

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
 Data File : BN028550.D
 Acq On : 10 Nov 2023 10:45
 Operator : MA/JU
 Sample : 05044-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHEH4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/11/2023

Quant Time: Nov 10 23:26:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:30:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	10131	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.496	136	36573	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.372	164	22641	0.400	ng/ul	# 0.02
13) Phenanthrene-d10	17.124	188	38922	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.324	240	23985	0.400	ng/ul	# 0.00
23) Perylene-d12	23.630	264	22381	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	37483	3.348	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.102	152	48138	0.874	ng/ul	0.00
18) Fluoranthene-d10	19.160	212	24587	0.319	ng/ul	0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.557	128	28524	0.278	ng/ul#	1
8) 1-Methylnaphthalene	12.394	142	50541	0.737	ng/ul	100
12) Fluorene	15.418	166	51307	0.530	ng/ul#	71
20) Pyrene	19.555	202	26808	0.254	ng/ul#	58
21) Benzo(a)anthracene	21.309	228	2975	0.031	ng/ul#	1
22) Chrysene	21.359	228	7230m	0.078	ng/ul	
24) Benzo(b)fluoranthene	22.931	252	2826m	0.034	ng/ul	
26) Benzo(a)pyrene	23.525	252	3124	0.039	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.997	276	1809	0.021	ng/ul#	72
29) Benzo(g,h,i)perylene	26.718	276	3737	0.052	ng/ul#	31

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

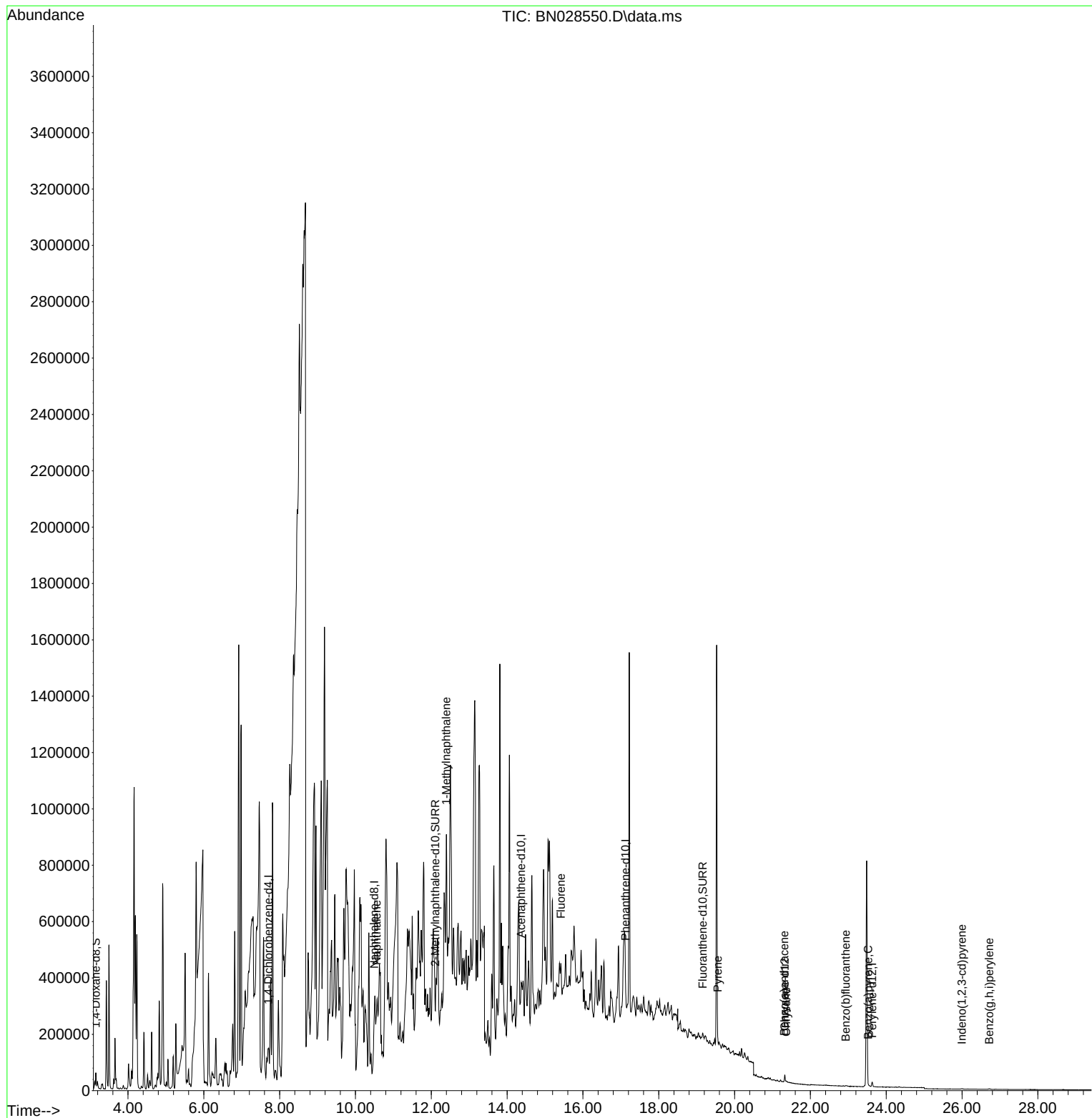
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
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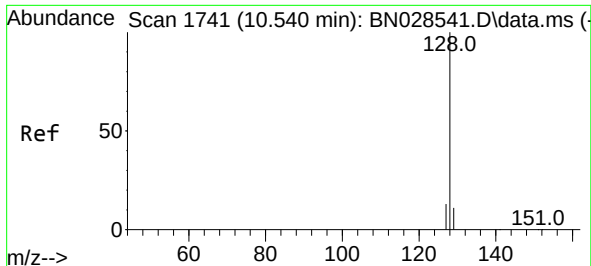
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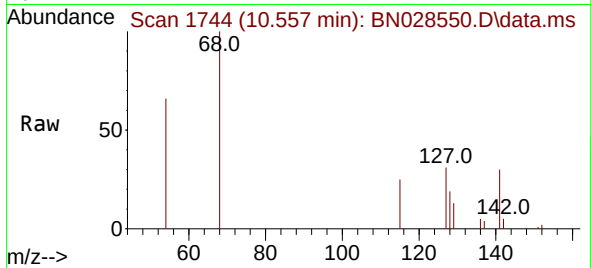
Quant Time: Nov 10 23:26:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 16:30:32 2023
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#5
Naphthalene
Concen: 0.278 ng/ul
RT: 10.557 min Scan# 1744
Delta R.T. 0.012 min
Lab File: BN028550.D
Acq: 10 Nov 2023 10:45

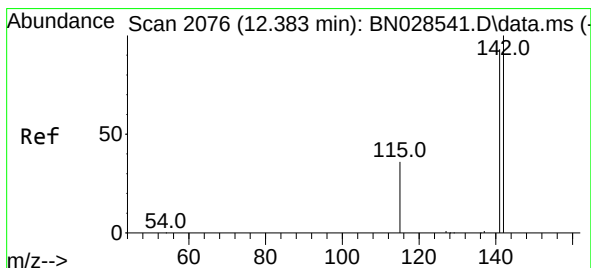
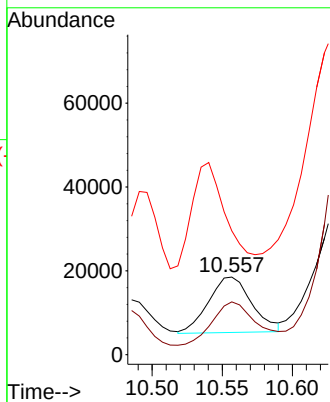
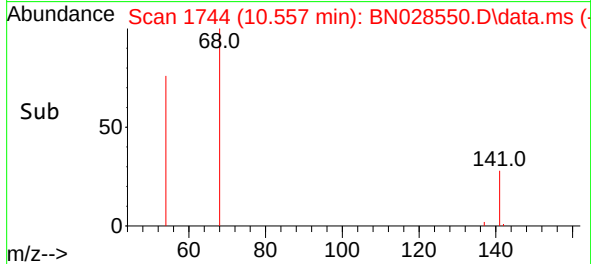
Instrument :
BNA_N
ClientSampleId :
BHEH4



Tgt Ion:128 Resp: 28524
Ion Ratio Lower Upper
128 100
129 68.0 9.2 13.8
127 159.5 10.7 16.1

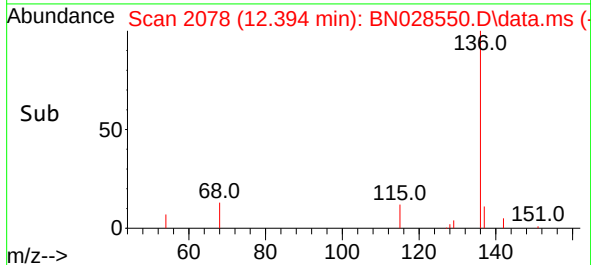
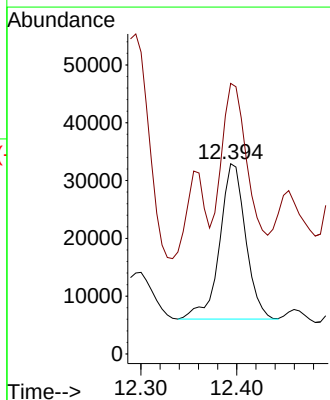
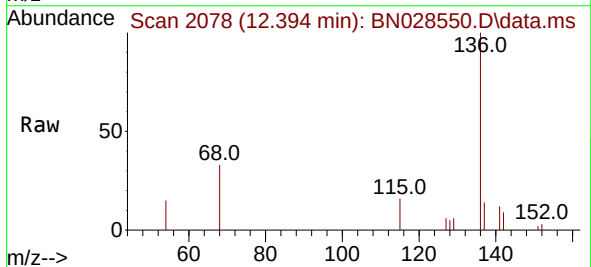
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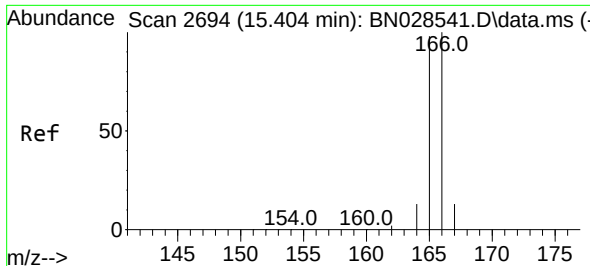
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/11/2023



#8
1-Methylnaphthalene
Concen: 0.737 ng/ul
RT: 12.394 min Scan# 2078
Delta R.T. 0.007 min
Lab File: BN028550.D
Acq: 10 Nov 2023 10:45

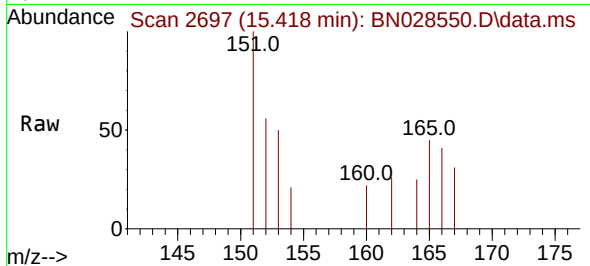
Tgt Ion:142 Resp: 50541
Ion Ratio Lower Upper
142 100
141 92.7 74.1 111.1





#12
Fluorene
Concen: 0.530 ng/u1
RT: 15.418 min Scan# 20
Delta R.T. 0.011 min
Lab File: BN028550.D
Acq: 10 Nov 2023 10:45

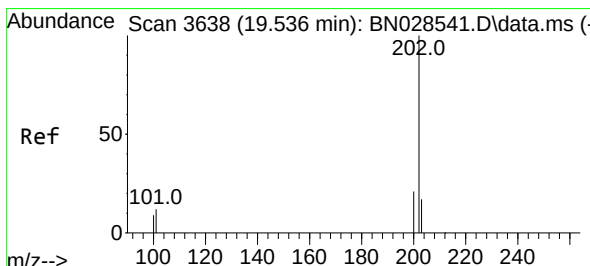
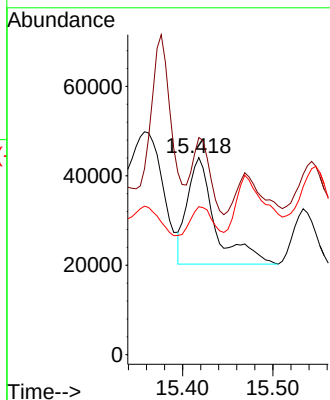
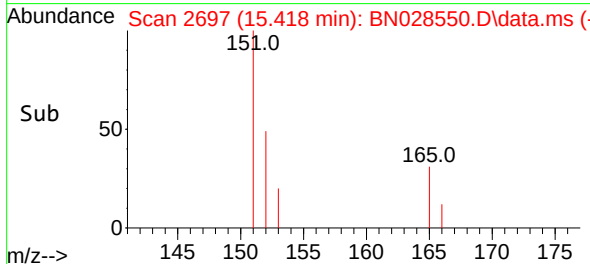
Instrument :
BNA_N
ClientSampleId :
BHEH4



Tgt Ion:166 Resp: 5130
Ion Ratio Lower Upper
166 100
165 110.2 78.6 118.0
167 75.1 11.0 16.6

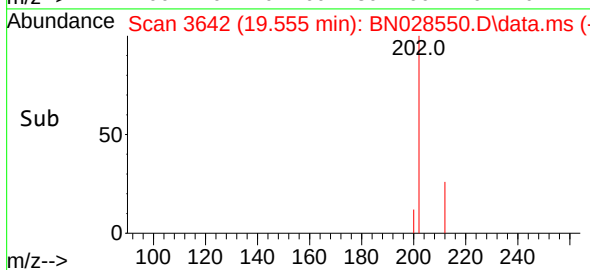
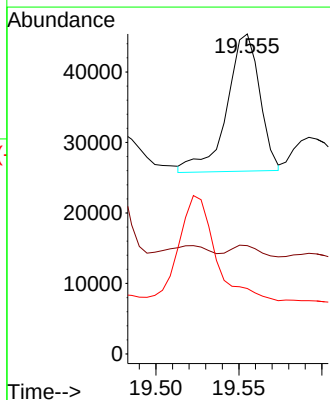
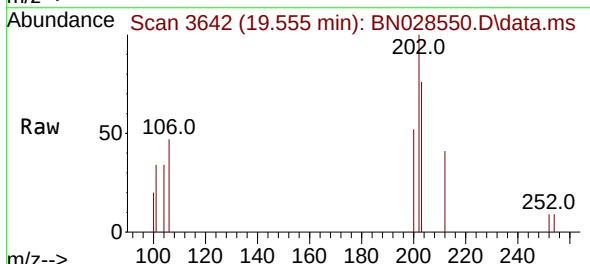
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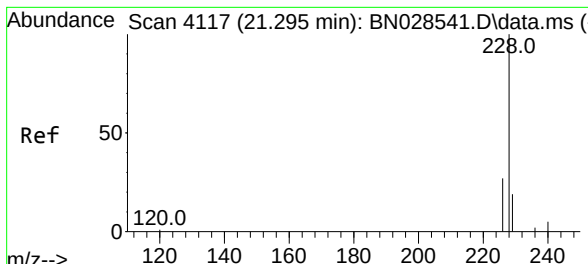
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#20
Pyrene
Concen: 0.254 ng/u1
RT: 19.555 min Scan# 3642
Delta R.T. 0.016 min
Lab File: BN028550.D
Acq: 10 Nov 2023 10:45

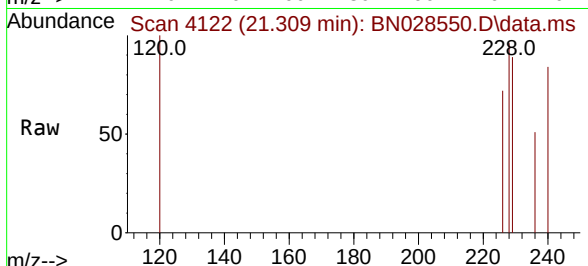
Tgt Ion:202 Resp: 26808
Ion Ratio Lower Upper
202 100
101 33.8 10.3 15.5#
100 20.5 8.2 12.2#





#21
Benzo(a)anthracene
Concen: 0.031 ng/ul
RT: 21.309 min Scan# 4117
Delta R.T. 0.006 min
Lab File: BN028550.D
Acq: 10 Nov 2023 10:45

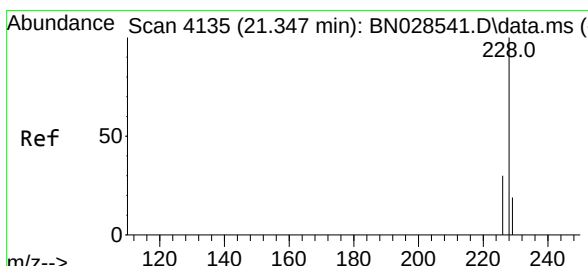
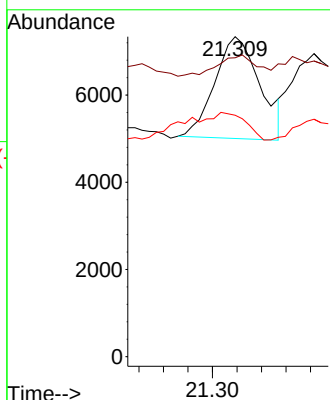
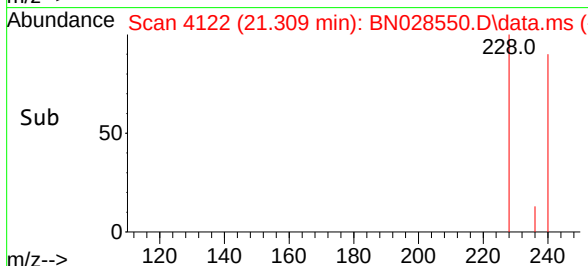
Instrument :
BNA_N
ClientSampleId :
BHEH4



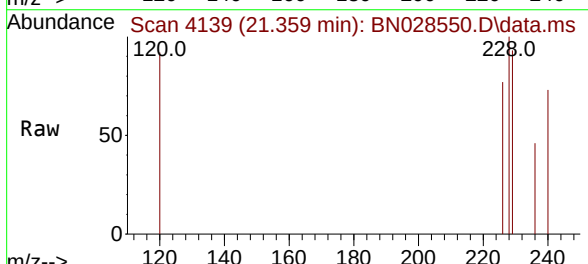
Tgt Ion:228 Resp: 2975
Ion Ratio Lower Upper
228 100
229 93.4 15.7 23.5#
226 75.5 21.4 32.0#

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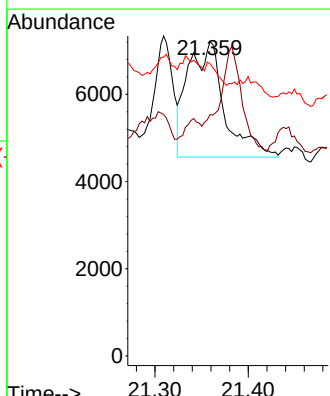
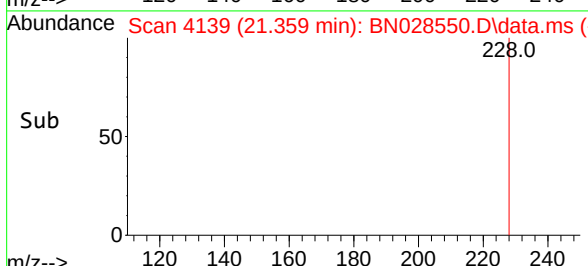
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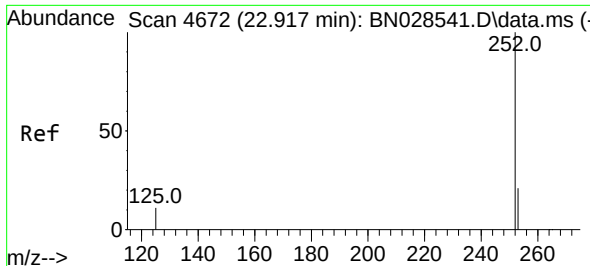


#22
Chrysene
Concen: 0.078 ng/ul m
RT: 21.359 min Scan# 4139
Delta R.T. 0.003 min
Lab File: BN028550.D
Acq: 10 Nov 2023 10:45



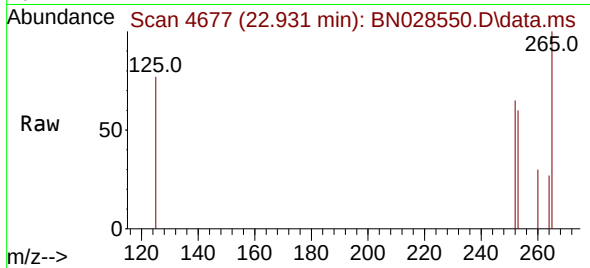
Tgt Ion:228 Resp: 7230
Ion Ratio Lower Upper
228 100
226 76.8 23.8 35.8#
229 93.0 15.4 23.2#





#24
Benzo(b)fluoranthene
Concen: 0.034 ng/ul m
RT: 22.931 min Scan# 4672
Delta R.T. 0.003 min
Lab File: BN028550.D
Acq: 10 Nov 2023 10:45

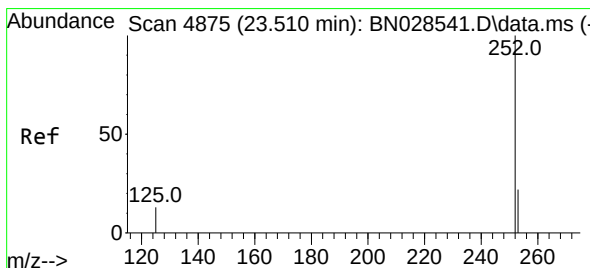
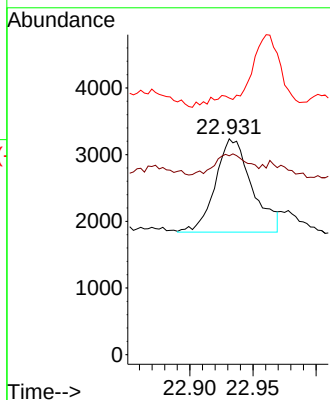
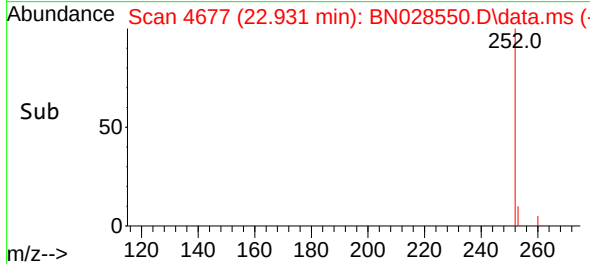
Instrument :
BNA_N
ClientSampleId :
BHEH4



Tgt Ion:252 Resp: 2820
Ion Ratio Lower Upper
252 100
253 92.2 0.0 46.6#
125 118.9 0.0 27.6#

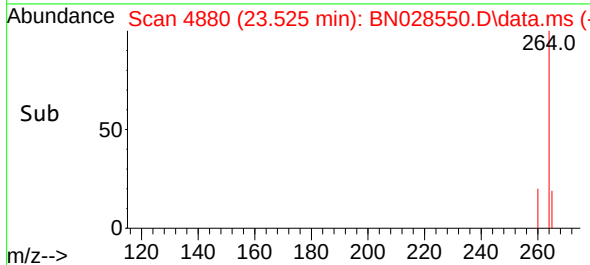
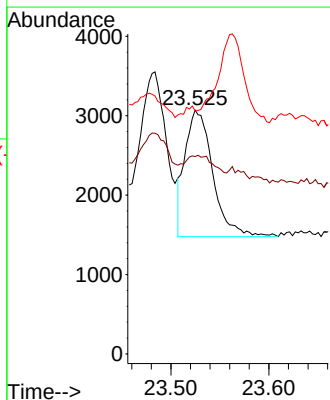
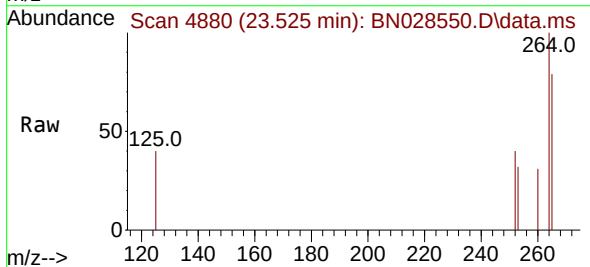
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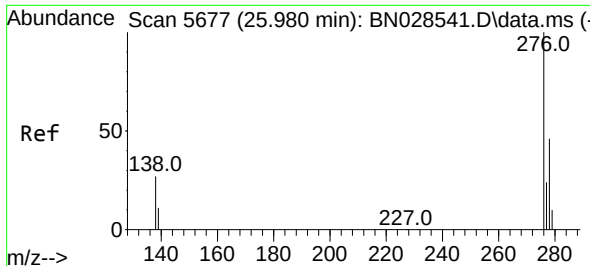
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/11/2023



#26
Benzo(a)pyrene
Concen: 0.039 ng/ul
RT: 23.525 min Scan# 4880
Delta R.T. 0.000 min
Lab File: BN028550.D
Acq: 10 Nov 2023 10:45

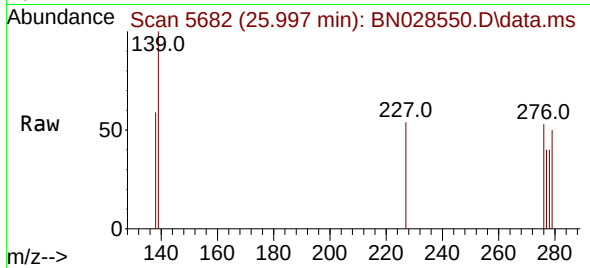
Tgt Ion:252 Resp: 3124
Ion Ratio Lower Upper
252 100
253 81.0 19.0 28.6#
125 99.7 13.2 19.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng/ul
RT: 25.997 min Scan# 5682
Delta R.T. 0.003 min
Lab File: BN028550.D
Acq: 10 Nov 2023 10:45

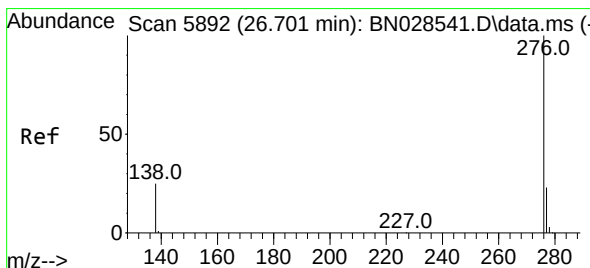
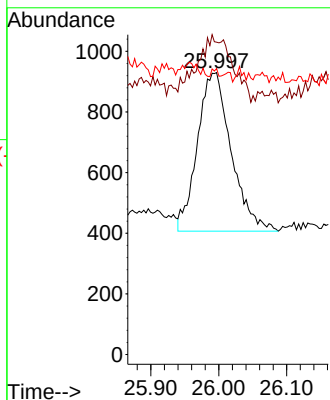
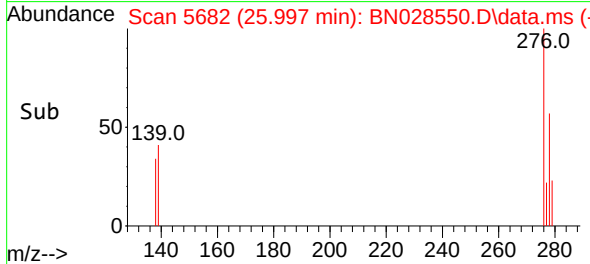
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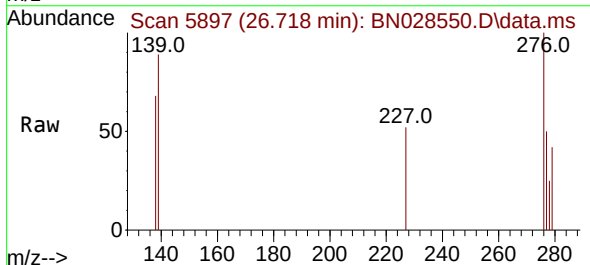
Tgt Ion:276 Resp: 1809
Ion Ratio Lower Upper
276 100
138 44.9 23.8 35.6#
227 0.8 0.1 0.1#

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#29
Benzo(g,h,i)perylene
Concen: 0.052 ng/ul
RT: 26.718 min Scan# 5897
Delta R.T. 0.000 min
Lab File: BN028550.D
Acq: 10 Nov 2023 10:45



Tgt Ion:276 Resp: 3737
Ion Ratio Lower Upper
276 100
138 68.1 20.5 30.7#
277 50.3 19.4 29.0#

