

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035683.D
 Acq On : 18 Dec 2024 23:30
 Operator : RC/JU
 Sample : P5258-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X1

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 01:54:35 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	2721	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	7419	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.940	164	5239	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.709	188	10814	0.400	ng/ul	0.00
17) Chrysene-d12	20.955	240	8953	0.400	ng/ul	0.00
23) Perylene-d12	23.042	264	9183	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	9302	3.856	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	2432	0.230	ng/ul	-0.01
18) Fluoranthene-d10	18.763	212	5416	0.207	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.069	128	2494m	0.137	ng/ul	
7) 2-Methylnaphthalene	11.703	142	1762	0.144	ng/ul	99
8) 1-Methylnaphthalene	11.928	142	1474	0.116	ng/ul	99
10) Acenaphthylene	13.653	152	5880	0.290	ng/ul	99
11) Acenaphthene	14.004	153	7212	0.470	ng/ul	99
12) Fluorene	15.008	166	8193	0.459	ng/ul	99
15) Phenanthrene	16.751	178	170214	6.289	ng/ul	98
16) Anthracene	16.840	178	36772	1.453	ng/ul	99
19) Fluoranthene	18.791	202	362457	11.320	ng/ul	99
20) Pyrene	19.158	202	258459	7.327	ng/ul	99
21) Benzo(a)anthracene	20.941	228	160269	5.397	ng/ul	100
22) Chrysene	20.993	228	151081	4.904	ng/ul	97
24) Benzo(b)fluoranthene	22.434	252	200921m	7.425	ng/ul	
25) Benzo(k)fluoranthene	22.472	252	69799m	2.332	ng/ul	
26) Benzo(a)pyrene	22.951	252	84022m	3.206	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.067	276	72515	2.273	ng/ul#	72
28) Dibenzo(a,h)anthracene	25.074	278	22536m	0.925	ng/ul	
29) Benzo(g,h,i)perylene	25.678	276	10495	0.410	ng/ul	96

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

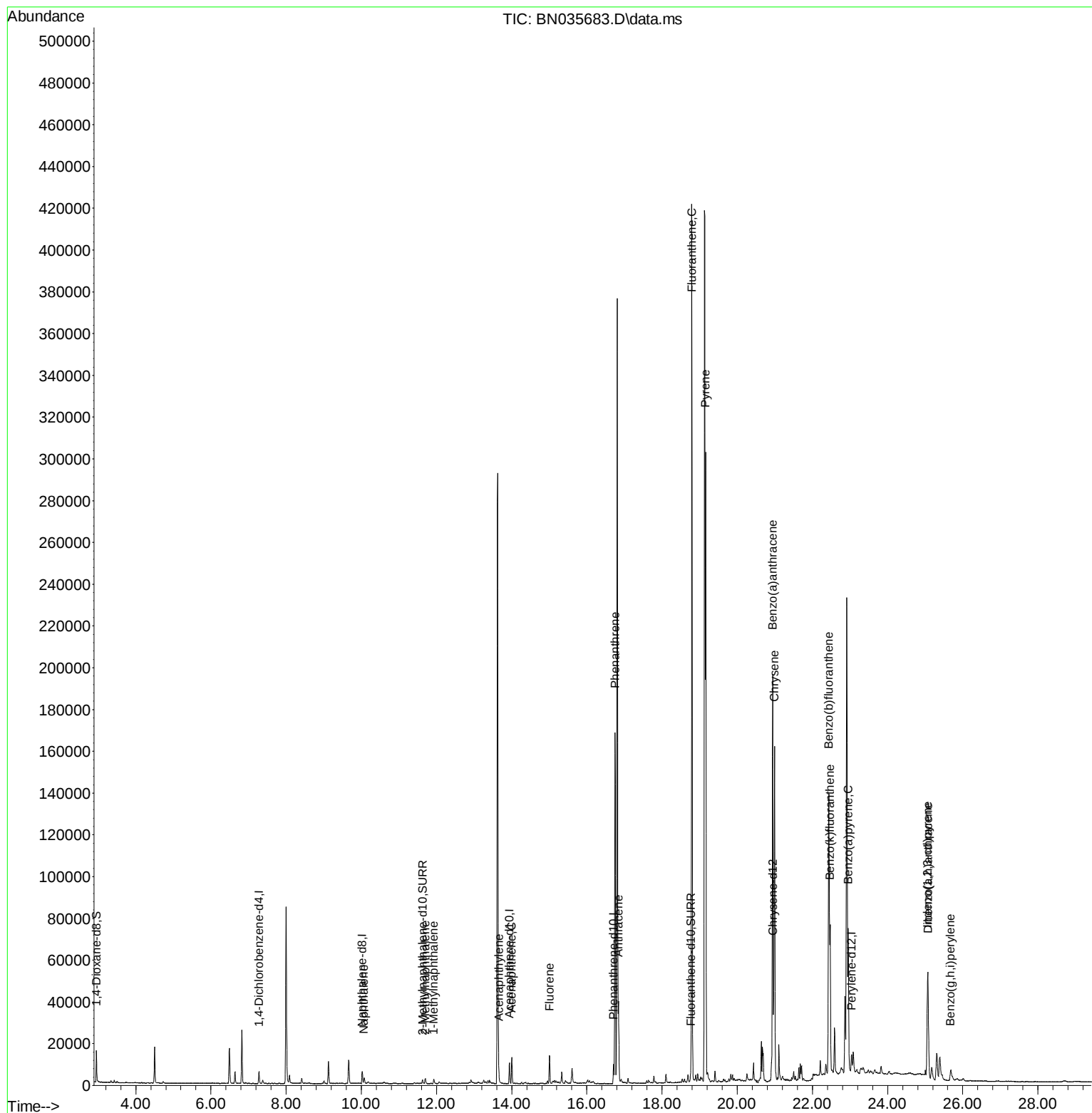
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035683.D
Acq On : 18 Dec 2024 23:30
Operator : RC/JU
Sample : P5258-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

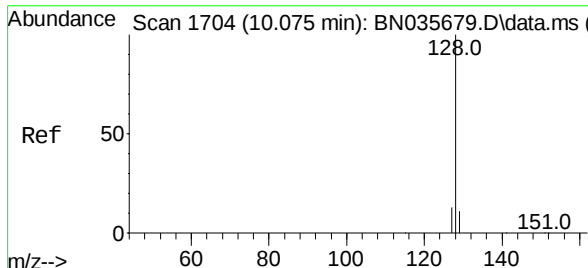
Instrument :
BNA_N
ClientSampleId :
E28X1

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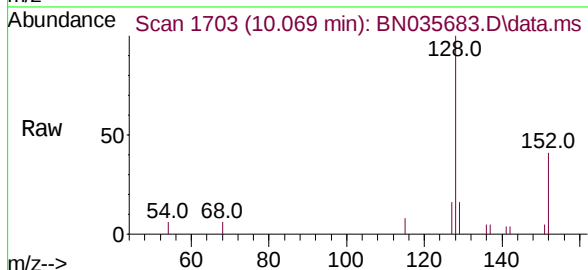
Quant Time: Dec 19 01:54:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





Scan 1704 (10.075 min): BN035679.D\data.ms (-1655) (-)
 Naphthalene
 Concen: 0.137 ng/ul m
 RT: 10.069 min Scan# 1
 Delta R.T. -0.011 min
 Lab File: BN035683.D
 Acq: 18 Dec 2024 23:30

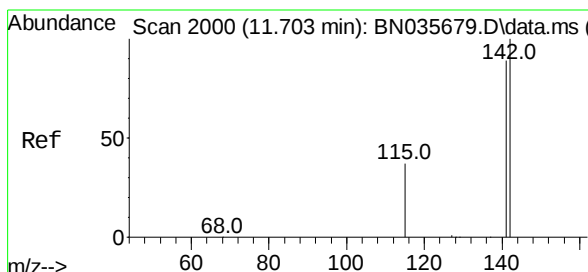
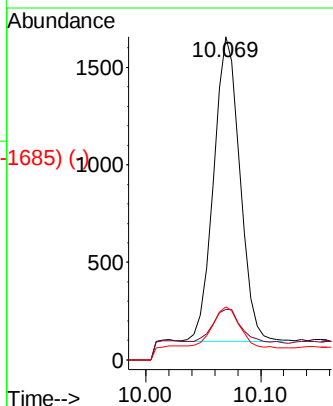
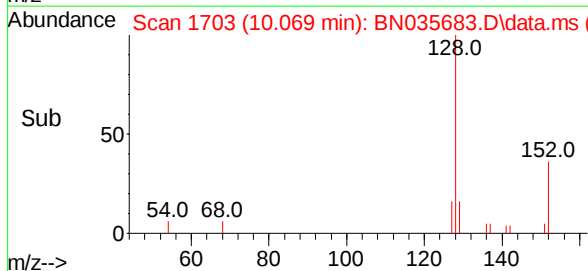
Instrument :
 BNA_N
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 E28X1



Tgt Ion:	128	Resp:	249
Ion	Ratio	Lower	Upper
128	100		
129	15.6	10.8	16.2
127	16.5	12.0	18.0

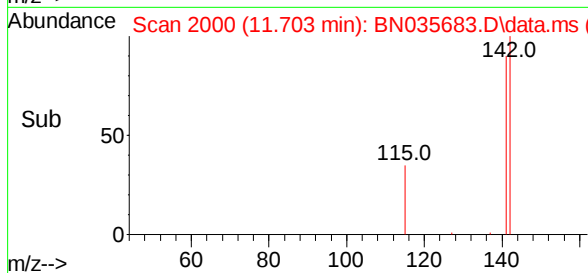
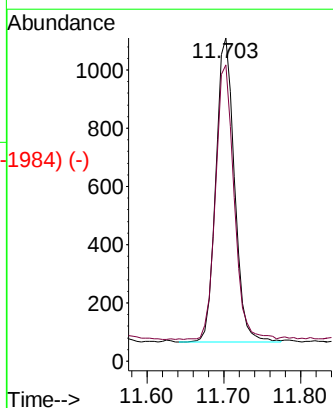
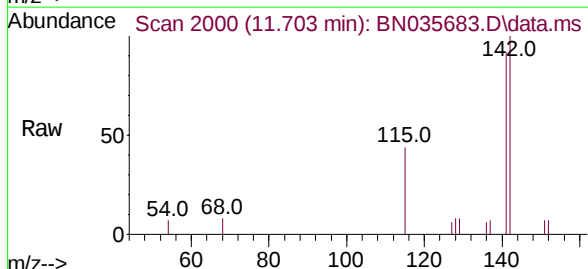
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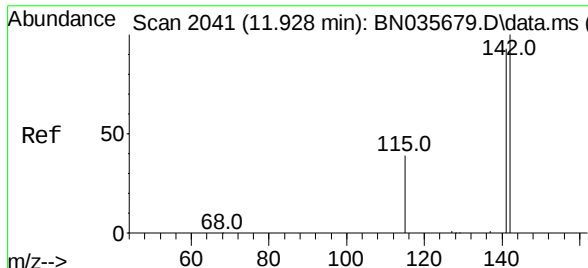
Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/24/2024



Scan 2000 (11.703 min): BN035679.D\data.ms (-1991) (-)
 2-Methylnaphthalene
 Concen: 0.144 ng/ul
 RT: 11.703 min Scan# 2000
 Delta R.T. -0.011 min
 Lab File: BN035683.D
 Acq: 18 Dec 2024 23:30

Tgt Ion:	142	Resp:	1762
Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.8	109.2





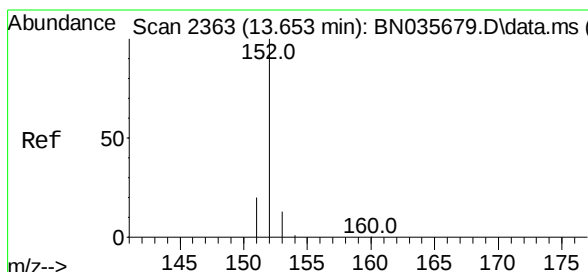
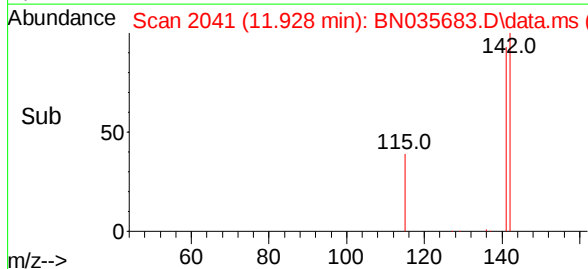
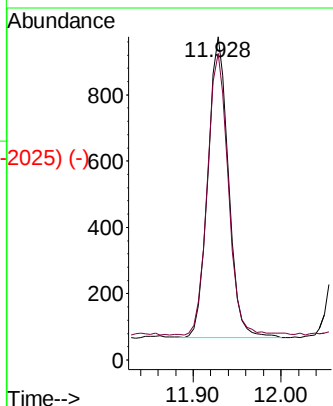
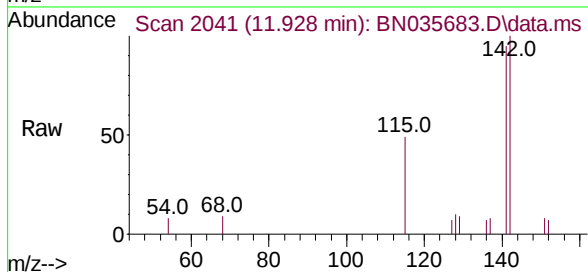
1-Methylnaphthalene
 Concen: 0.116 ng/ul
 RT: 11.928 min Scan# 2041
 Delta R.T. -0.011 min
 Lab File: BN035683.D
 Acq: 18 Dec 2024 23:30

Instrument :
 BNA_N
 ClientSampleId :
 E28X1

Tgt Ion:142 Resp: 147
 Ion Ratio Lower Upper
 142 100
 141 94.3 74.7 112.1

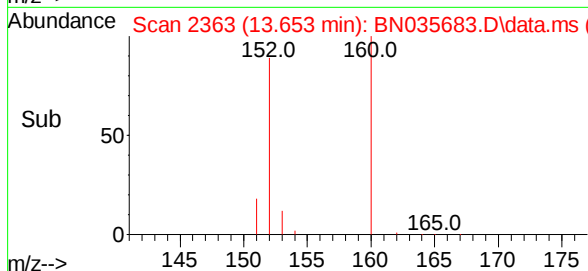
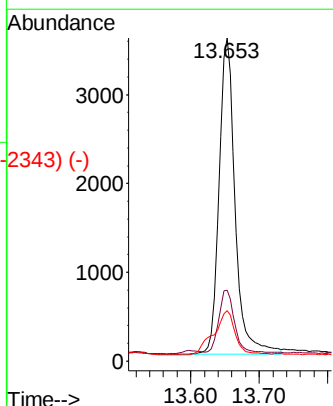
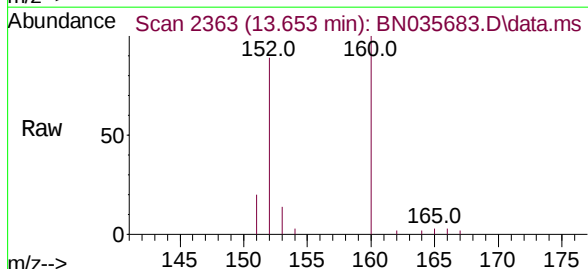
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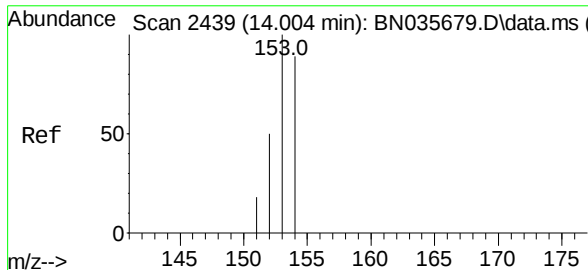
Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/24/2024



Acenaphthylene
 Concen: 0.290 ng/ul
 RT: 13.653 min Scan# 2363
 Delta R.T. -0.009 min
 Lab File: BN035683.D
 Acq: 18 Dec 2024 23:30

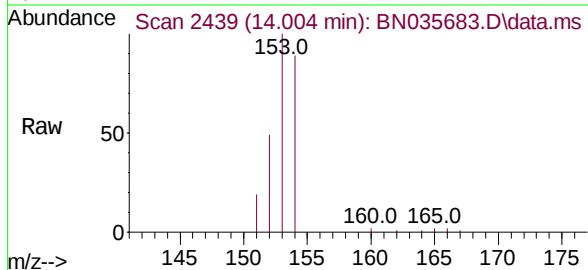
Tgt Ion:152 Resp: 5880
 Ion Ratio Lower Upper
 152 100
 151 22.0 17.6 26.4
 153 15.6 11.4 17.2





Acenaphthene
Concen: 0.470 ng/u1
RT: 14.004 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BN035683.D
Acq: 18 Dec 2024 23:30

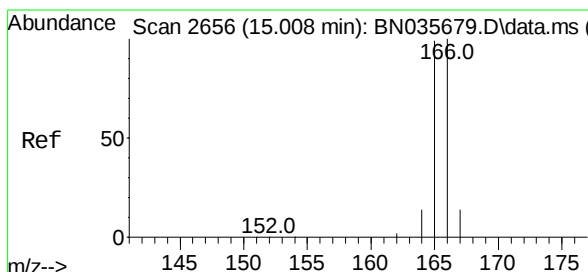
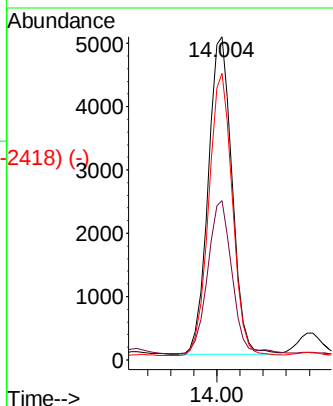
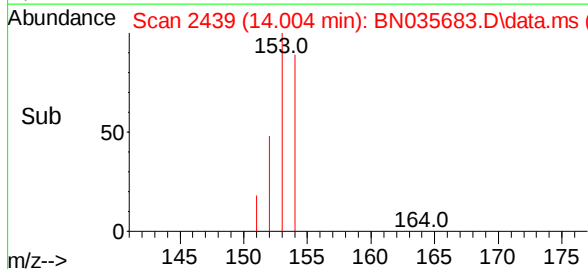
Instrument :
BNA_N
ClientSampleId :
E28X1



Tgt Ion:153 Resp: 722
Ion Ratio Lower Upper
153 100
152 49.3 39.8 59.6
154 88.7 69.8 104.8

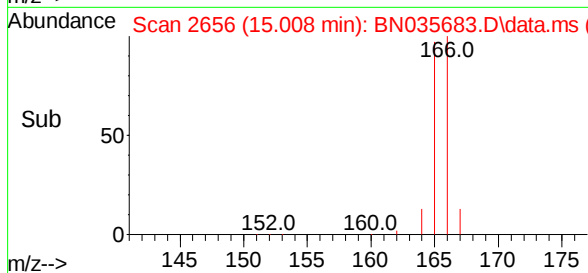
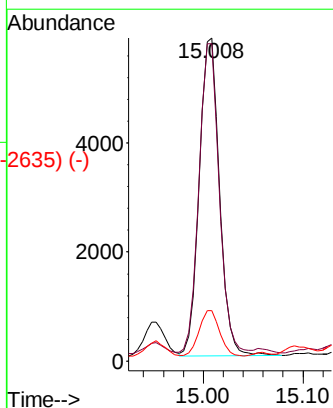
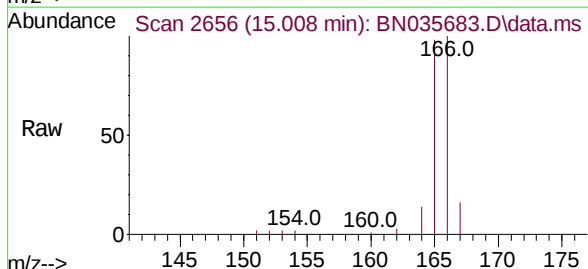
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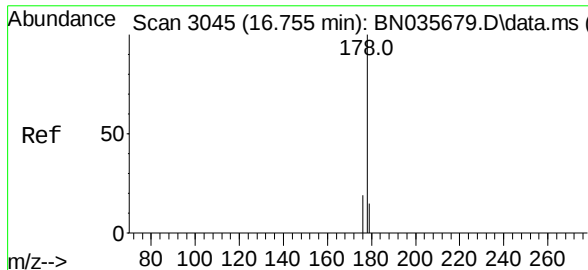
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



Fluorene
Concen: 0.459 ng/u1
RT: 15.008 min Scan# 2656
Delta R.T. -0.005 min
Lab File: BN035683.D
Acq: 18 Dec 2024 23:30

Tgt Ion:166 Resp: 8193
Ion Ratio Lower Upper
166 100
165 98.2 79.5 119.3
167 15.7 11.8 17.8





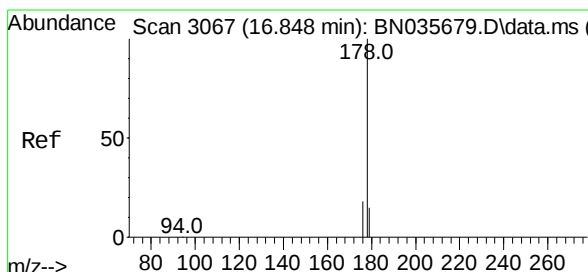
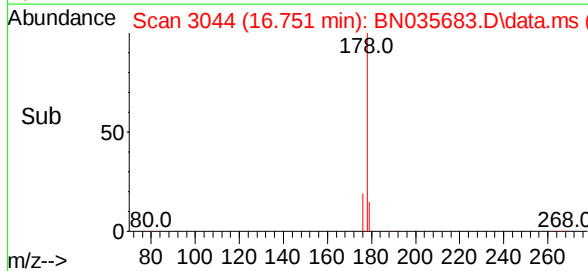
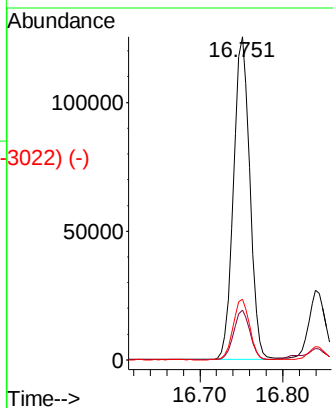
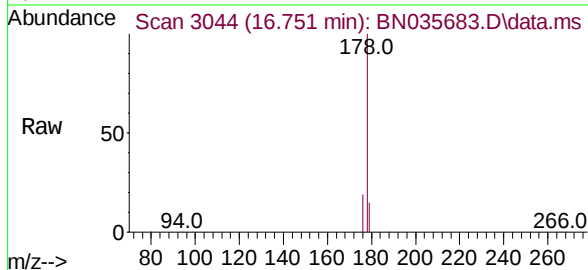
Phenanthrene
Concen: 6.289 ng/ul
RT: 16.751 min Scan# 3044
Delta R.T. -0.008 min
Lab File: BN035683.D
Acq: 18 Dec 2024 23:30

Instrument :
BNA_N
ClientSampleId :
E28X1

Tgt Ion:178 Resp: 1702
Ion Ratio Lower Upper
178 100
179 15.3 13.3 19.9
176 18.8 15.8 23.8

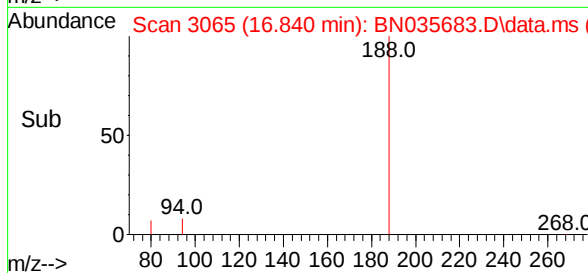
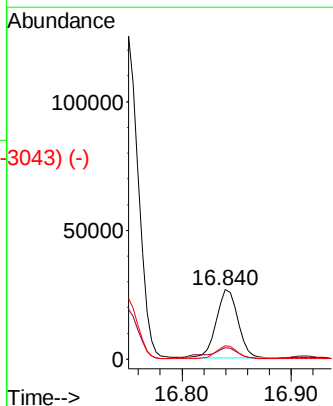
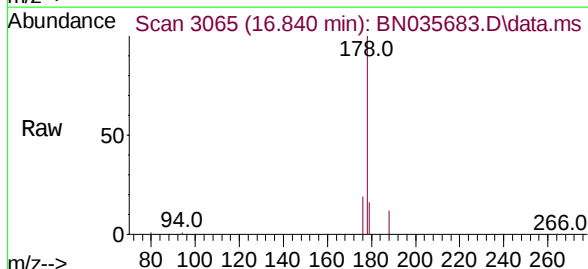
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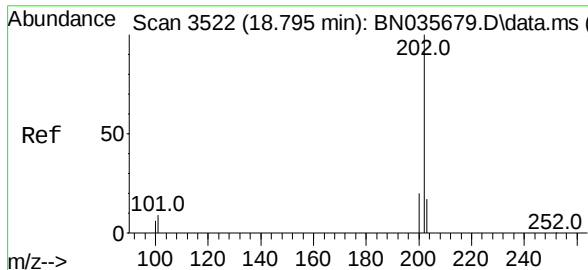
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



Anthracene
Concen: 1.453 ng/ul
RT: 16.840 min Scan# 3065
Delta R.T. -0.008 min
Lab File: BN035683.D
Acq: 18 Dec 2024 23:30

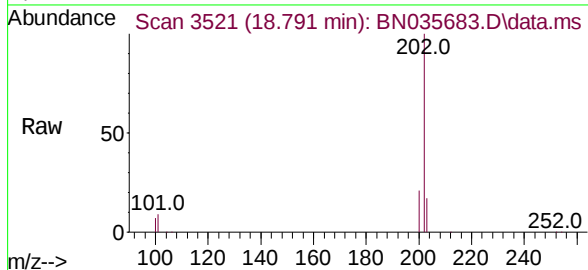
Tgt Ion:178 Resp: 36772
Ion Ratio Lower Upper
178 100
179 16.1 13.4 20.0
176 18.8 15.4 23.0





Fluoranthene
Concen: 11.320 ng/u1
RT: 18.791 min Scan# 3519
Delta R.T. -0.009 min
Lab File: BN035683.D
Acq: 18 Dec 2024 23:30

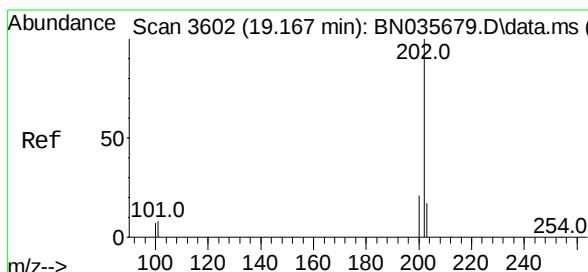
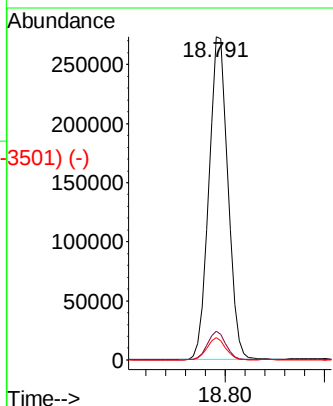
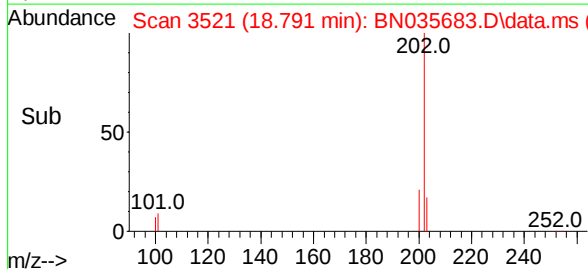
Instrument :
BNA_N
ClientSampleId :
E28X1



Tgt Ion:	202	Resp:	36245
Ion Ratio	Lower	Upper	
202	100		
101	8.9	7.3	10.9
100	6.9	5.4	8.0

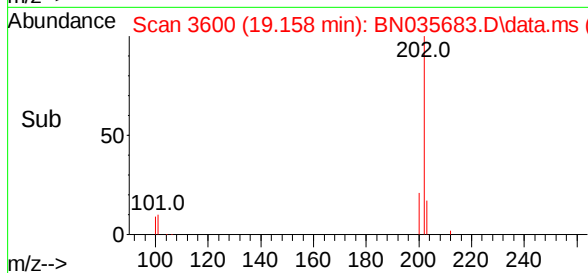
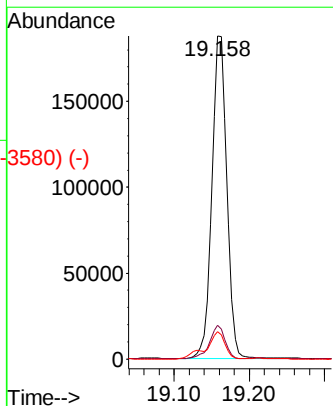
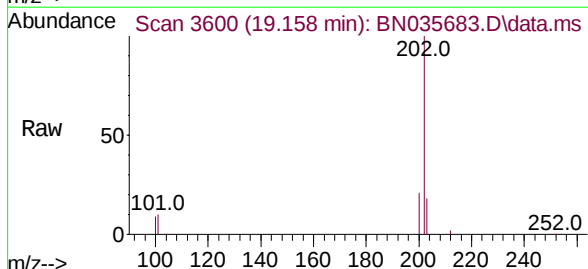
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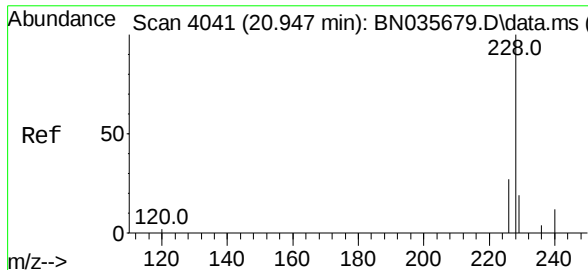
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



Pyrene
Concen: 7.327 ng/u1
RT: 19.158 min Scan# 3600
Delta R.T. -0.009 min
Lab File: BN035683.D
Acq: 18 Dec 2024 23:30

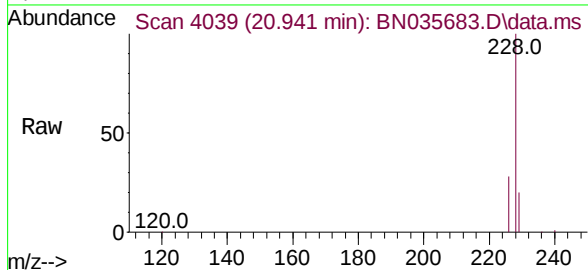
Tgt Ion:	202	Resp:	258459
Ion Ratio	Lower	Upper	
202	100		
101	10.4	8.5	12.7
100	8.6	6.5	9.7





Benzo(a)anthracene
Concen: 5.397 ng/u1
RT: 20.941 min Scan# 4039
Delta R.T. -0.009 min
Lab File: BN035683.D
Acq: 18 Dec 2024 23:30

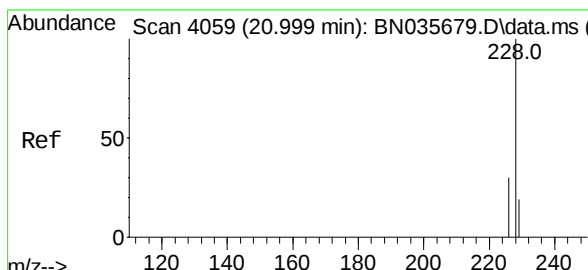
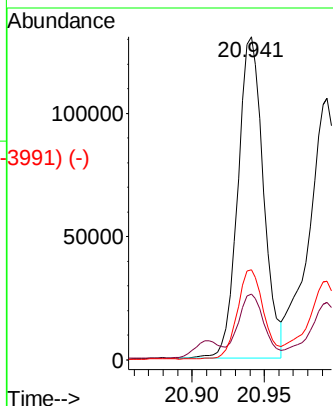
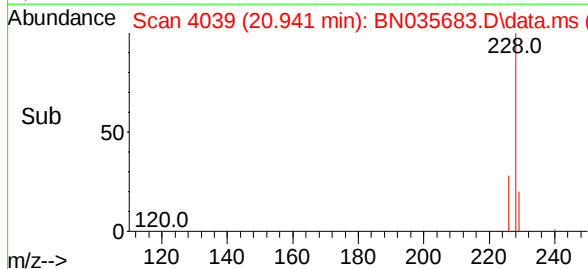
Instrument :
BNA_N
ClientSampleId :
E28X1



Tgt Ion:228 Resp: 16026
Ion Ratio Lower Upper
228 100
229 20.5 16.6 25.0
226 28.0 22.5 33.7

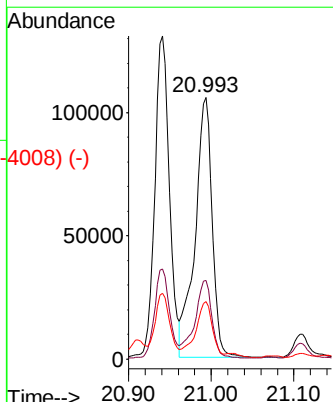
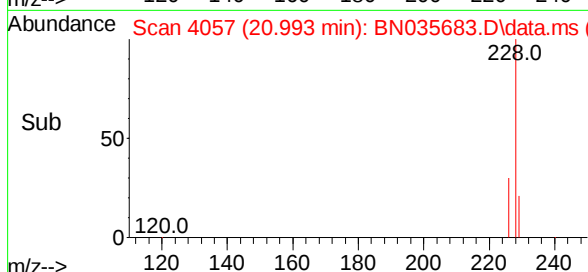
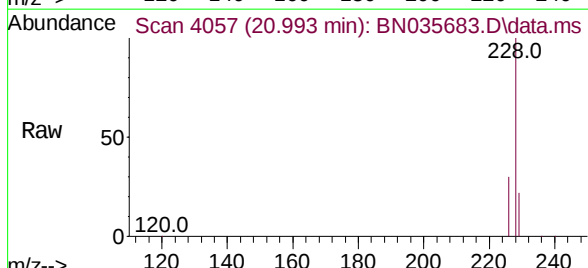
Manual Integrations
APPROVED

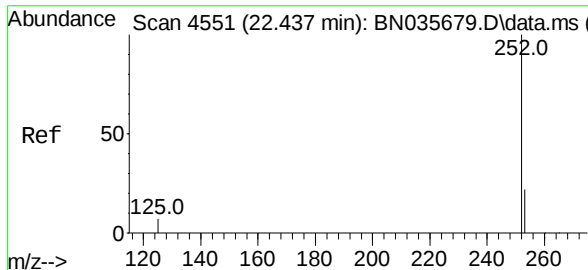
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



Chrysene
Concen: 4.904 ng/u1
RT: 20.993 min Scan# 4057
Delta R.T. -0.006 min
Lab File: BN035683.D
Acq: 18 Dec 2024 23:30

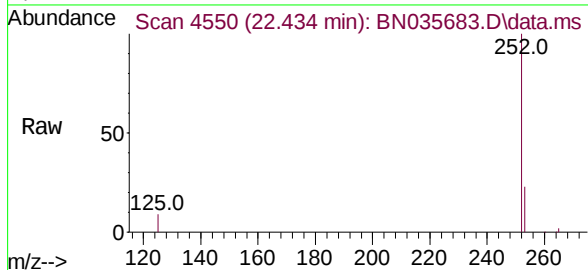
Tgt Ion:228 Resp: 151081
Ion Ratio Lower Upper
228 100
226 30.0 25.1 37.7
229 22.0 16.6 24.8





Scan 4551 (22.437 min): BN035679.D\data.ms (-4524) (-)
 Benzo(b)fluoranthene
 Concen: 7.425 ng/ul m
 RT: 22.434 min Scan# 4551
 Delta R.T. -0.009 min
 Lab File: BN035683.D
 Acq: 18 Dec 2024 23:30

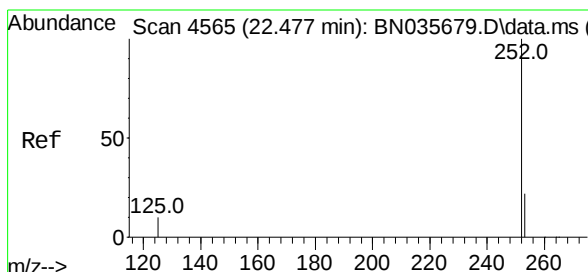
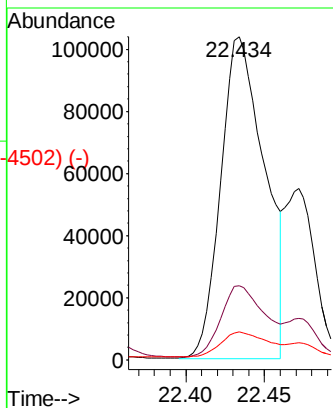
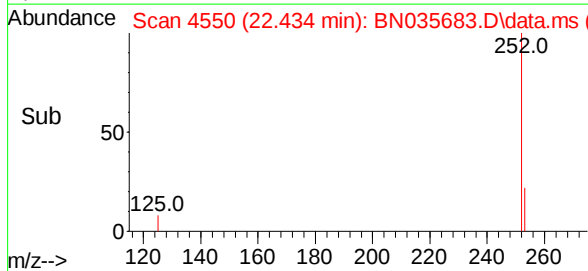
Instrument :
 BNA_N
 ClientSampleId :
 E28X1



Tgt Ion:252 Resp: 20092
 Ion Ratio Lower Upper
 252 100
 253 23.0 0.0 56.4
 125 8.6 0.0 37.6

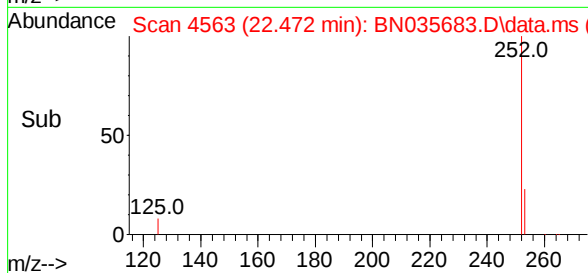
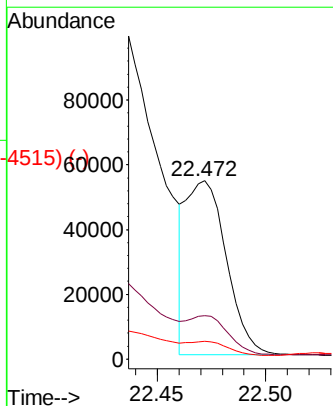
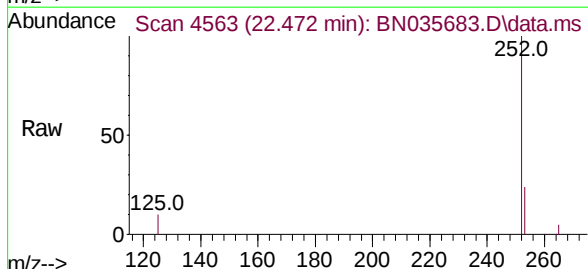
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 Supervised By :mohammad ahmed 12/24/2024



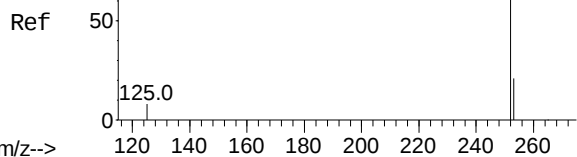
Scan 4565 (22.477 min): BN035679.D\data.ms (-4525) (-)
 Benzo(k)fluoranthene
 Concen: 2.332 ng/ul m
 RT: 22.472 min Scan# 4563
 Delta R.T. -0.009 min
 Lab File: BN035683.D
 Acq: 18 Dec 2024 23:30

Tgt Ion:252 Resp: 69799
 Ion Ratio Lower Upper
 252 100
 253 24.4 22.1 33.1
 125 10.1 15.3 22.9#



Abundance Scan 4730 (22.960 min): BN035679.D\data.ms (-4729) (-)

Benzo(a)pyrene
Concen: 3.206 ng/u1 m
RT: 22.951 min Scan# 4729
Delta R.T. -0.012 min
Lab File: BN035683.D
Acq: 18 Dec 2024 23:30

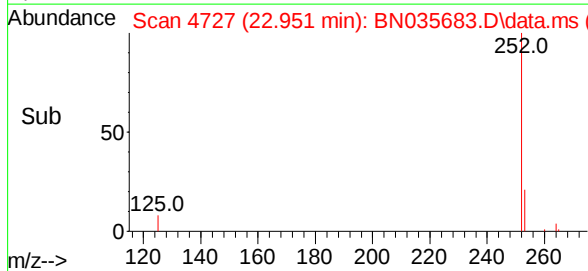
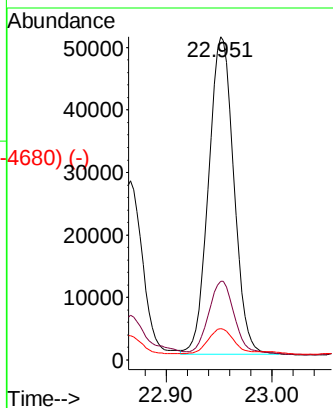
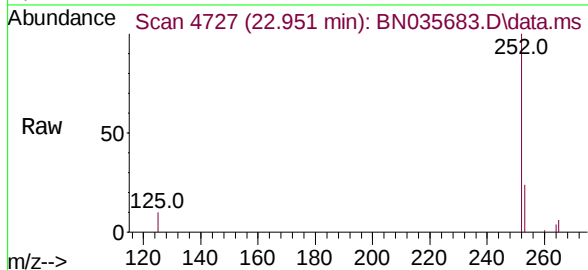


Tgt Ion:	252	Resp:	8402
Ion Ratio	Lower	Upper	
252	100		
253	24.4	24.1	36.3
125	9.7	19.1	28.7

Instrument :
BNA_N
ClientSampleId :
E28X1

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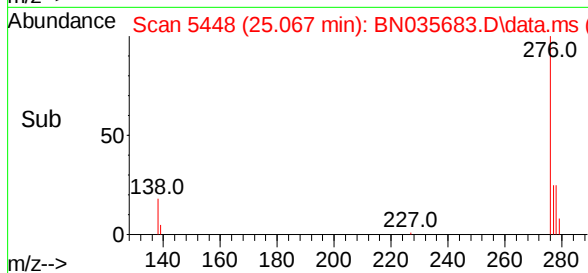
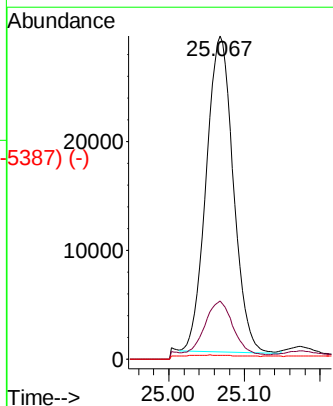
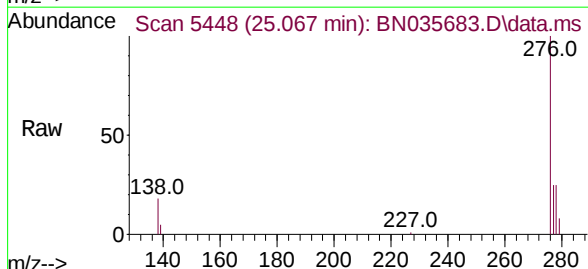
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



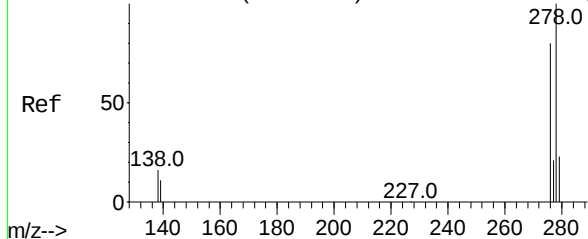
Abundance Scan 5451 (25.077 min): BN035679.D\data.ms (-5427) (-)

Indeno(1,2,3-cd)pyrene
Concen: 2.273 ng/u1
RT: 25.067 min Scan# 5448
Delta R.T. -0.013 min
Lab File: BN035683.D
Acq: 18 Dec 2024 23:30

Tgt Ion:	276	Resp:	72515
Ion Ratio	Lower	Upper	
276	100		
138	22.3	14.7	22.1#
227	6.1	21.6	32.4#

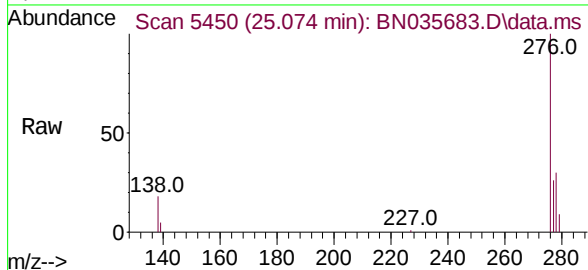


Abundance Scan 5457 (25.097 min): BN035679.D\data.ms (-5428) (-)



Dibenzo(a,h)anthracene
Concen: 0.925 ng/ul m
RT: 25.074 min Scan# 428
Delta R.T. -0.027 min
Lab File: BN035683.D
Acq: 18 Dec 2024 23:30

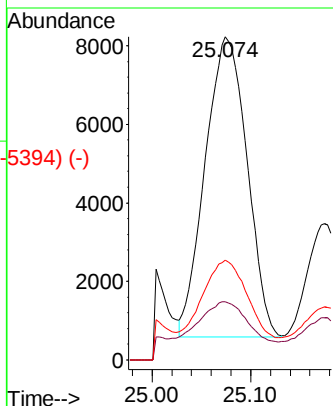
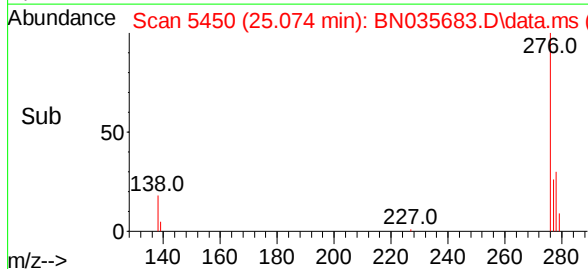
Instrument :
BNA_N
ClientSampleId :
E28X1



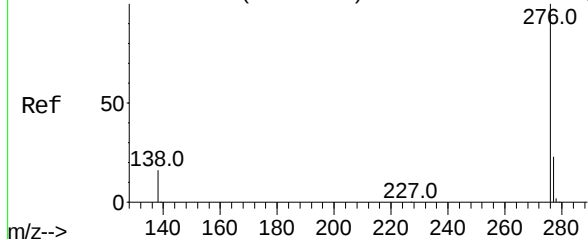
Tgt Ion:	278	Resp:	2253
Ion	Ratio	Lower	Upper
278	100		
139	18.1	19.8	29.8
279	30.8	24.0	36.0

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Supervised By :mohammad ahmed 12/24/2024



Abundance Scan 5635 (25.694 min): BN035679.D\data.ms (-5629) (-)



Benzo(g,h,i)perylene
Concen: 0.410 ng/ul
RT: 25.678 min Scan# 5630
Delta R.T. -0.020 min
Lab File: BN035683.D
Acq: 18 Dec 2024 23:30

Tgt Ion:	276	Resp:	10495
Ion	Ratio	Lower	Upper
276	100		
138	25.2	19.6	29.4
277	30.1	21.6	32.4

