

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
 Data File : BN026552.D
 Acq On : 18 Jul 2023 00:35
 Operator : MA/JU
 Sample : 03458-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46M4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 04:23:42 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 17 17:14:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	3678	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.746	136	11436	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.579	164	7354	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.325	188	16168	0.400	ng/ul	0.00
17) Chrysene-d12	21.510	240	11815	0.400	ng/ul	# 0.00
23) Perylene-d12	23.922	264	9022	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	5924	1.223	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	640	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.353	212	1733	0.042	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.801	128	3555	0.113	ng/ul#	94
15) Phenanthrene	17.367	178	2817	0.055	ng/ul#	90
19) Fluoranthene	19.385	202	3924	0.071	ng/ul#	93
20) Pyrene	19.743	202	3315m	0.055	ng/ul	
21) Benzo(a)anthracene	21.496	228	1257	0.029	ng/ul#	74
22) Chrysene	21.548	228	1283	0.026	ng/ul#	81
24) Benzo(b)fluoranthene	23.191	252	1591m	0.045	ng/ul	

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

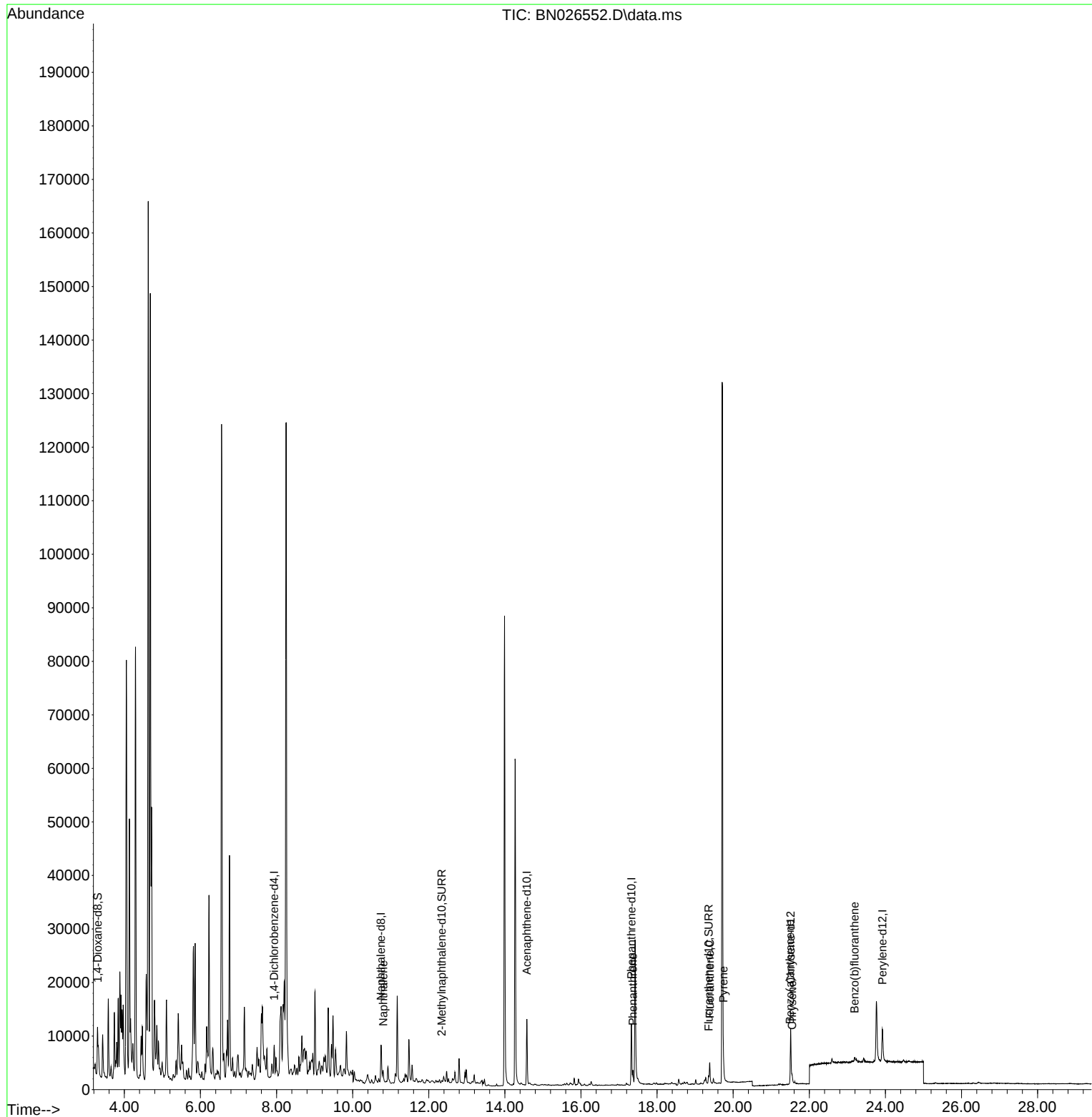
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
Data File : BN026552.D
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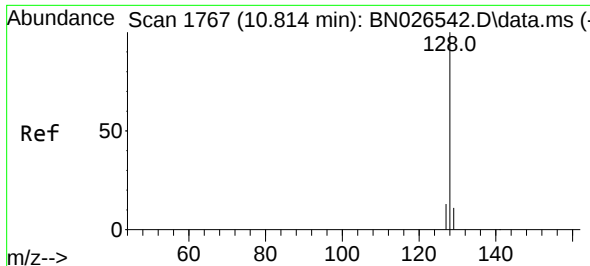
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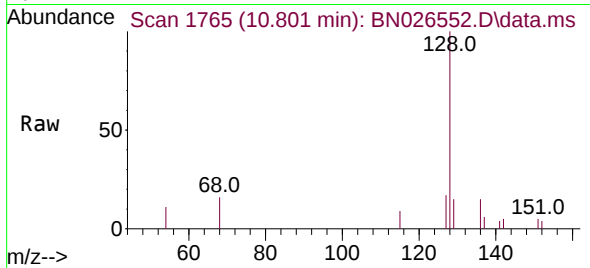
Quant Time: Jul 18 04:23:42 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 17 17:14:21 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.113 ng/u1
RT: 10.801 min Scan# 1765
Delta R.T. 0.004 min
Lab File: BN026552.D
Acq: 18 Jul 2023 00:35

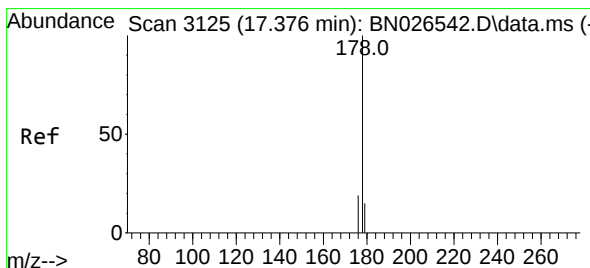
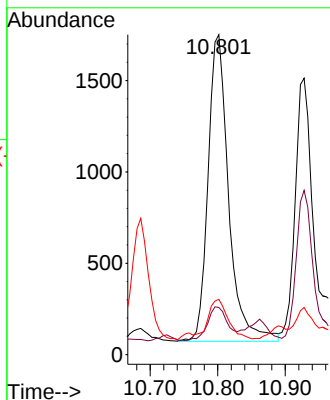
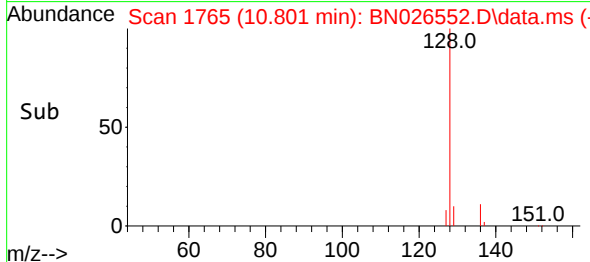
Instrument :
BNA_N
ClientSampleId :
A46M4



Tgt Ion:128 Resp: 355
Ion Ratio Lower Upper
128 100
129 14.7 10.2 15.2
127 17.3 11.4 17.0

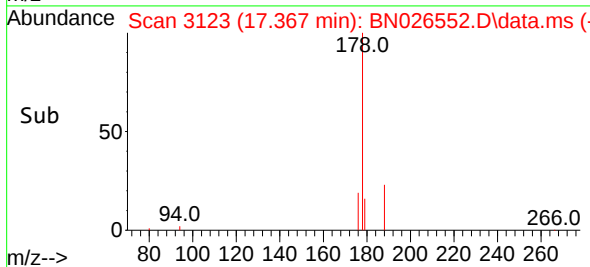
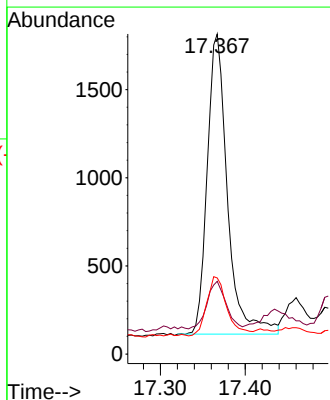
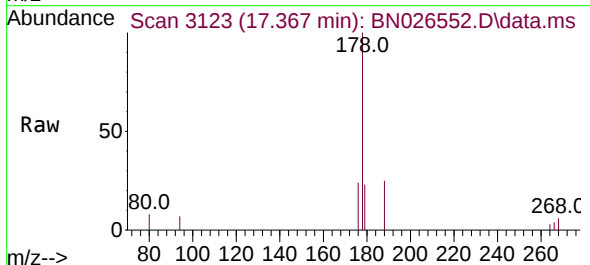
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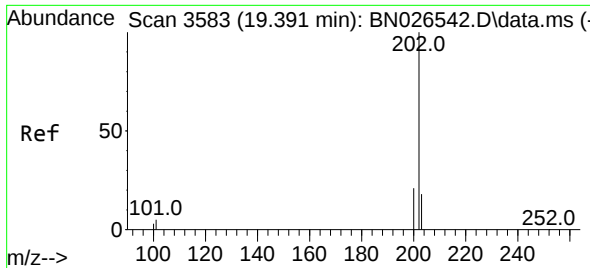
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#15
Phenanthrene
Concen: 0.055 ng/u1
RT: 17.367 min Scan# 3123
Delta R.T. -0.005 min
Lab File: BN026552.D
Acq: 18 Jul 2023 00:35

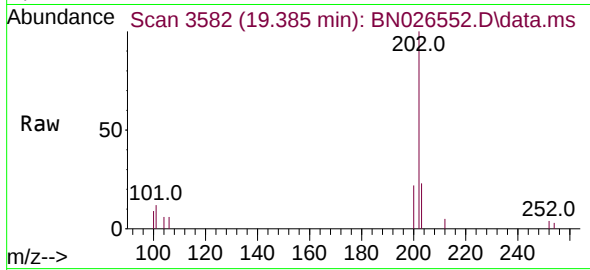
Tgt Ion:178 Resp: 2817
Ion Ratio Lower Upper
178 100
179 22.7 13.7 20.5#
176 23.8 16.5 24.7





#19
Fluoranthene
Concen: 0.071 ng/ul
RT: 19.385 min Scan# 3583
Delta R.T. -0.001 min
Lab File: BN026552.D
Acq: 18 Jul 2023 00:35

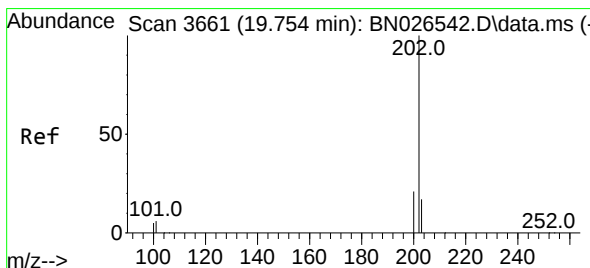
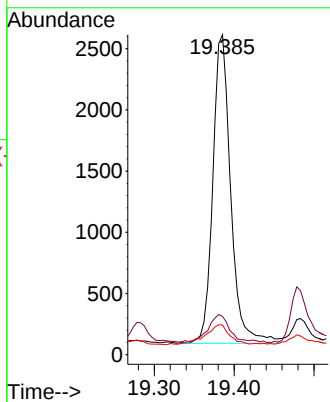
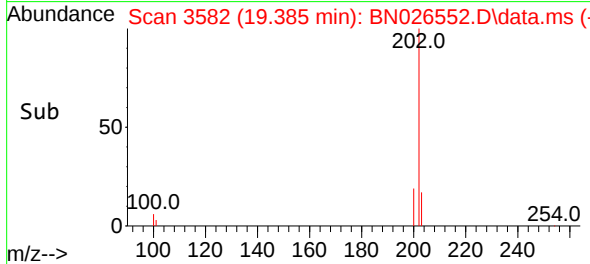
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Tgt Ion:202 Resp: 3924
Ion Ratio Lower Upper
202 100
101 12.0 7.0 10.4#
100 9.3 6.0 9.0#

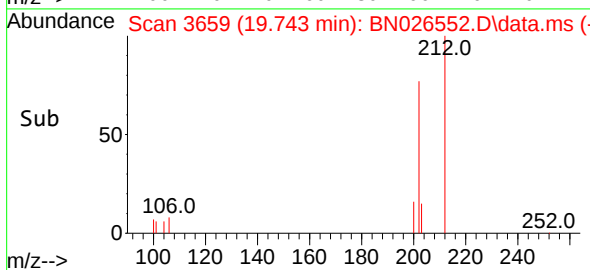
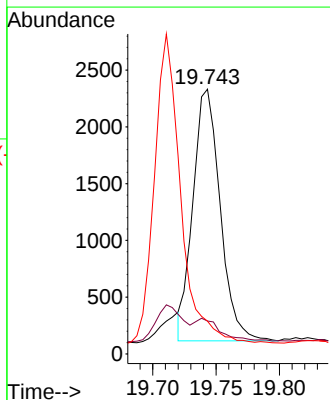
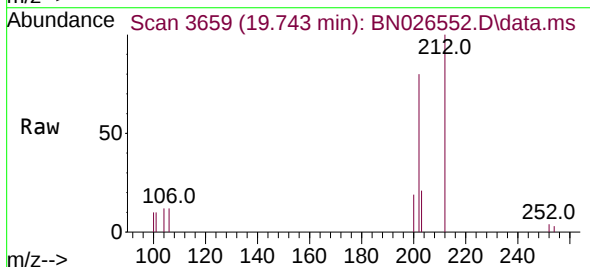
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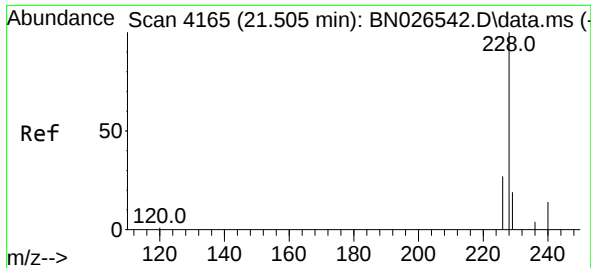
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#20
Pyrene
Concen: 0.055 ng/ul m
RT: 19.743 min Scan# 3659
Delta R.T. -0.006 min
Lab File: BN026552.D
Acq: 18 Jul 2023 00:35

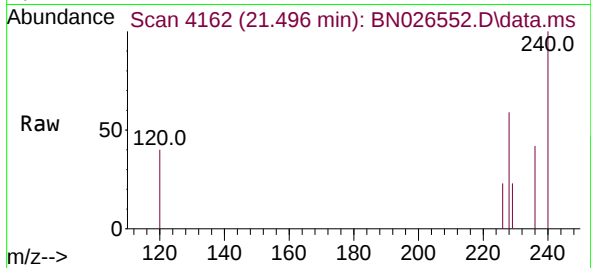
Tgt Ion:202 Resp: 3315
Ion Ratio Lower Upper
202 100
101 12.4 8.0 12.0#
100 12.3 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 0.029 ng/u1
RT: 21.496 min Scan# 4165
Delta R.T. -0.007 min
Lab File: BN026552.D
Acq: 18 Jul 2023 00:35

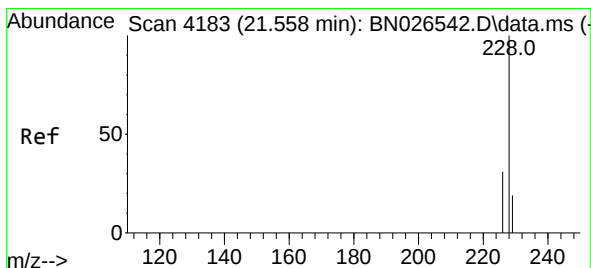
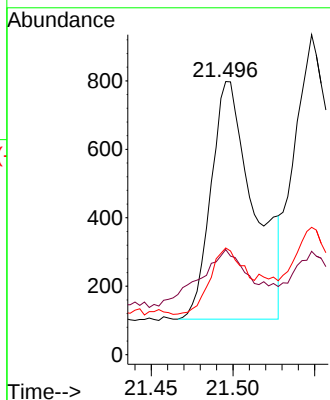
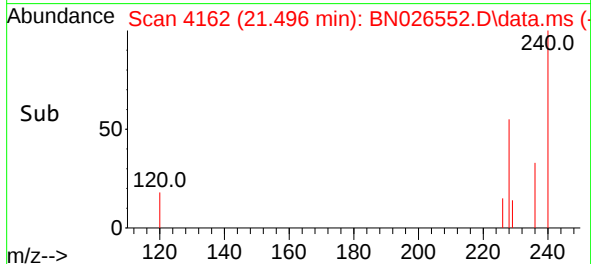
Instrument :
BNA_N
ClientSampleId :
A46M4



Tgt Ion:228 Resp: 125
Ion Ratio Lower Upper
228 100
229 38.5 16.7 25.1#
226 39.1 23.5 35.3#

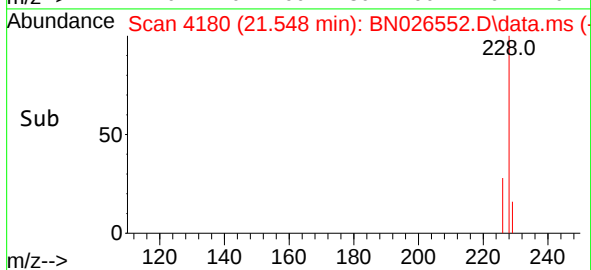
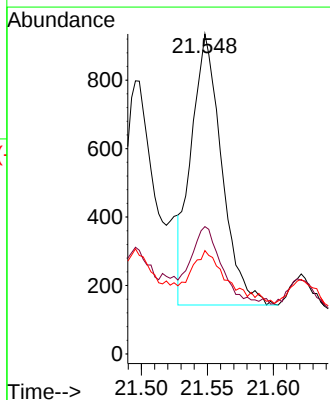
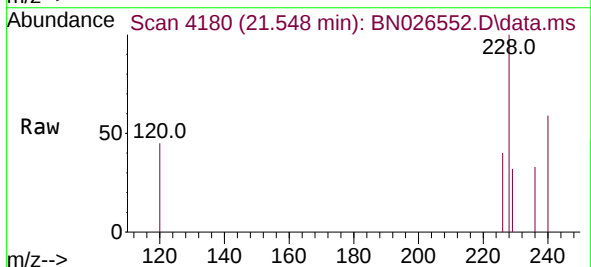
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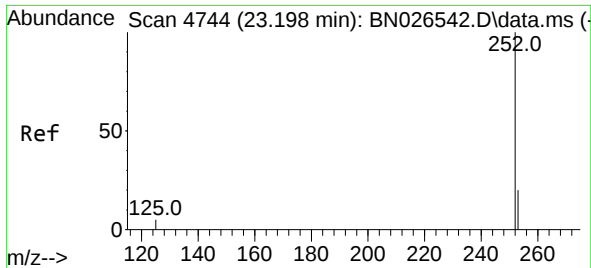
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#22
Chrysene
Concen: 0.026 ng/u1
RT: 21.548 min Scan# 4180
Delta R.T. -0.010 min
Lab File: BN026552.D
Acq: 18 Jul 2023 00:35

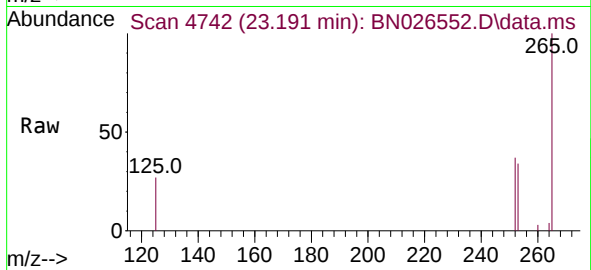
Tgt Ion:228 Resp: 1283
Ion Ratio Lower Upper
228 100
226 39.8 25.2 37.8#
229 32.3 16.4 24.6#





#24
Benzo(b)fluoranthene
Concen: 0.045 ng/ul m
RT: 23.191 min Scan# 4742
Delta R.T. -0.004 min
Lab File: BN026552.D
Acq: 18 Jul 2023 00:35

Instrument :
BNA_N
ClientSampleId :
A46M4



Tgt Ion:252 Resp: 159
Ion Ratio Lower Upper
252 100
253 92.4 0.0 68.6
125 71.5 0.0 34.0

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