

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
 Data File : BN035585.D
 Acq On : 12 Dec 2024 15:18
 Operator : RC/JU
 Sample : P5153-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28Q1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :mohammad ahmed 12/13/2024

Quant Time: Dec 12 15:47:03 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 : Tue Dec 10 16:10:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.288	152	3546	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	10091	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.949	164	6343	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	11429m	0.400	ng/ul	0.00
17) Chrysene-d12	20.973	240	7962	0.400	ng/ul	# 0.01
23) Perylene-d12	23.086	264	8238m	0.400	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.968	96	13703	4.228	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	3937	0.266	ng/ul	0.00
18) Fluoranthene-d10	18.772	212	7237	0.329	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.080	128	10540	0.415	ng/ul	99
7) 2-Methylnaphthalene	11.714	142	6982	0.396	ng/ul	98
8) 1-Methylnaphthalene	11.939	142	4260	0.239	ng/ul	98
10) Acenaphthylene	13.662	152	5257	0.209	ng/ul#	90
11) Acenaphthene	14.014	153	566	0.029	ng/ul#	88
12) Fluorene	15.018	166	1729	0.077	ng/ul#	84
14) Pentachlorophenol	16.380	266	90	0.034	ng/ul	96
15) Phenanthrene	16.760	178	26238	0.868	ng/ul	95
16) Anthracene	16.852	178	12137	0.433	ng/ul#	88
19) Fluoranthene	18.805	202	33226	1.199	ng/ul#	96
20) Pyrene	19.172	202	29045	1.007	ng/ul#	92
21) Benzo(a)anthracene	20.958	228	14858	0.538	ng/ul#	44
22) Chrysene	21.008	228	26596	0.957	ng/ul#	61
24) Benzo(b)fluoranthene	22.466	252	34656m	1.273	ng/ul	
25) Benzo(k)fluoranthene	22.501	252	10986m	0.391	ng/ul	
26) Benzo(a)pyrene	22.992	252	16146m	0.649	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.131	276	18798m	0.559	ng/ul	
29) Benzo(g,h,i)perylene	25.752	276	23207m	0.876	ng/ul	

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

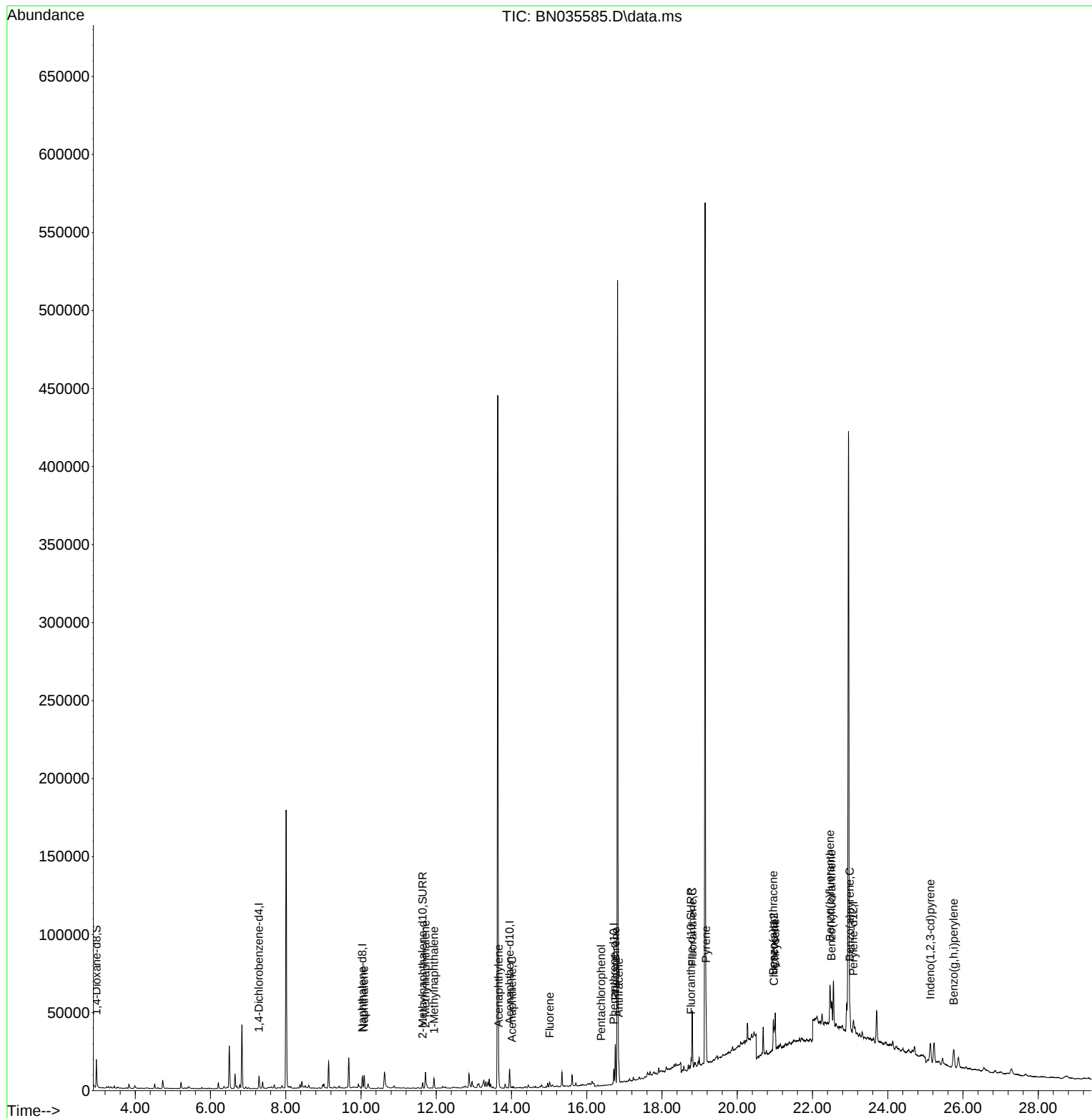
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035585.D
Acq On : 12 Dec 2024 15:18
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ALS Vial : 8 Sample Multiplier: 1

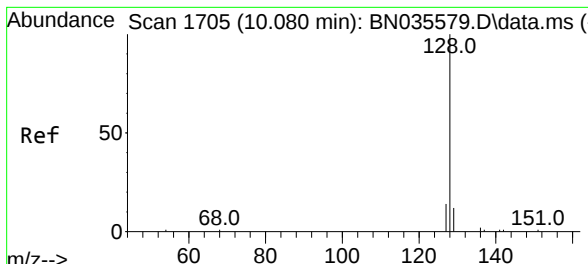
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
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#5
 Naphthalene
 Concen: 0.415 ng/ul
 RT: 10.080 min Scan# 1705
 Delta R.T. -0.005 min
 Lab File: BN035585.D
 Acq: 12 Dec 2024 15:18

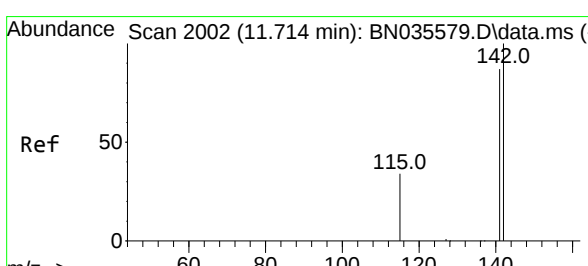
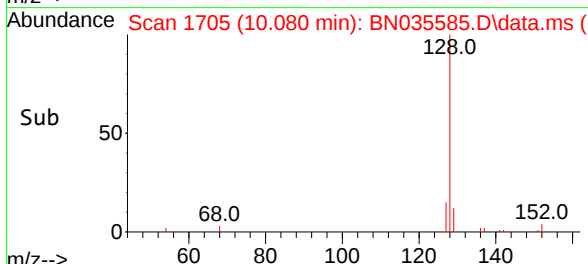
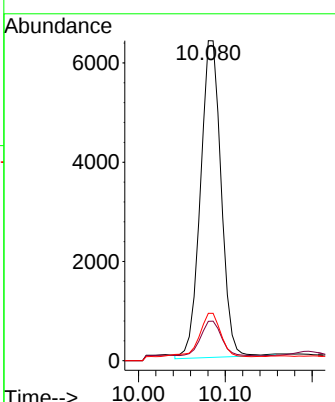
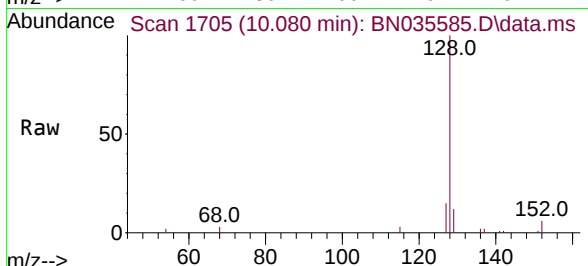
Instrument : BNA_N
 ClientSampleId : E28Q1

Tgt Ion:128 Resp: 10540

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.9	14.9
127	14.8	11.4	17.2

Manual Integrations
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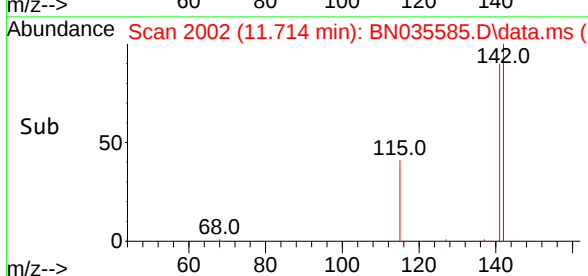
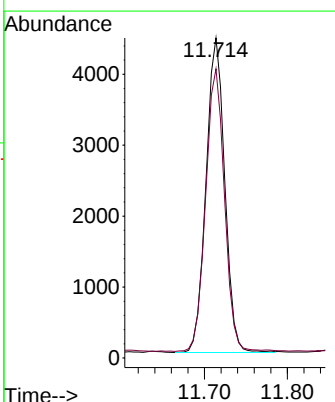
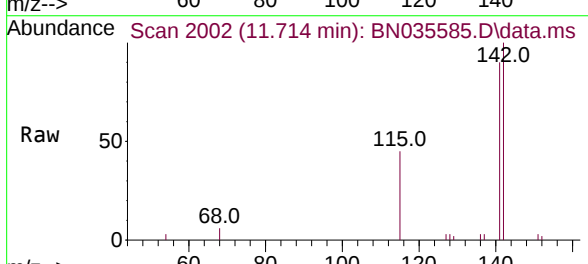
Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :mohammad ahmed 12/13/2024

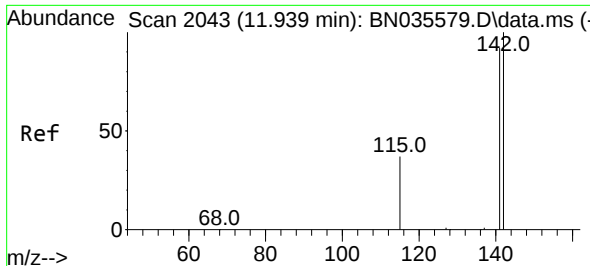


#7
 2-Methylnaphthalene
 Concen: 0.396 ng/ul
 RT: 11.714 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: BN035585.D
 Acq: 12 Dec 2024 15:18

Tgt Ion:142 Resp: 6982

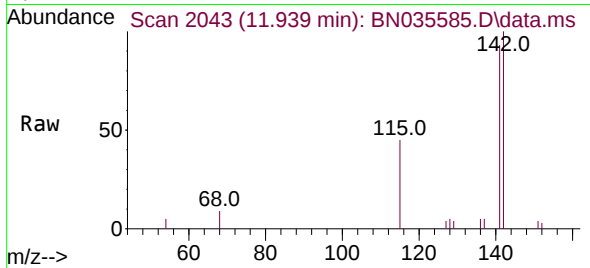
Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.4	105.6





#8
1-Methylnaphthalene
Concen: 0.239 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BN035585.D
Acq: 12 Dec 2024 15:18

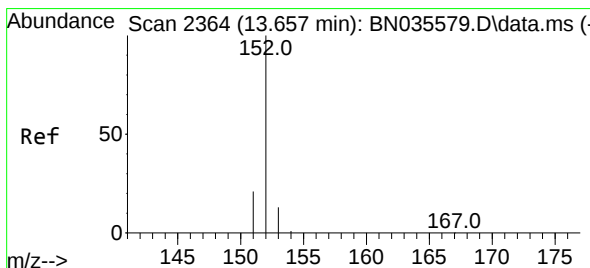
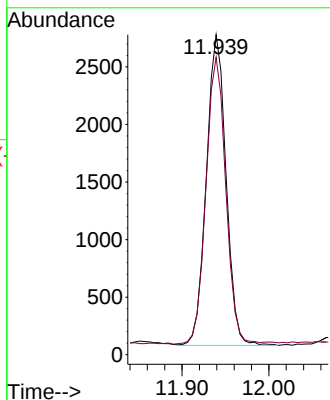
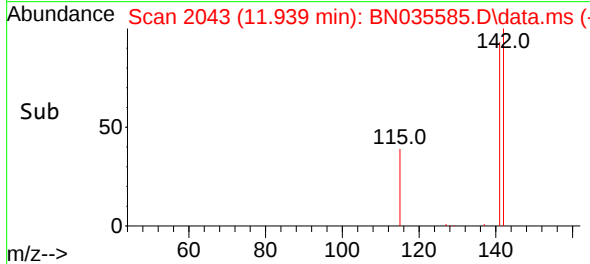
Instrument :
BNA_N
ClientSampleId :
E28Q1



Tgt Ion:142 Resp: 4260
Ion Ratio Lower Upper
142 100
141 93.2 73.1 109.7

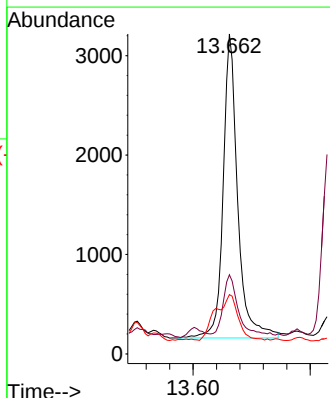
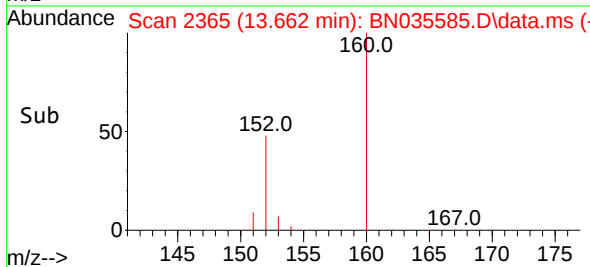
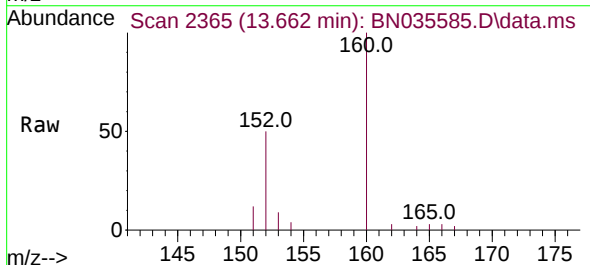
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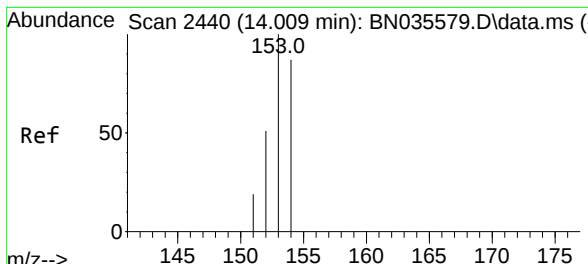
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#10
Acenaphthylene
Concen: 0.209 ng/ul
RT: 13.662 min Scan# 2365
Delta R.T. 0.000 min
Lab File: BN035585.D
Acq: 12 Dec 2024 15:18

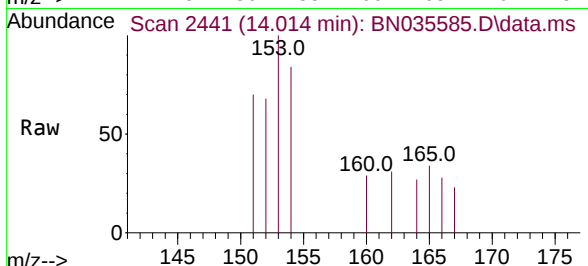
Tgt Ion:152 Resp: 5257
Ion Ratio Lower Upper
152 100
151 24.7 16.4 24.6#
153 18.5 11.1 16.7#





#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.014 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN035585.D
Acq: 12 Dec 2024 15:18

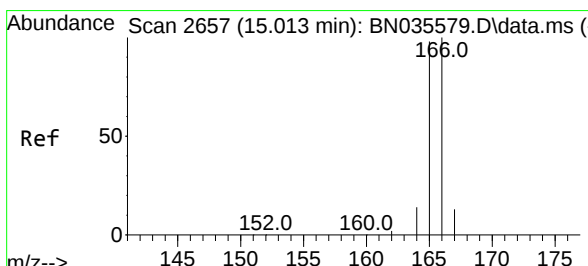
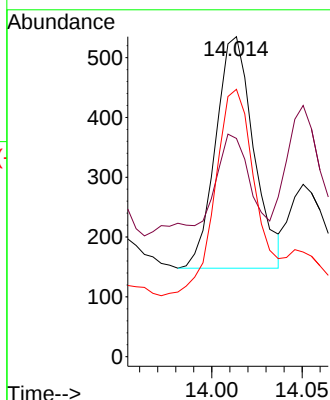
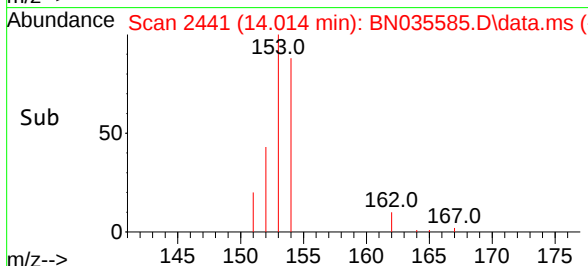
Instrument :
BNA_N
ClientSampleId :
E28Q1



Tgt Ion:153 Resp: 560
Ion Ratio Lower Upper
153 100
152 68.2 41.4 62.0
154 83.6 71.2 106.8

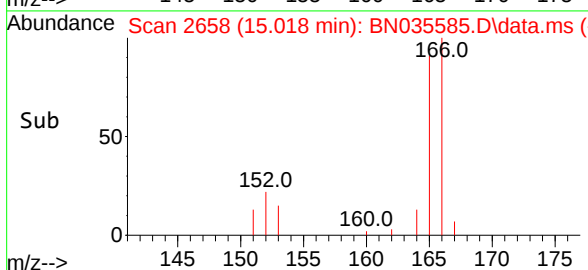
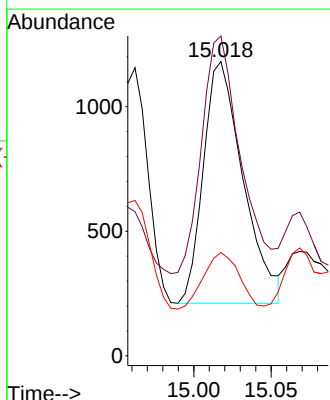
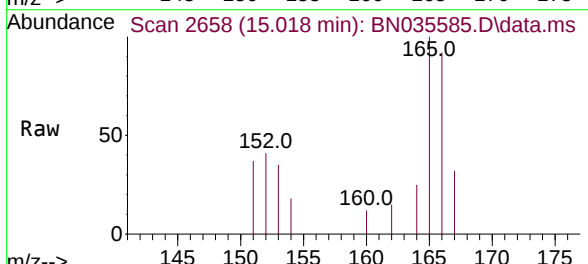
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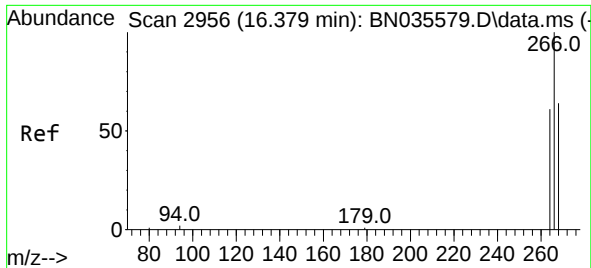
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#12
Fluorene
Concen: 0.077 ng/ul
RT: 15.018 min Scan# 2658
Delta R.T. 0.000 min
Lab File: BN035585.D
Acq: 12 Dec 2024 15:18

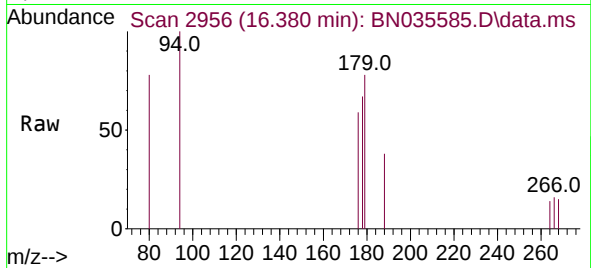
Tgt Ion:166 Resp: 1729
Ion Ratio Lower Upper
166 100
165 108.7 78.6 118.0
167 35.1 11.8 17.6#





#14
Pentachlorophenol
Concen: 0.034 ng/ul
RT: 16.380 min Scan# 2956
Delta R.T. 0.000 min
Lab File: BN035585.D
Acq: 12 Dec 2024 15:18

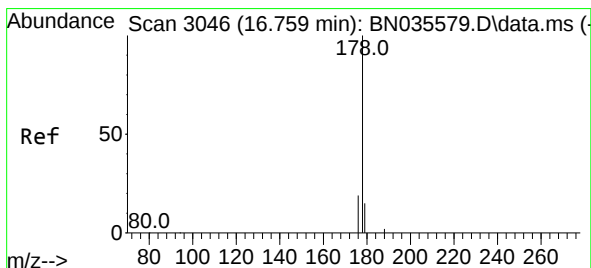
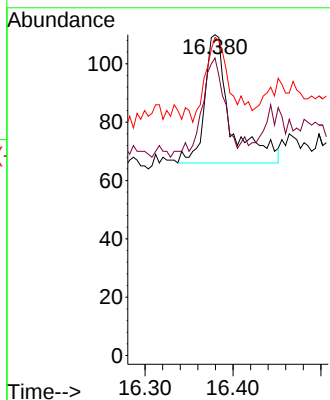
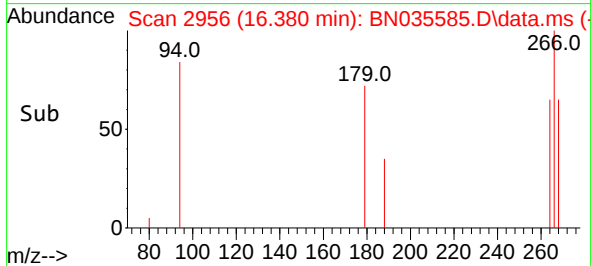
Instrument :
BNA_N
ClientSampleId :
E28Q1



Tgt Ion:266 Resp: 90
Ion Ratio Lower Upper
266 100
264 67.8 51.8 77.6
268 61.1 51.3 76.9

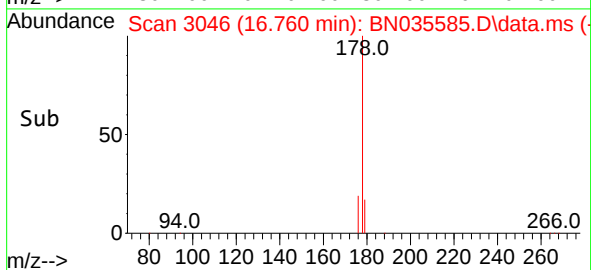
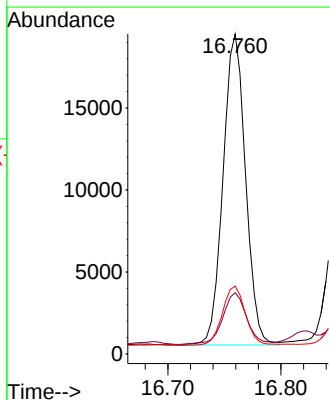
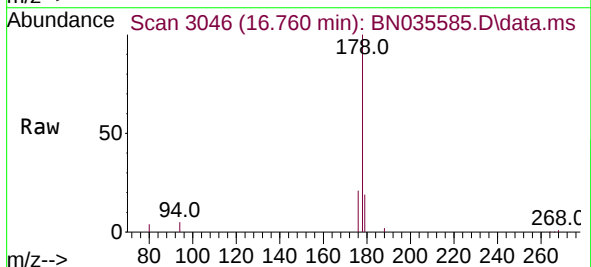
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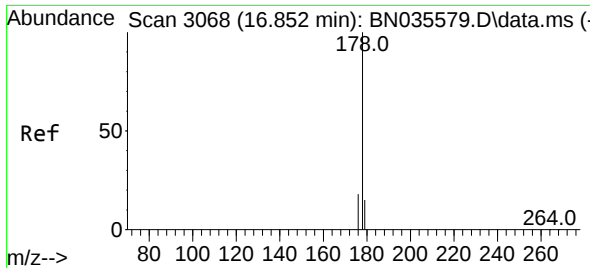
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#15
Phenanthrene
Concen: 0.868 ng/ul
RT: 16.760 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BN035585.D
Acq: 12 Dec 2024 15:18

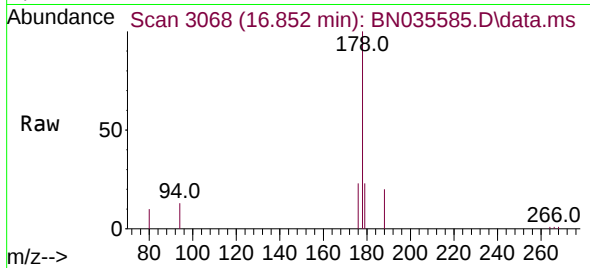
Tgt Ion:178 Resp: 26238
Ion Ratio Lower Upper
178 100
179 19.2 12.9 19.3
176 21.2 15.6 23.4





#16
 Anthracene
 Concen: 0.433 ng/u1
 RT: 16.852 min Scan# 3068
 Delta R.T. 0.004 min
 Lab File: BN035585.D
 Acq: 12 Dec 2024 15:18

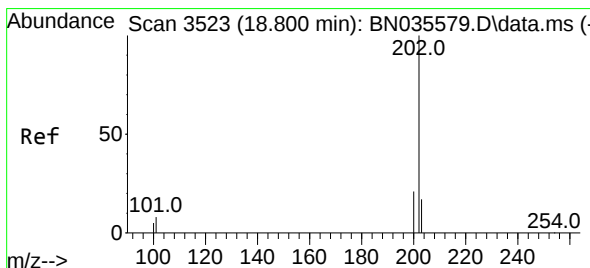
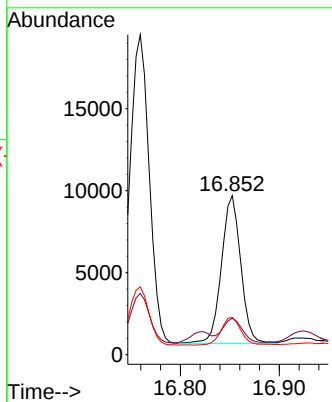
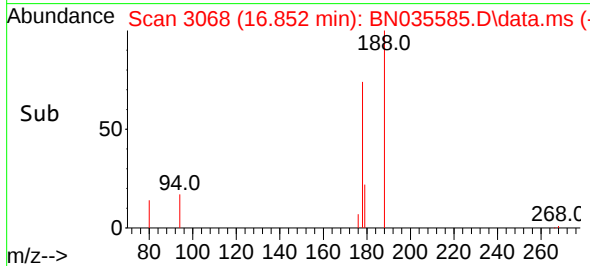
Instrument :
 BNA_N
 ClientSampleId :
 E28Q1



Tgt Ion:178 Resp: 1213
 Ion Ratio Lower Upper
 178 100
 179 22.9 12.9 19.3#
 176 23.4 15.4 23.2#

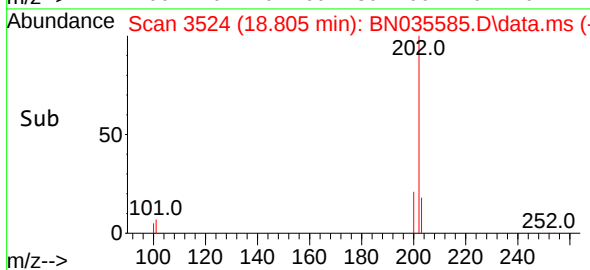
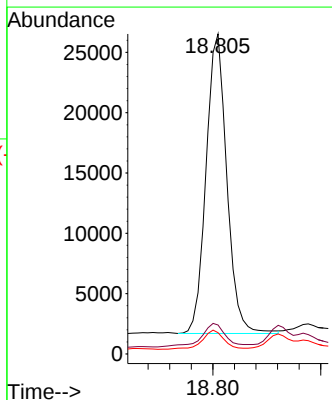
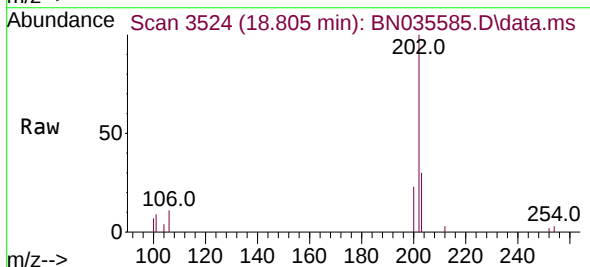
Manual Integrations
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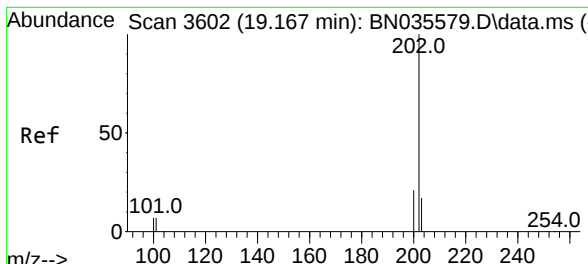
Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :mohammad ahmed 12/13/2024



#19
 Fluoranthene
 Concen: 1.199 ng/u1
 RT: 18.805 min Scan# 3524
 Delta R.T. 0.005 min
 Lab File: BN035585.D
 Acq: 12 Dec 2024 15:18

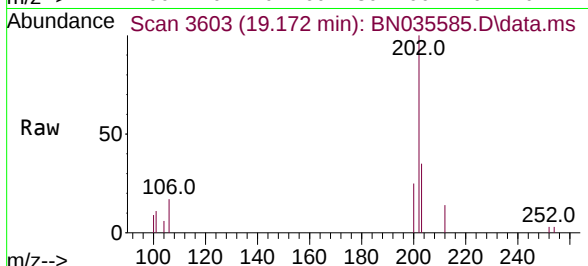
Tgt Ion:202 Resp: 33226
 Ion Ratio Lower Upper
 202 100
 101 9.1 5.8 8.6#
 100 6.6 4.5 6.7





#20
 Pyrene
 Concen: 1.007 ng/u1
 RT: 19.172 min Scan# 3603
 Delta R.T. 0.005 min
 Lab File: BN035585.D
 Acq: 12 Dec 2024 15:18

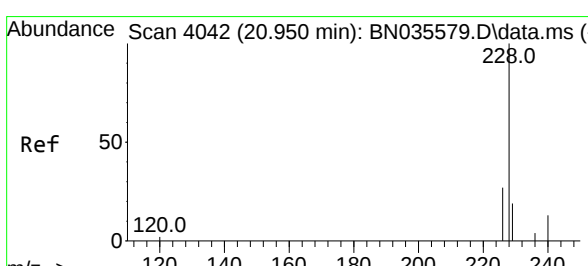
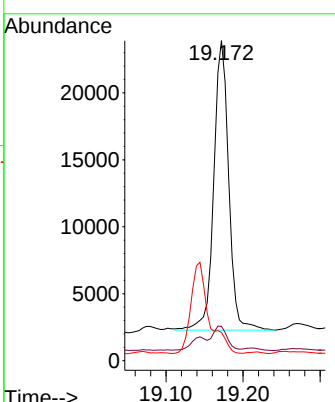
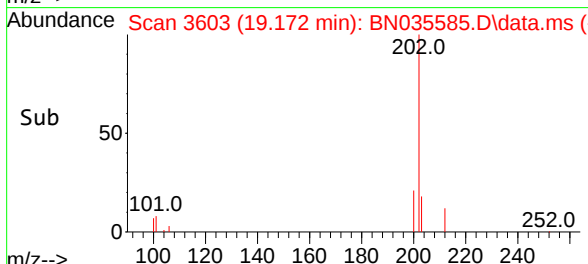
Instrument : BNA_N
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Tgt Ion: 202 Resp: 2904

Ion	Ratio	Lower	Upper
202	100		
101	10.7	6.2	9.4
100	8.9	5.1	7.7

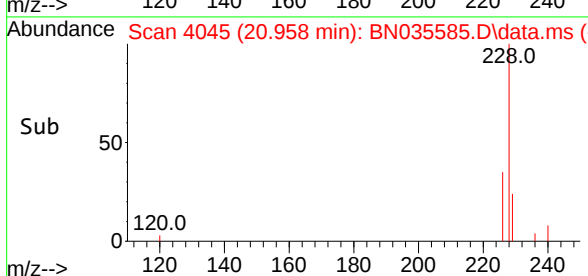
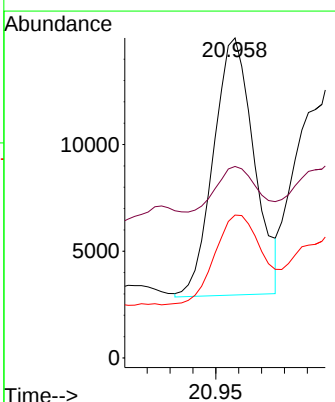
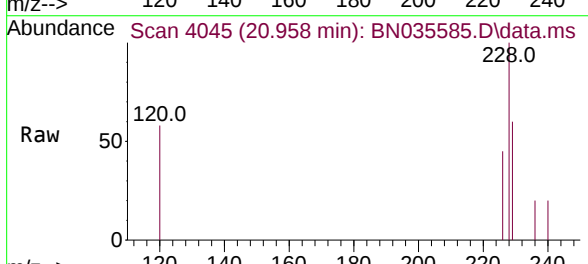
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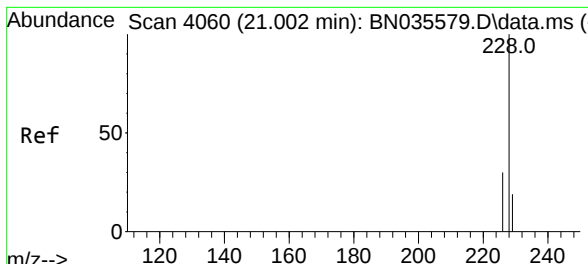


#21
 Benzo(a)anthracene
 Concen: 0.538 ng/u1
 RT: 20.958 min Scan# 4045
 Delta R.T. 0.012 min
 Lab File: BN035585.D
 Acq: 12 Dec 2024 15:18

Tgt Ion: 228 Resp: 14858

Ion	Ratio	Lower	Upper
228	100		
229	59.9	15.8	23.8
226	44.7	21.8	32.8





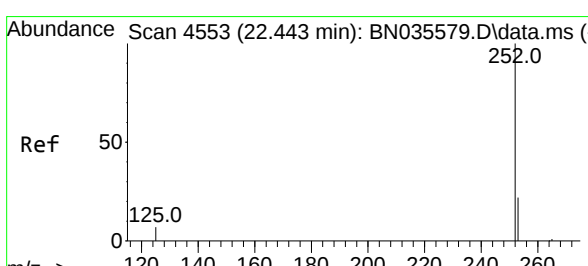
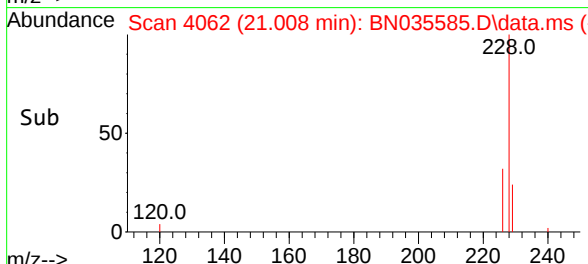
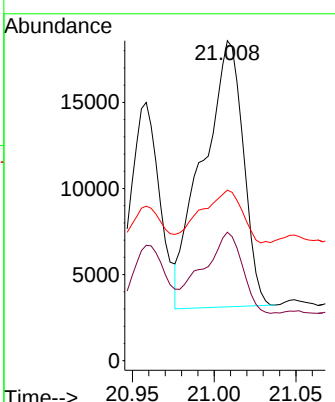
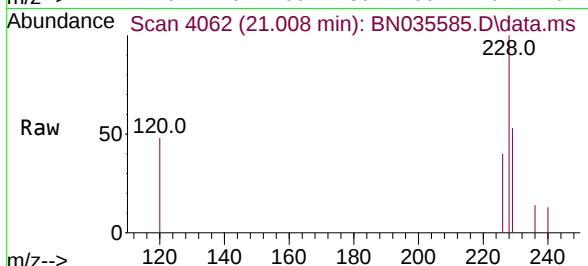
#22
 Chrysene
 Concen: 0.957 ng/ul
 RT: 21.008 min Scan# 4060
 Delta R.T. 0.012 min
 Lab File: BN035585.D
 Acq: 12 Dec 2024 15:18

Instrument : BNA_N
 ClientSampleId : E28Q1

Tgt Ion:228	Resp:	26590
Ion Ratio	Lower	Upper
228	100	
226	40.1	24.7 37.1
229	53.3	16.0 24.0

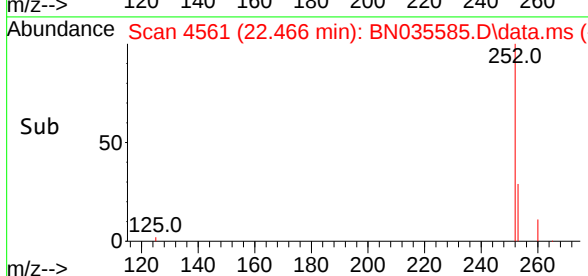
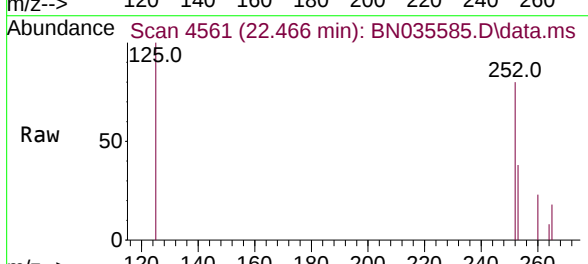
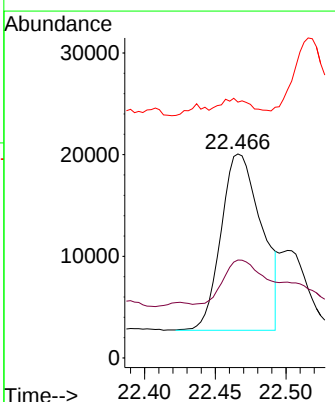
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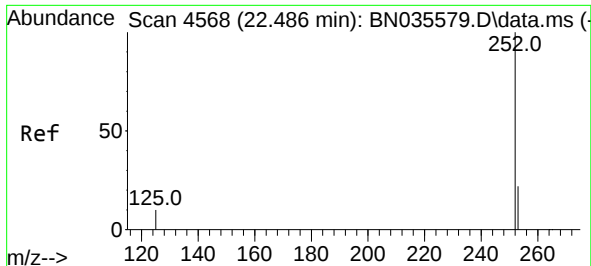
Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :mohammad ahmed 12/13/2024



#24
 Benzo(b)fluoranthene
 Concen: 1.273 ng/ul m
 RT: 22.466 min Scan# 4561
 Delta R.T. 0.026 min
 Lab File: BN035585.D
 Acq: 12 Dec 2024 15:18

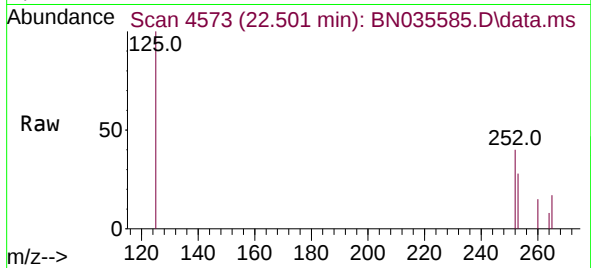
Tgt Ion:252	Resp:	34656
Ion Ratio	Lower	Upper
252	100	
253	48.0	0.0 54.0
125	125.5	0.0 19.4





#25
Benzo(k)fluoranthene
Concen: 0.391 ng/ul m
RT: 22.501 min Scan# 4573
Delta R.T. 0.021 min
Lab File: BN035585.D
Acq: 12 Dec 2024 15:18

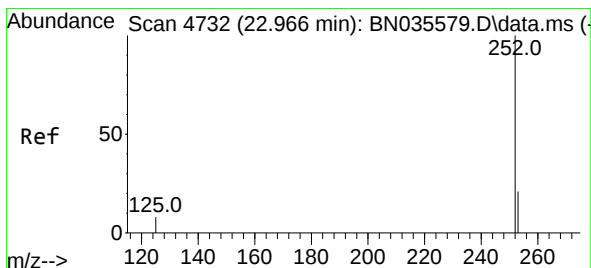
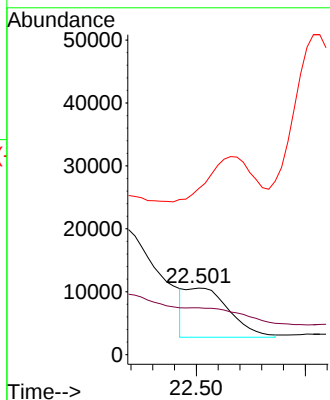
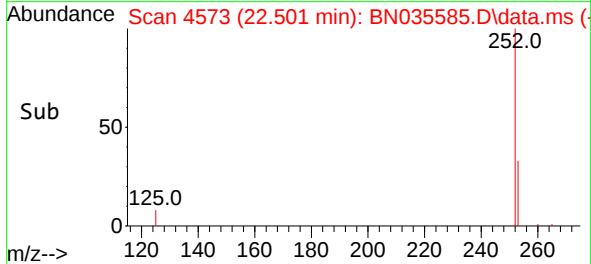
Instrument :
BNA_N
ClientSampleId :
E28Q1



Tgt Ion:252 Resp: 10980
Ion Ratio Lower Upper
252 100
253 70.5 21.8 32.6
125 249.3 8.6 12.8

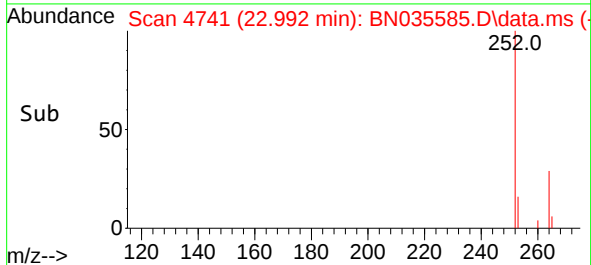
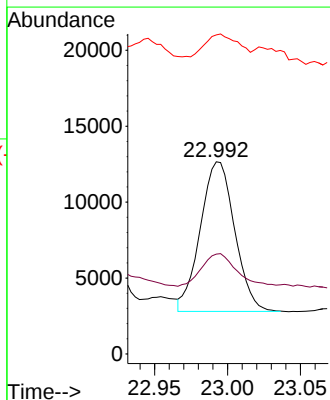
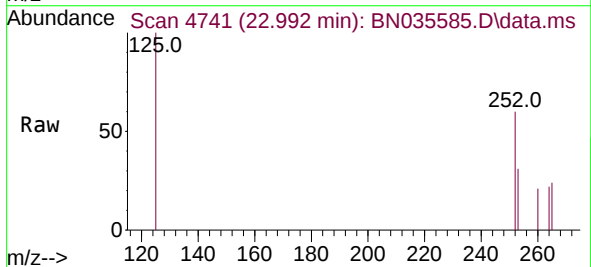
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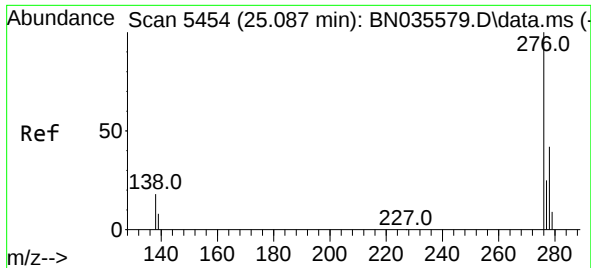
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#26
Benzo(a)pyrene
Concen: 0.649 ng/ul m
RT: 22.992 min Scan# 4741
Delta R.T. 0.032 min
Lab File: BN035585.D
Acq: 12 Dec 2024 15:18

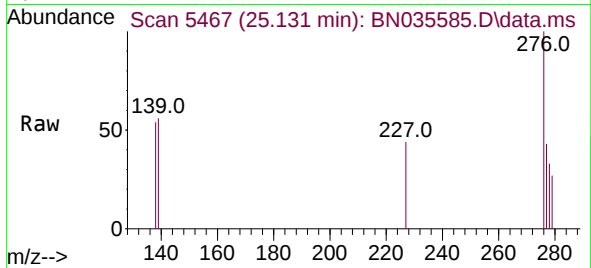
Tgt Ion:252 Resp: 16146
Ion Ratio Lower Upper
252 100
253 52.0 22.9 34.3#
125 166.1 9.4 14.2#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.559 ng/ul m
RT: 25.131 min Scan# 5454
Delta R.T. 0.050 min
Lab File: BN035585.D
Acq: 12 Dec 2024 15:18

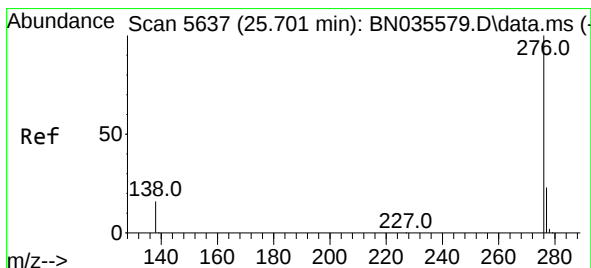
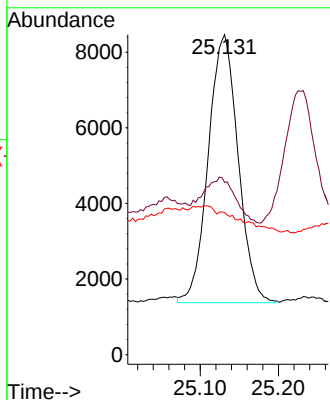
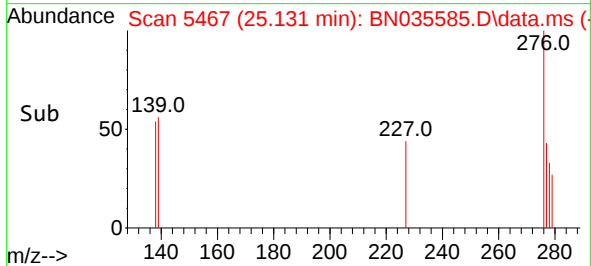
Instrument :
BNA_N
ClientSampleId :
E28Q1



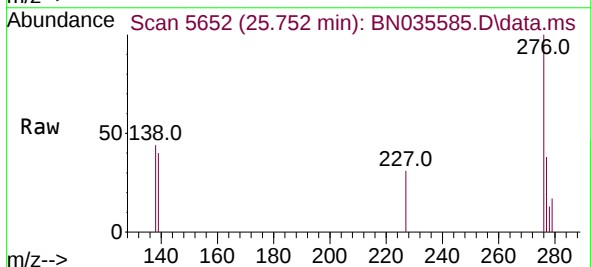
Tgt Ion:276 Resp: 18798
Ion Ratio Lower Upper
276 100
138 209.4 13.8 20.8#
227 0.0 0.2 0.4#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#29
Benzo(g,h,i)perylene
Concen: 0.876 ng/ul m
RT: 25.752 min Scan# 5652
Delta R.T. 0.060 min
Lab File: BN035585.D
Acq: 12 Dec 2024 15:18



Tgt Ion:276 Resp: 23207
Ion Ratio Lower Upper
276 100
138 44.4 13.0 19.6#
277 37.5 20.5 30.7#

