

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035535.D
 Acq On : 10 Dec 2024 17:18
 Operator : RC/JU
 Sample : P5066-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28N7

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 22:04:35 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	7.293	152	3234	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	9066	0.400	ng/ul #	0.00
9) Acenaphthene-d10	13.949	164	6117	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	12384m	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	8043	0.400	ng/ul #	0.00
23) Perylene-d12	23.048	264	7522m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	16342	5.529	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	4434	0.334	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	9133	0.412	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.086	128	804m	0.035	ng/ul	
7) 2-Methylnaphthalene	11.714	142	1766	0.111	ng/ul	92
8) 1-Methylnaphthalene	11.939	142	1569	0.098	ng/ul	95
12) Fluorene	15.017	166	504	0.023	ng/ul#	76
15) Phenanthrene	16.755	178	3910	0.119	ng/ul#	88
19) Fluoranthene	18.800	202	831	0.030	ng/ul#	50
20) Pyrene	19.167	202	1668	0.057	ng/ul#	70
22) Chrysene	20.996	228	2519m	0.090	ng/ul	
24) Benzo(b)fluoranthene	22.437	252	881m	0.035	ng/ul	
29) Benzo(g,h,i)perylene	25.691	276	1747m	0.072	ng/ul	

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

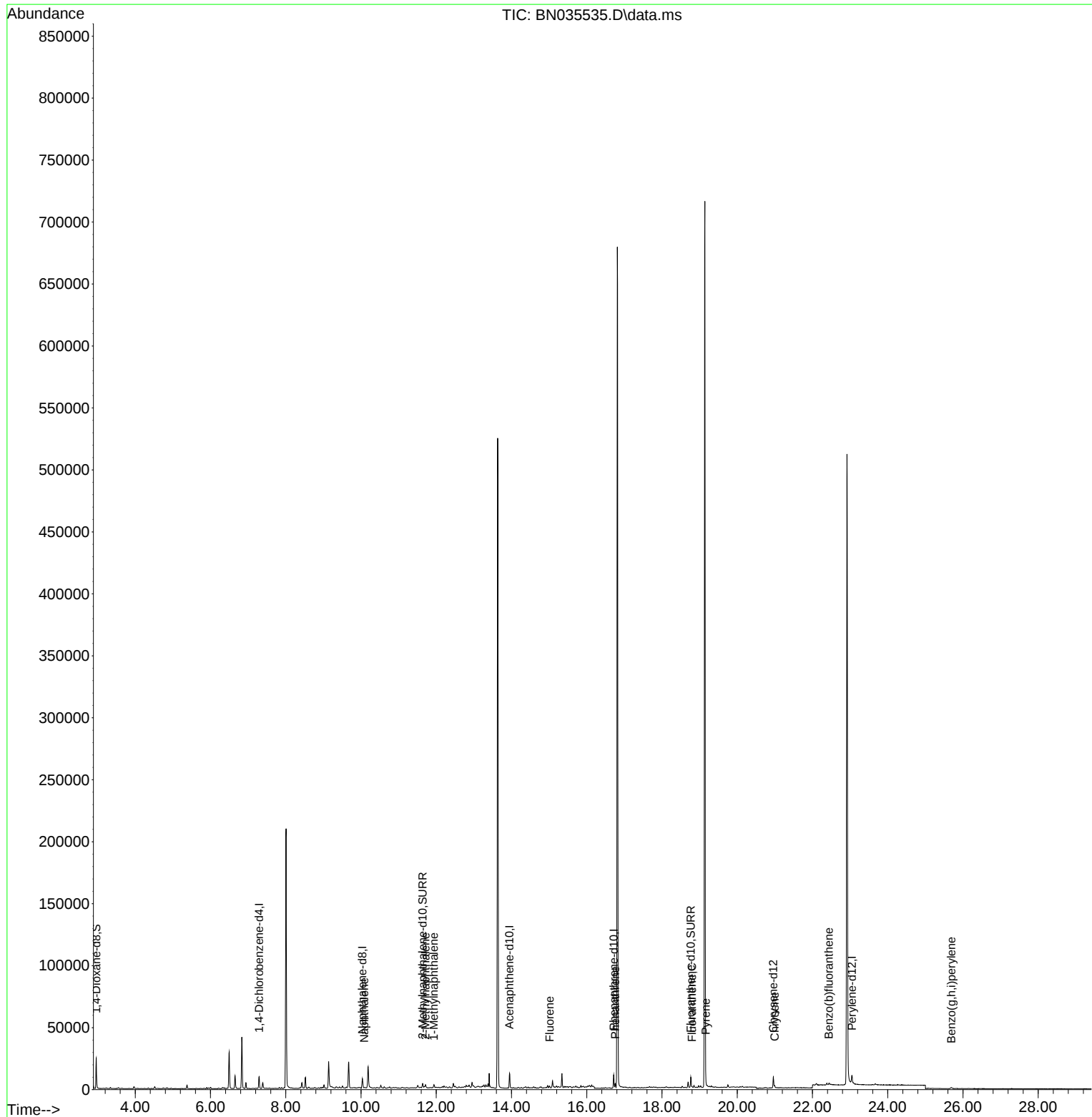
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035535.D
Acq On : 10 Dec 2024 17:18
Operator : RC/JU
Sample : P5066-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

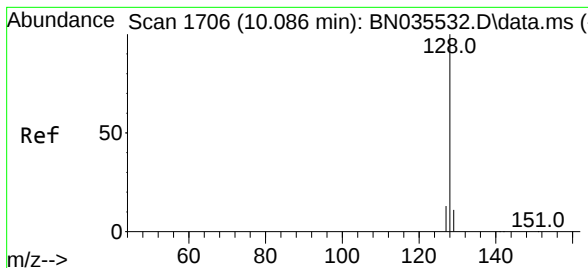
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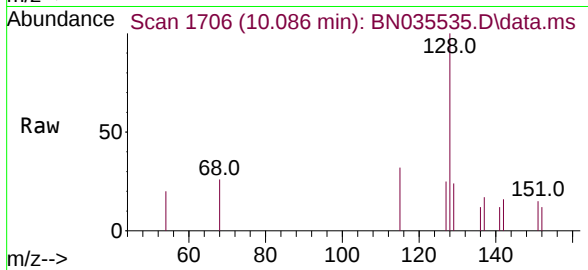
Quant Time: Dec 10 22:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.035 ng/ul m
RT: 10.086 min Scan# 1706
Delta R.T. -0.000 min
Lab File: BN035535.D
Acq: 10 Dec 2024 17:18

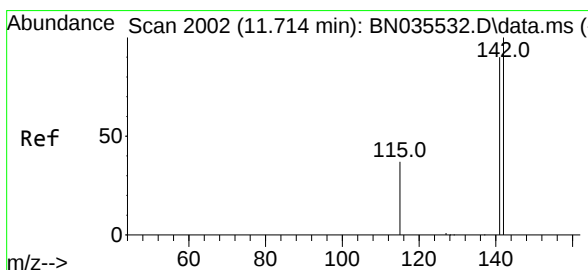
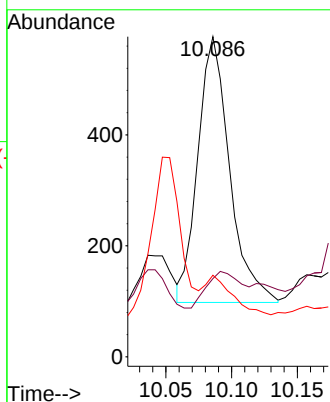
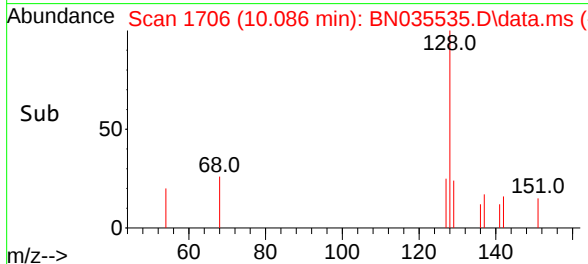
Instrument :
BNA_N
ClientSampleId :
E28N7



Tgt Ion:128 Resp: 804
Ion Ratio Lower Upper
128 100
129 24.4 9.9 14.9
127 25.5 11.4 17.2

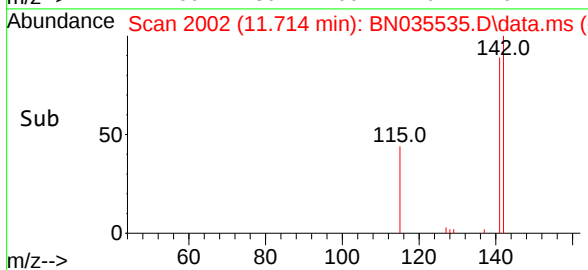
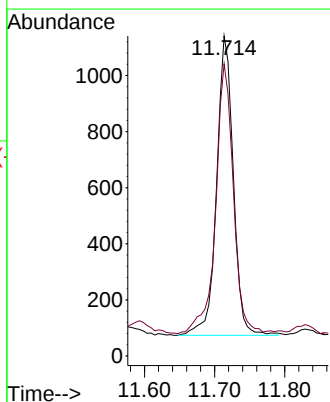
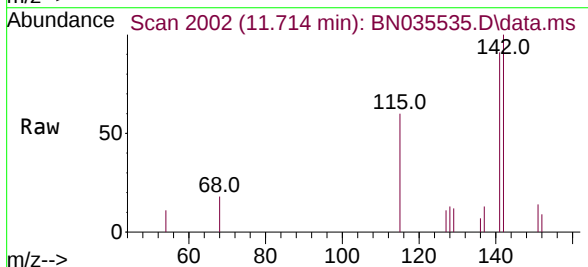
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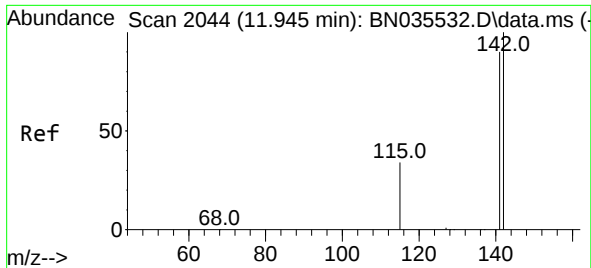
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#7
2-Methylnaphthalene
Concen: 0.111 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN035535.D
Acq: 10 Dec 2024 17:18

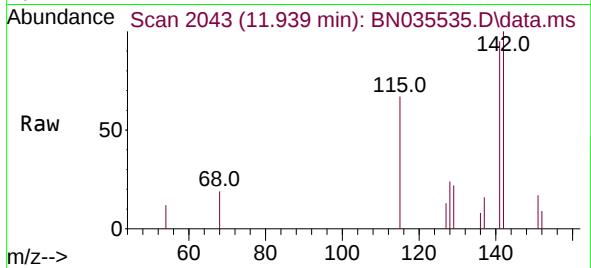
Tgt Ion:142 Resp: 1766
Ion Ratio Lower Upper
142 100
141 95.5 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BN035535.D
Acq: 10 Dec 2024 17:18

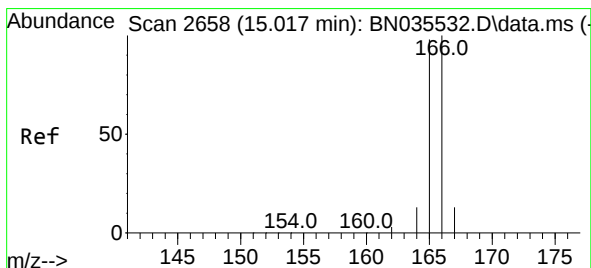
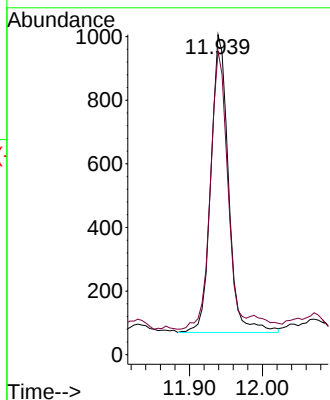
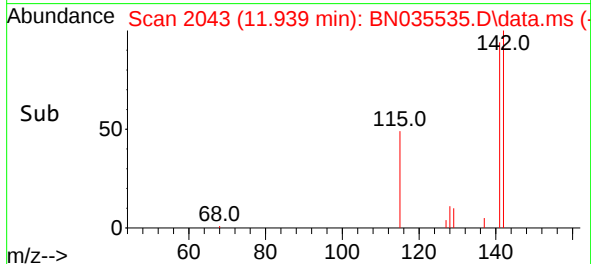
Instrument :
BNA_N
ClientSampleId :
E28N7



Tgt Ion:142 Resp: 1569
Ion Ratio Lower Upper
142 100
141 96.6 73.1 109.7

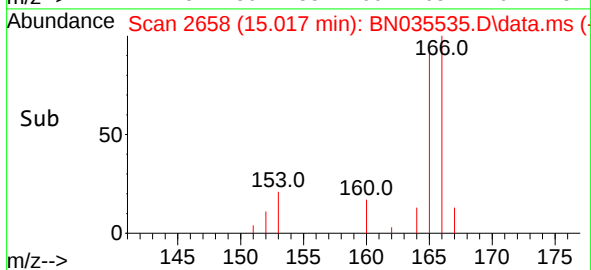
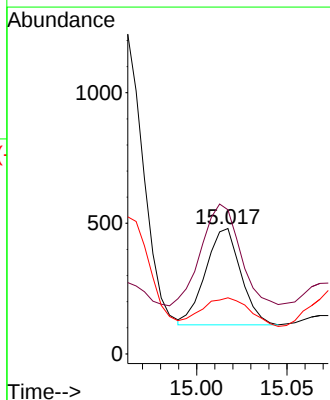
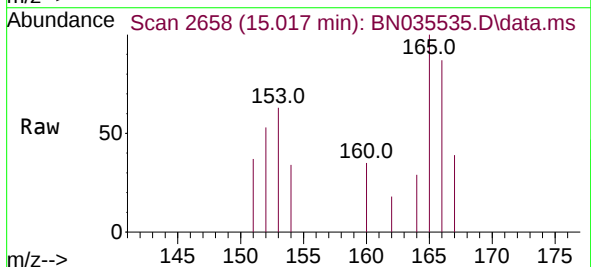
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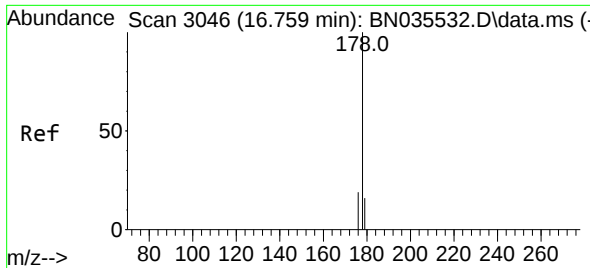
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#12
Fluorene
Concen: 0.023 ng/ul
RT: 15.017 min Scan# 2658
Delta R.T. -0.000 min
Lab File: BN035535.D
Acq: 10 Dec 2024 17:18

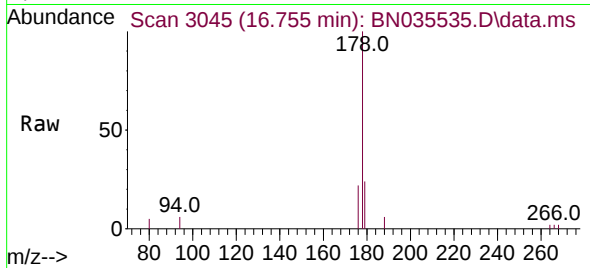
Tgt Ion:166 Resp: 504
Ion Ratio Lower Upper
166 100
165 115.0 78.6 118.0
167 44.8 11.8 17.6#





#15
Phenanthrene
Concen: 0.119 ng/u1
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035535.D
Acq: 10 Dec 2024 17:18

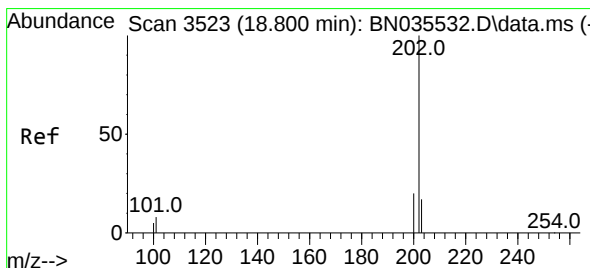
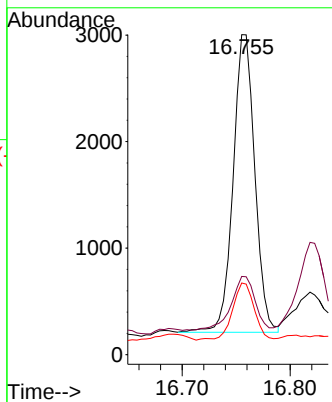
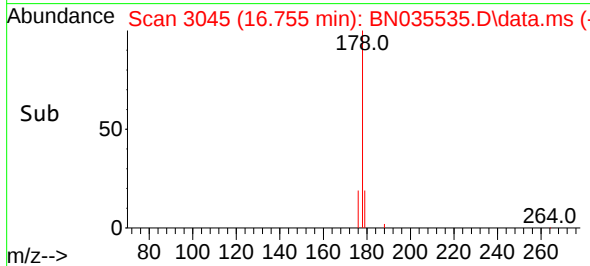
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:178 Resp: 3910
Ion Ratio Lower Upper
178 100
179 24.5 12.9 19.3#
176 22.4 15.6 23.4#

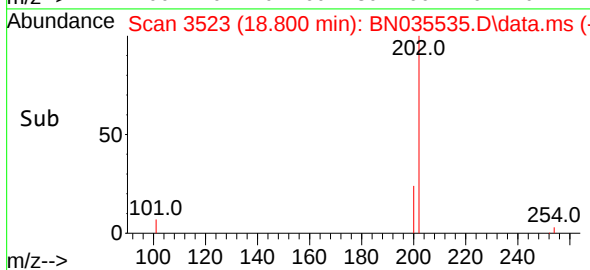
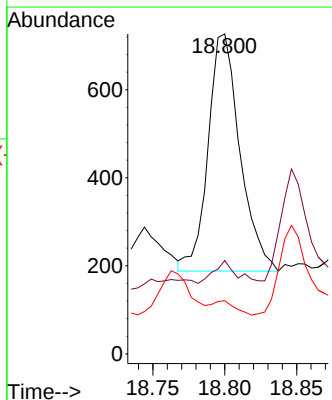
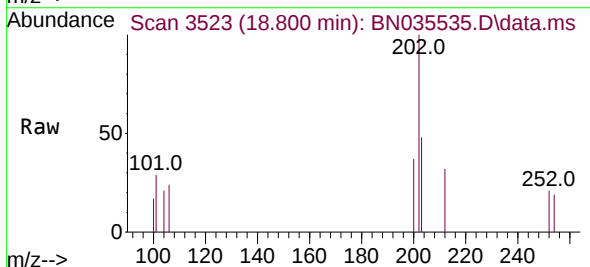
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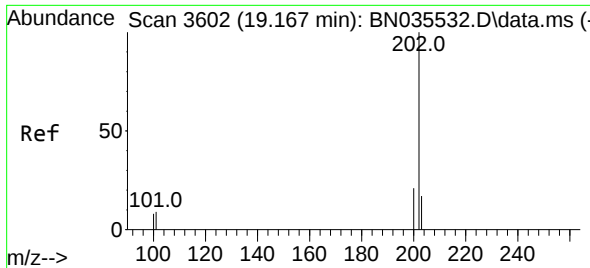
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#19
Fluoranthene
Concen: 0.030 ng/u1
RT: 18.800 min Scan# 3523
Delta R.T. -0.000 min
Lab File: BN035535.D
Acq: 10 Dec 2024 17:18

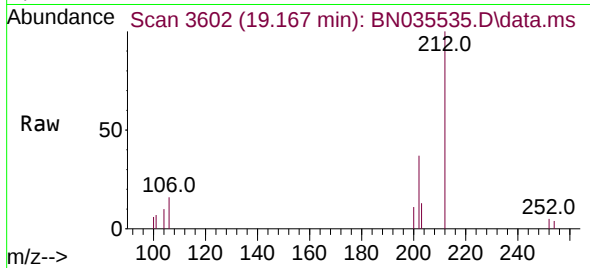
Tgt Ion:202 Resp: 831
Ion Ratio Lower Upper
202 100
101 29.2 5.8 8.6#
100 16.6 4.5 6.7#





#20
Pyrene
Concen: 0.057 ng/ul
RT: 19.167 min Scan# 3602
Delta R.T. -0.000 min
Lab File: BN035535.D
Acq: 10 Dec 2024 17:18

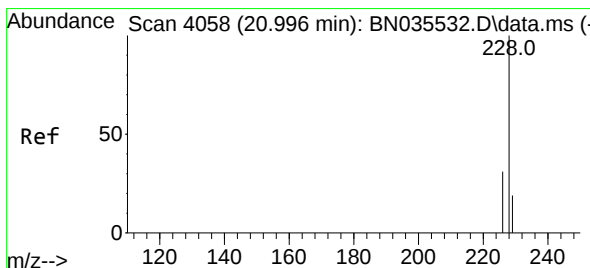
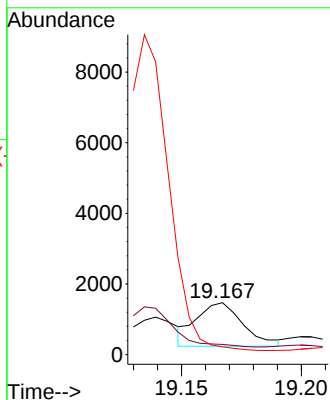
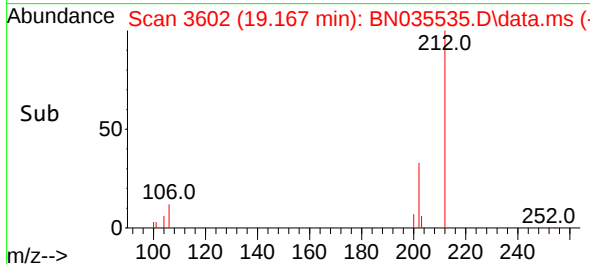
Instrument :
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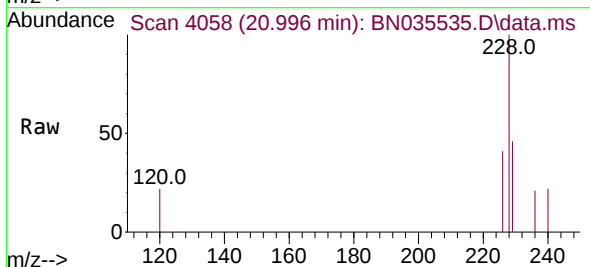
Tgt Ion:202 Resp: 1668
Ion Ratio Lower Upper
202 100
101 19.9 6.2 9.4#
100 15.0 5.1 7.7#

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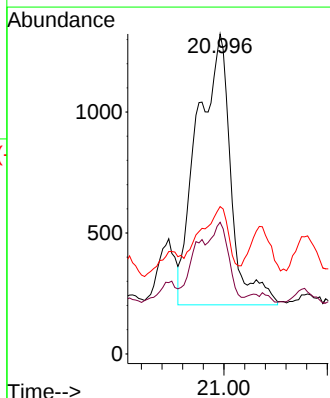
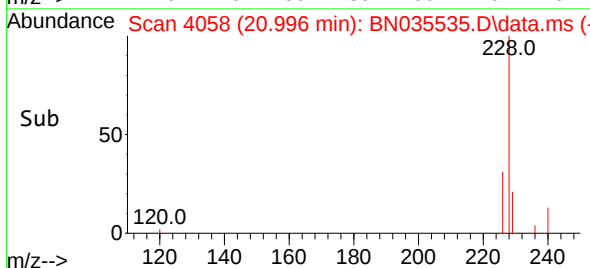
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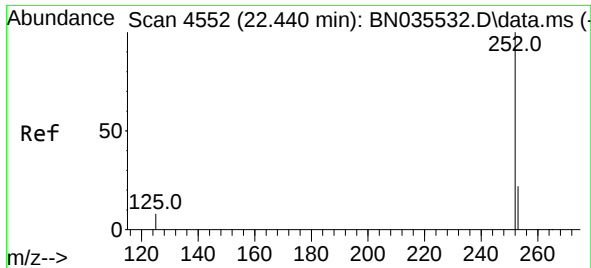


#22
Chrysene
Concen: 0.090 ng/ul m
RT: 20.996 min Scan# 4058
Delta R.T. -0.000 min
Lab File: BN035535.D
Acq: 10 Dec 2024 17:18



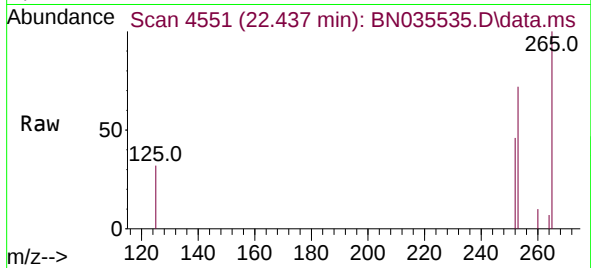
Tgt Ion:228 Resp: 2519
Ion Ratio Lower Upper
228 100
226 41.1 24.7 37.1#
229 46.0 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.035 ng/ul m
RT: 22.437 min Scan# 4551
Delta R.T. -0.003 min
Lab File: BN035535.D
Acq: 10 Dec 2024 17:18

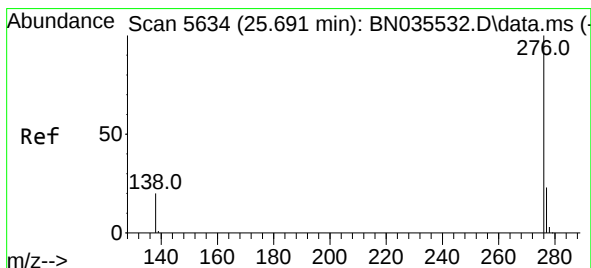
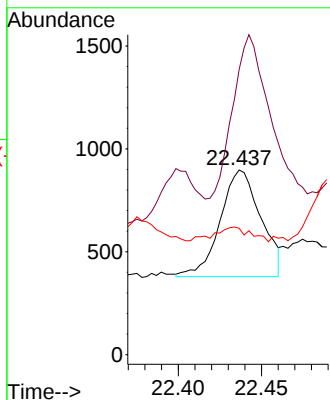
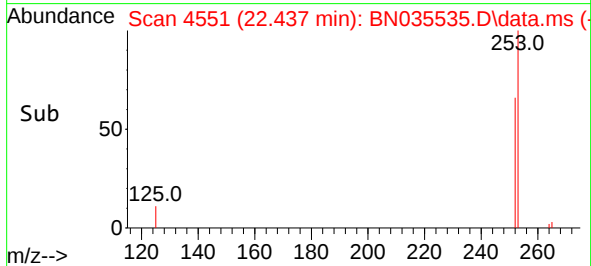
Instrument :
BNA_N
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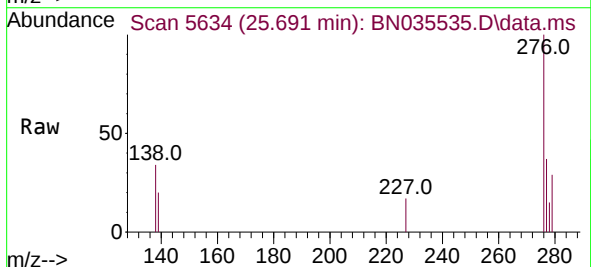
Tgt Ion:252 Resp: 88
Ion Ratio Lower Upper
252 100
253 154.5 0.0 54.0#
125 68.5 0.0 19.4#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.072 ng/ul m
RT: 25.691 min Scan# 5634
Delta R.T. -0.000 min
Lab File: BN035535.D
Acq: 10 Dec 2024 17:18



Tgt Ion:276 Resp: 1747
Ion Ratio Lower Upper
276 100
138 34.5 13.0 19.6#
277 37.0 20.5 30.7#

