

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035709.D
 Acq On : 19 Dec 2024 16:53
 Operator : RC/JU
 Sample : P5258-04DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 17:24:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.276	152	3265	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	8065	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.935	164	5712	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.705	188	11068	0.400	ng/ul	-0.01
17) Chrysene-d12	20.953	240	9246	0.400	ng/ul	-0.01
23) Perylene-d12	23.036	264	9432m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	3479	1.202	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	850	0.074	ng/ul	-0.01
18) Fluoranthene-d10	18.758	212	1589	0.059	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.064	128	518m	0.026	ng/ul	
7) 2-Methylnaphthalene	11.703	142	289	0.022	ng/ul	97
10) Acenaphthylene	13.648	152	598	0.027	ng/ul#	72
11) Acenaphthene	14.000	153	550	0.033	ng/ul	96
12) Fluorene	15.004	166	554	0.028	ng/ul#	93
15) Phenanthrene	16.747	178	10123	0.365	ng/ul	99
16) Anthracene	16.840	178	2415	0.093	ng/ul#	93
19) Fluoranthene	18.791	202	19363	0.586	ng/ul	99
20) Pyrene	19.158	202	17933	0.492	ng/ul	99
21) Benzo(a)anthracene	20.938	228	8444	0.275	ng/ul	97
22) Chrysene	20.988	228	9562	0.301	ng/ul	97
24) Benzo(b)fluoranthene	22.428	252	13052m	0.470	ng/ul	
25) Benzo(k)fluoranthene	22.466	252	4691m	0.153	ng/ul	
26) Benzo(a)pyrene	22.946	252	8600m	0.319	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.061	276	6457m	0.197	ng/ul	
28) Dibenzo(a,h)anthracene	25.071	278	1475m	0.059	ng/ul	
29) Benzo(g,h,i)perylene	25.678	276	7169	0.273	ng/ul	98

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

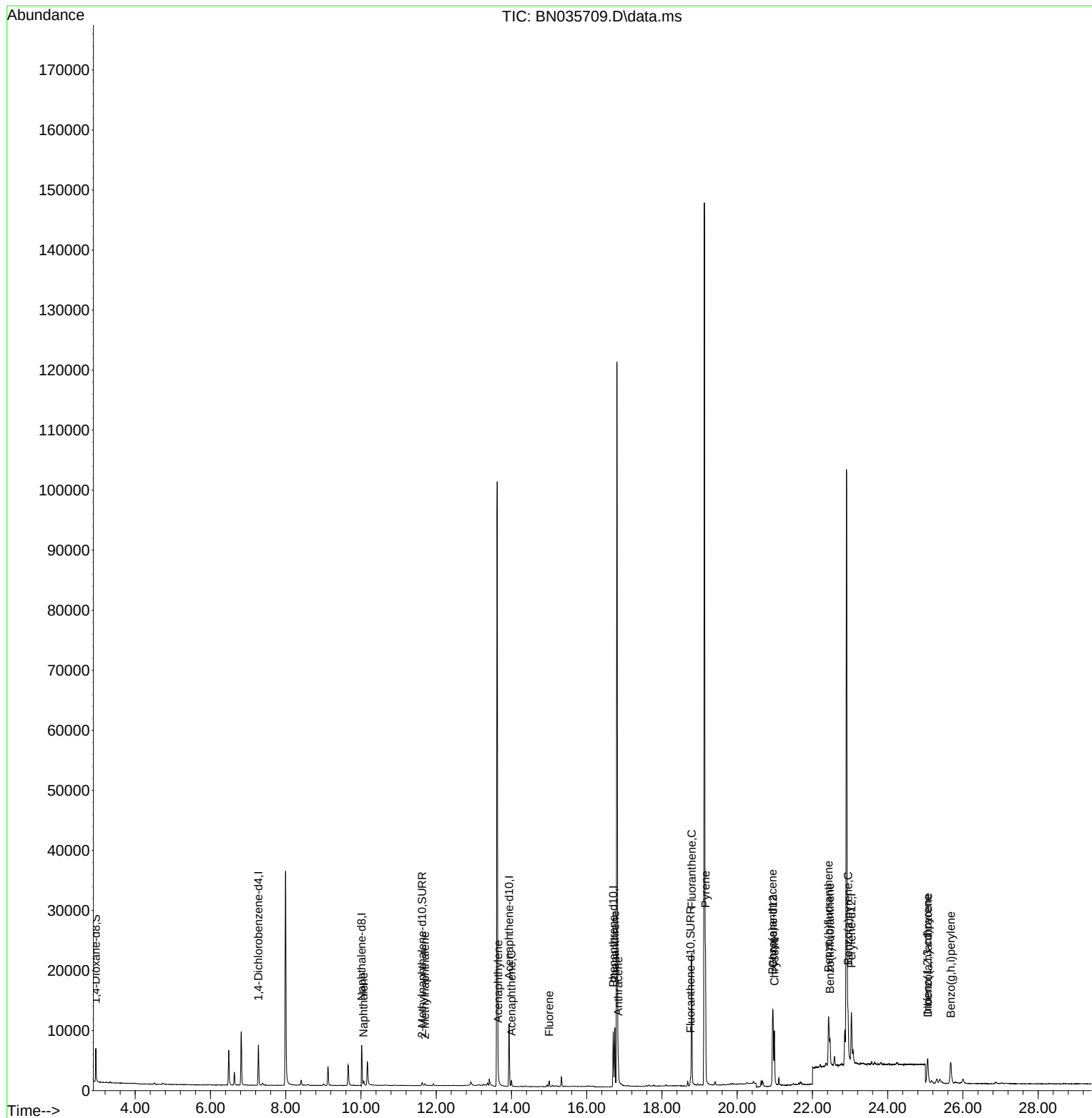
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035709.D
Acq On : 19 Dec 2024 16:53
Operator : RC/JU
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ALS Vial : 50 Sample Multiplier: 1

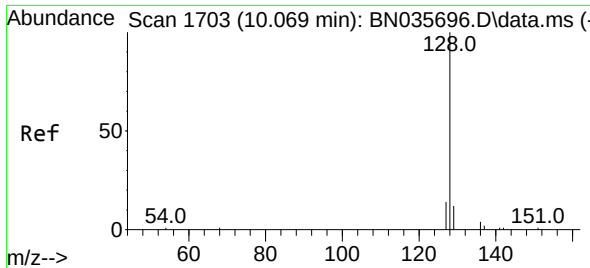
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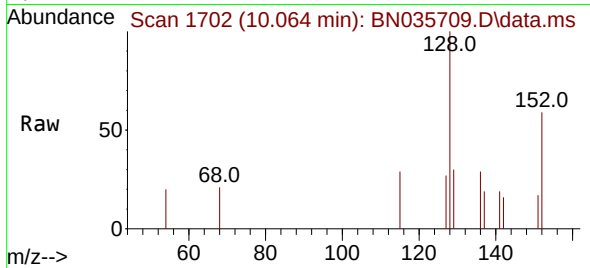
Quant Time: Dec 19 17:24:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.026 ng/ul m
RT: 10.064 min Scan# 1702
Delta R.T. -0.016 min
Lab File: BN035709.D
Acq: 19 Dec 2024 16:53

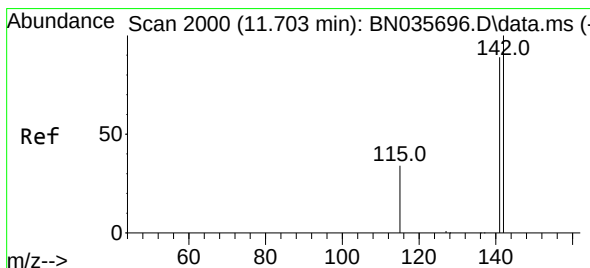
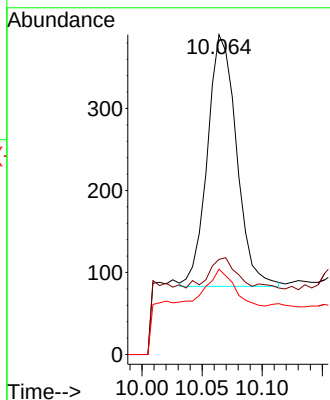
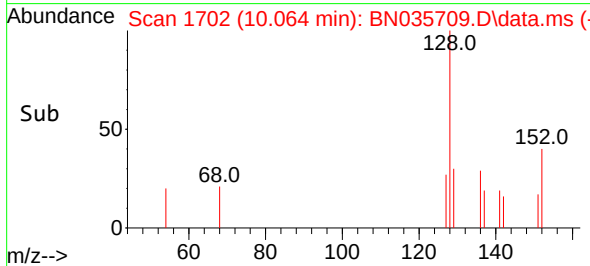
Instrument :
BNA_N
ClientSampleId :
E28X0DL



Tgt Ion:128 Resp: 518
Ion Ratio Lower Upper
128 100
129 29.7 10.8 16.2
127 26.7 12.0 18.0

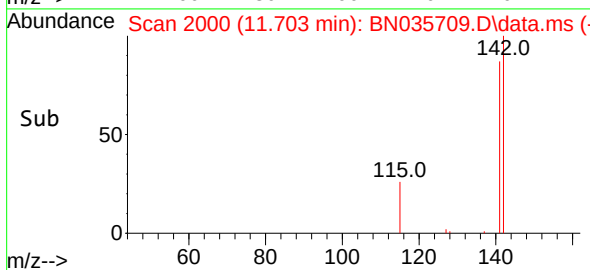
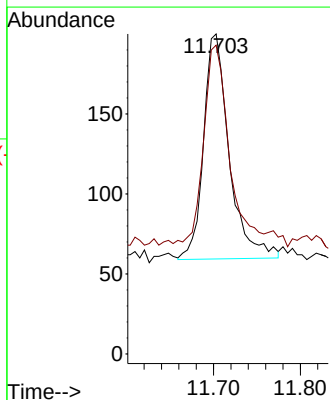
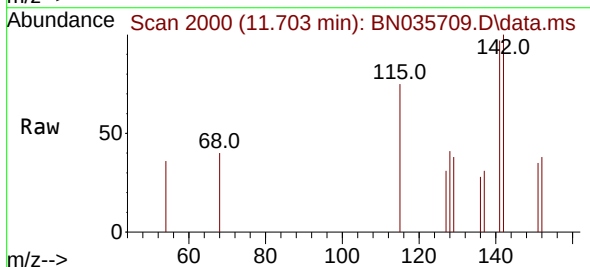
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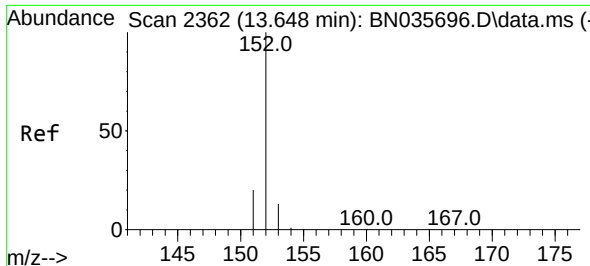
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 11.703 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN035709.D
Acq: 19 Dec 2024 16:53

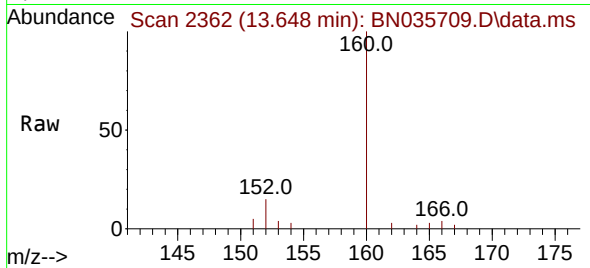
Tgt Ion:142 Resp: 289
Ion Ratio Lower Upper
142 100
141 87.9 72.8 109.2





#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 13.648 min Scan# 2362
Delta R.T. -0.014 min
Lab File: BN035709.D
Acq: 19 Dec 2024 16:53

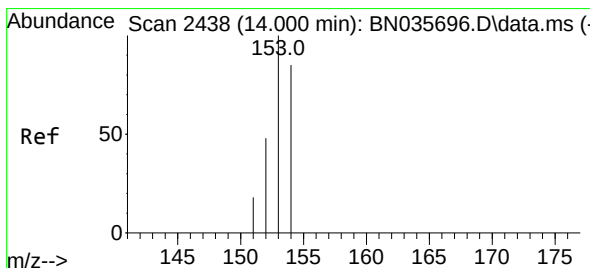
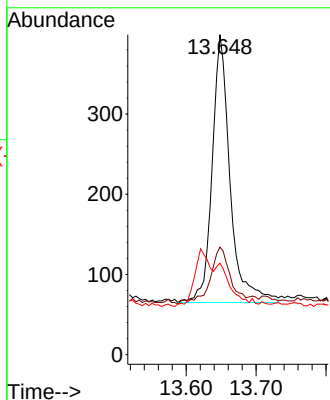
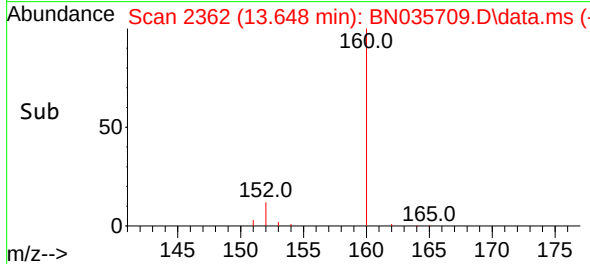
Instrument :
BNA_N
ClientSampleId :
E28X0DL



Tgt Ion:152 Resp: 598
Ion Ratio Lower Upper
152 100
151 33.6 17.6 26.4
153 28.6 11.4 17.2

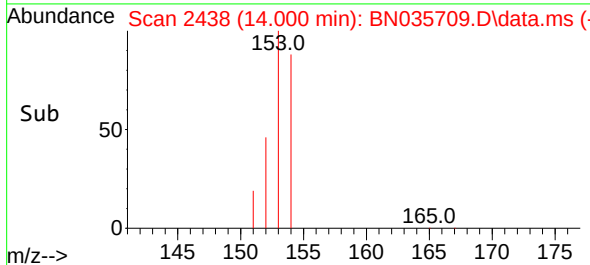
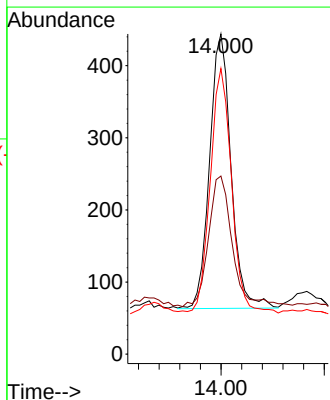
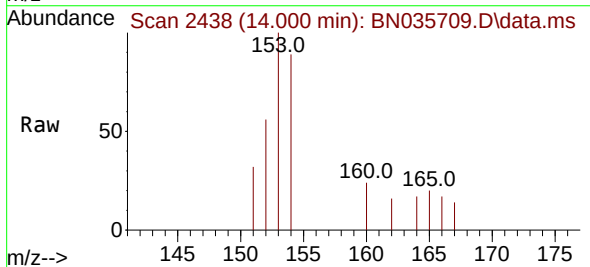
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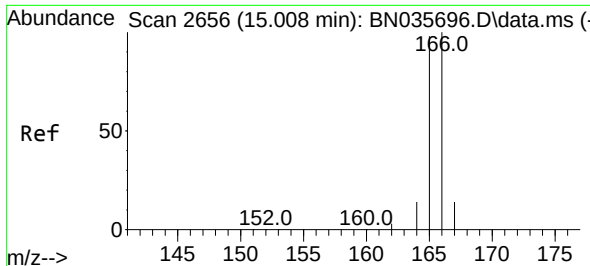
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.000 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BN035709.D
Acq: 19 Dec 2024 16:53

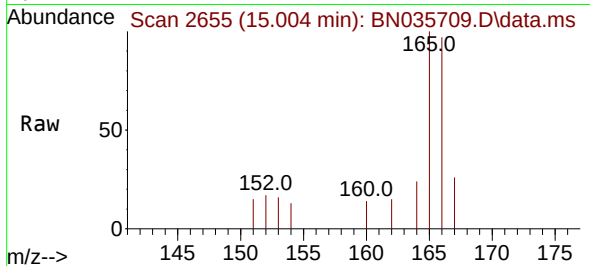
Tgt Ion:153 Resp: 550
Ion Ratio Lower Upper
153 100
152 55.6 39.8 59.6
154 89.2 69.8 104.8





#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.004 min Scan# 20
Delta R.T. -0.009 min
Lab File: BN035709.D
Acq: 19 Dec 2024 16:53

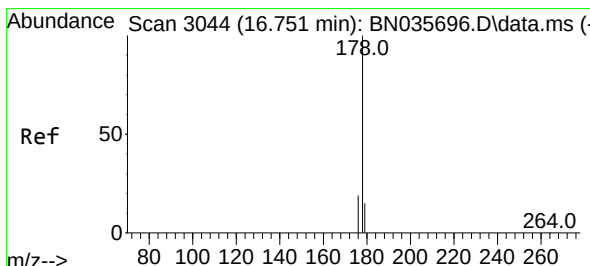
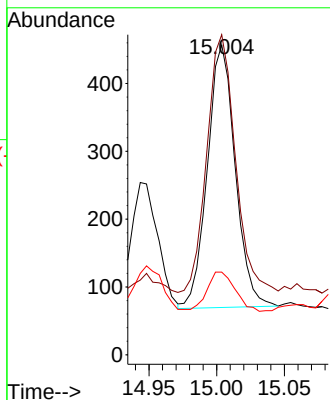
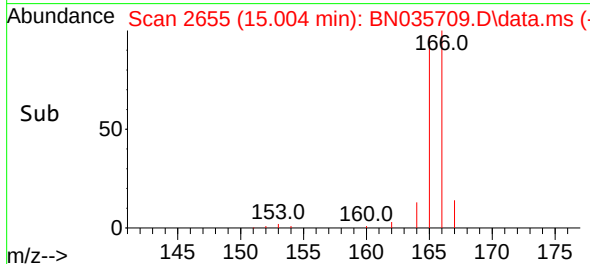
Instrument :
BNA_N
ClientSampleId :
E28X0DL



Tgt Ion:166 Resp: 554
Ion Ratio Lower Upper
166 100
165 103.3 79.5 119.3
167 26.7 11.8 17.8

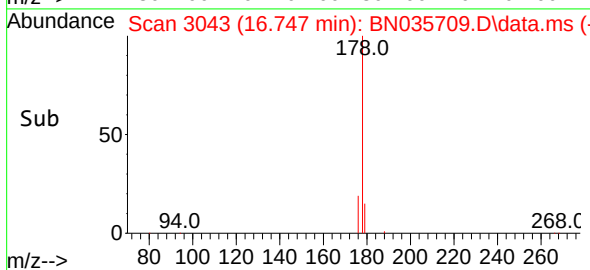
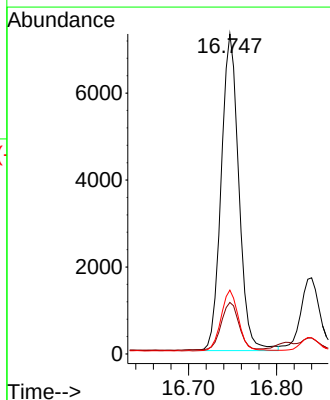
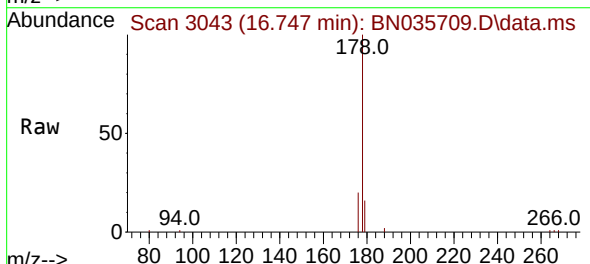
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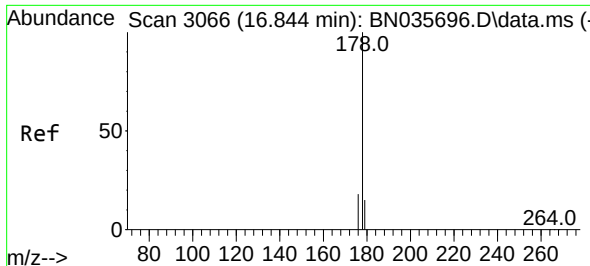
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#15
Phenanthrene
Concen: 0.365 ng/ul
RT: 16.747 min Scan# 3043
Delta R.T. -0.012 min
Lab File: BN035709.D
Acq: 19 Dec 2024 16:53

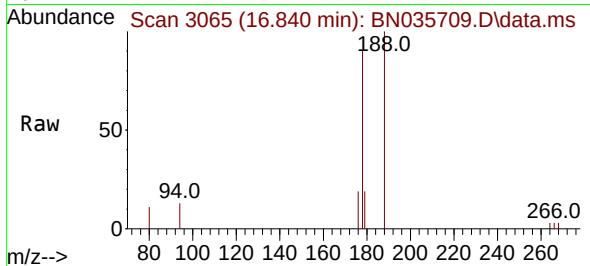
Tgt Ion:178 Resp: 10123
Ion Ratio Lower Upper
178 100
179 16.1 13.3 19.9
176 19.9 15.8 23.8





#16
 Anthracene
 Concen: 0.093 ng/u1
 RT: 16.840 min Scan# 3066
 Delta R.T. -0.008 min
 Lab File: BN035709.D
 Acq: 19 Dec 2024 16:53

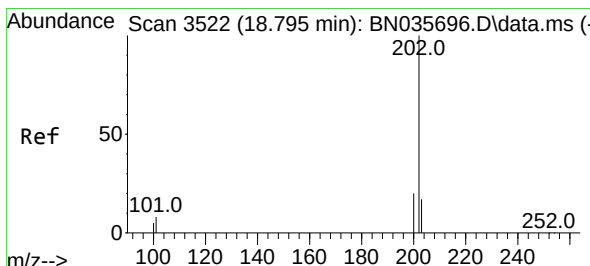
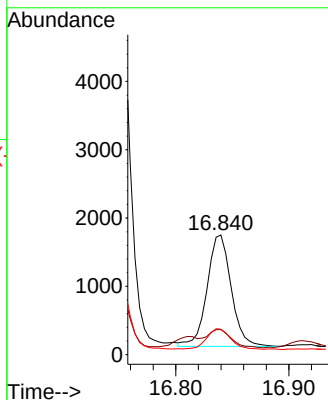
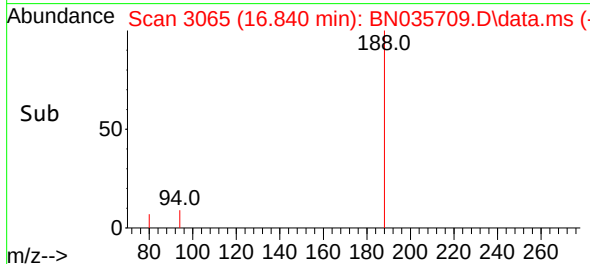
Instrument :
 BNA_N
 ClientSampleId :
 E28X0DL



Tgt Ion:178 Resp: 2415
 Ion Ratio Lower Upper
 178 100
 179 21.0 13.4 20.0
 176 21.2 15.4 23.0

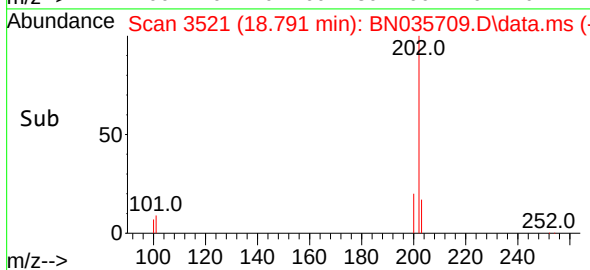
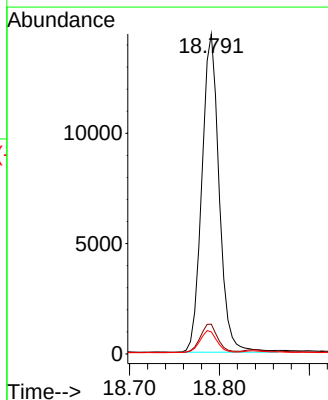
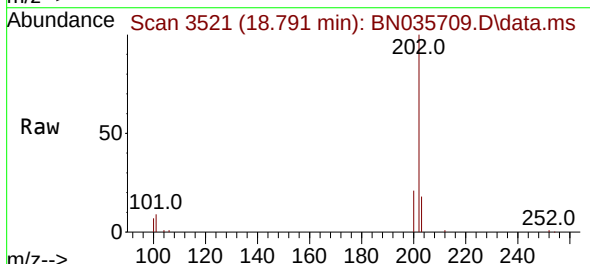
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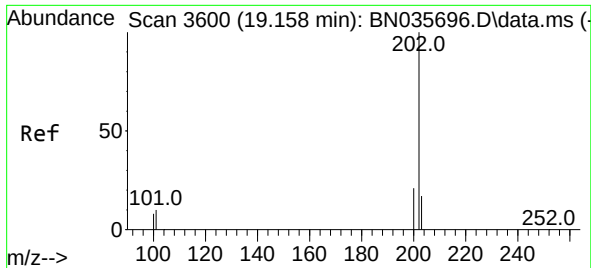
Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024



#19
 Fluoranthene
 Concen: 0.586 ng/u1
 RT: 18.791 min Scan# 3521
 Delta R.T. -0.009 min
 Lab File: BN035709.D
 Acq: 19 Dec 2024 16:53

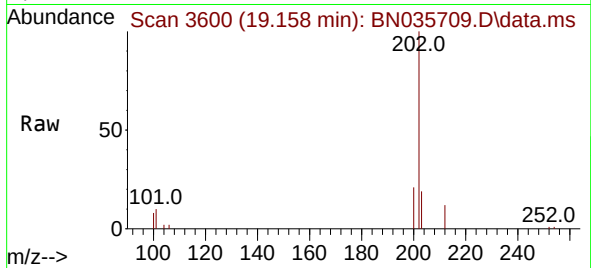
Tgt Ion:202 Resp: 19363
 Ion Ratio Lower Upper
 202 100
 101 9.3 7.3 10.9
 100 6.9 5.4 8.0





#20
Pyrene
Concen: 0.492 ng/ul
RT: 19.158 min Scan# 3600
Delta R.T. -0.009 min
Lab File: BN035709.D
Acq: 19 Dec 2024 16:53

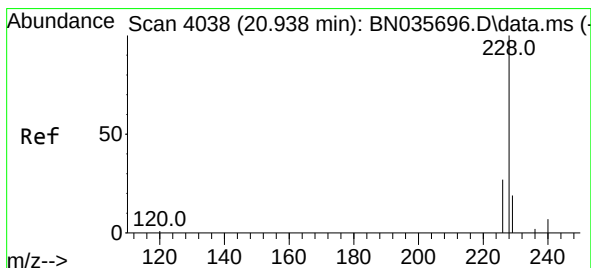
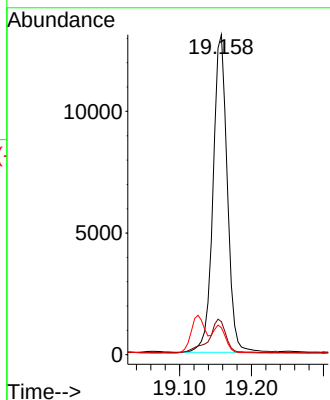
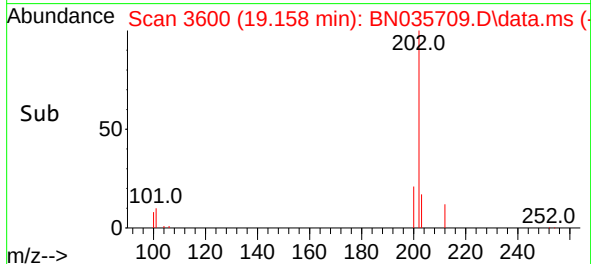
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BNA_N
ClientSampleId :
E28X0DL



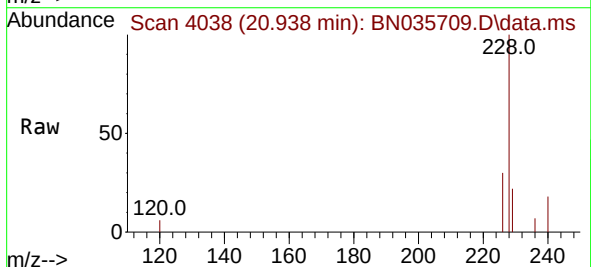
Tgt Ion:202 Resp: 1793
Ion Ratio Lower Upper
202 100
101 10.3 8.5 12.7
100 8.4 6.5 9.7

Manual Integrations
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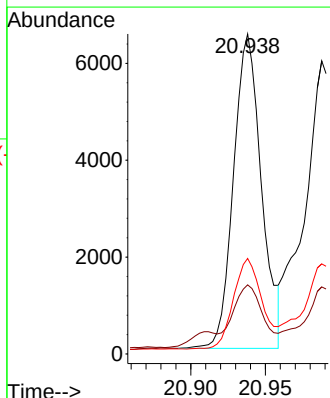
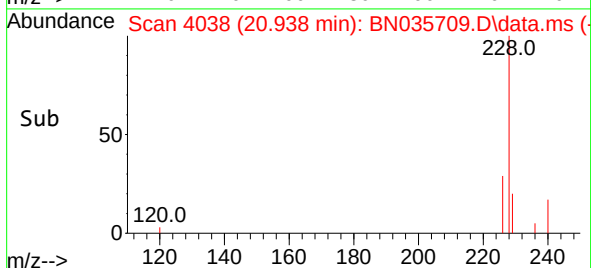
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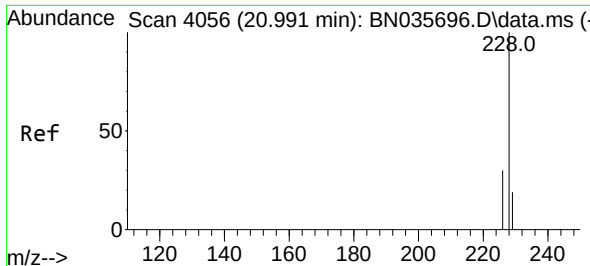


#21
Benzo(a)anthracene
Concen: 0.275 ng/ul
RT: 20.938 min Scan# 4038
Delta R.T. -0.011 min
Lab File: BN035709.D
Acq: 19 Dec 2024 16:53



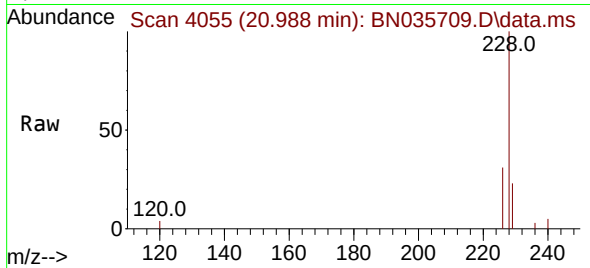
Tgt Ion:228 Resp: 8444
Ion Ratio Lower Upper
228 100
229 21.6 16.6 25.0
226 29.8 22.5 33.7





#22
Chrysene
Concen: 0.301 ng/ul
RT: 20.988 min Scan# 4055
Delta R.T. -0.011 min
Lab File: BN035709.D
Acq: 19 Dec 2024 16:53

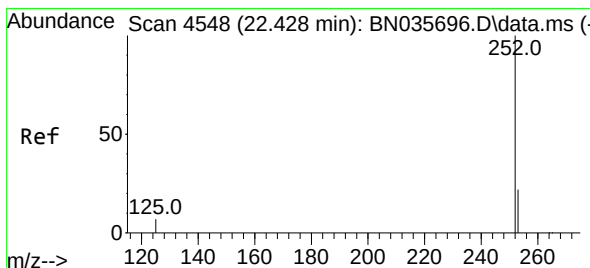
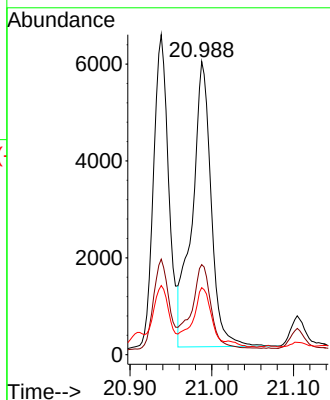
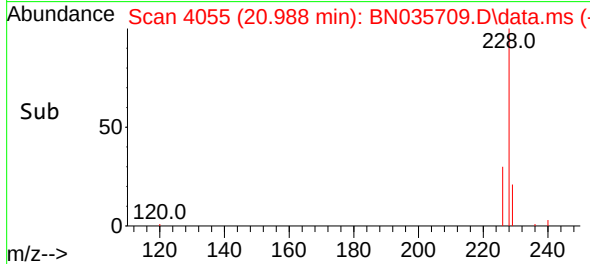
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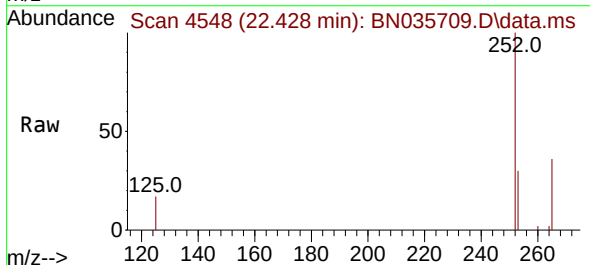
Tgt Ion:228 Resp: 956
Ion Ratio Lower Upper
228 100
226 30.7 25.1 37.7
229 22.9 16.6 24.8

Manual Integrations
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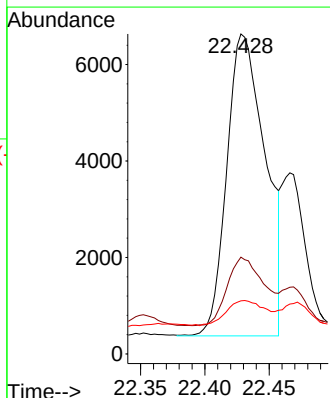
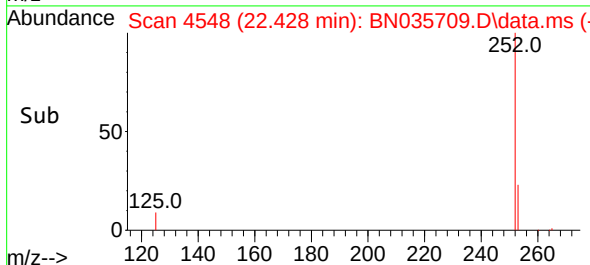
Reviewed By :Yogesh Patel 12/21/2024
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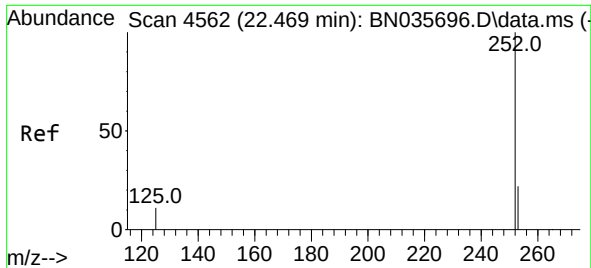


#24
Benzo(b)fluoranthene
Concen: 0.470 ng/ul m
RT: 22.428 min Scan# 4548
Delta R.T. -0.014 min
Lab File: BN035709.D
Acq: 19 Dec 2024 16:53



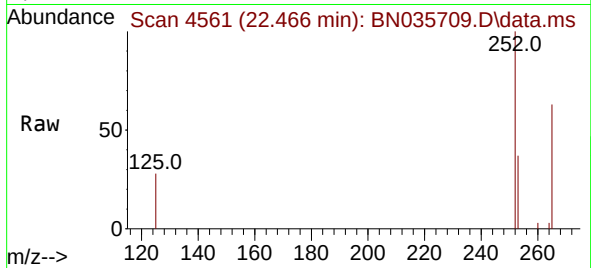
Tgt Ion:252 Resp: 13052
Ion Ratio Lower Upper
252 100
253 30.3 0.0 56.4
125 16.6 0.0 37.6





#25
Benzo(k)fluoranthene
Concen: 0.153 ng/ul m
RT: 22.466 min Scan# 4562
Delta R.T. -0.014 min
Lab File: BN035709.D
Acq: 19 Dec 2024 16:53

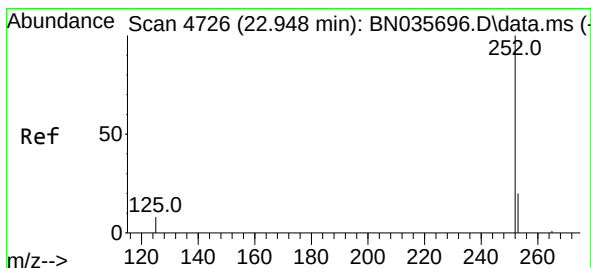
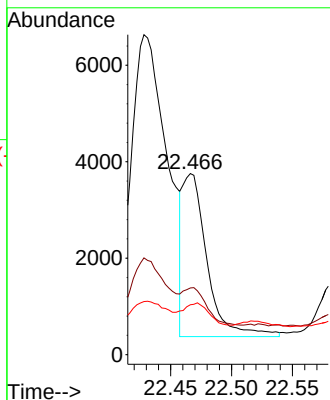
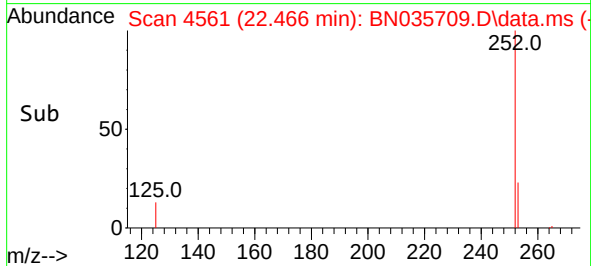
Instrument :
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E28X0DL



Tgt Ion:252 Resp: 469
Ion Ratio Lower Upper
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253 36.8 22.1 33.1
125 27.5 15.3 22.9

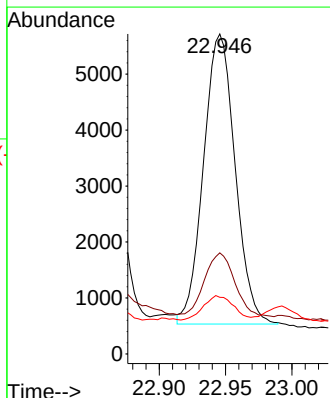
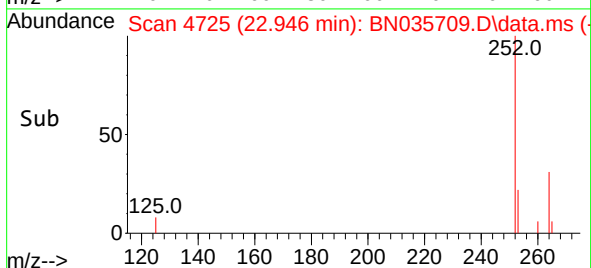
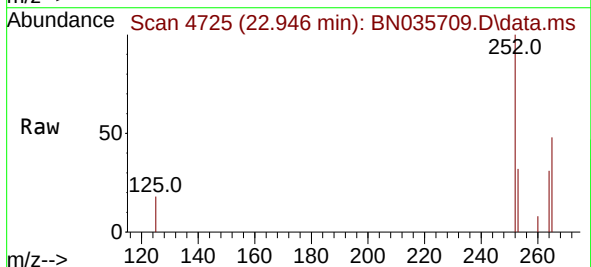
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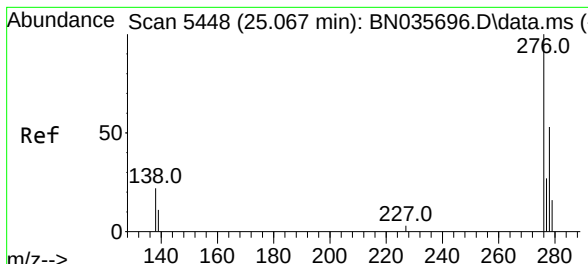
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#26
Benzo(a)pyrene
Concen: 0.319 ng/ul m
RT: 22.946 min Scan# 4725
Delta R.T. -0.017 min
Lab File: BN035709.D
Acq: 19 Dec 2024 16:53

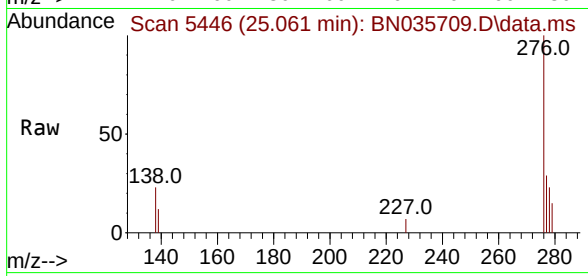
Tgt Ion:252 Resp: 8600
Ion Ratio Lower Upper
252 100
253 31.6 24.1 36.1
125 17.7 19.1 28.7





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.197 ng/ul m
 RT: 25.061 min Scan# 5448
 Delta R.T. -0.020 min
 Lab File: BN035709.D
 Acq: 19 Dec 2024 16:53

Instrument :
 BNA_N
 ClientSampleId :
 E28X0DL

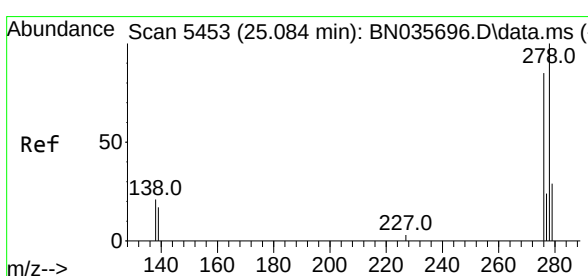
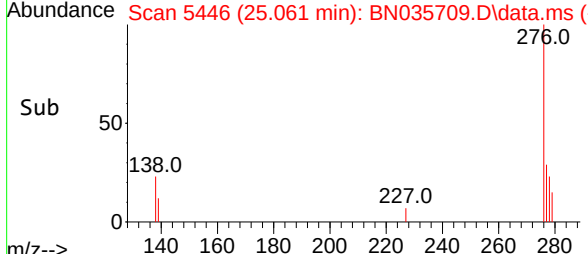
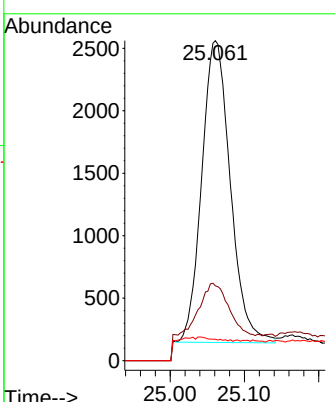


Tgt Ion: 276 Resp: 645

Ion	Ratio	Lower	Upper
276	100		
138	64.3	14.7	22.1
227	0.0	21.6	32.4

Manual Integrations
 APPROVED

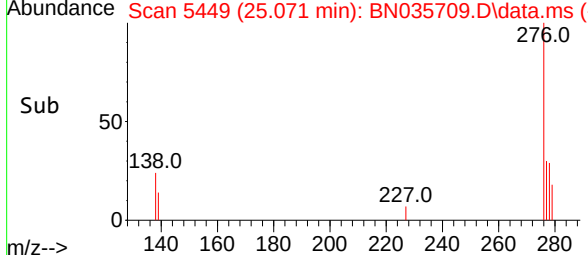
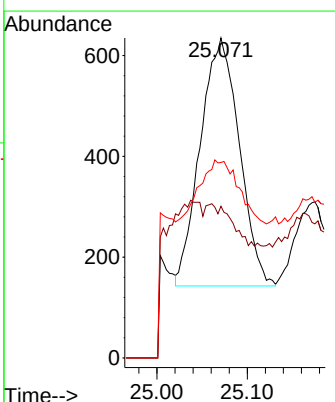
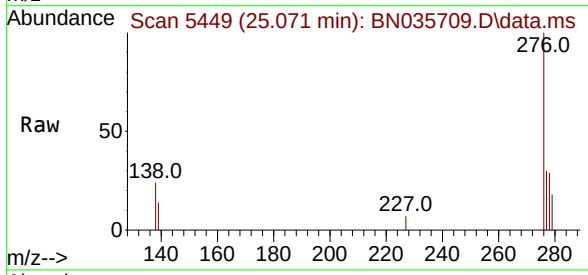
Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

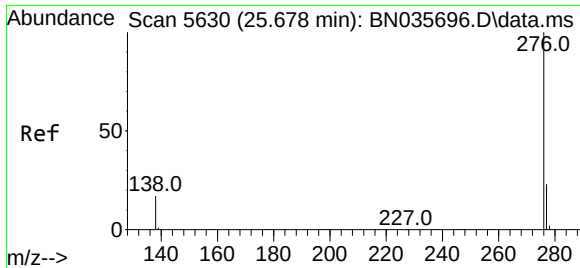


#28
 Dibenzo(a,h)anthracene
 Concen: 0.059 ng/ul m
 RT: 25.071 min Scan# 5449
 Delta R.T. -0.030 min
 Lab File: BN035709.D
 Acq: 19 Dec 2024 16:53

Tgt Ion: 278 Resp: 1475

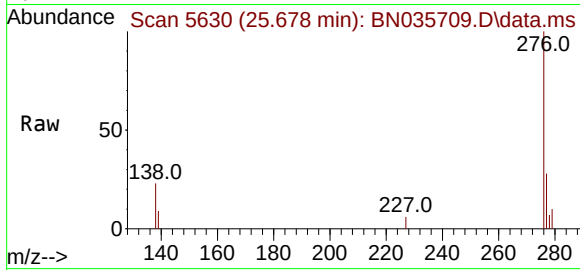
Ion	Ratio	Lower	Upper
278	100		
139	47.4	19.8	29.8
279	61.1	24.0	36.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.273 ng/ul
 RT: 25.678 min Scan# 50
 Delta R.T. -0.020 min
 Lab File: BN035709.D
 Acq: 19 Dec 2024 16:53

Instrument :
 BNA_N
 ClientSampleId :
 E28X0DL



Tgt Ion: 276 Resp: 7169

Ion	Ratio	Lower	Upper
276	100		
138	23.1	19.6	29.4
277	27.9	21.6	32.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

