

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035684.D
 Acq On : 19 Dec 2024 00:06
 Operator : RC/JU
 Sample : P5258-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X2

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 02:00:42 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	7.280	152	2974	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	8126	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.939	164	5573	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.709	188	11287	0.400	ng/ul	0.00
17) Chrysene-d12	20.955	240	9656	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	9402	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	12680	4.809	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	2920	0.252	ng/ul	-0.01
18) Fluoranthene-d10	18.763	212	5024	0.178	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.069	128	3142m	0.158	ng/ul	
7) 2-Methylnaphthalene	11.703	142	2303	0.172	ng/ul	98
8) 1-Methylnaphthalene	11.928	142	1800	0.129	ng/ul	100
10) Acenaphthylene	13.652	152	6062	0.281	ng/ul	99
11) Acenaphthene	14.004	153	6461	0.396	ng/ul	99
12) Fluorene	15.003	166	6721	0.354	ng/ul	99
15) Phenanthrene	16.751	178	150770	5.337	ng/ul	98
16) Anthracene	16.839	178	34993	1.325	ng/ul	99
19) Fluoranthene	18.791	202	348319	10.086	ng/ul	100
20) Pyrene	19.158	202	250148	6.575	ng/ul	99
21) Benzo(a)anthracene	20.941	228	161112	5.030	ng/ul	100
22) Chrysene	20.993	228	151860	4.570	ng/ul	97
24) Benzo(b)fluoranthene	22.434	252	204364m	7.376	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	65546m	2.139	ng/ul	
26) Benzo(a)pyrene	22.951	252	84417	3.146	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.067	276	73278	2.243	ng/ul#	77
28) Dibenzo(a,h)anthracene	25.077	278	23562m	0.945	ng/ul	
29) Benzo(g,h,i)perylene	25.681	276	10446	0.398	ng/ul	94

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

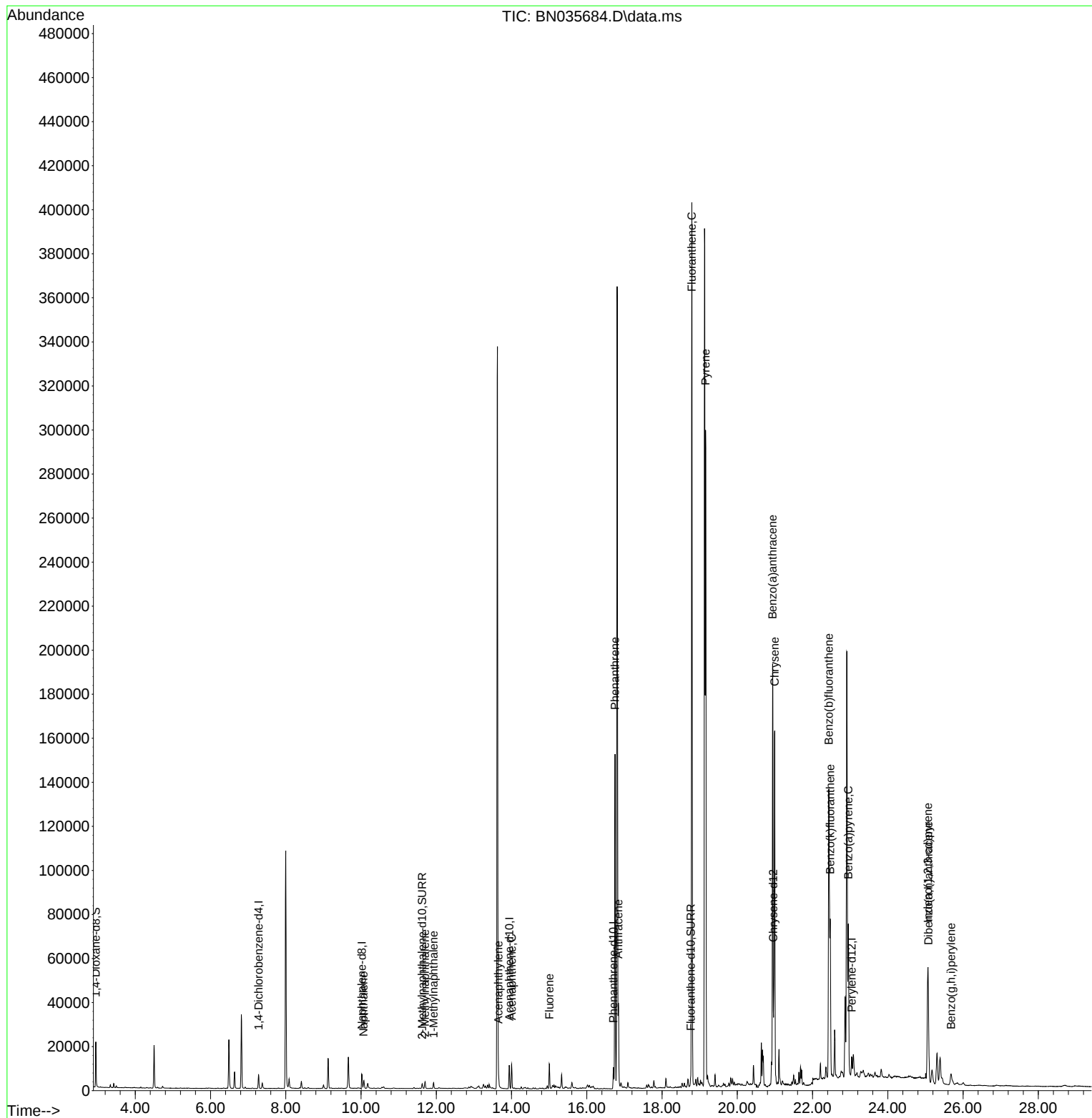
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035684.D
Acq On : 19 Dec 2024 00:06
Operator : RC/JU
Sample : P5258-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

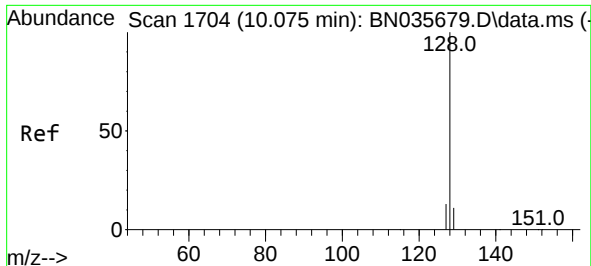
Instrument :
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ClientSampleId :
E28X2

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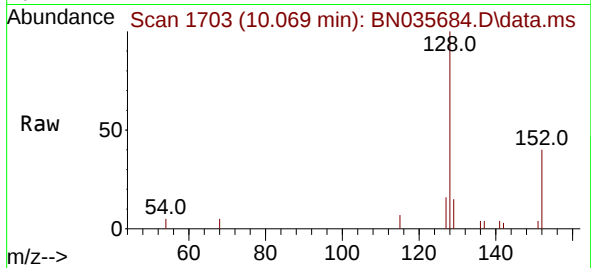
Quant Time: Dec 19 02:00:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.158 ng/ul m
RT: 10.069 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BN035684.D
Acq: 19 Dec 2024 00:06

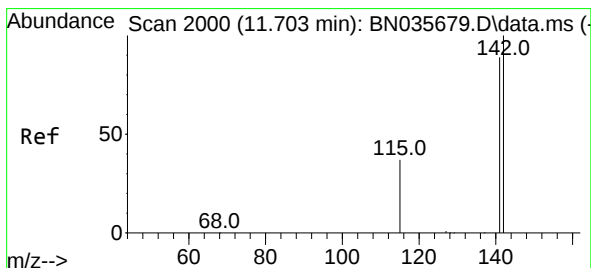
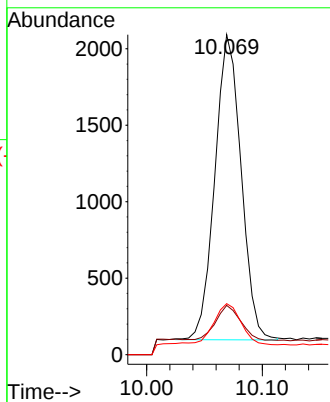
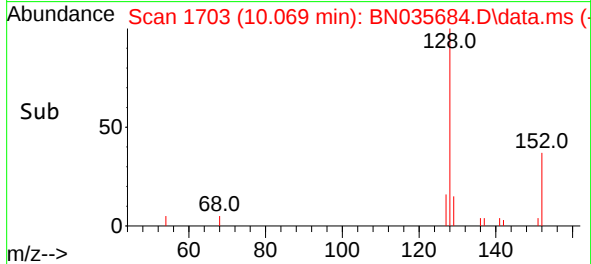
Instrument :
BNA_N
ClientSampleId :
E28X2



Tgt Ion:128 Resp: 314
Ion Ratio Lower Upper
128 100
129 15.4 10.8 16.2
127 16.0 12.0 18.0

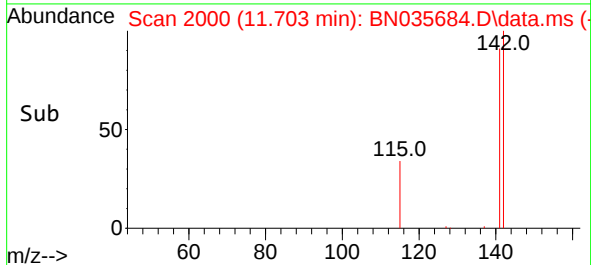
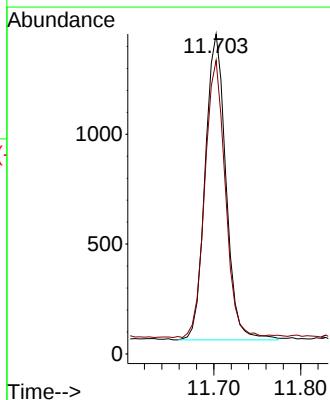
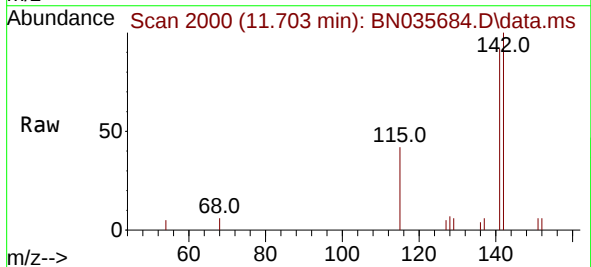
Manual Integrations
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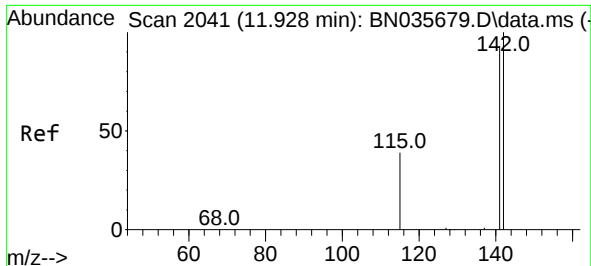
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.172 ng/ul
RT: 11.703 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN035684.D
Acq: 19 Dec 2024 00:06

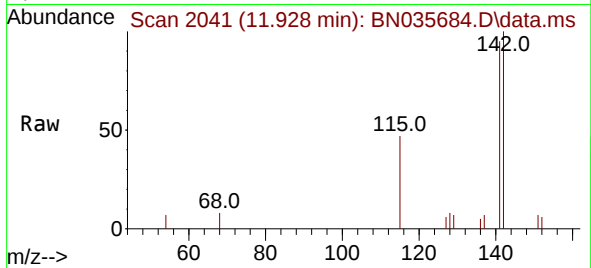
Tgt Ion:142 Resp: 2303
Ion Ratio Lower Upper
142 100
141 89.4 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.129 ng/ul
RT: 11.928 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BN035684.D
Acq: 19 Dec 2024 00:06

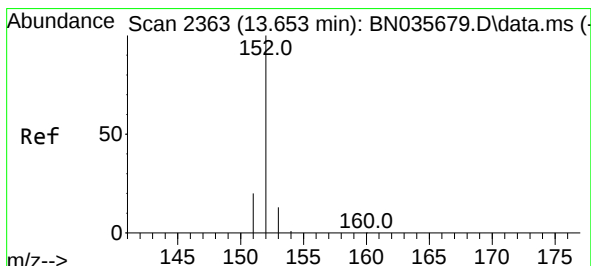
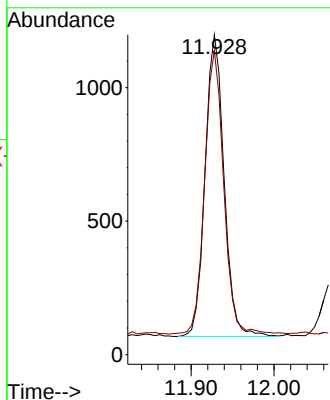
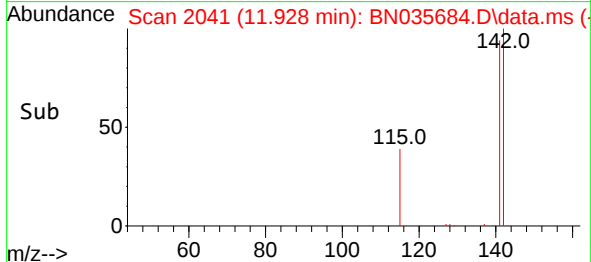
Instrument :
BNA_N
ClientSampleId :
E28X2



Tgt Ion:142 Resp: 1800
Ion Ratio Lower Upper
142 100
141 93.7 74.7 112.1

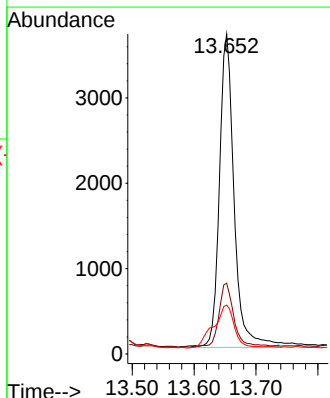
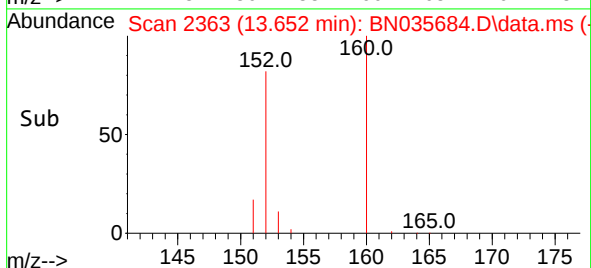
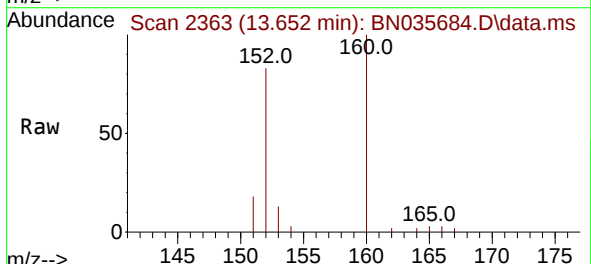
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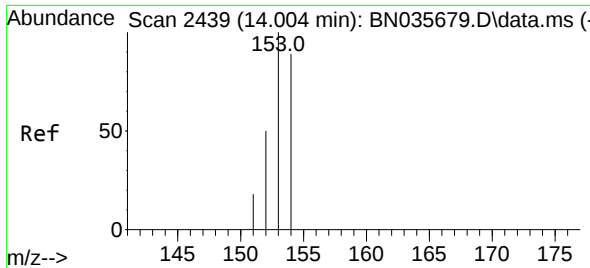
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#10
Acenaphthylene
Concen: 0.281 ng/ul
RT: 13.652 min Scan# 2363
Delta R.T. -0.009 min
Lab File: BN035684.D
Acq: 19 Dec 2024 00:06

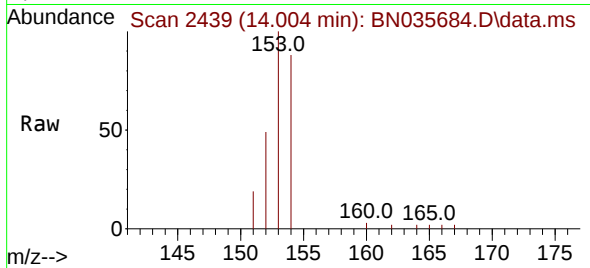
Tgt Ion:152 Resp: 6062
Ion Ratio Lower Upper
152 100
151 22.1 17.6 26.4
153 15.3 11.4 17.2





#11
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.004 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BN035684.D
Acq: 19 Dec 2024 00:06

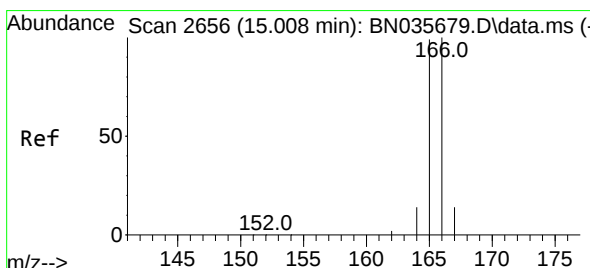
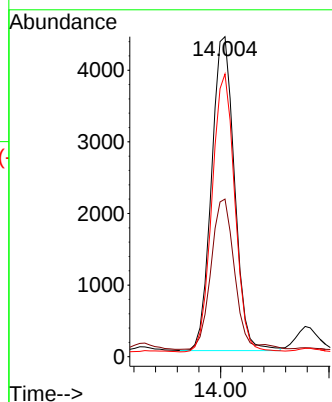
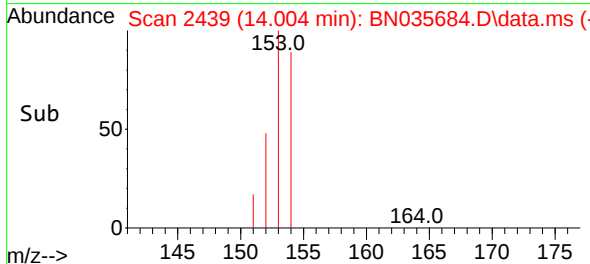
Instrument :
BNA_N
ClientSampleId :
E28X2



Tgt Ion:153 Resp: 646
Ion Ratio Lower Upper
153 100
152 49.3 39.8 59.6
154 88.3 69.8 104.8

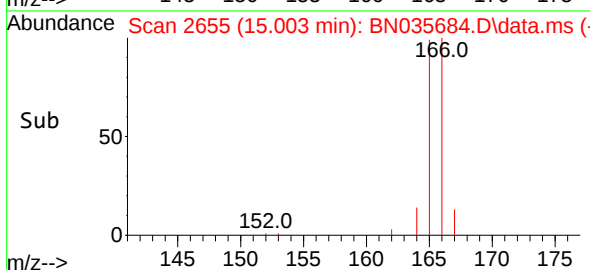
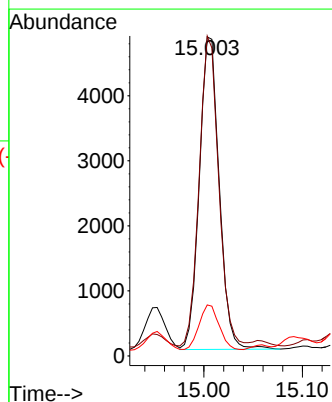
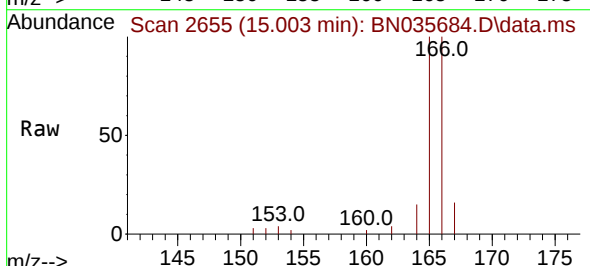
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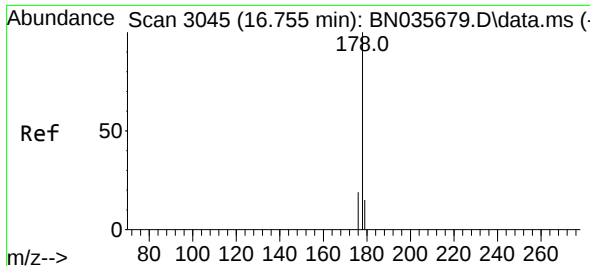
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.354 ng/ul
RT: 15.003 min Scan# 2655
Delta R.T. -0.009 min
Lab File: BN035684.D
Acq: 19 Dec 2024 00:06

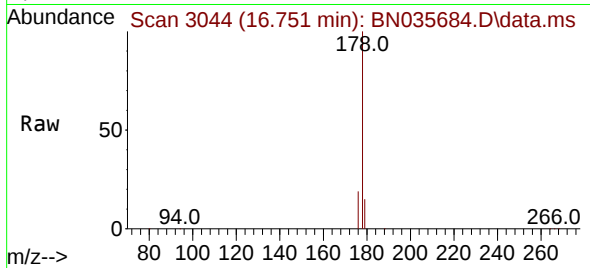
Tgt Ion:166 Resp: 6721
Ion Ratio Lower Upper
166 100
165 100.3 79.5 119.3
167 16.0 11.8 17.8





#15
Phenanthrene
Concen: 5.337 ng/ul
RT: 16.751 min Scan# 3044
Delta R.T. -0.009 min
Lab File: BN035684.D
Acq: 19 Dec 2024 00:06

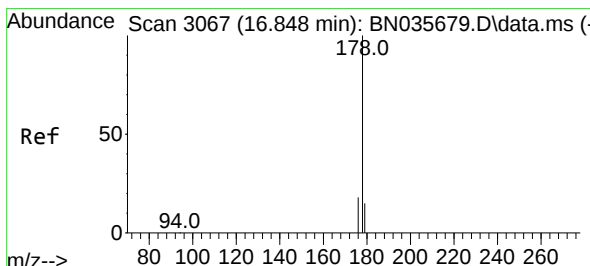
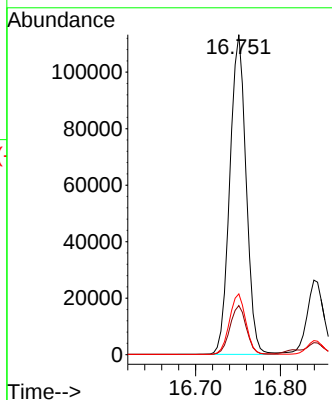
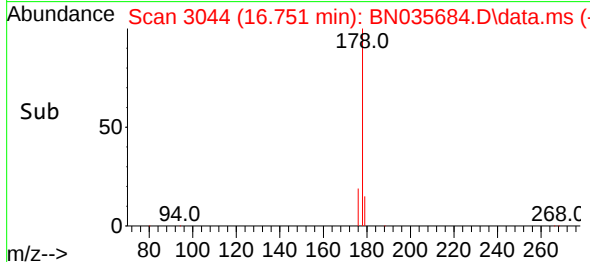
Instrument :
BNA_N
ClientSampleId :
E28X2



Tgt Ion:178 Resp: 150770
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.0 15.8 23.8

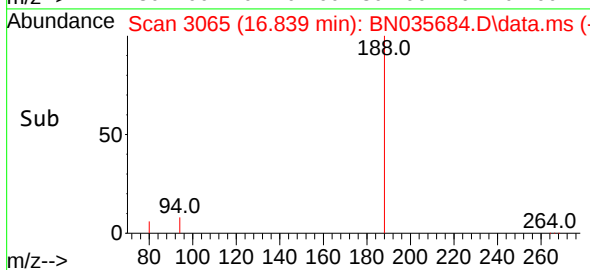
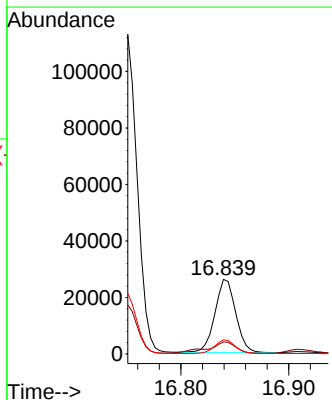
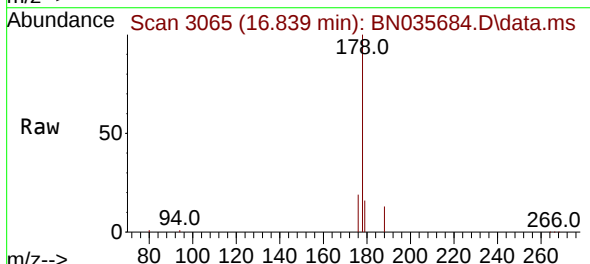
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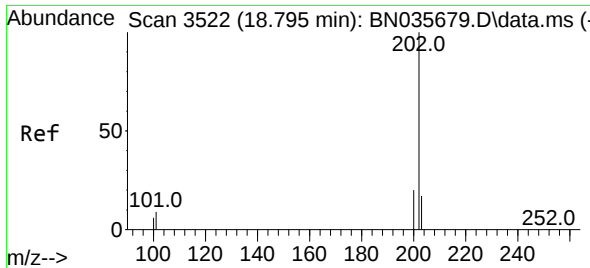
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#16
Anthracene
Concen: 1.325 ng/ul
RT: 16.839 min Scan# 3065
Delta R.T. -0.009 min
Lab File: BN035684.D
Acq: 19 Dec 2024 00:06

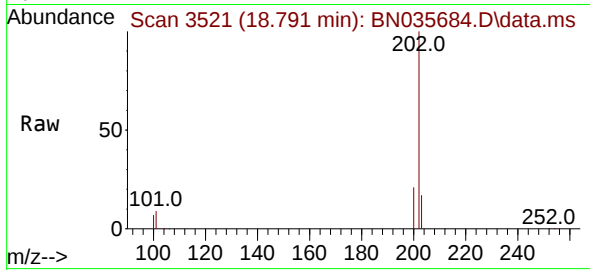
Tgt Ion:178 Resp: 34993
Ion Ratio Lower Upper
178 100
179 16.2 13.4 20.0
176 18.9 15.4 23.0





#19
Fluoranthene
Concen: 10.086 ng/u1
RT: 18.791 min Scan# 3522
Delta R.T. -0.009 min
Lab File: BN035684.D
Acq: 19 Dec 2024 00:06

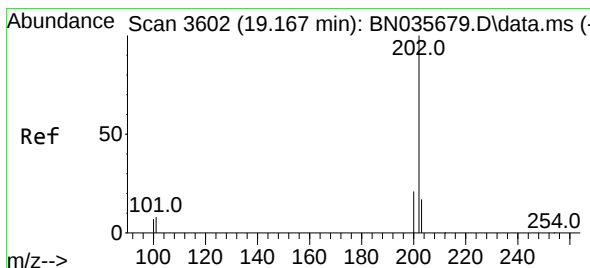
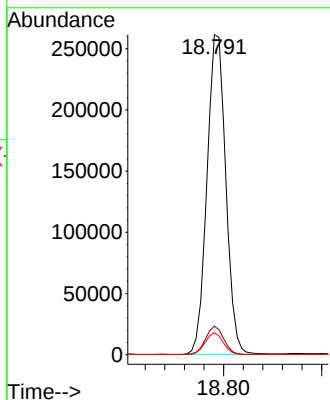
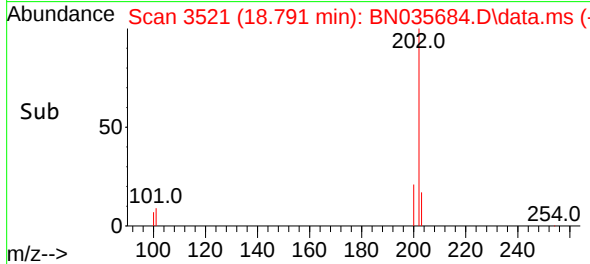
Instrument :
BNA_N
ClientSampleId :
E28X2



Tgt Ion:202 Resp: 348319
Ion Ratio Lower Upper
202 100
101 8.9 7.3 10.9
100 6.8 5.4 8.0

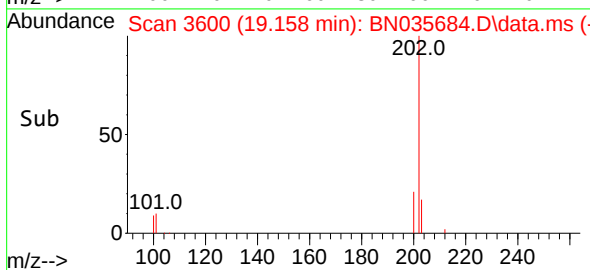
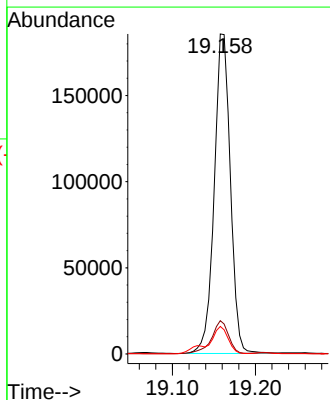
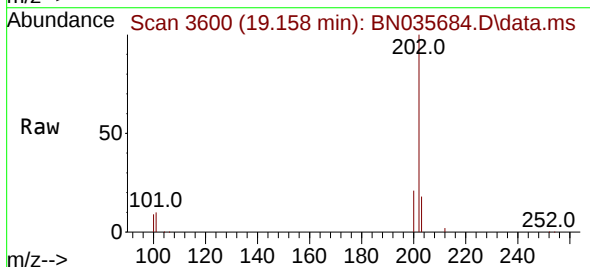
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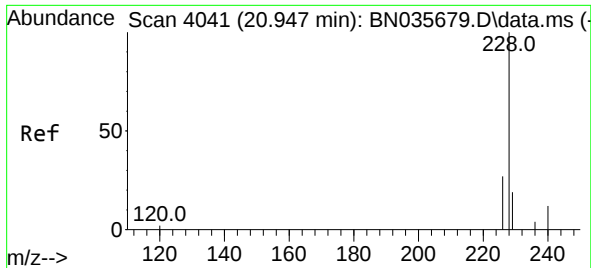
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#20
Pyrene
Concen: 6.575 ng/u1
RT: 19.158 min Scan# 3600
Delta R.T. -0.009 min
Lab File: BN035684.D
Acq: 19 Dec 2024 00:06

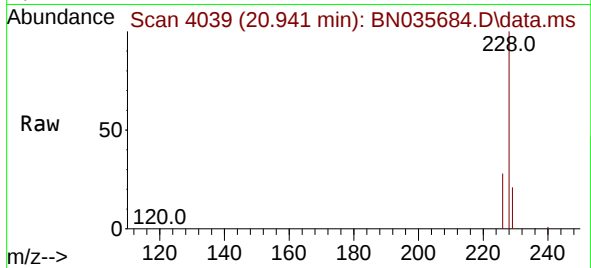
Tgt Ion:202 Resp: 250148
Ion Ratio Lower Upper
202 100
101 10.4 8.5 12.7
100 8.6 6.5 9.7





#21
Benzo(a)anthracene
Concen: 5.030 ng/ul
RT: 20.941 min Scan# 4041
Delta R.T. -0.009 min
Lab File: BN035684.D
Acq: 19 Dec 2024 00:06

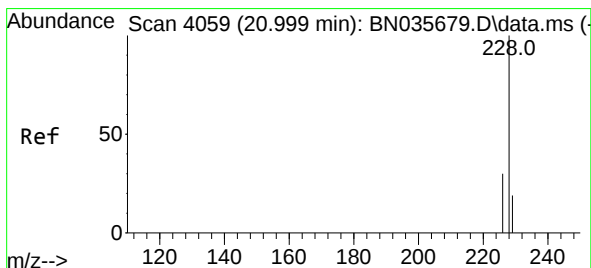
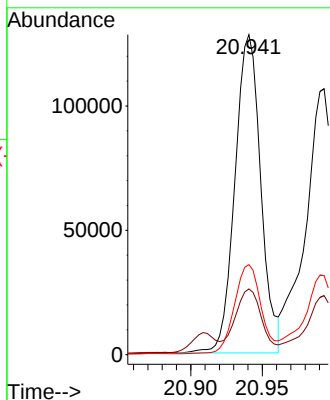
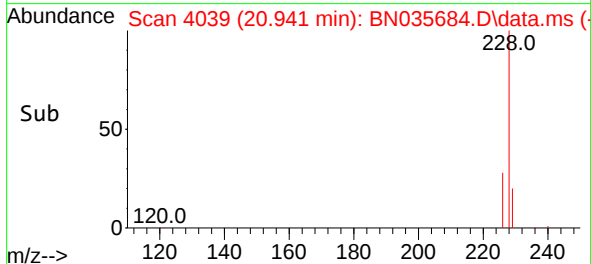
Instrument :
BNA_N
ClientSampleId :
E28X2



Tgt Ion:228 Resp: 16111
Ion Ratio Lower Upper
228 100
229 20.5 16.6 25.0
226 28.2 22.5 33.7

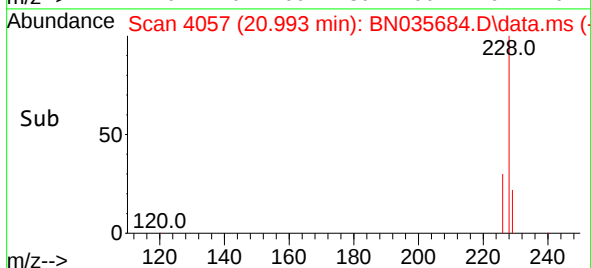
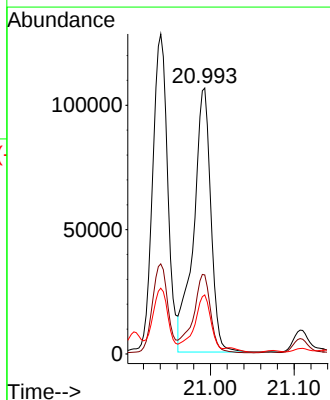
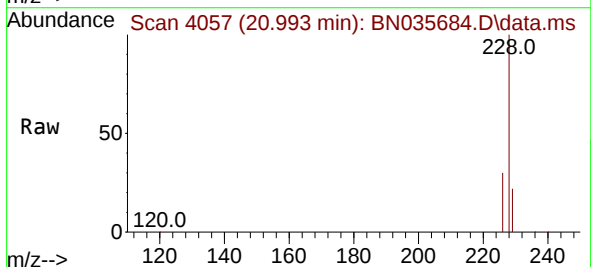
Manual Integrations
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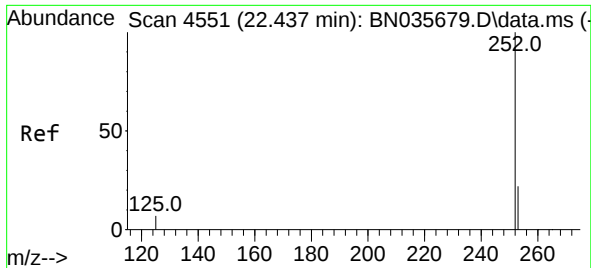
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 4.570 ng/ul
RT: 20.993 min Scan# 4057
Delta R.T. -0.006 min
Lab File: BN035684.D
Acq: 19 Dec 2024 00:06

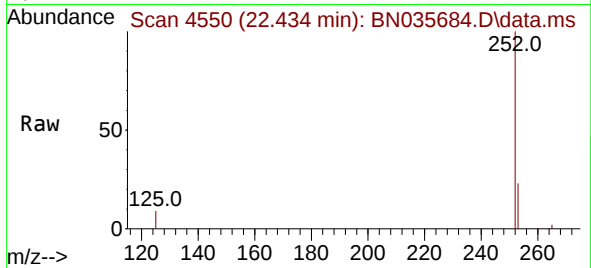
Tgt Ion:228 Resp: 151860
Ion Ratio Lower Upper
228 100
226 29.7 25.1 37.7
229 22.2 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 7.376 ng/ul m
RT: 22.434 min Scan# 4551
Delta R.T. -0.009 min
Lab File: BN035684.D
Acq: 19 Dec 2024 00:06

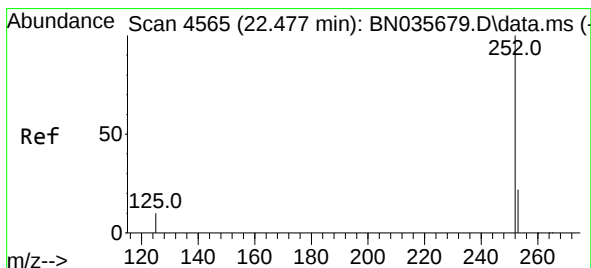
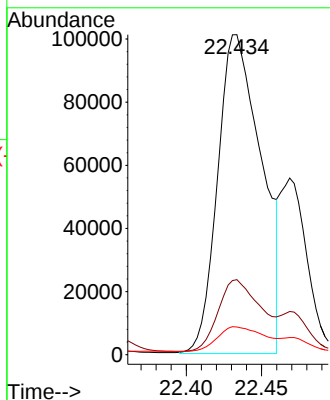
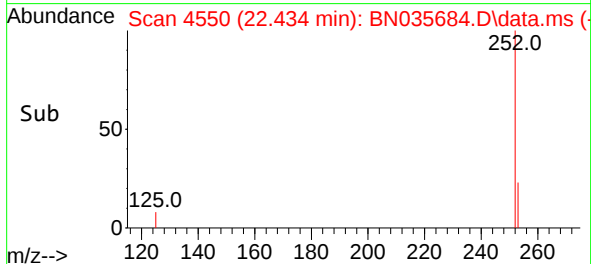
Instrument :
BNA_N
ClientSampleId :
E28X2



Tgt Ion:252 Resp: 204364
Ion Ratio Lower Upper
252 100
253 23.4 0.0 56.4
125 8.7 0.0 37.6

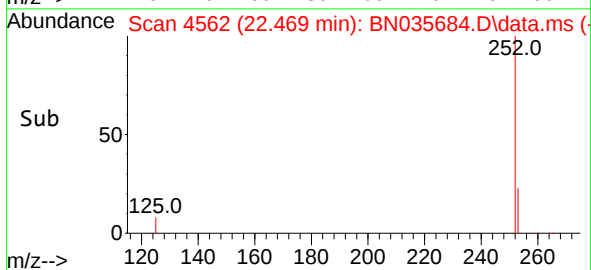
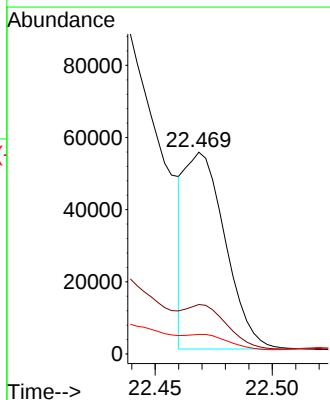
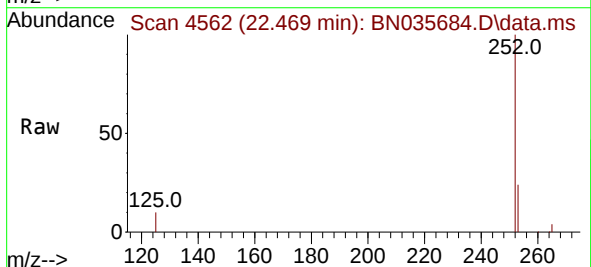
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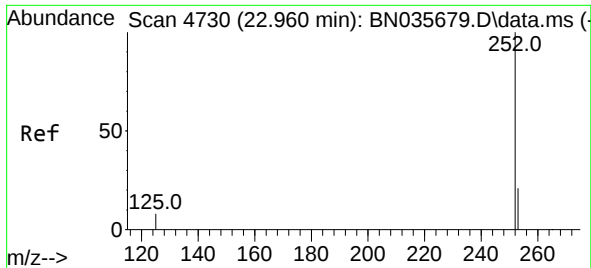
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#25
Benzo(k)fluoranthene
Concen: 2.139 ng/ul m
RT: 22.469 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BN035684.D
Acq: 19 Dec 2024 00:06

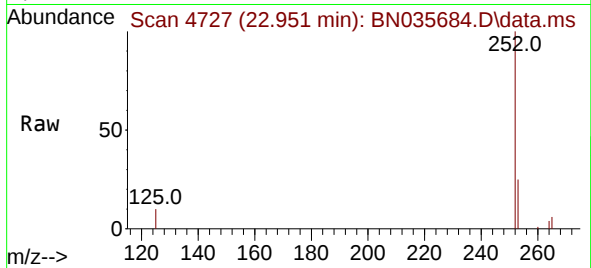
Tgt Ion:252 Resp: 65546
Ion Ratio Lower Upper
252 100
253 24.5 22.1 33.1
125 9.7 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 3.146 ng/ul
RT: 22.951 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN035684.D
Acq: 19 Dec 2024 00:06

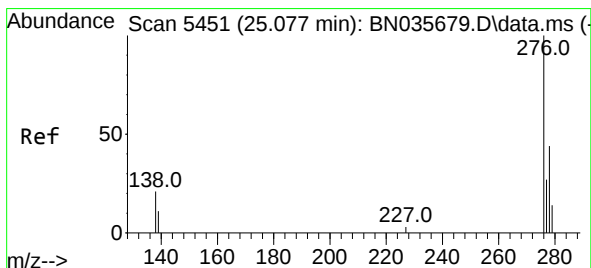
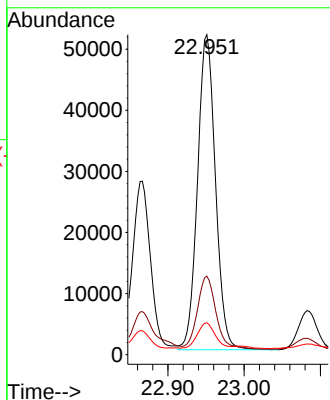
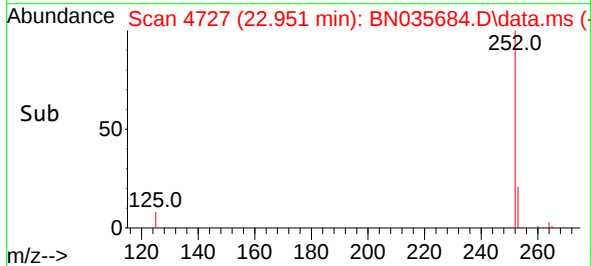
Instrument :
BNA_N
ClientSampleId :
E28X2



Tgt Ion:252 Resp: 8441
Ion Ratio Lower Upper
252 100
253 24.5 24.1 36.1
125 9.9 19.1 28.7

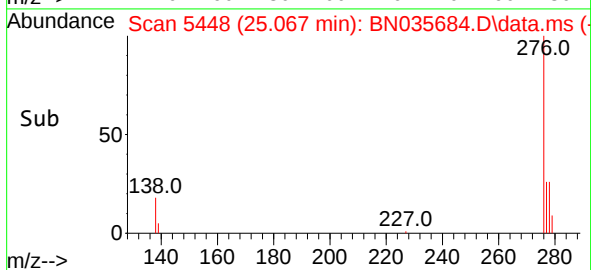
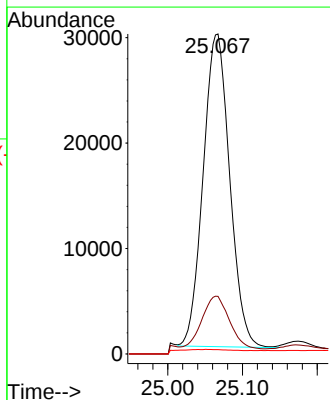
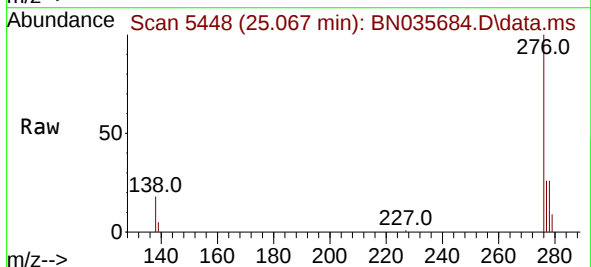
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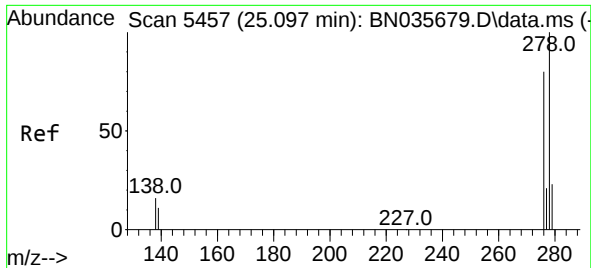
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.243 ng/ul
RT: 25.067 min Scan# 5448
Delta R.T. -0.014 min
Lab File: BN035684.D
Acq: 19 Dec 2024 00:06

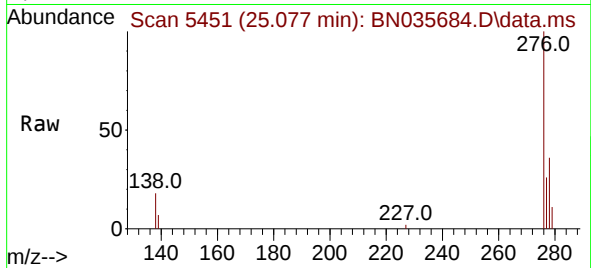
Tgt Ion:276 Resp: 73278
Ion Ratio Lower Upper
276 100
138 18.8 14.7 22.1
227 7.1 21.6 32.4





#28
Dibenzo(a,h)anthracene
Concen: 0.945 ng/ul m
RT: 25.077 min Scan# 5457
Delta R.T. -0.024 min
Lab File: BN035684.D
Acq: 19 Dec 2024 00:06

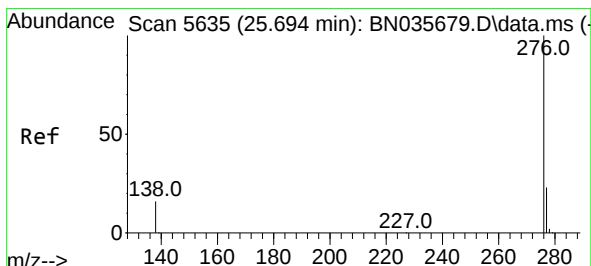
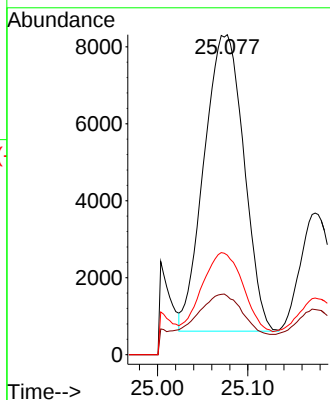
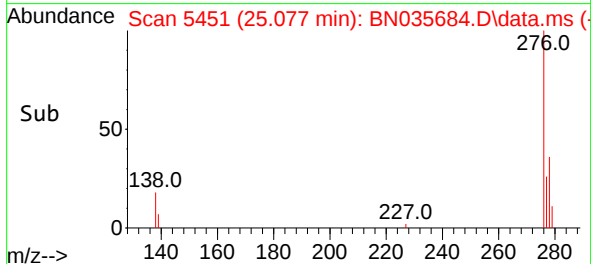
Instrument :
BNA_N
ClientSampleId :
E28X2



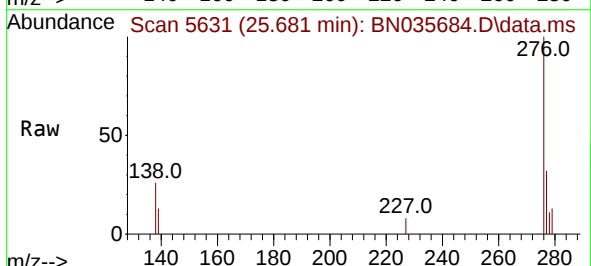
Tgt Ion:278 Resp: 23562
Ion Ratio Lower Upper
278 100
139 18.3 19.8 29.8
279 31.1 24.0 36.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.398 ng/ul
RT: 25.681 min Scan# 5631
Delta R.T. -0.017 min
Lab File: BN035684.D
Acq: 19 Dec 2024 00:06



Tgt Ion:276 Resp: 10446
Ion Ratio Lower Upper
276 100
138 26.4 19.6 29.4
277 31.5 21.6 32.4

