

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035570.D
 Acq On : 11 Dec 2024 17:17
 Operator : RC/JU
 Sample : P5153-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28P4

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 22:09:52 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	3036	0.400	ng/ul	0.00
4) Naphthalene-d8	10.037	136	8721	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.949	164	6101	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	12036	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.964	240	7896	0.400	ng/ul	# 0.00
23) Perylene-d12	23.057	264	7351m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	9424	3.396	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	2853	0.223	ng/ul	0.00
18) Fluoranthene-d10	18.772	212	8112	0.372	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.081	128	2009m	0.091	ng/ul	
7) 2-Methylnaphthalene	11.714	142	2940	0.193	ng/ul	98
8) 1-Methylnaphthalene	11.939	142	2158	0.140	ng/ul	96
11) Acenaphthene	14.014	153	11295	0.610	ng/ul	98
12) Fluorene	15.013	166	14503	0.667	ng/ul	95
15) Phenanthrene	16.760	178	153138	4.813	ng/ul	99
16) Anthracene	16.852	178	41040	1.390	ng/ul#	96
19) Fluoranthene	18.800	202	146786	5.339	ng/ul	99
20) Pyrene	19.167	202	115957	4.053	ng/ul	97
21) Benzo(a)anthracene	20.950	228	46324	1.691	ng/ul#	92
22) Chrysene	21.002	228	47176	1.711	ng/ul#	92
24) Benzo(b)fluoranthene	22.448	252	44777m	1.843	ng/ul	
25) Benzo(k)fluoranthene	22.484	252	15739m	0.628	ng/ul	
26) Benzo(a)pyrene	22.969	252	32914m	1.482	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.088	276	19790m	0.660	ng/ul	
28) Dibenzo(a,h)anthracene	25.098	278	4765m	0.203	ng/ul	
29) Benzo(g,h,i)perylene	25.705	276	20207m	0.855	ng/ul	

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

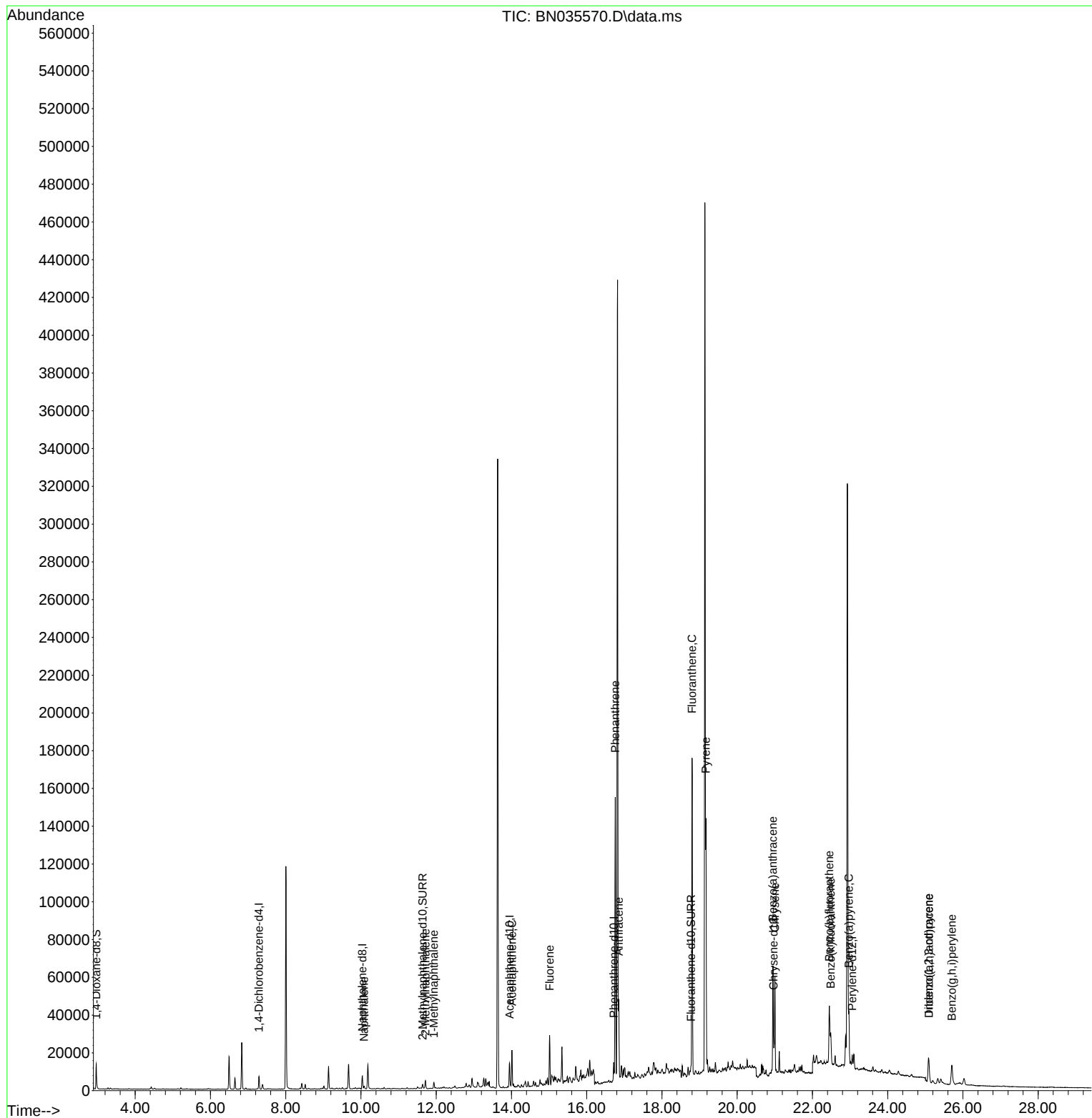
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035570.D
Acq On : 11 Dec 2024 17:17
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Sample : P5153-06
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ALS Vial : 11 Sample Multiplier: 1

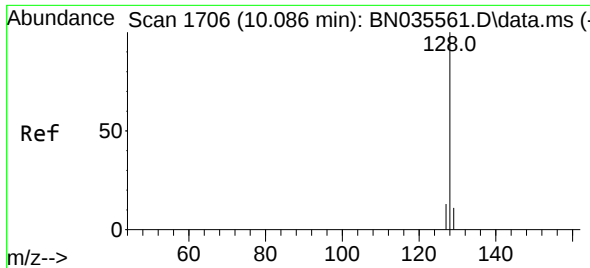
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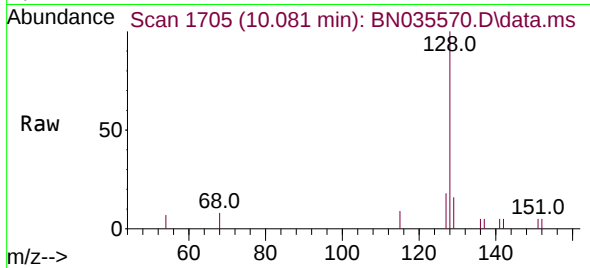
Quant Time: Dec 11 22:09:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.091 ng/ul m
RT: 10.081 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BN035570.D
Acq: 11 Dec 2024 17:17

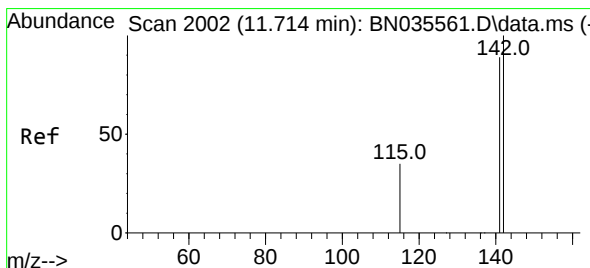
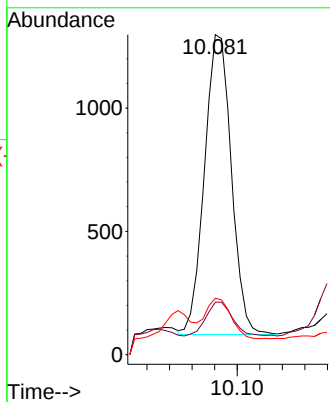
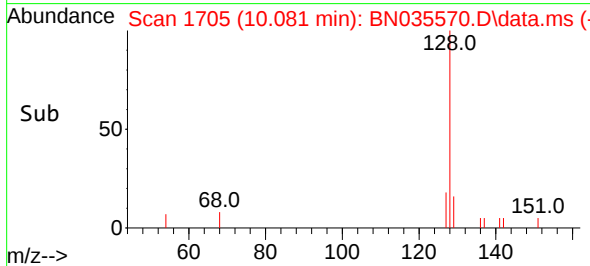
Instrument :
BNA_N
ClientSampleId :
E28P4



Tgt Ion:128 Resp: 2009
Ion Ratio Lower Upper
128 100
129 16.4 9.9 14.9
127 17.6 11.4 17.2

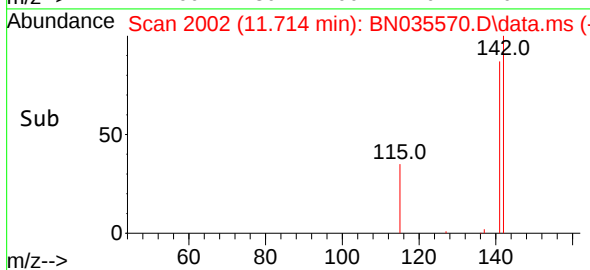
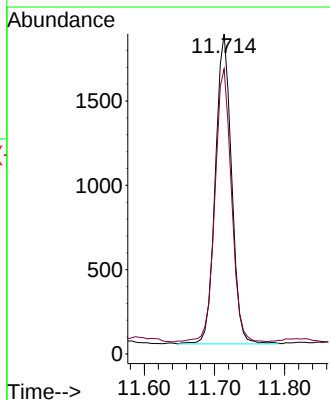
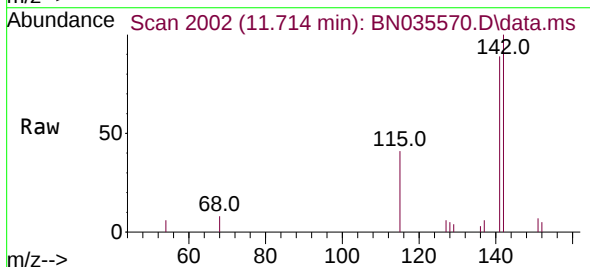
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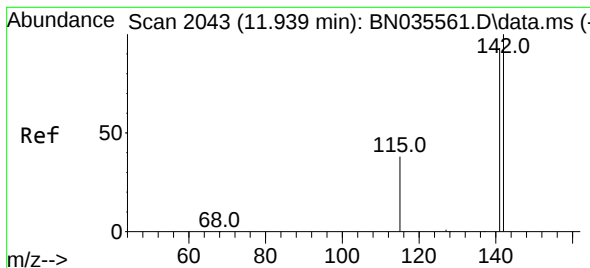
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#7
2-Methylnaphthalene
Concen: 0.193 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN035570.D
Acq: 11 Dec 2024 17:17

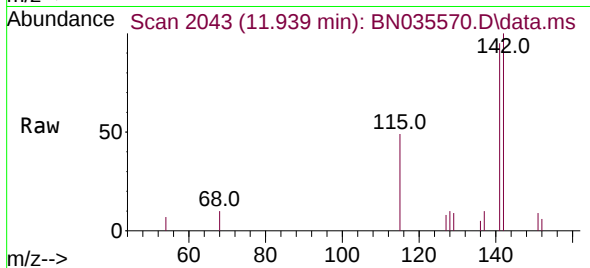
Tgt Ion:142 Resp: 2940
Ion Ratio Lower Upper
142 100
141 90.2 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.140 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BN035570.D
Acq: 11 Dec 2024 17:17

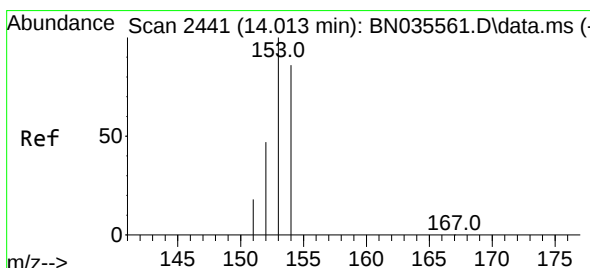
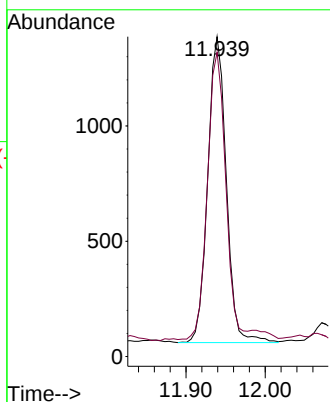
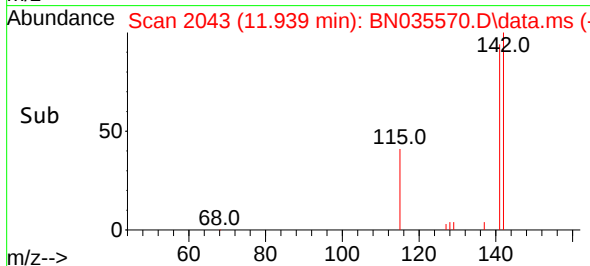
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 2158
Ion Ratio Lower Upper
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141 95.5 73.1 109.7

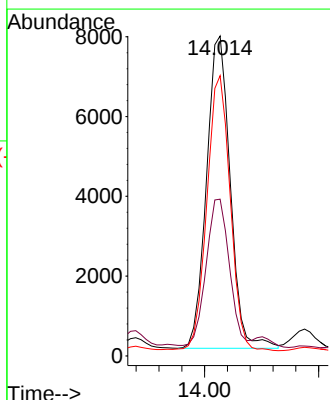
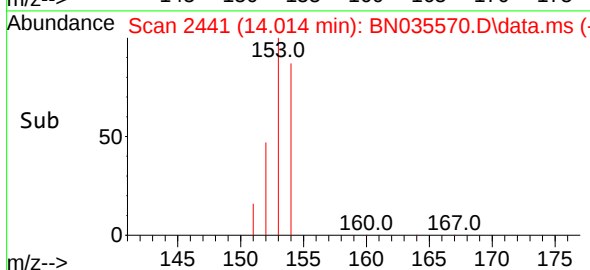
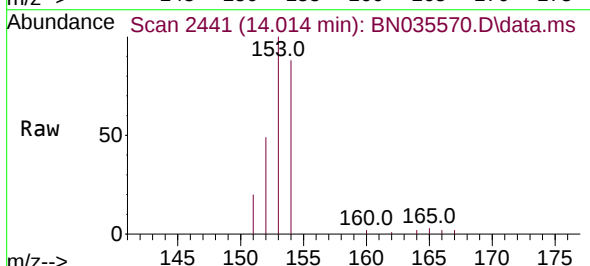
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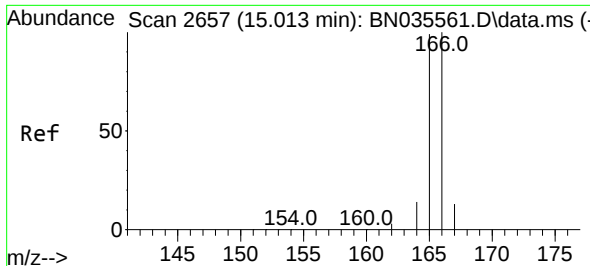
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#11
Acenaphthene
Concen: 0.610 ng/ul
RT: 14.014 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN035570.D
Acq: 11 Dec 2024 17:17

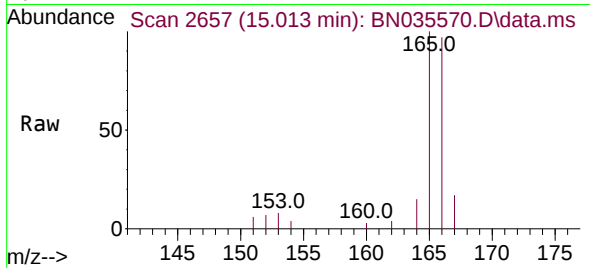
Tgt Ion:153 Resp: 11295
Ion Ratio Lower Upper
153 100
152 49.0 41.4 62.0
154 87.6 71.2 106.8





#12
Fluorene
Concen: 0.667 ng/ul
RT: 15.013 min Scan# 2657
Delta R.T. -0.004 min
Lab File: BN035570.D
Acq: 11 Dec 2024 17:17

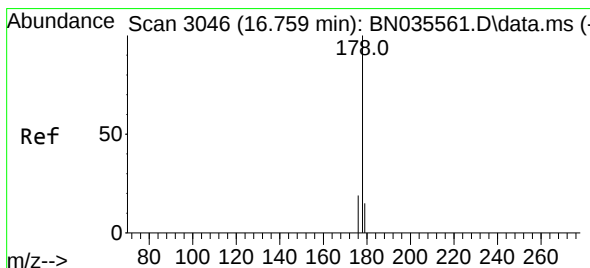
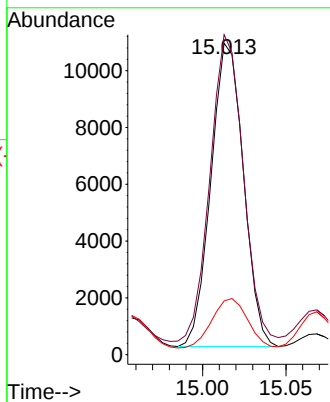
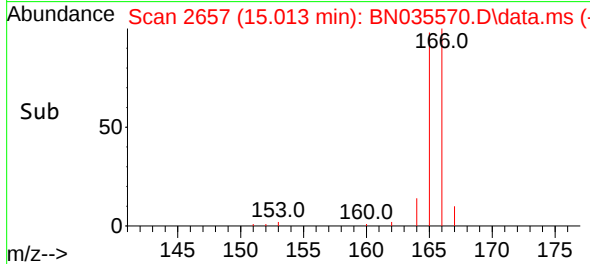
Instrument :
BNA_N
ClientSampleId :
E28P4



Tgt Ion:166 Resp: 1450
Ion Ratio Lower Upper
166 100
165 102.7 78.6 118.0
167 17.2 11.8 17.6

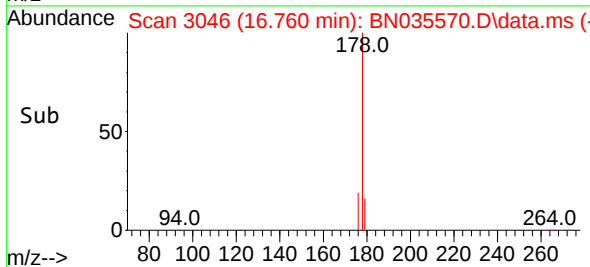
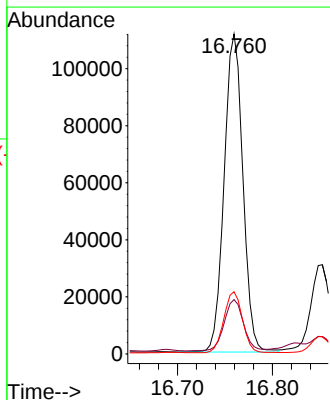
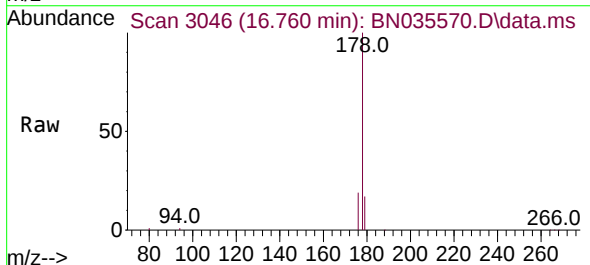
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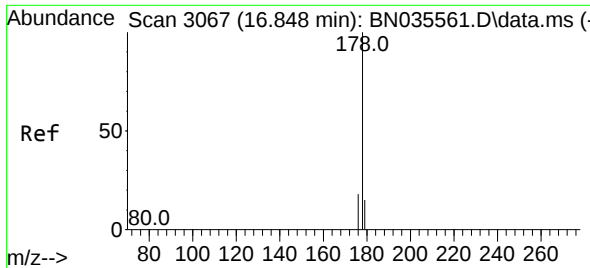
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#15
Phenanthrene
Concen: 4.813 ng/ul
RT: 16.760 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BN035570.D
Acq: 11 Dec 2024 17:17

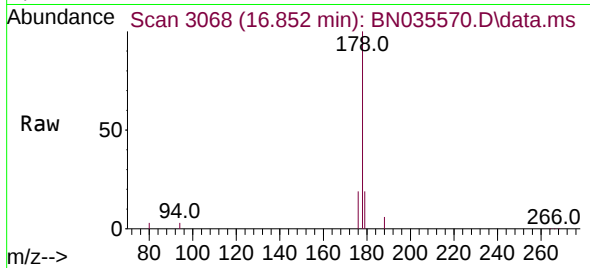
Tgt Ion:178 Resp: 153138
Ion Ratio Lower Upper
178 100
179 17.0 12.9 19.3
176 19.4 15.6 23.4





#16
 Anthracene
 Concen: 1.390 ng/ul
 RT: 16.852 min Scan# 3067
 Delta R.T. 0.004 min
 Lab File: BN035570.D
 Acq: 11 Dec 2024 17:17

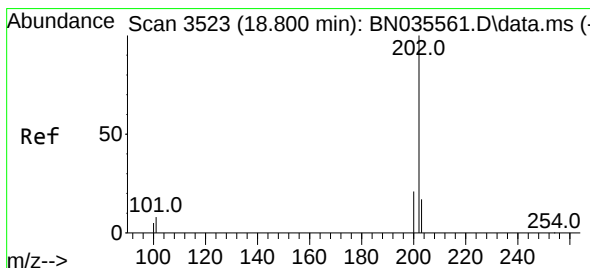
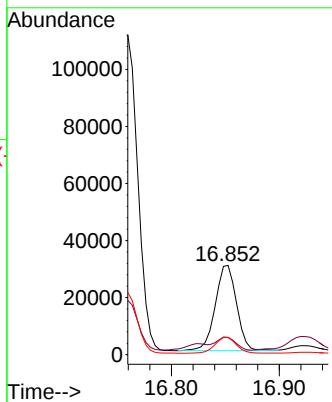
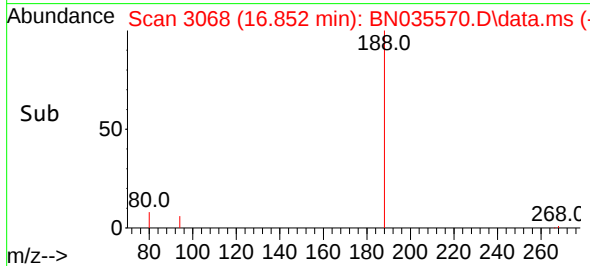
Instrument :
 BNA_N
 ClientSampleId :
 E28P4



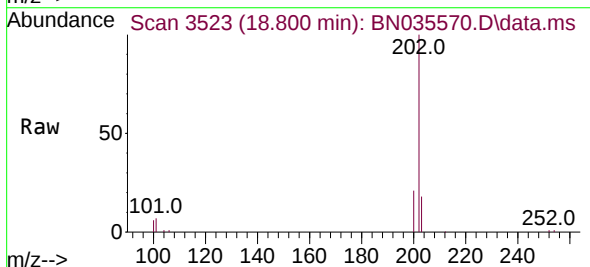
Tgt Ion:178 Resp: 41040
 Ion Ratio Lower Upper
 178 100
 179 19.4 12.9 19.3
 176 19.3 15.4 23.2

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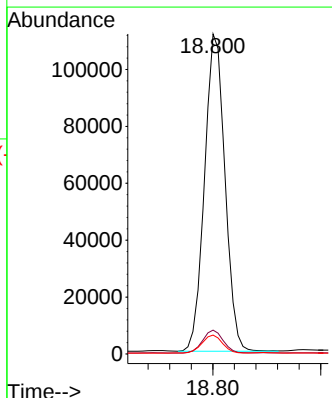
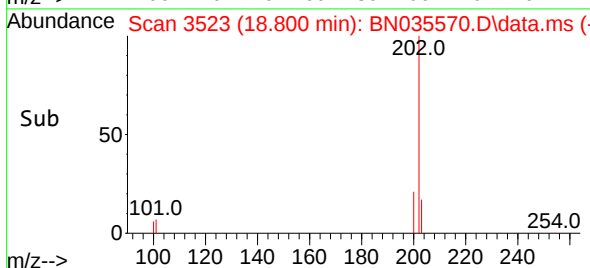
Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/12/2024

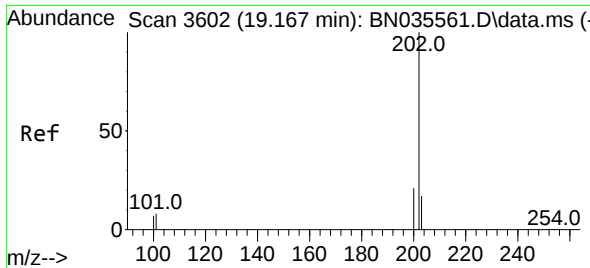


#19
 Fluoranthene
 Concen: 5.339 ng/ul
 RT: 18.800 min Scan# 3523
 Delta R.T. 0.000 min
 Lab File: BN035570.D
 Acq: 11 Dec 2024 17:17



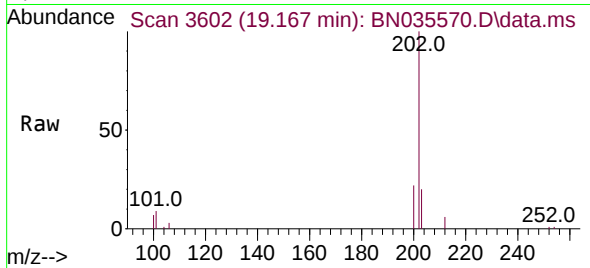
Tgt Ion:202 Resp: 146786
 Ion Ratio Lower Upper
 202 100
 101 7.5 5.8 8.6
 100 5.9 4.5 6.7





#20
Pyrene
Concen: 4.053 ng/ul
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035570.D
Acq: 11 Dec 2024 17:17

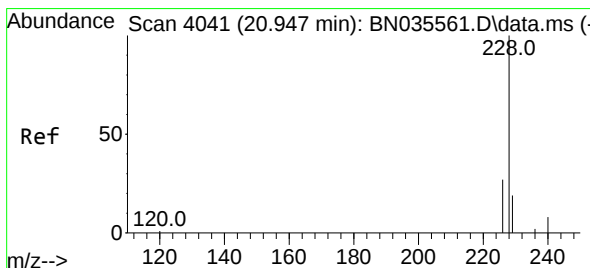
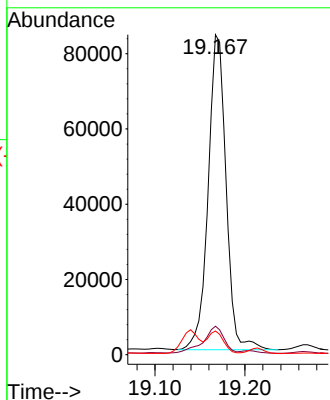
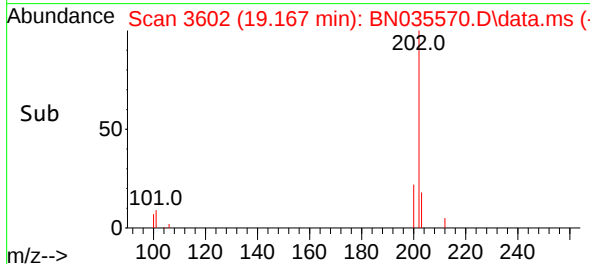
Instrument :
BNA_N
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E28P4



Tgt Ion:202 Resp: 11595
Ion Ratio Lower Upper
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101 8.9 6.2 9.4
100 7.4 5.1 7.7

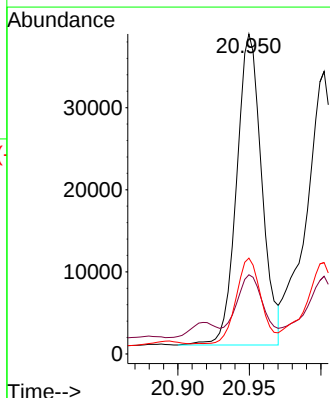
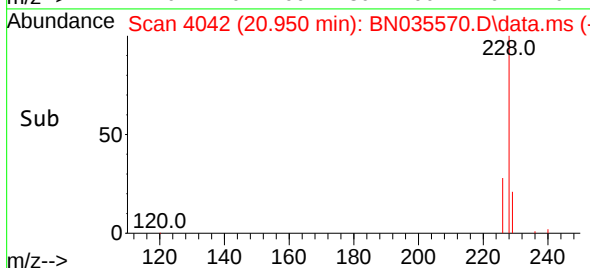
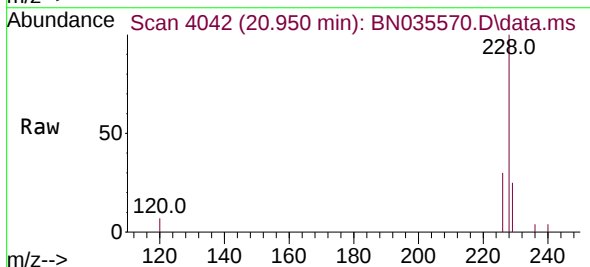
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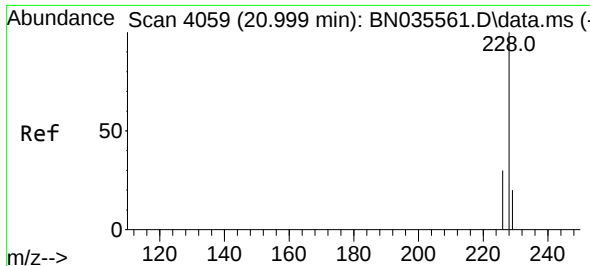
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#21
Benzo(a)anthracene
Concen: 1.691 ng/ul
RT: 20.950 min Scan# 4042
Delta R.T. 0.003 min
Lab File: BN035570.D
Acq: 11 Dec 2024 17:17

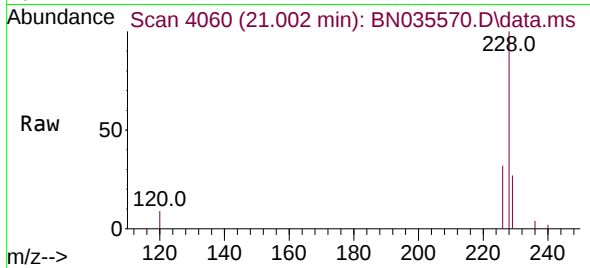
Tgt Ion:228 Resp: 46324
Ion Ratio Lower Upper
228 100
229 24.8 15.8 23.8#
226 30.0 21.8 32.8





#22
Chrysene
Concen: 1.711 ng/ul
RT: 21.002 min Scan# 4060
Delta R.T. 0.006 min
Lab File: BN035570.D
Acq: 11 Dec 2024 17:17

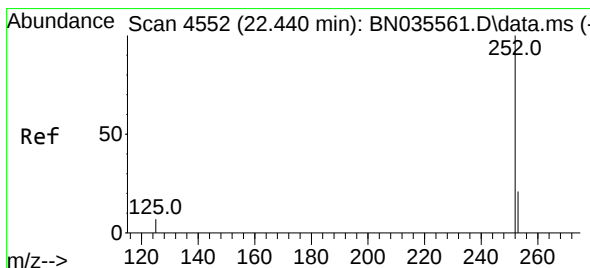
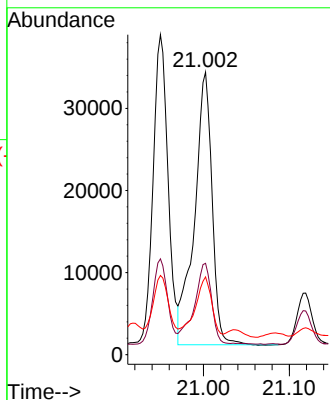
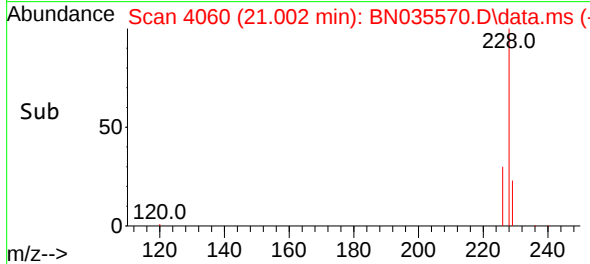
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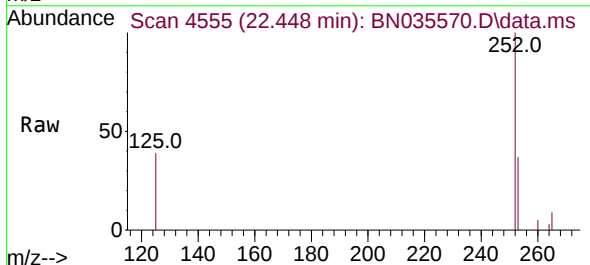
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Ion Ratio Lower Upper
228 100
226 32.3 24.7 37.1
229 27.5 16.0 24.0

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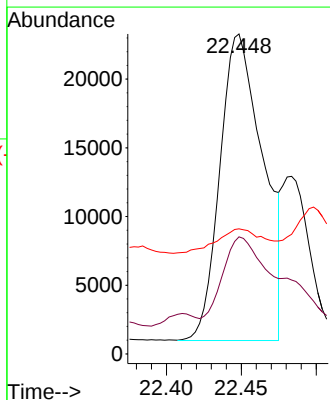
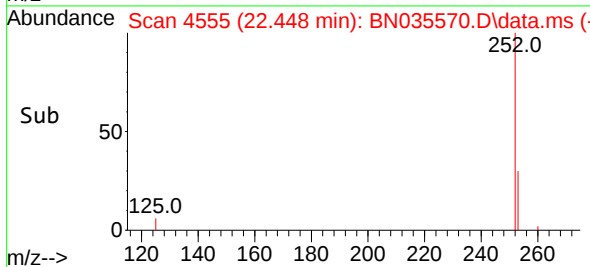
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

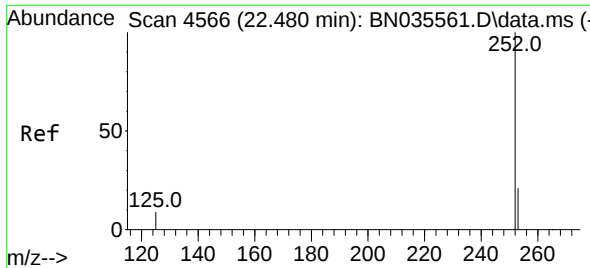


#24
Benzo(b)fluoranthene
Concen: 1.843 ng/ul m
RT: 22.448 min Scan# 4555
Delta R.T. 0.009 min
Lab File: BN035570.D
Acq: 11 Dec 2024 17:17



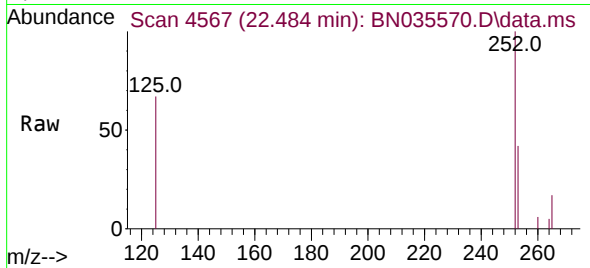
Tgt Ion:252 Resp: 44777
Ion Ratio Lower Upper
252 100
253 36.6 0.0 54.0
125 39.1 0.0 19.4





#25
Benzo(k)fluoranthene
Concen: 0.628 ng/ul m
RT: 22.484 min Scan# 4566
Delta R.T. 0.003 min
Lab File: BN035570.D
Acq: 11 Dec 2024 17:17

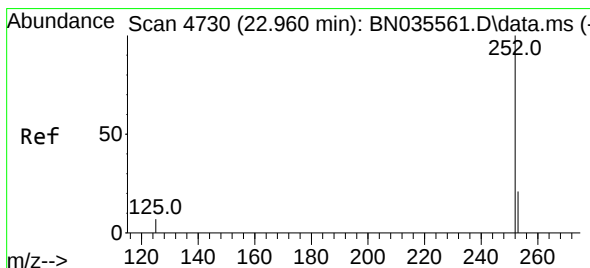
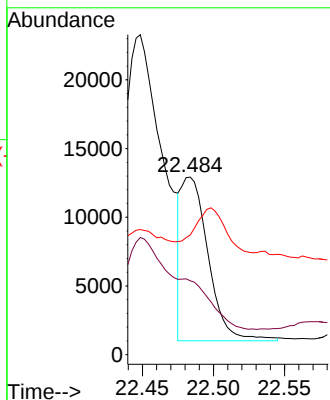
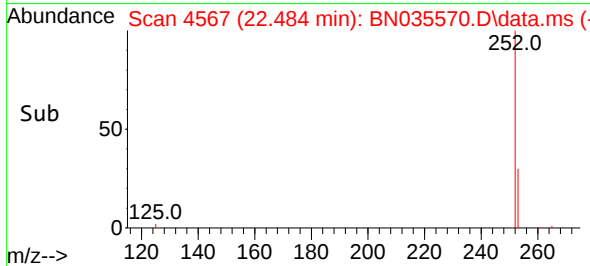
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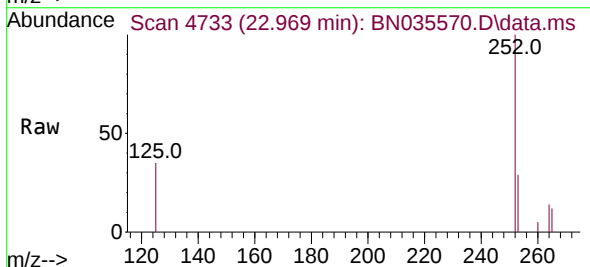
Tgt Ion:252 Resp: 15739
Ion Ratio Lower Upper
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253 41.6 21.8 32.6
125 67.4 8.6 12.8

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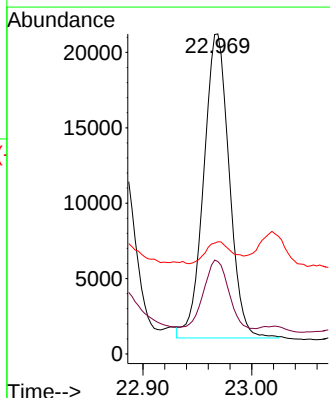
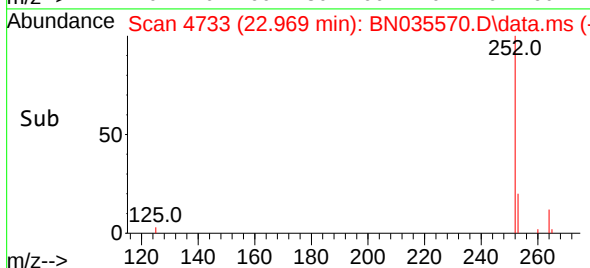
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

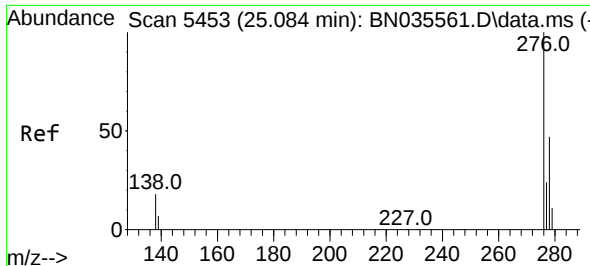


#26
Benzo(a)pyrene
Concen: 1.482 ng/ul m
RT: 22.969 min Scan# 4733
Delta R.T. 0.009 min
Lab File: BN035570.D
Acq: 11 Dec 2024 17:17



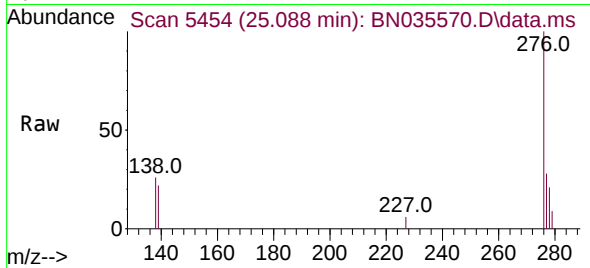
Tgt Ion:252 Resp: 32914
Ion Ratio Lower Upper
252 100
253 28.9 22.9 34.3
125 35.0 9.4 14.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.660 ng/ul m
RT: 25.088 min Scan# 5453
Delta R.T. 0.007 min
Lab File: BN035570.D
Acq: 11 Dec 2024 17:17

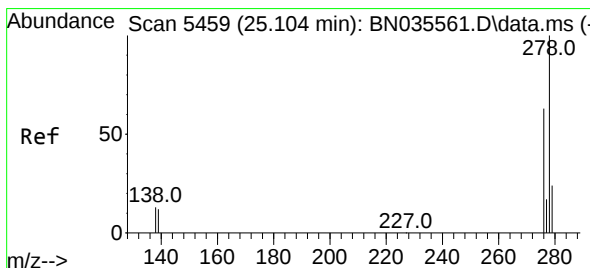
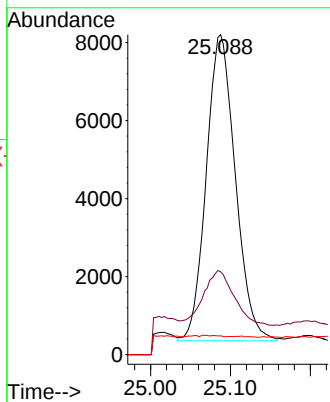
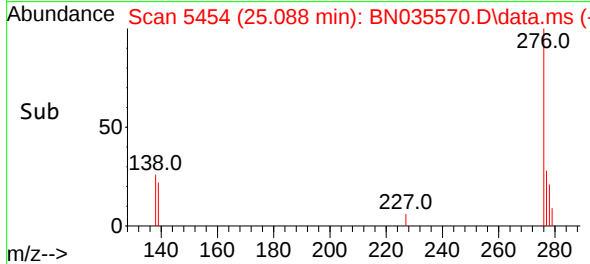
Instrument :
BNA_N
ClientSampleId :
E28P4



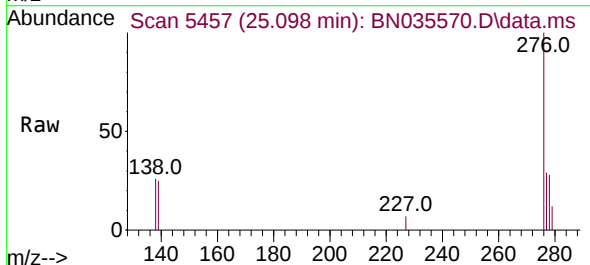
Tgt Ion:276 Resp: 19790
Ion Ratio Lower Upper
276 100
138 0.0 13.8 20.8#
227 0.0 0.2 0.4#

Manual Integrations
APPROVED

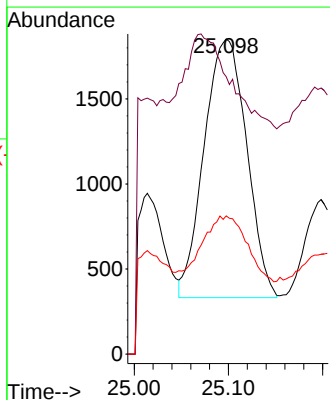
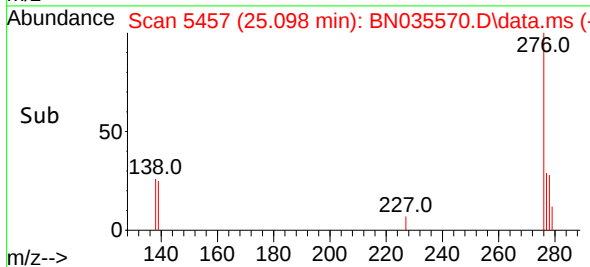
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

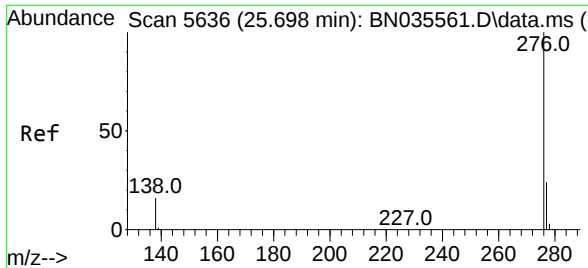


#28
Dibenzo(a,h)anthracene
Concen: 0.203 ng/ul m
RT: 25.098 min Scan# 5457
Delta R.T. -0.003 min
Lab File: BN035570.D
Acq: 11 Dec 2024 17:17



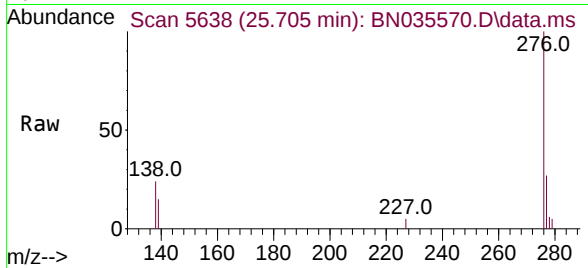
Tgt Ion:278 Resp: 4765
Ion Ratio Lower Upper
278 100
139 88.0 10.7 16.1#
279 43.8 22.8 34.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.855 ng/ul m
 RT: 25.705 min Scan# 50
 Delta R.T. 0.014 min
 Lab File: BN035570.D
 Acq: 11 Dec 2024 17:17

Instrument :
 BNA_N
 ClientSampleId :
 E28P4



Tgt Ion:	276	Resp:	2020
Ion Ratio	Lower	Upper	
276	100		
138	23.5	13.0	19.6
277	27.0	20.5	30.7

Manual Integrations
 APPROVED

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

