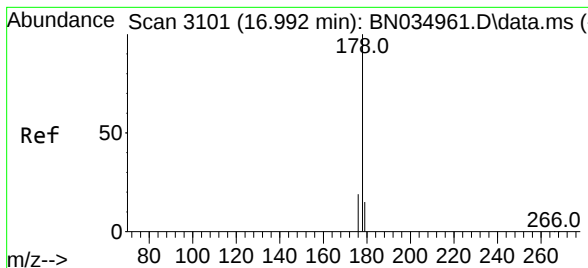


#14
Pentachlorophenol
Concen: 0.852 ng/ul
RT: 16.603 min Scan# 3009
Delta R.T. -0.004 min
Lab File: BN034975.D
Acq: 10 Nov 2024 12:08



Tgt Ion:266 Resp: 1873
Ion Ratio Lower Upper
266 100
264 62.4 50.2 75.2
268 63.7 48.4 72.6





#15

Phenanthrene

Concen: 0.429 ng/ul

RT: 16.987 min Scan# 3100

Delta R.T. -0.008 min

Lab File: BN034975.D

Acq: 10 Nov 2024 12:08

Instrument :

BNA_N

ClientSampleId :

SLCS809

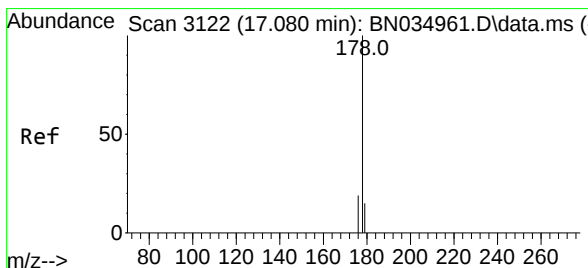
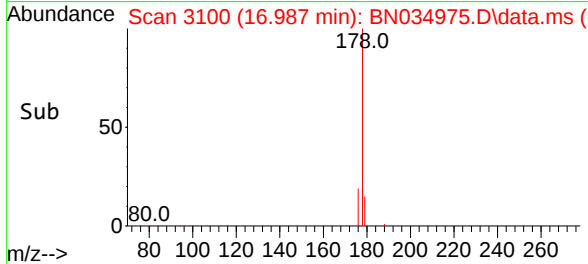
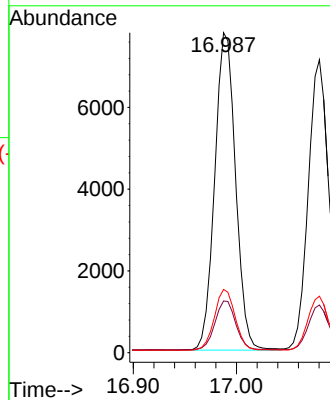
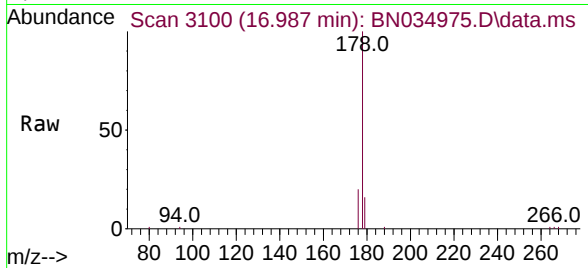
Tgt Ion:178	Resp:	1089
Ion Ratio	Lower	Upper
178	100	
179	16.1	13.4 20.2
176	19.8	15.8 23.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/10/2024

Supervised By :mohammad ahmed 11/12/2024



#16

Anthracene

Concen: 0.418 ng/ul

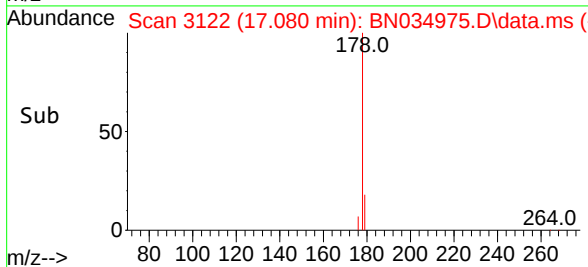
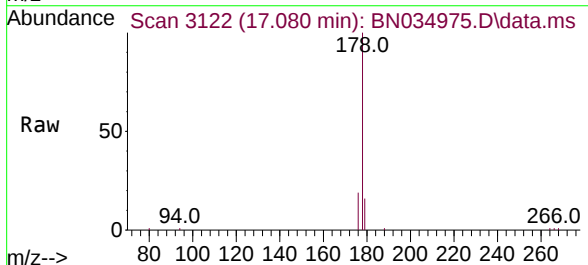
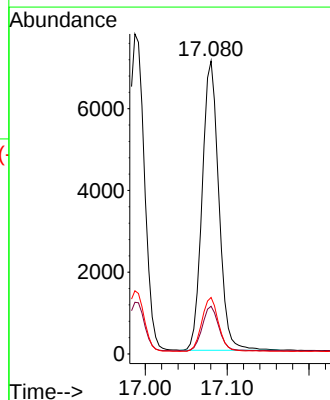
RT: 17.080 min Scan# 3122

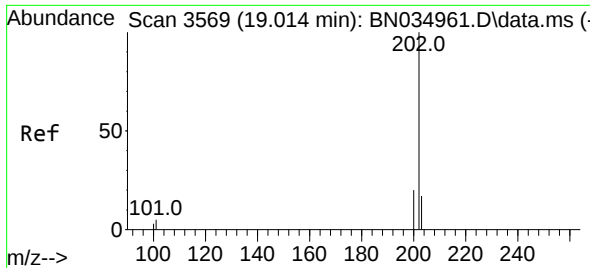
Delta R.T. -0.004 min

Lab File: BN034975.D

Acq: 10 Nov 2024 12:08

Tgt Ion:178	Resp:	9979
Ion Ratio	Lower	Upper
178	100	
179	16.3	13.3 19.9
176	19.3	15.8 23.8





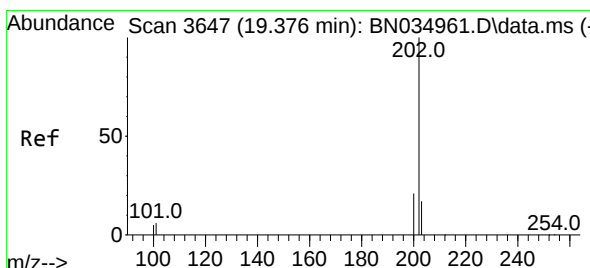
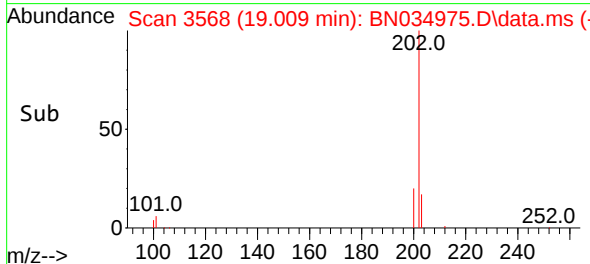
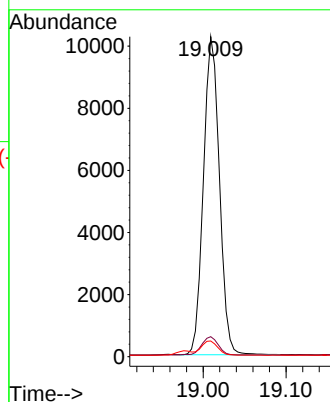
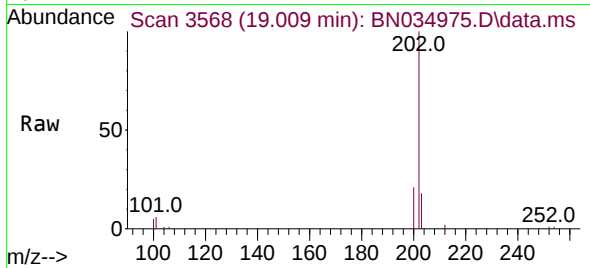
#19
Fluoranthene
Concen: 0.437 ng/u1
RT: 19.009 min Scan# 3568
Delta R.T. -0.009 min
Lab File: BN034975.D
Acq: 10 Nov 2024 12:08

Instrument :
BNA_N
ClientSampleId :
SLCS809

Tgt Ion:202 Resp: 13780
Ion Ratio Lower Upper
202 100
101 6.2 4.2 6.2
100 4.9 3.2 4.8

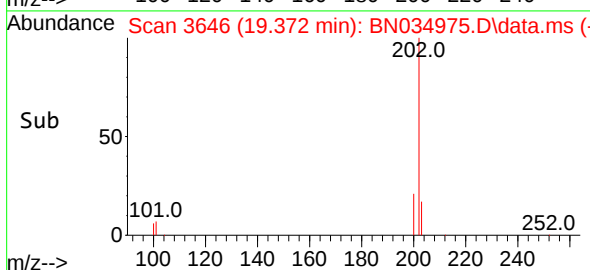
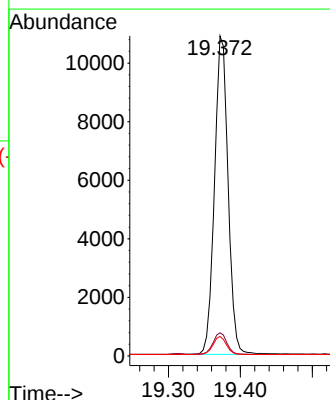
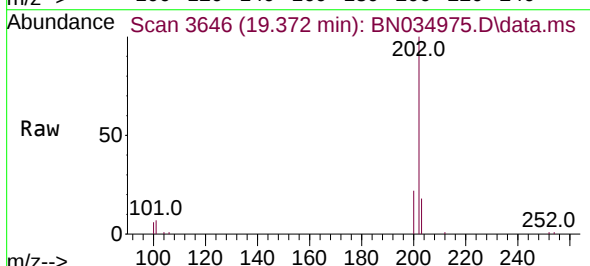
Manual Integrations
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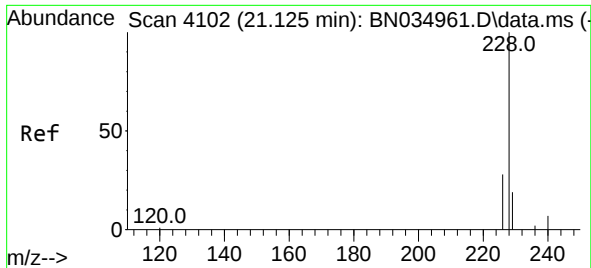
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/12/2024



#20
Pyrene
Concen: 0.437 ng/u1
RT: 19.372 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BN034975.D
Acq: 10 Nov 2024 12:08

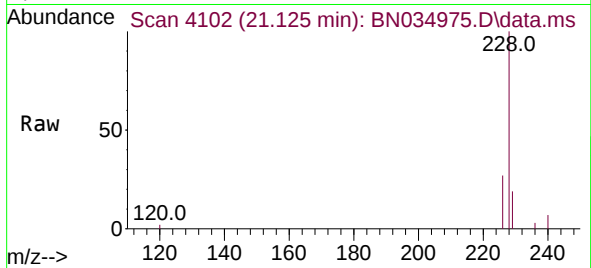
Tgt Ion:202 Resp: 14258
Ion Ratio Lower Upper
202 100
101 7.2 5.0 7.4
100 6.1 4.1 6.1





#21
Benzo(a)anthracene
Concen: 0.420 ng/u1
RT: 21.125 min Scan# 4102
Delta R.T. -0.006 min
Lab File: BN034975.D
Acq: 10 Nov 2024 12:08

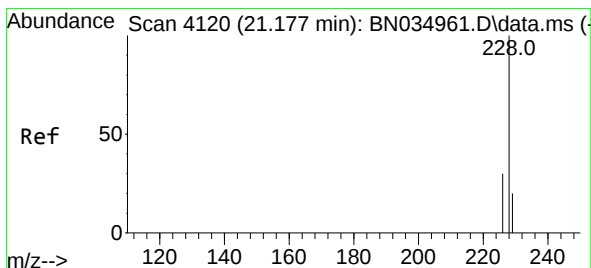
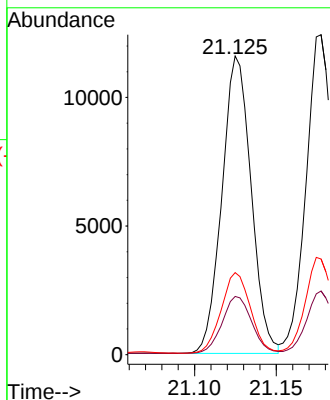
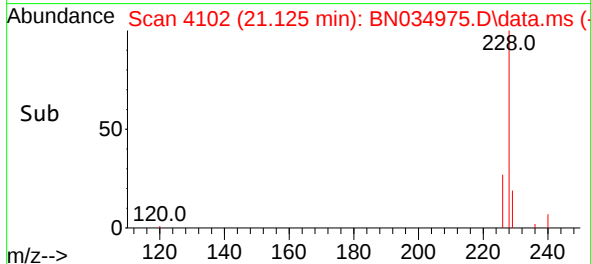
Instrument :
BNA_N
ClientSampleId :
SLCS809



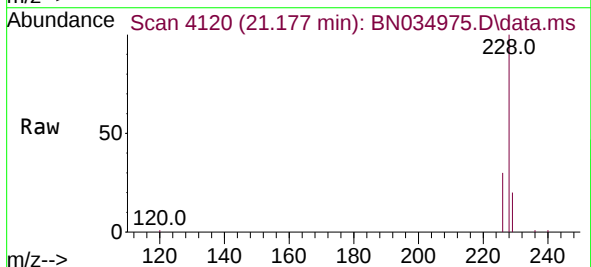
Tgt Ion:228 Resp: 14354
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.8
226 27.5 22.2 33.2

Manual Integrations
APPROVED

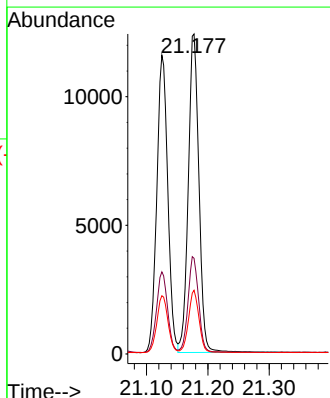
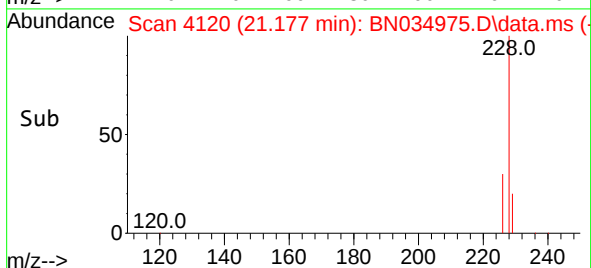
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/12/2024

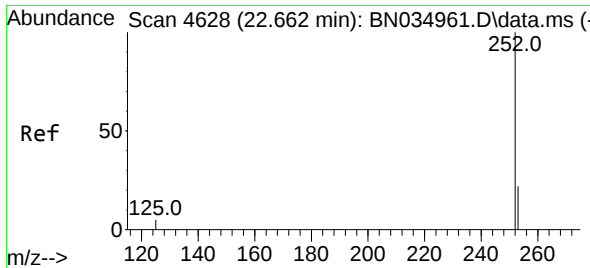


#22
Chrysene
Concen: 0.428 ng/u1
RT: 21.177 min Scan# 4120
Delta R.T. -0.006 min
Lab File: BN034975.D
Acq: 10 Nov 2024 12:08



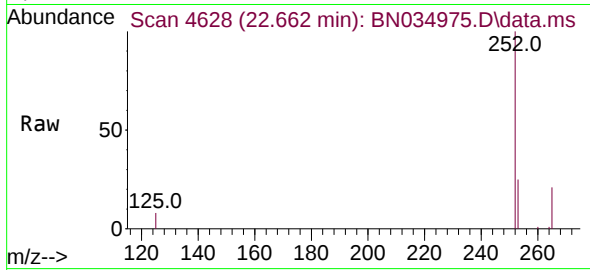
Tgt Ion:228 Resp: 14903
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.4
229 19.9 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.423 ng/ul
RT: 22.662 min Scan# 4628
Delta R.T. -0.009 min
Lab File: BN034975.D
Acq: 10 Nov 2024 12:08

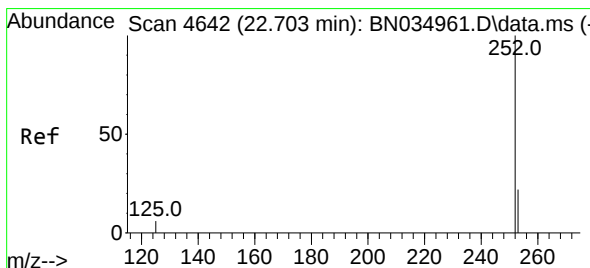
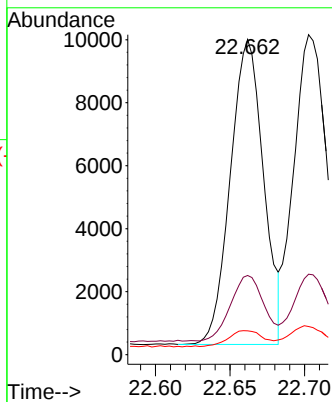
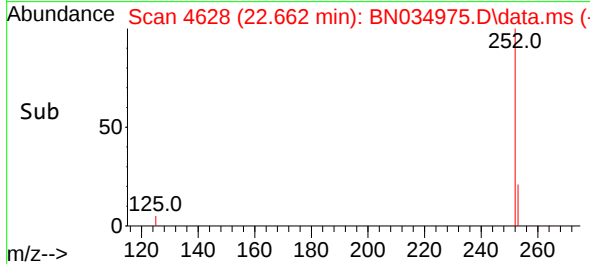
Instrument :
BNA_N
ClientSampleId :
SLCS809



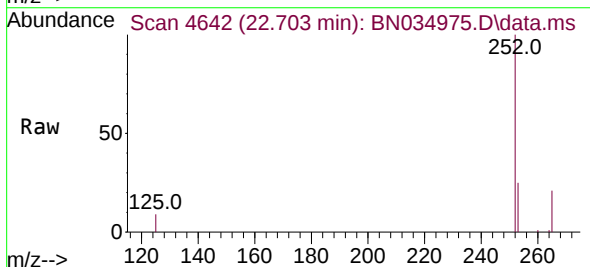
Tgt Ion:252 Resp: 1499
Ion Ratio Lower Upper
252 100
253 25.1 0.0 50.0
125 7.5 0.0 14.0

Manual Integrations
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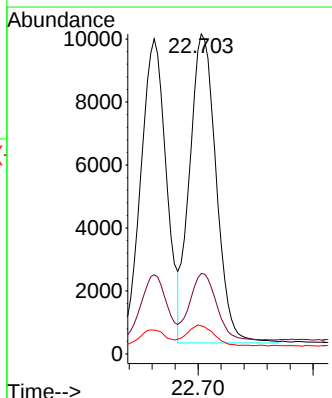
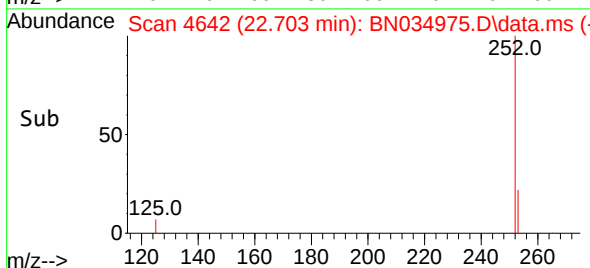
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/12/2024

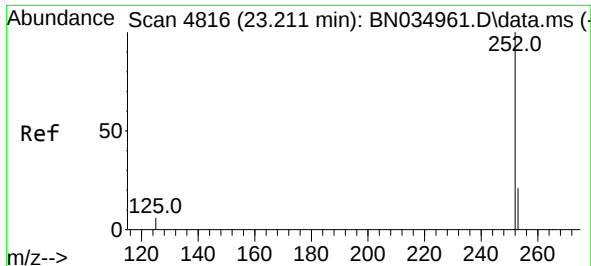


#25
Benzo(k)fluoranthene
Concen: 0.423 ng/ul m
RT: 22.703 min Scan# 4642
Delta R.T. -0.009 min
Lab File: BN034975.D
Acq: 10 Nov 2024 12:08



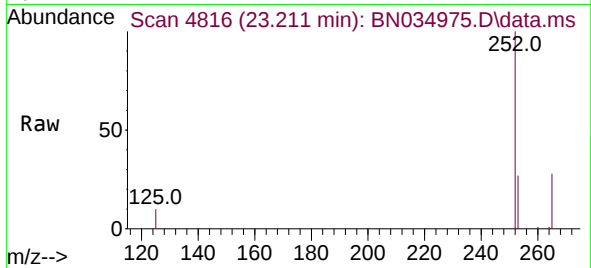
Tgt Ion:252 Resp: 15717
Ion Ratio Lower Upper
252 100
253 25.1 20.2 30.4
125 8.8 5.8 8.8#





#26
Benzo(a)pyrene
Concen: 0.427 ng/ul
RT: 23.211 min Scan# 4816
Delta R.T. -0.006 min
Lab File: BN034975.D
Acq: 10 Nov 2024 12:08

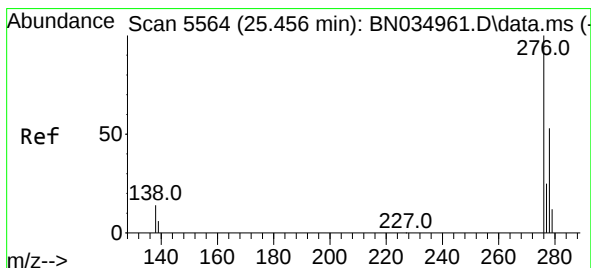
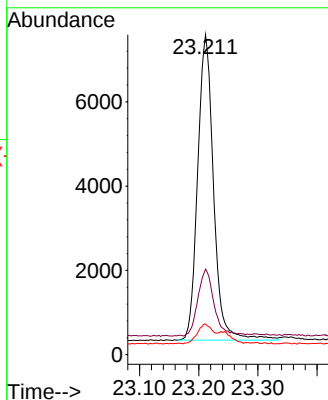
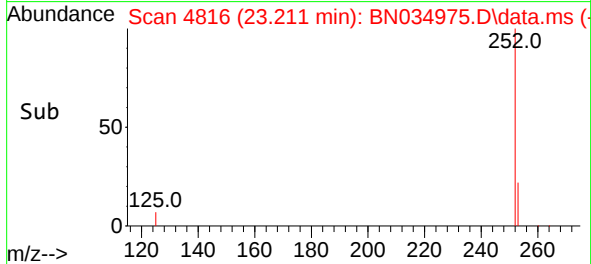
Instrument :
BNA_N
ClientSampleId :
SLCS809



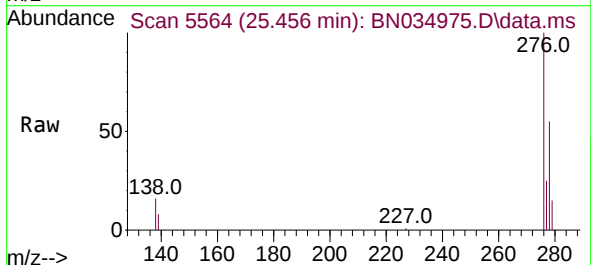
Tgt Ion:252 Resp: 13534
Ion Ratio Lower Upper
252 100
253 26.8 21.2 31.8
125 9.6 6.3 9.5

Manual Integrations
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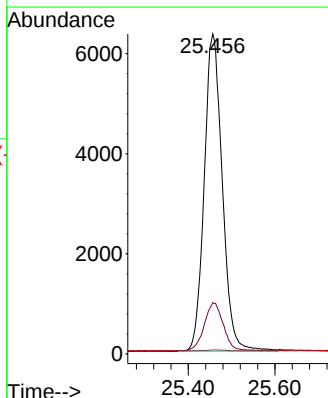
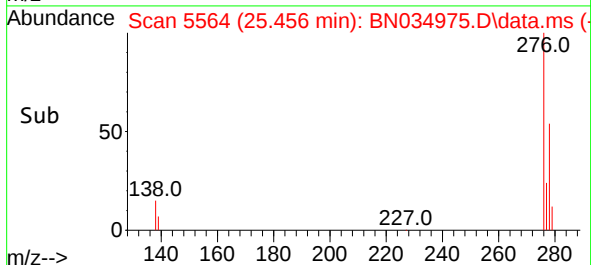
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/12/2024

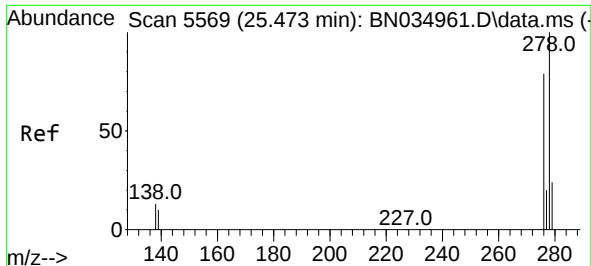


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.476 ng/ul
RT: 25.456 min Scan# 5564
Delta R.T. -0.013 min
Lab File: BN034975.D
Acq: 10 Nov 2024 12:08



Tgt Ion:276 Resp: 18461
Ion Ratio Lower Upper
276 100
138 15.9 10.8 16.2
227 0.3 0.2 0.4





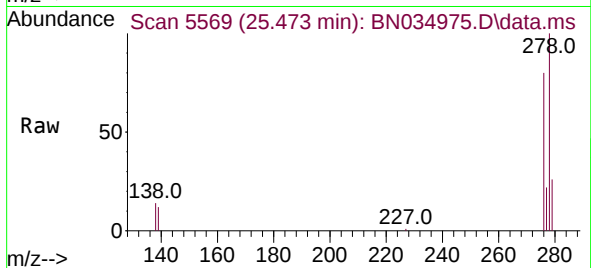
#28
Dibenzo(a,h)anthracene
Concen: 0.483 ng/ul
RT: 25.473 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN034975.D
Acq: 10 Nov 2024 12:08

Instrument :

BNA_N

ClientSampleId :

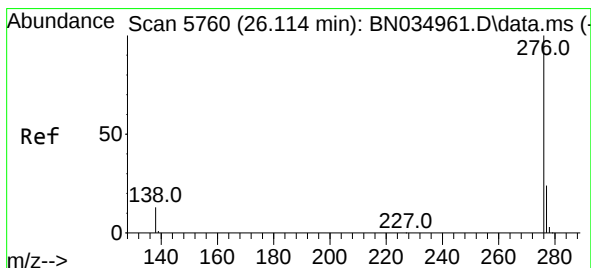
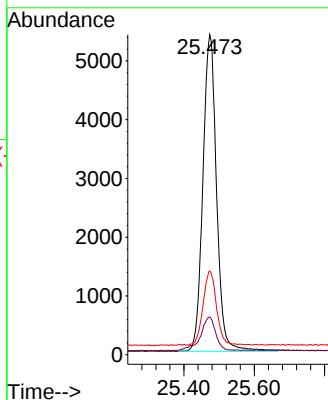
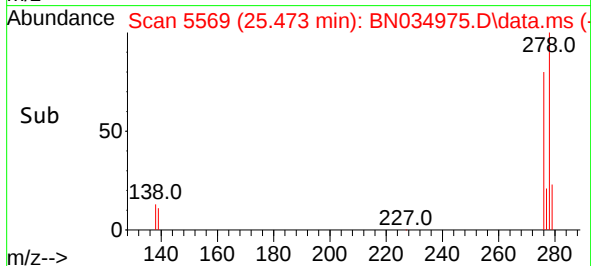
SLCS809



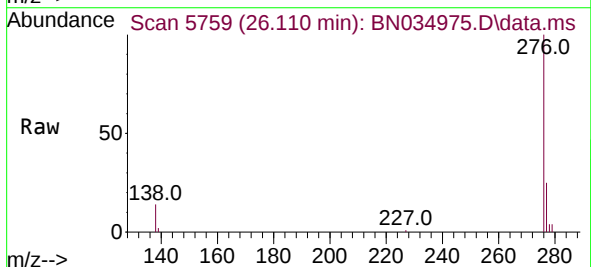
Tgt Ion:278 Resp: 14570
Ion Ratio Lower Upper
278 100
139 11.8 8.4 12.6
279 26.2 21.5 32.3

Manual Integrations
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Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/12/2024



#29
Benzo(g,h,i)perylene
Concen: 0.482 ng/ul
RT: 26.110 min Scan# 5759
Delta R.T. -0.017 min
Lab File: BN034975.D
Acq: 10 Nov 2024 12:08



Tgt Ion:276 Resp: 14280
Ion Ratio Lower Upper
276 100
138 14.1 10.3 15.5
277 25.0 20.2 30.2

