

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
 Data File : BN035269.D
 Acq On : 23 Nov 2024 08:47
 Operator : RC/JU
 Sample : P4872-15
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29Y2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 25 08:35:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 12:45:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.318	152	3878	0.400	ng/ul	0.00
4) Naphthalene-d8	10.064	136	10251	0.400	ng/ul #	0.00
9) Acenaphthene-d10	13.977	164	6667	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.743	188	15324	0.400	ng/ul #	0.00
17) Chrysene-d12	20.985	240	10606	0.400	ng/ul #	0.00
23) Perylene-d12	23.083	264	8362m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	8080	2.280	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.670	152	3116	0.207	ng/ul	0.00
18) Fluoranthene-d10	18.795	212	9515	0.325	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.113	128	1231	0.048	ng/ul#	86
7) 2-Methylnaphthalene	11.747	142	562	0.031	ng/ul	92
8) 1-Methylnaphthalene	11.972	142	533	0.029	ng/ul	92
10) Acenaphthylene	13.690	152	3823	0.145	ng/ul	94
11) Acenaphthene	14.041	153	522	0.026	ng/ul#	92
12) Fluorene	15.041	166	1674	0.070	ng/ul#	91
15) Phenanthrene	16.785	178	22650	0.559	ng/ul	99
16) Anthracene	16.878	178	5109	0.136	ng/ul#	95
19) Fluoranthene	18.823	202	43953	1.190	ng/ul#	93
20) Pyrene	19.195	202	36965	0.962	ng/ul#	93
21) Benzo(a)anthracene	20.970	228	17426	0.474	ng/ul	94
22) Chrysene	21.020	228	18307	0.494	ng/ul	98
24) Benzo(b)fluoranthene	22.469	252	19236m	0.696	ng/ul	
25) Benzo(k)fluoranthene	22.507	252	7055m	0.248	ng/ul	
26) Benzo(a)pyrene	22.995	252	12468m	0.494	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.131	276	7879m	0.231	ng/ul	
28) Dibenzo(a,h)anthracene	25.141	278	1861m	0.070	ng/ul	
29) Benzo(g,h,i)perylene	25.748	276	7682m	0.286	ng/ul	

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

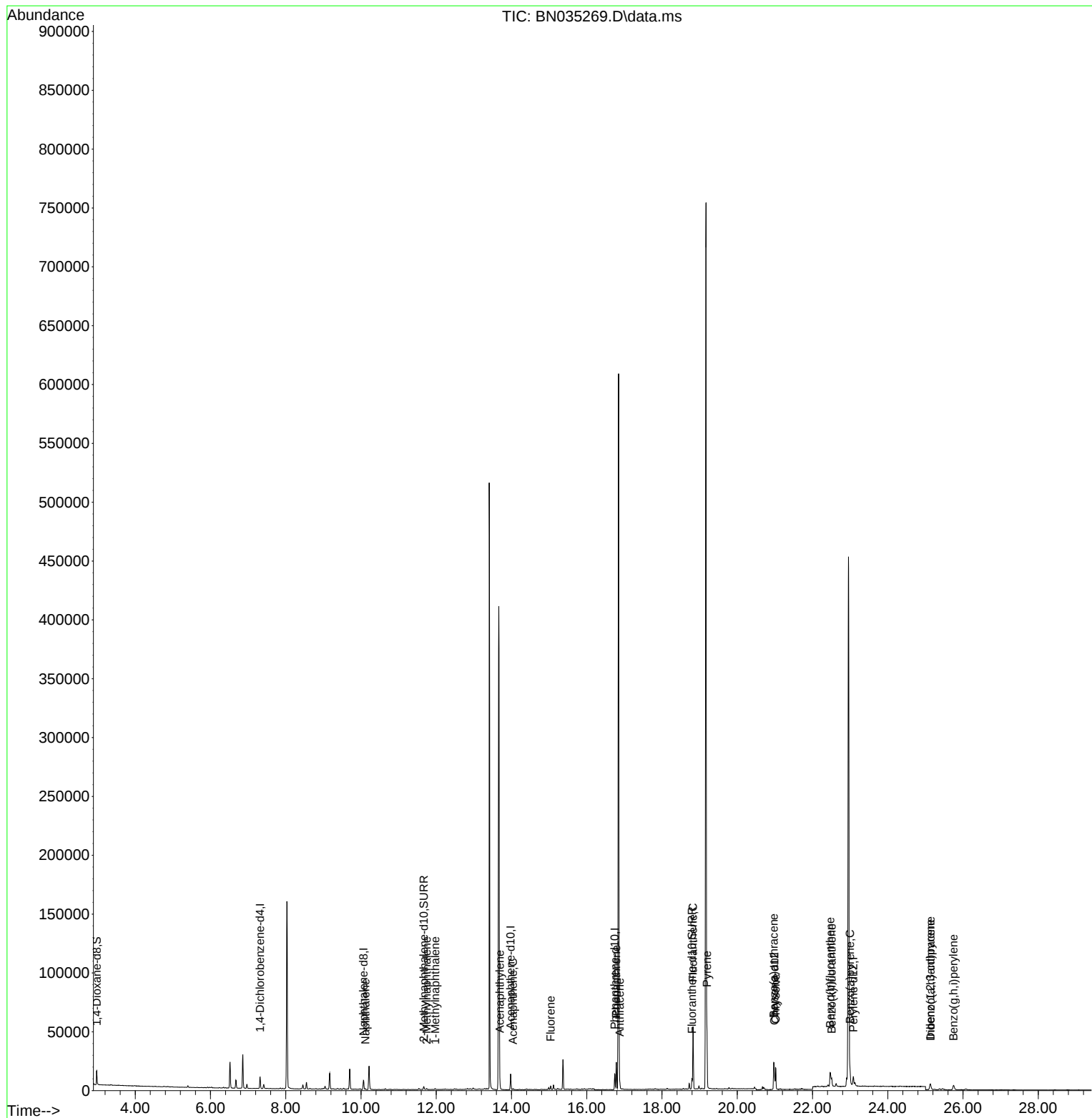
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035269.D
Acq On : 23 Nov 2024 08:47
Operator : RC/JU
Sample : P4872-15
Misc :
ALS Vial : 36 Sample Multiplier: 1

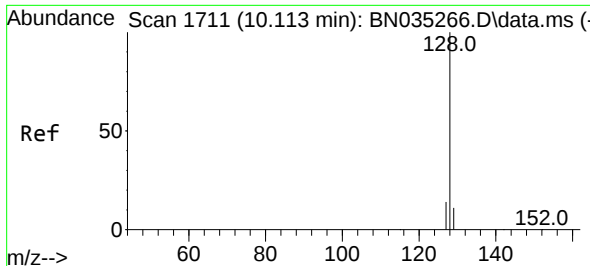
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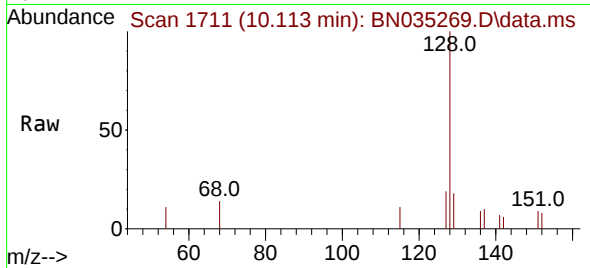
Quant Time: Nov 25 08:35:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN11624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.048 ng/ul
RT: 10.113 min Scan# 1711
Delta R.T. -0.005 min
Lab File: BN035269.D
Acq: 23 Nov 2024 08:47

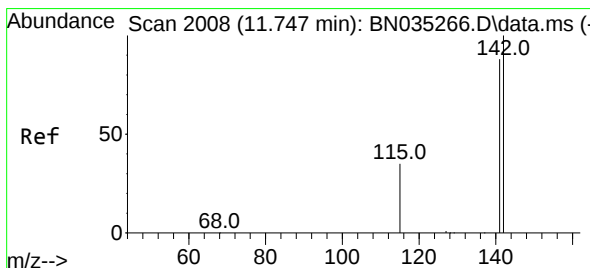
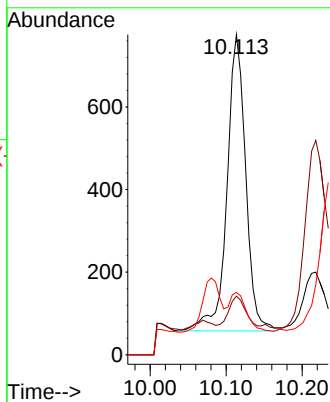
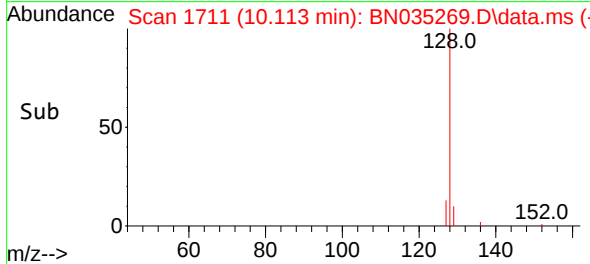
Instrument :
BNA_N
ClientSampleId :
E29Y2



Tgt Ion:128 Resp: 123
Ion Ratio Lower Upper
128 100
129 18.3 9.9 14.9
127 19.5 11.4 17.2

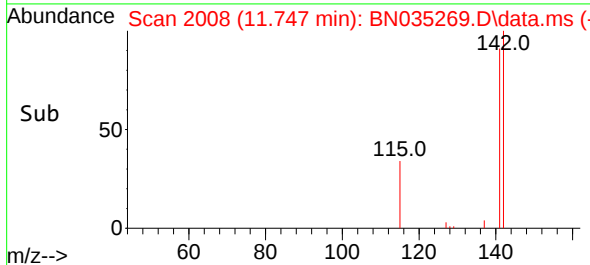
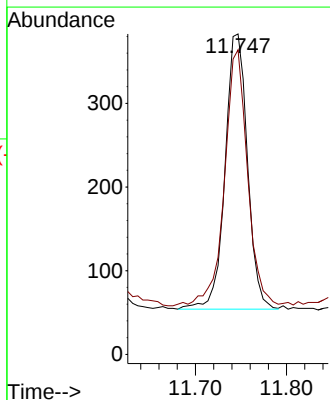
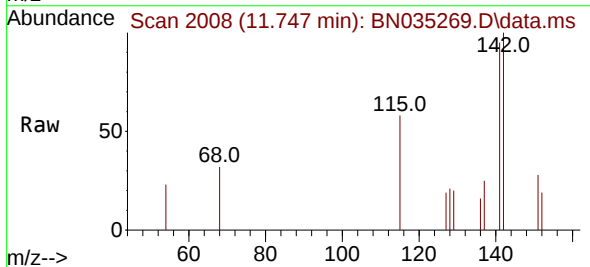
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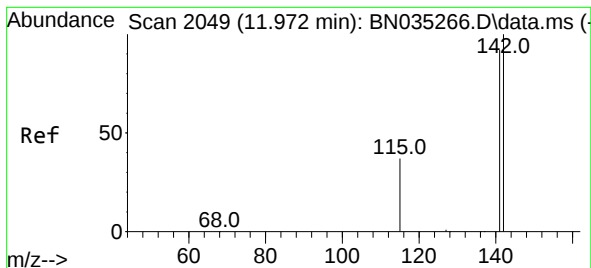
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 11.747 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN035269.D
Acq: 23 Nov 2024 08:47

Tgt Ion:142 Resp: 562
Ion Ratio Lower Upper
142 100
141 95.7 70.4 105.6





#8

1-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 11.972 min Scan# 2049

Delta R.T. 0.000 min

Lab File: BN035269.D

Acq: 23 Nov 2024 08:47

Instrument :

BNA_N

ClientSampleId :

E29Y2

Tgt Ion:142 Resp: 538

Ion Ratio Lower Upper

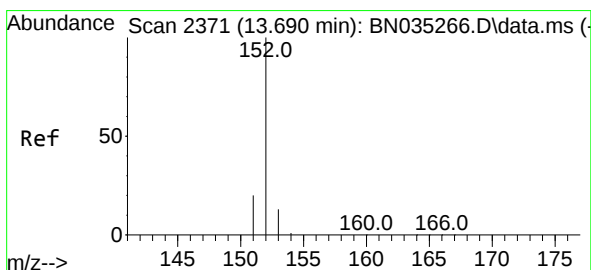
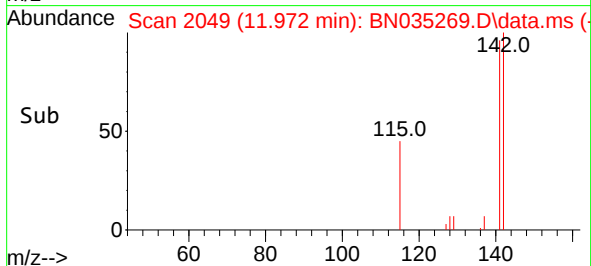
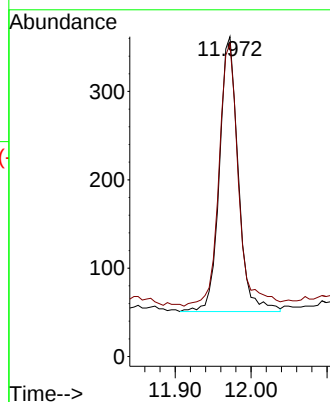
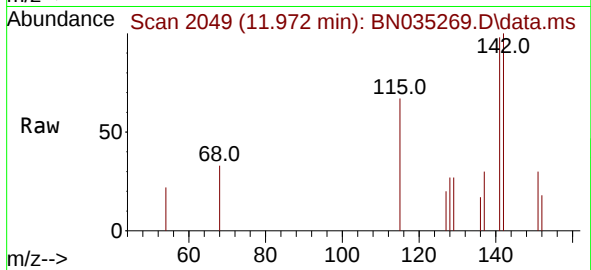
142 100

141 98.7 73.1 109.7

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#10

Acenaphthylene

Concen: 0.145 ng/ul

RT: 13.690 min Scan# 2371

Delta R.T. 0.000 min

Lab File: BN035269.D

Acq: 23 Nov 2024 08:47

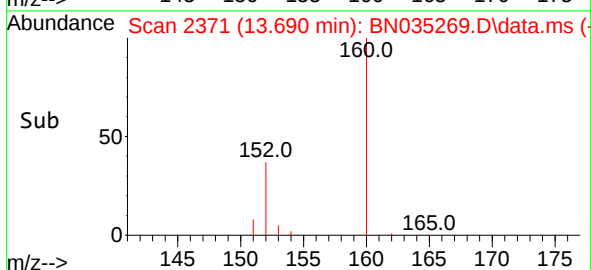
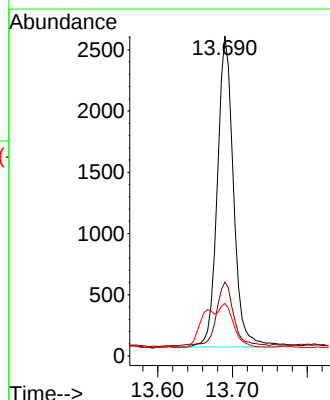
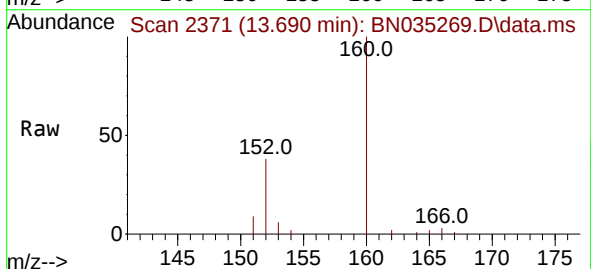
Tgt Ion:152 Resp: 3823

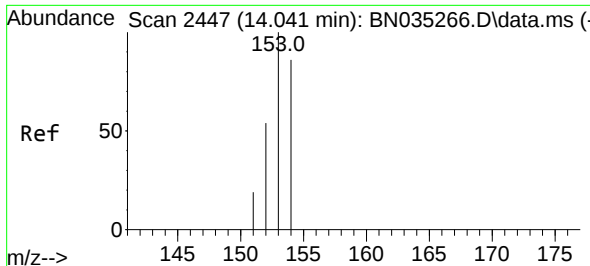
Ion Ratio Lower Upper

152 100

151 23.1 16.4 24.6

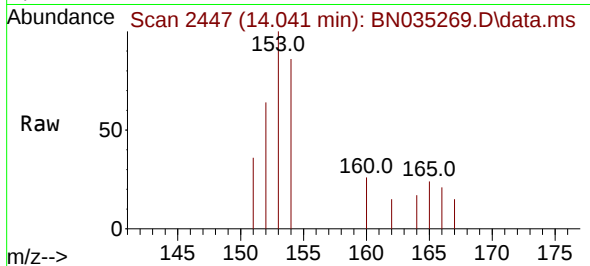
153 16.4 11.1 16.7





#11
Acenaphthene
Concen: 0.026 ng/u1
RT: 14.041 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BN035269.D
Acq: 23 Nov 2024 08:47

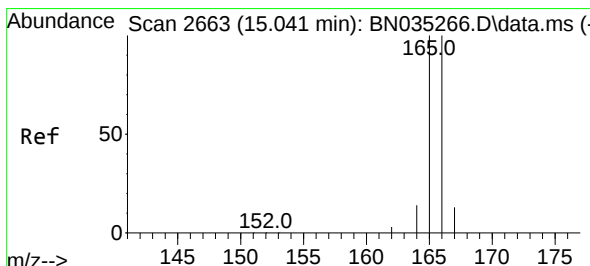
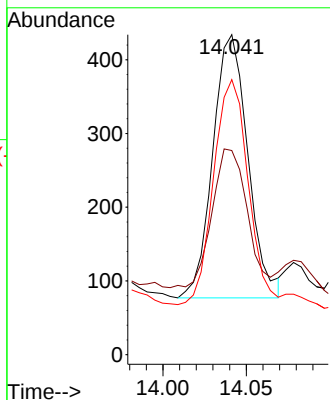
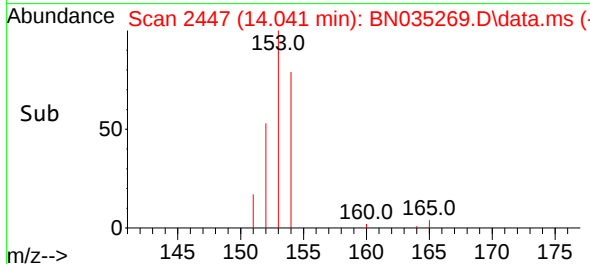
Instrument :
BNA_N
ClientSampleId :
E29Y2



Tgt Ion:153 Resp: 520
Ion Ratio Lower Upper
153 100
152 63.8 41.4 62.0
154 85.9 71.2 106.8

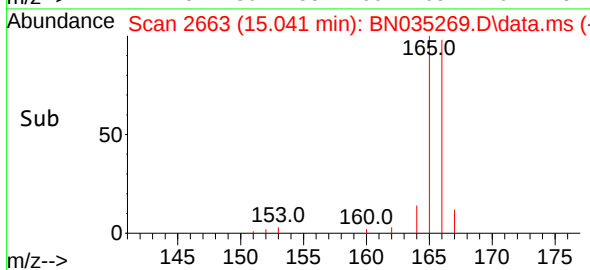
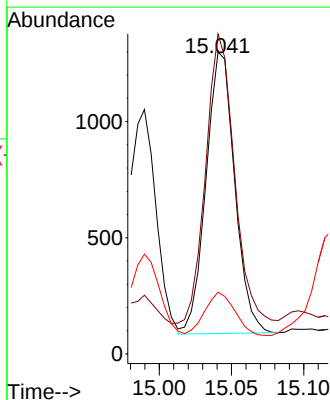
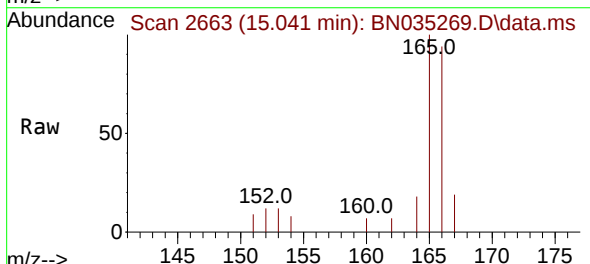
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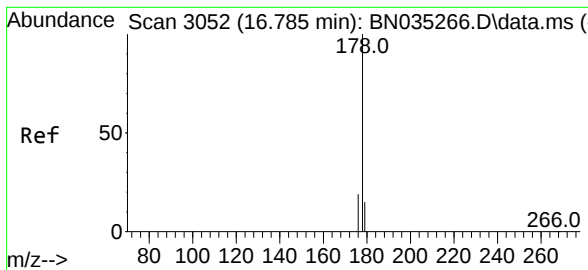
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#12
Fluorene
Concen: 0.070 ng/u1
RT: 15.041 min Scan# 2663
Delta R.T. -0.005 min
Lab File: BN035269.D
Acq: 23 Nov 2024 08:47

Tgt Ion:166 Resp: 1674
Ion Ratio Lower Upper
166 100
165 106.0 78.6 118.0
167 20.5 11.8 17.6#





#15

Phenanthrene

Concen: 0.559 ng/ul

RT: 16.785 min Scan# 3052

Delta R.T. -0.004 min

Lab File: BN035269.D

Acq: 23 Nov 2024 08:47

Instrument :

BNA_N

ClientSampleId :

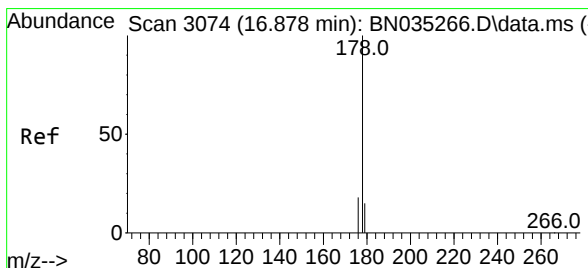
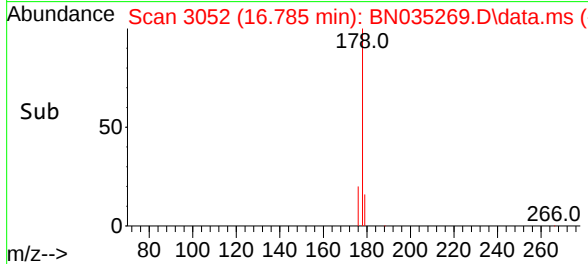
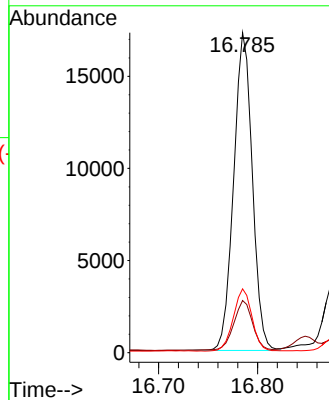
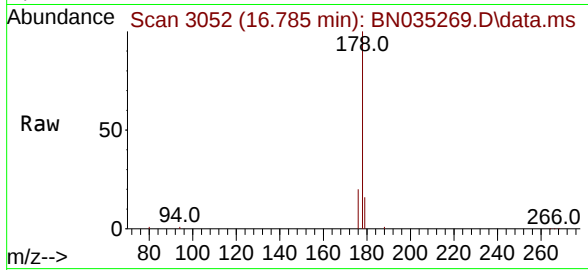
E29Y2

Tgt Ion:178	Resp:	22650
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.9 19.3
176	20.0	15.6 23.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#16

Anthracene

Concen: 0.136 ng/ul

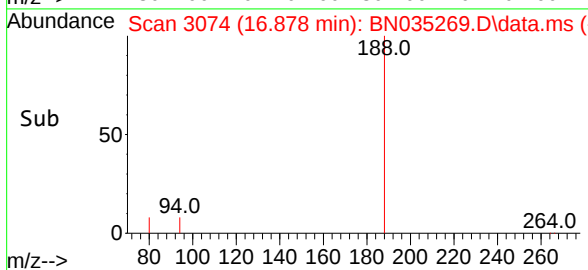
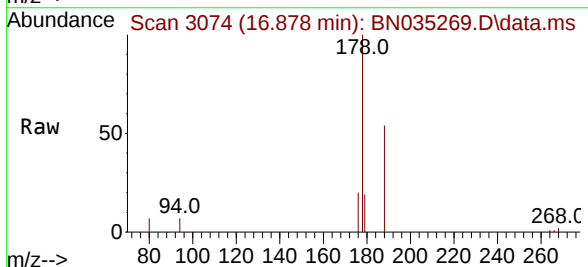
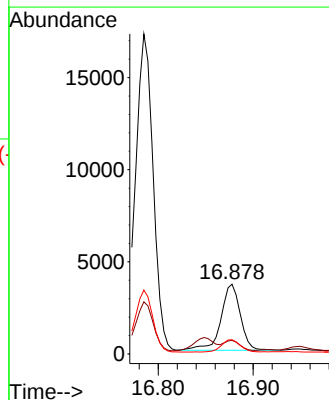
RT: 16.878 min Scan# 3074

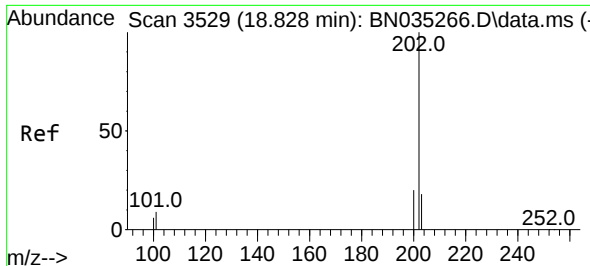
Delta R.T. -0.004 min

Lab File: BN035269.D

Acq: 23 Nov 2024 08:47

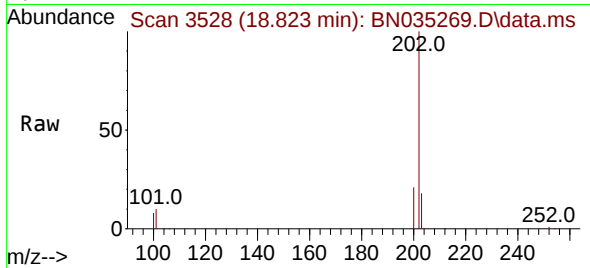
Tgt Ion:178	Resp:	5109
Ion Ratio	Lower	Upper
178	100	
179	19.5	12.9 19.3
176	20.5	15.4 23.2





#19
Fluoranthene
Concen: 1.190 ng/u1
RT: 18.823 min Scan# 3529
Delta R.T. -0.009 min
Lab File: BN035269.D
Acq: 23 Nov 2024 08:47

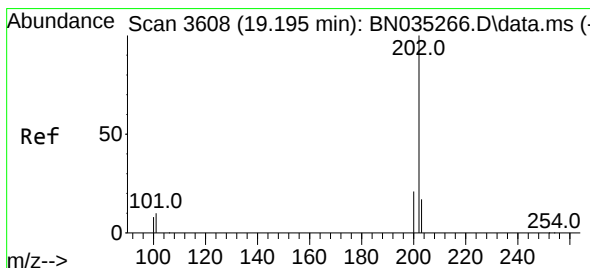
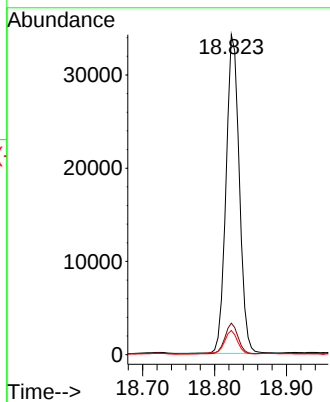
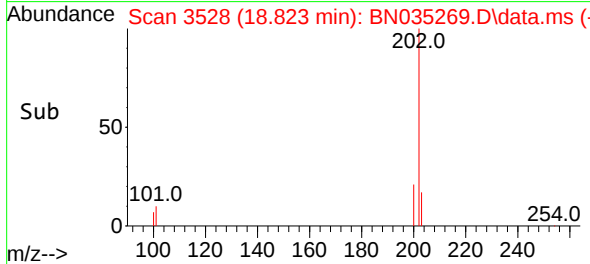
Instrument :
BNA_N
ClientSampleId :
E29Y2



Tgt Ion:202 Resp: 4395
Ion Ratio Lower Upper
202 100
101 9.8 5.8 8.6
100 7.6 4.5 6.7

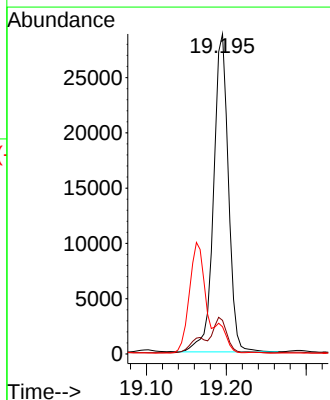
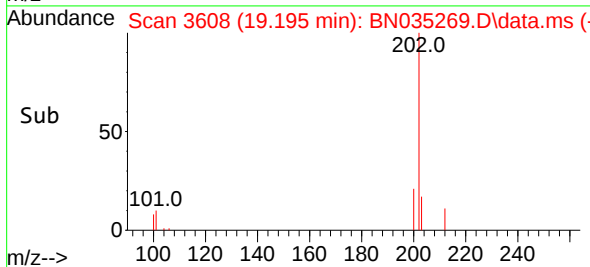
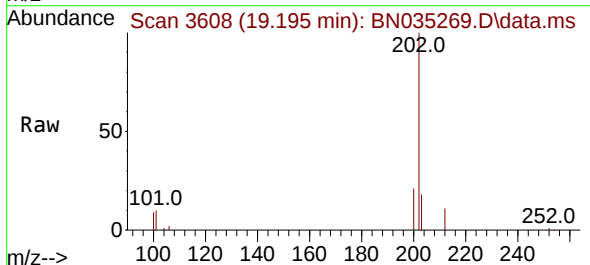
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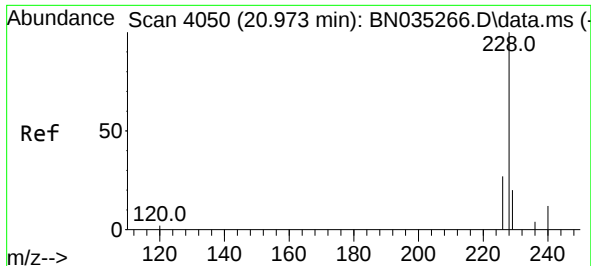
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#20
Pyrene
Concen: 0.962 ng/u1
RT: 19.195 min Scan# 3608
Delta R.T. -0.005 min
Lab File: BN035269.D
Acq: 23 Nov 2024 08:47

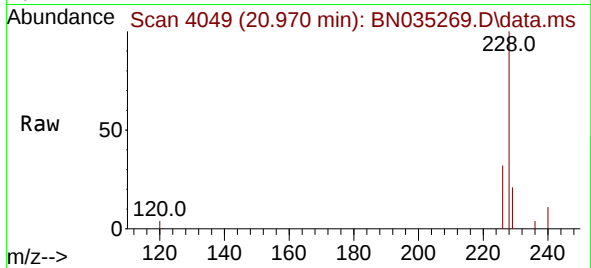
Tgt Ion:202 Resp: 36965
Ion Ratio Lower Upper
202 100
101 10.5 6.2 9.4#
100 8.5 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.474 ng/ul
RT: 20.970 min Scan# 4050
Delta R.T. -0.009 min
Lab File: BN035269.D
Acq: 23 Nov 2024 08:47

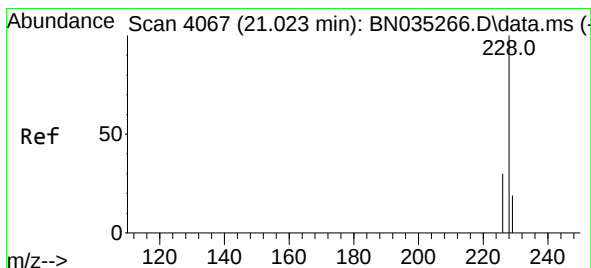
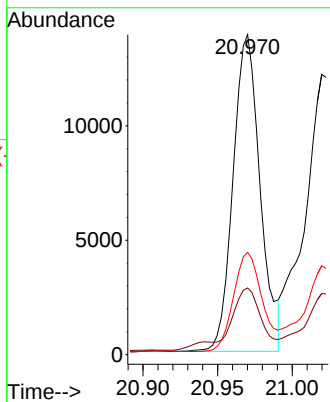
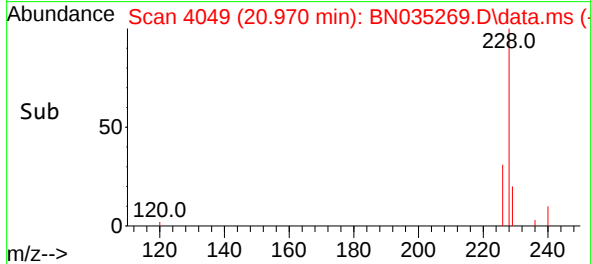
Instrument :
BNA_N
ClientSampleId :
E29Y2



Tgt Ion:228 Resp: 17420
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 32.0 21.8 32.8

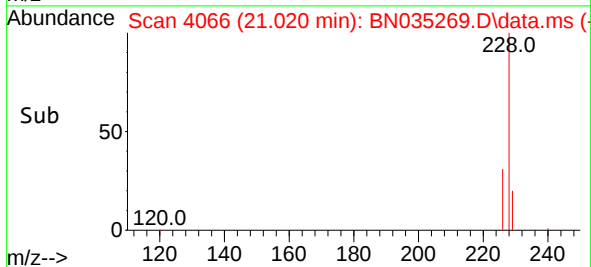
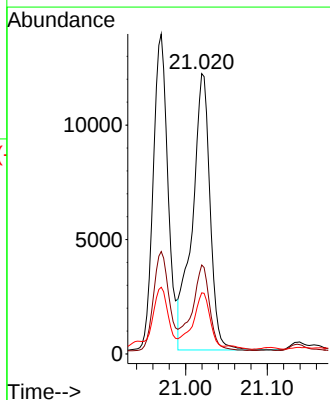
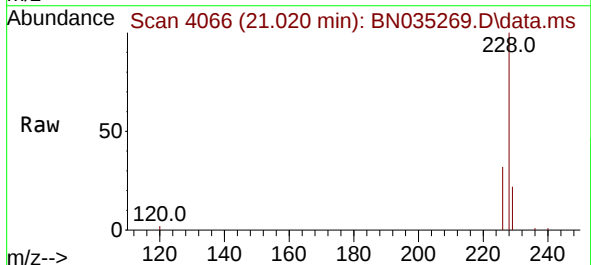
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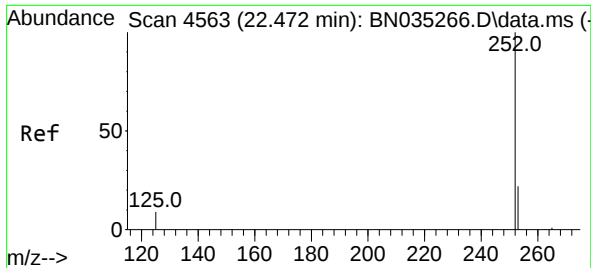
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#22
Chrysene
Concen: 0.494 ng/ul
RT: 21.020 min Scan# 4066
Delta R.T. -0.009 min
Lab File: BN035269.D
Acq: 23 Nov 2024 08:47

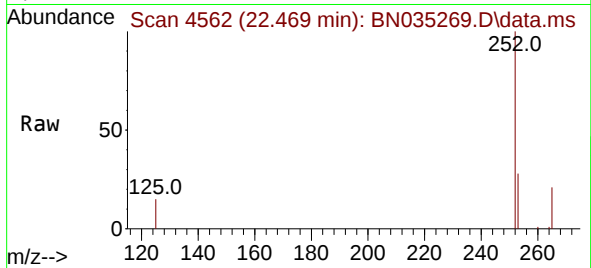
Tgt Ion:228 Resp: 18307
Ion Ratio Lower Upper
228 100
226 31.7 24.7 37.1
229 21.8 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.696 ng/ul m
RT: 22.469 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BN035269.D
Acq: 23 Nov 2024 08:47

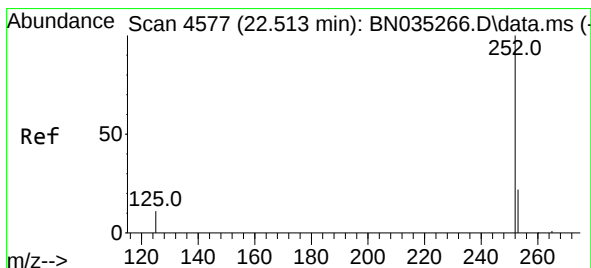
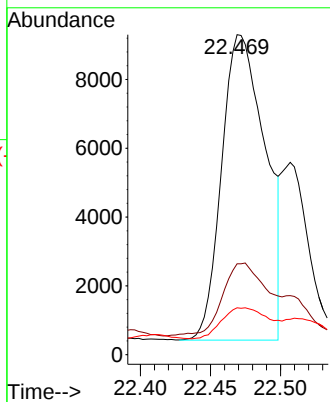
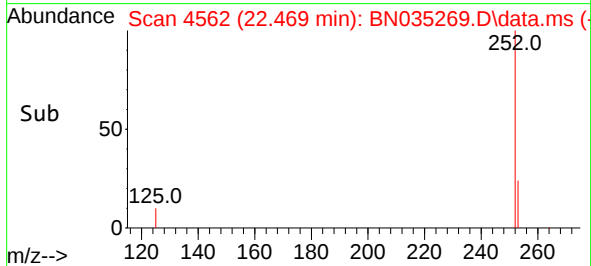
Instrument :
BNA_N
ClientSampleId :
E29Y2



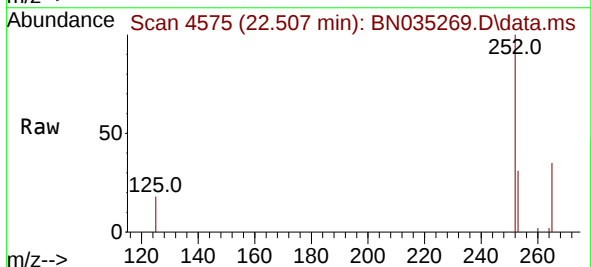
Tgt Ion:252 Resp: 19230
Ion Ratio Lower Upper
252 100
253 28.4 0.0 54.0
125 14.6 0.0 19.4

Manual Integrations
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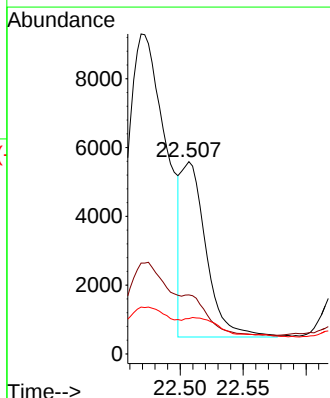
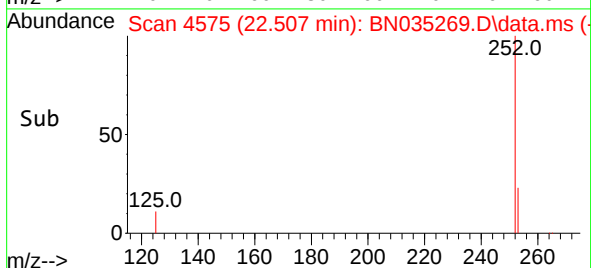
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024

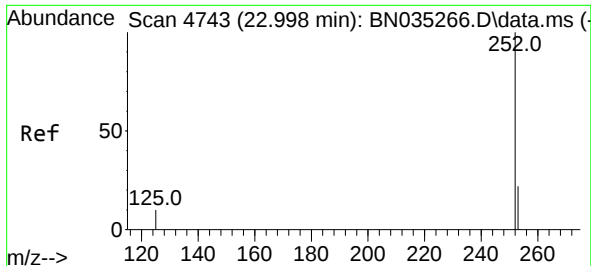


#25
Benzo(k)fluoranthene
Concen: 0.248 ng/ul m
RT: 22.507 min Scan# 4575
Delta R.T. -0.015 min
Lab File: BN035269.D
Acq: 23 Nov 2024 08:47



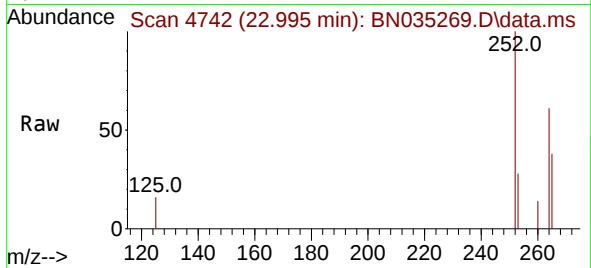
Tgt Ion:252 Resp: 7055
Ion Ratio Lower Upper
252 100
253 30.7 21.8 32.6
125 18.4 8.6 12.8





#26
Benzo(a)pyrene
Concen: 0.494 ng/ul m
RT: 22.995 min Scan# 4743
Delta R.T. -0.015 min
Lab File: BN035269.D
Acq: 23 Nov 2024 08:47

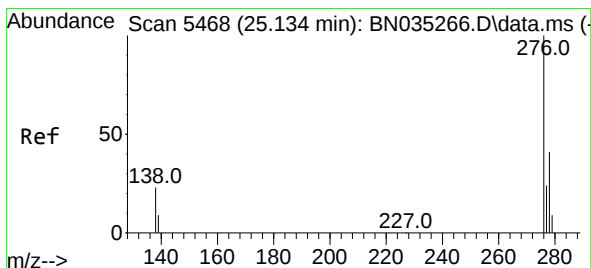
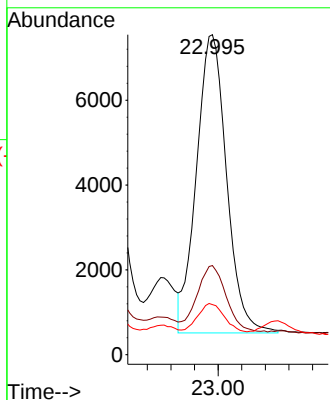
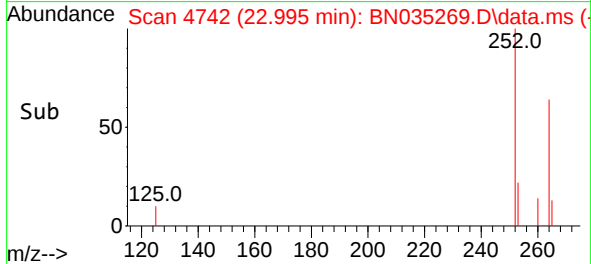
Instrument :
BNA_N
ClientSampleId :
E29Y2



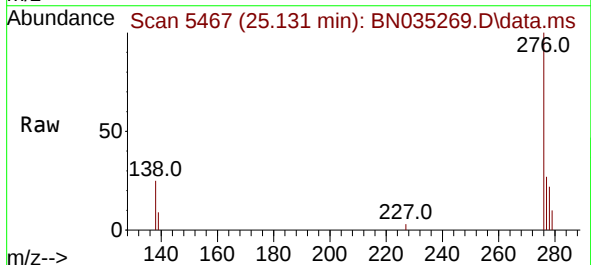
Tgt Ion:252 Resp: 12468
Ion Ratio Lower Upper
252 100
253 27.9 22.9 34.3
125 15.7 9.4 14.2

Manual Integrations
APPROVED

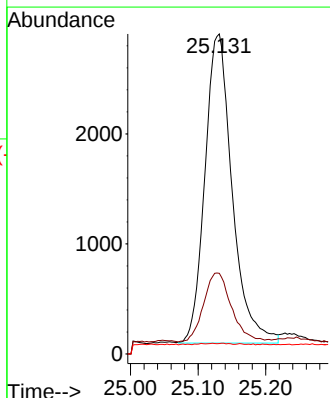
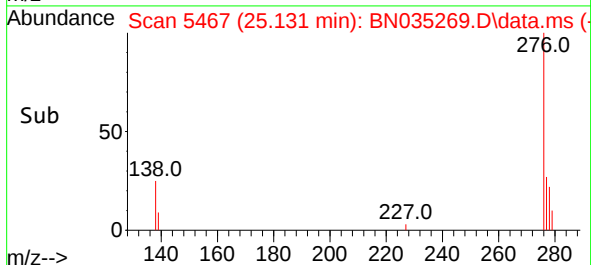
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024

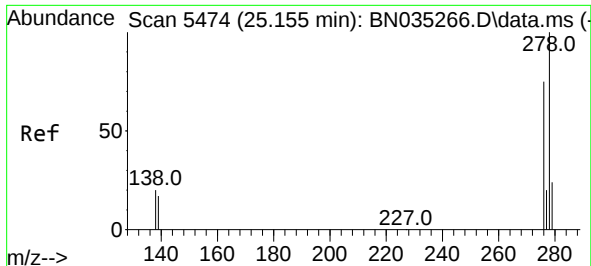


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.231 ng/ul m
RT: 25.131 min Scan# 5467
Delta R.T. -0.020 min
Lab File: BN035269.D
Acq: 23 Nov 2024 08:47



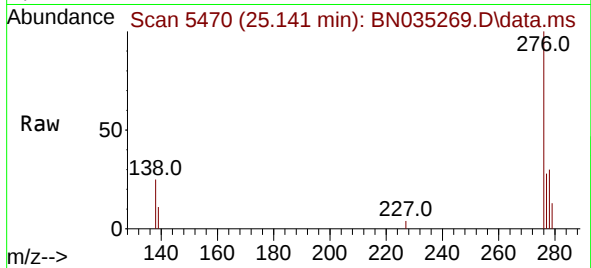
Tgt Ion:276 Resp: 7879
Ion Ratio Lower Upper
276 100
138 0.0 13.8 20.8#
227 0.0 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.070 ng/ul m
RT: 25.141 min Scan# 5474
Delta R.T. -0.030 min
Lab File: BN035269.D
Acq: 23 Nov 2024 08:47

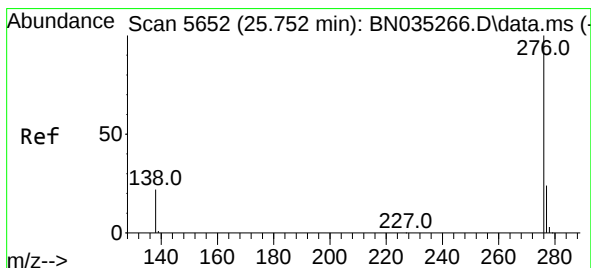
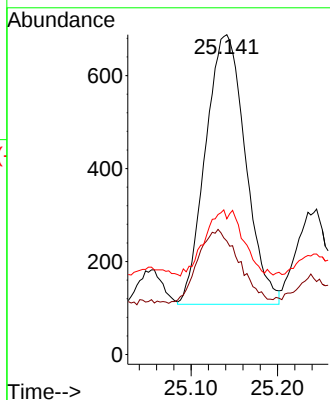
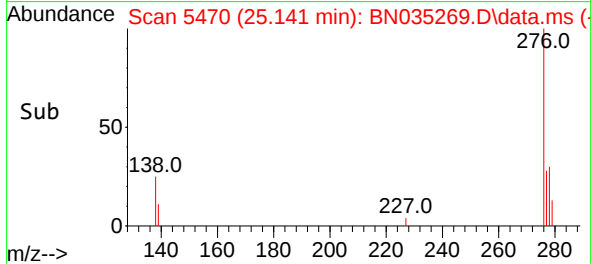
Instrument :
BNA_N
ClientSampleId :
E29Y2



Tgt Ion:278 Resp: 186
Ion Ratio Lower Upper
278 100
139 35.5 10.7 16.1
279 42.4 22.8 34.2

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.286 ng/ul m
RT: 25.748 min Scan# 5651
Delta R.T. -0.027 min
Lab File: BN035269.D
Acq: 23 Nov 2024 08:47

Tgt Ion:276 Resp: 7682
Ion Ratio Lower Upper
276 100
138 25.8 13.0 19.6
277 26.2 20.5 30.7

