

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035536.D
 Acq On : 10 Dec 2024 17:54
 Operator : RC/JU
 Sample : P5066-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28N4

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 22:04:46 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	7.292	152	2923	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	7929	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	4810	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	9844	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	7827	0.400	ng/ul	# 0.00
23) Perylene-d12	23.047	264	7462m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	10179	3.810	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.636	152	1935	0.167	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	3662	0.170	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.086	128	515m	0.026	ng/ul	
7) 2-Methylnaphthalene	11.719	142	408	0.029	ng/ul	99
8) 1-Methylnaphthalene	11.939	142	355	0.025	ng/ul	97
15) Phenanthrene	16.755	178	1562	0.060	ng/ul#	84
19) Fluoranthene	18.800	202	1581	0.058	ng/ul#	81
20) Pyrene	19.167	202	1455	0.051	ng/ul#	76
21) Benzo(a)anthracene	20.946	228	549	0.020	ng/ul#	53
22) Chrysene	20.996	228	874	0.032	ng/ul#	65
24) Benzo(b)fluoranthene	22.436	252	1107m	0.045	ng/ul	
25) Benzo(k)fluoranthene	22.474	252	558m	0.022	ng/ul	
26) Benzo(a)pyrene	22.957	252	615	0.027	ng/ul#	1
29) Benzo(g,h,i)perylene	25.698	276	527	0.022	ng/ul#	25

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

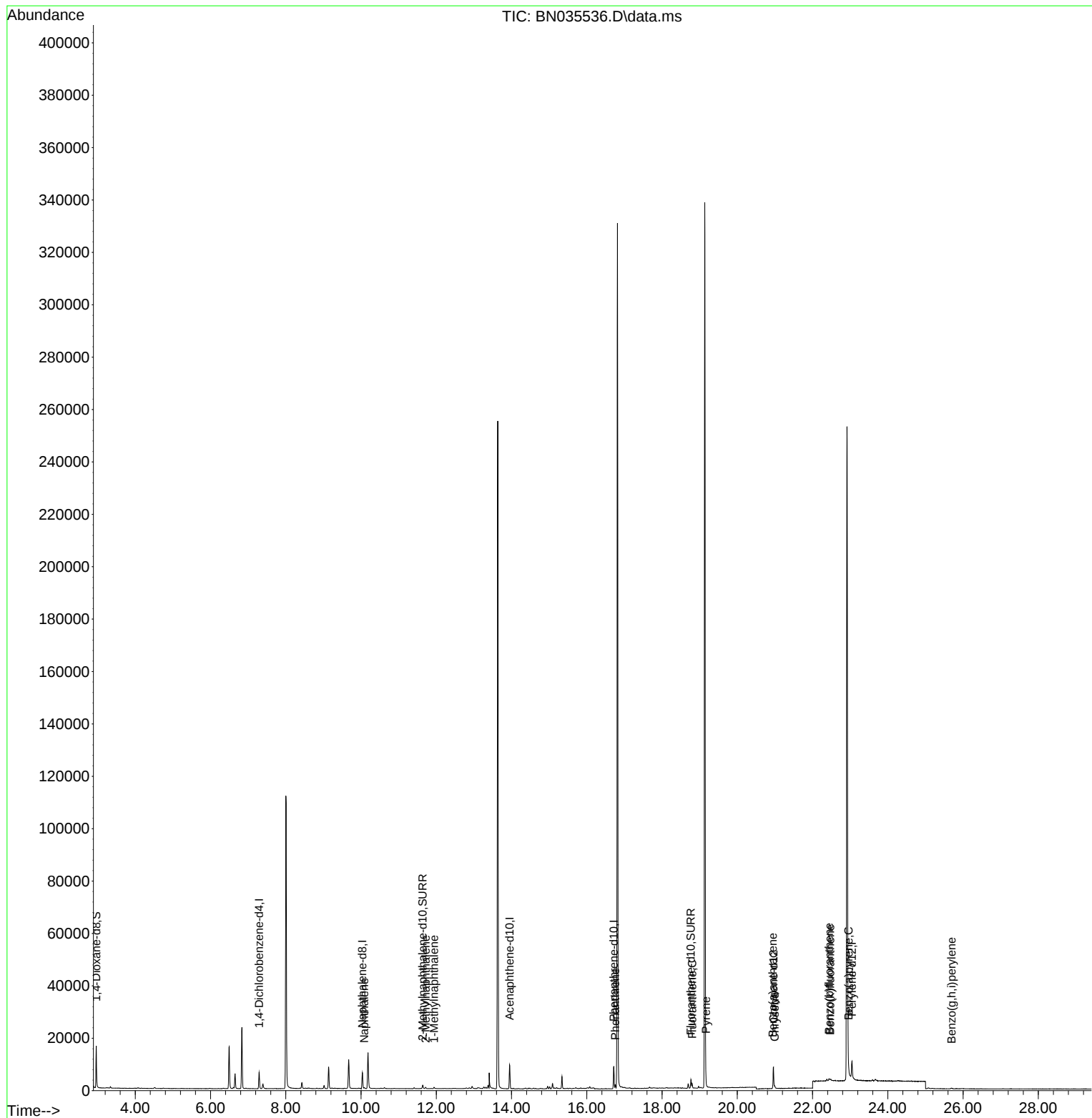
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035536.D
Acq On : 10 Dec 2024 17:54
Operator : RC/JU
Sample : P5066-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

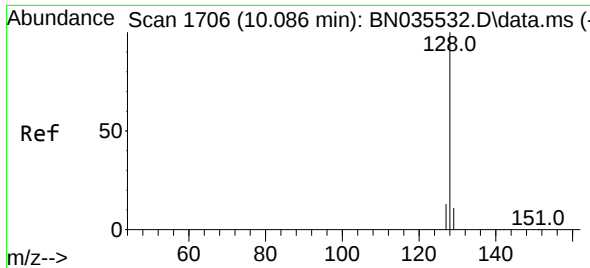
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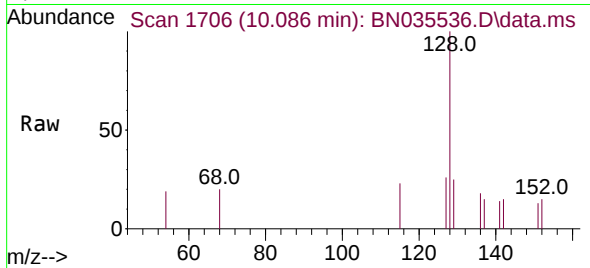
Quant Time: Dec 10 22:04:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.026 ng/ul m
RT: 10.086 min Scan# 1706
Delta R.T. -0.000 min
Lab File: BN035536.D
Acq: 10 Dec 2024 17:54

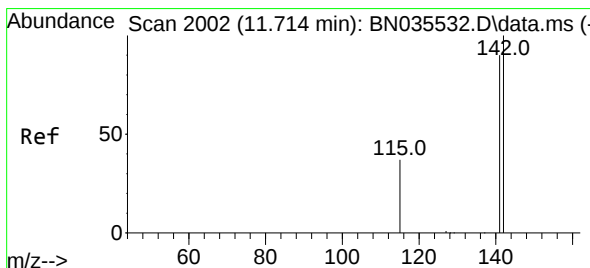
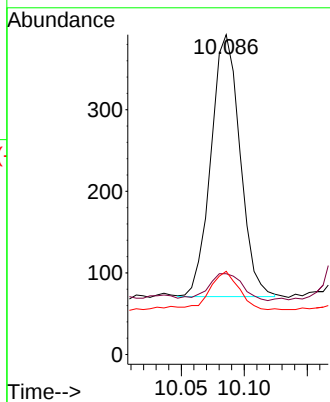
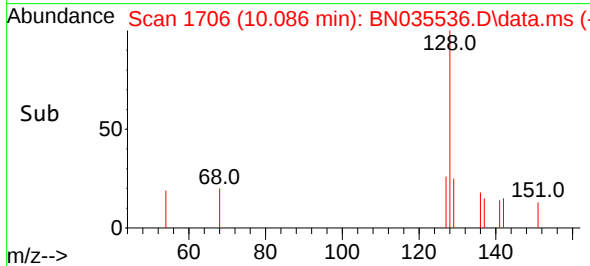
Instrument :
BNA_N
ClientSampleId :
E28N4



Tgt Ion:128 Resp: 511
Ion Ratio Lower Upper
128 100
129 25.3 9.9 14.9
127 26.0 11.4 17.2

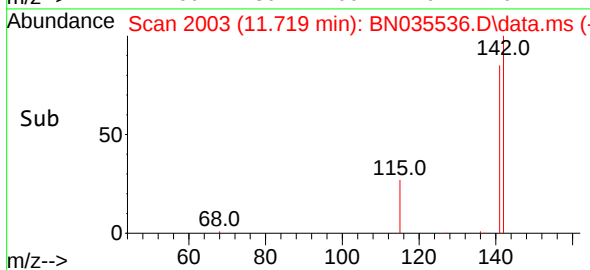
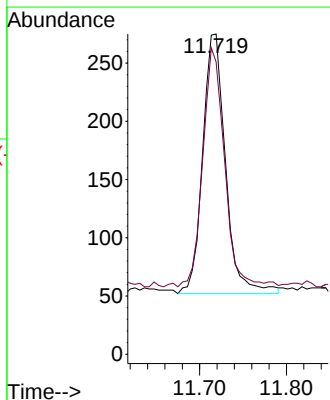
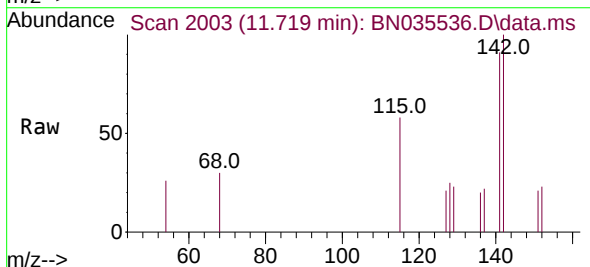
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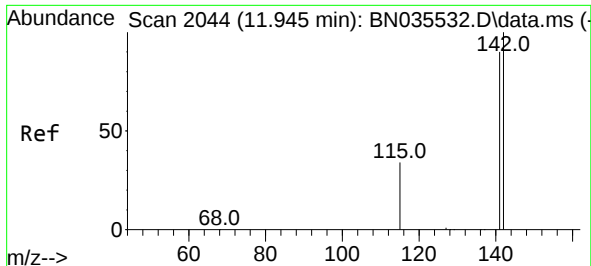
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 11.719 min Scan# 2003
Delta R.T. 0.005 min
Lab File: BN035536.D
Acq: 10 Dec 2024 17:54

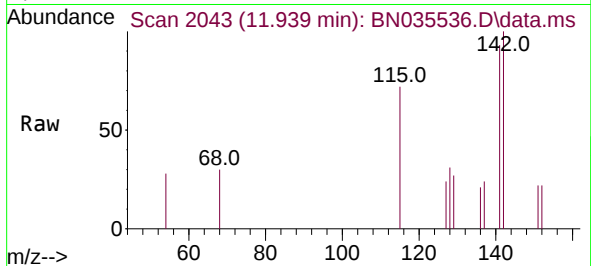
Tgt Ion:142 Resp: 408
Ion Ratio Lower Upper
142 100
141 87.5 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BN035536.D
Acq: 10 Dec 2024 17:54

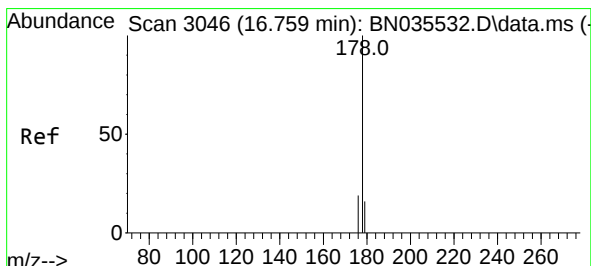
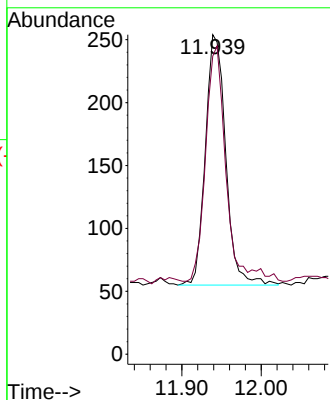
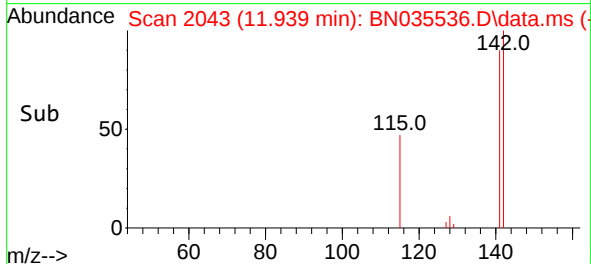
Instrument :
BNA_N
ClientSampleId :
E28N4



Tgt Ion:142 Resp: 358
Ion Ratio Lower Upper
142 100
141 94.4 73.1 109.7

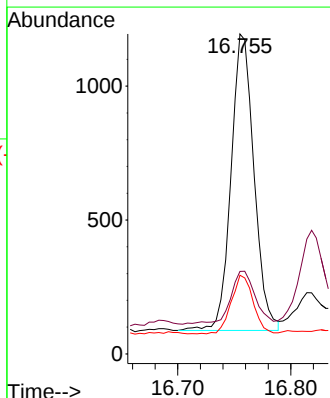
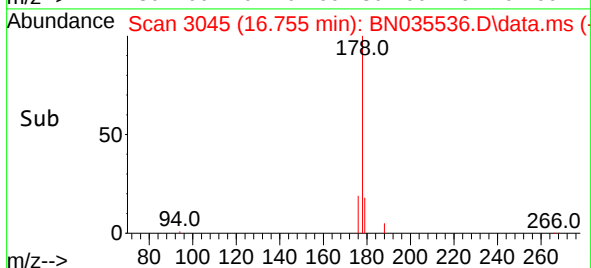
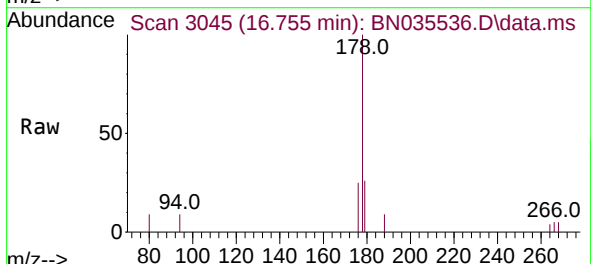
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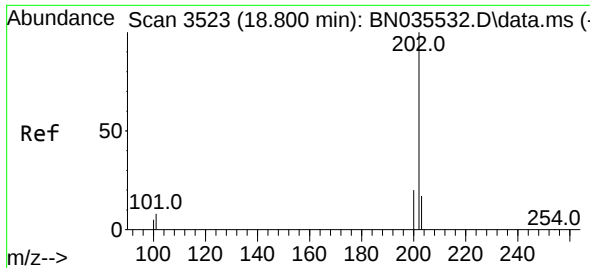
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#15
Phenanthrene
Concen: 0.060 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035536.D
Acq: 10 Dec 2024 17:54

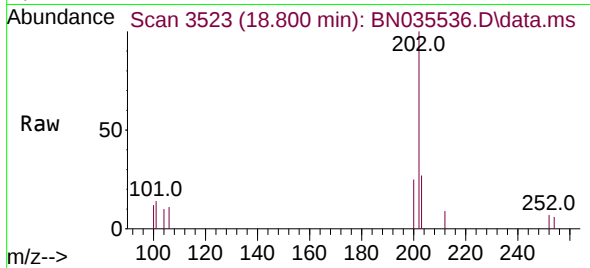
Tgt Ion:178 Resp: 1562
Ion Ratio Lower Upper
178 100
179 25.8 12.9 19.3#
176 24.6 15.6 23.4#





#19
Fluoranthene
Concen: 0.058 ng/u1
RT: 18.800 min Scan# 3523
Delta R.T. -0.000 min
Lab File: BN035536.D
Acq: 10 Dec 2024 17:54

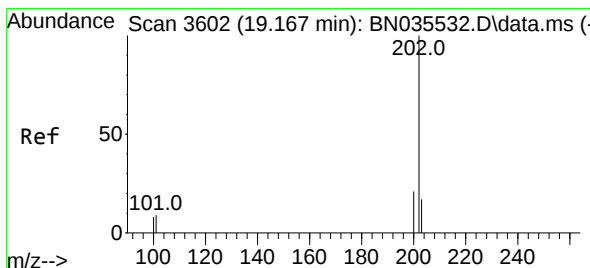
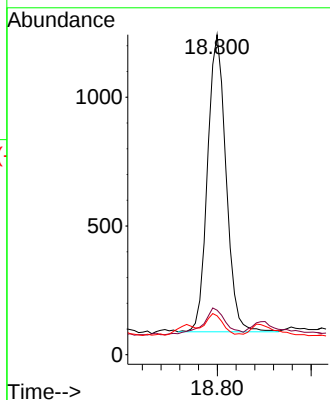
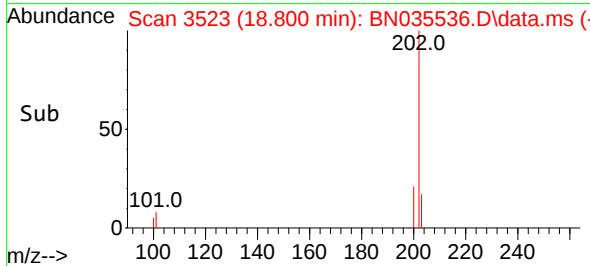
Instrument :
BNA_N
ClientSampleId :
E28N4



Tgt Ion:202 Resp: 158
Ion Ratio Lower Upper
202 100
101 13.9 5.8 8.6
100 12.1 4.5 6.7

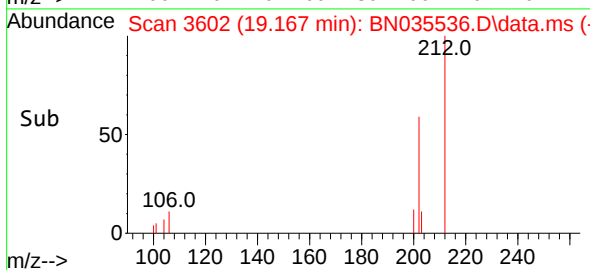
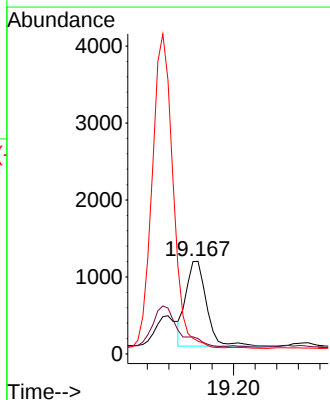
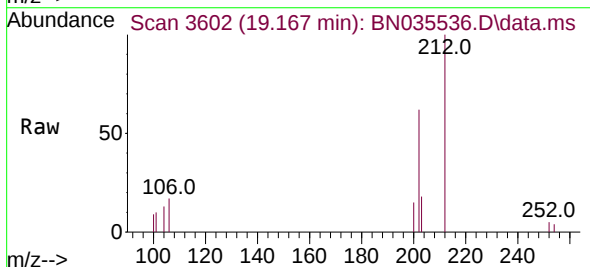
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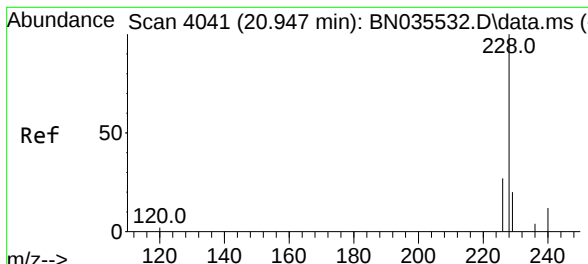
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#20
Pyrene
Concen: 0.051 ng/u1
RT: 19.167 min Scan# 3602
Delta R.T. -0.000 min
Lab File: BN035536.D
Acq: 10 Dec 2024 17:54

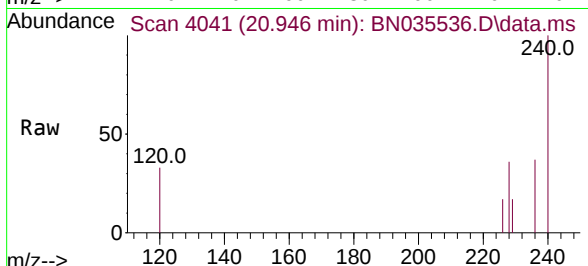
Tgt Ion:202 Resp: 1455
Ion Ratio Lower Upper
202 100
101 16.5 6.2 9.4#
100 13.9 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.020 ng/u1
RT: 20.946 min Scan# 4041
Delta R.T. -0.000 min
Lab File: BN035536.D
Acq: 10 Dec 2024 17:54

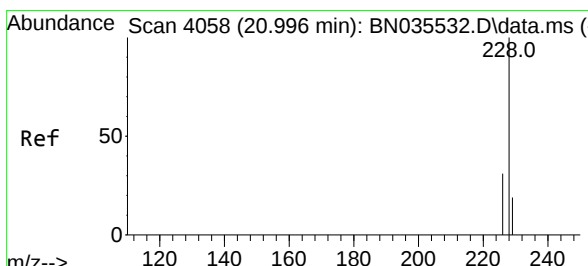
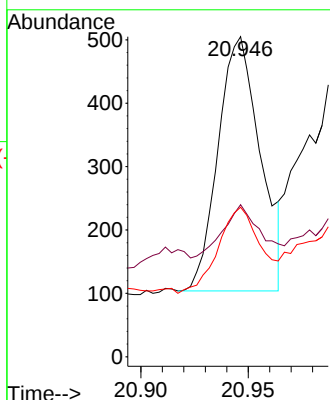
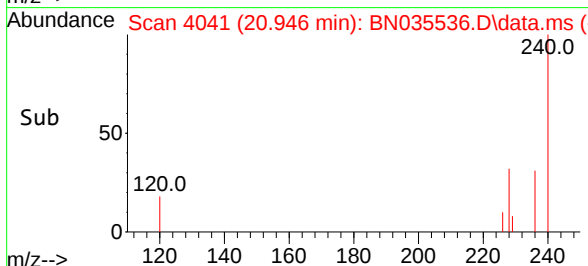
Instrument :
BNA_N
ClientSampleId :
E28N4



Tgt Ion:228 Resp: 549
Ion Ratio Lower Upper
228 100
229 47.5 15.8 23.8
226 46.7 21.8 32.8

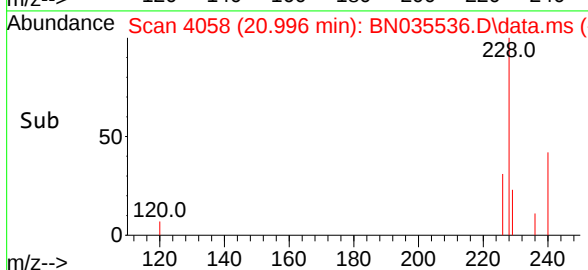
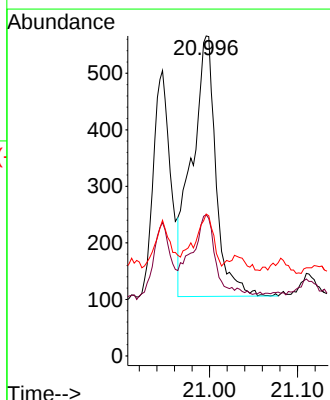
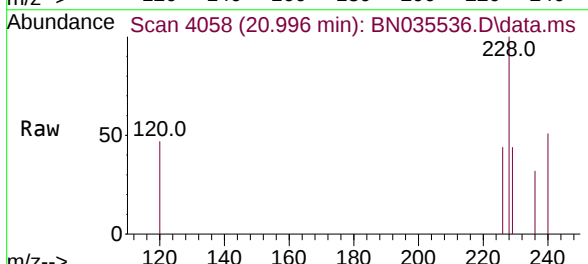
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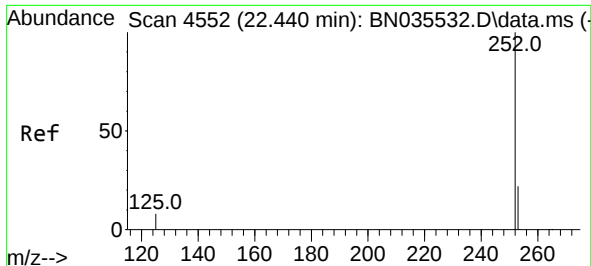
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#22
Chrysene
Concen: 0.032 ng/u1
RT: 20.996 min Scan# 4058
Delta R.T. -0.000 min
Lab File: BN035536.D
Acq: 10 Dec 2024 17:54

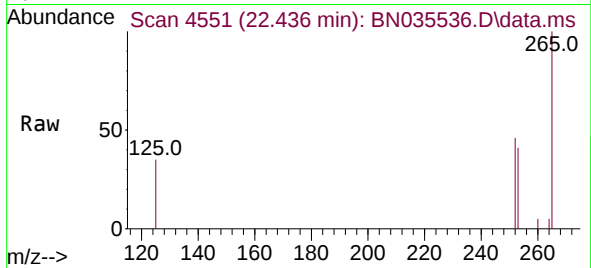
Tgt Ion:228 Resp: 874
Ion Ratio Lower Upper
228 100
226 44.2 24.7 37.1#
229 44.3 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.045 ng/ul m
RT: 22.436 min Scan# 4551
Delta R.T. -0.003 min
Lab File: BN035536.D
Acq: 10 Dec 2024 17:54

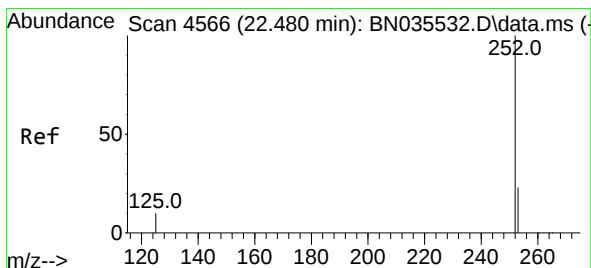
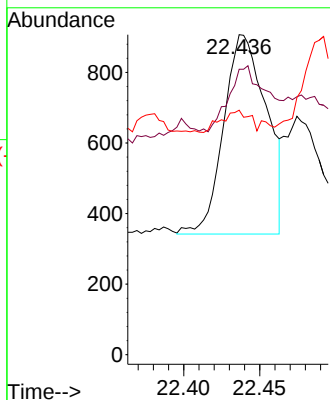
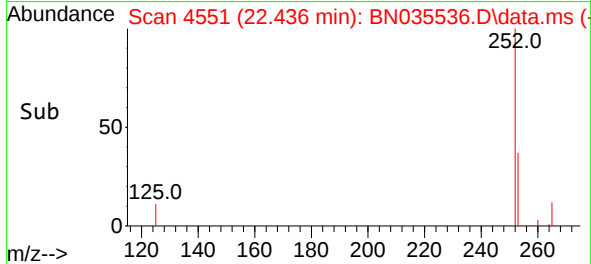
Instrument :
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ClientSampleId :
E28N4



Tgt Ion:252 Resp: 110
Ion Ratio Lower Upper
252 100
253 89.2 0.0 54.0#
125 76.4 0.0 19.4#

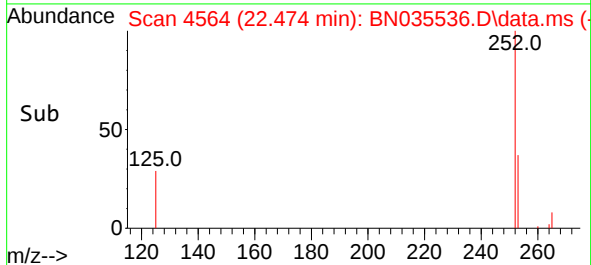
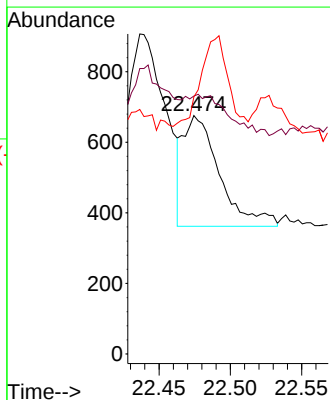
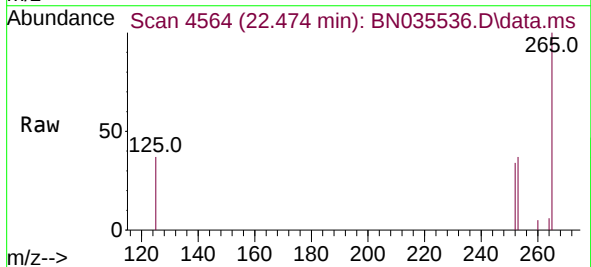
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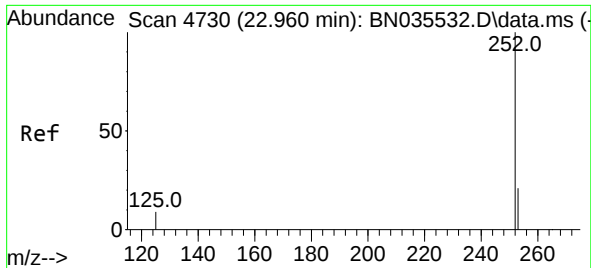
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#25
Benzo(k)fluoranthene
Concen: 0.022 ng/ul m
RT: 22.474 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035536.D
Acq: 10 Dec 2024 17:54

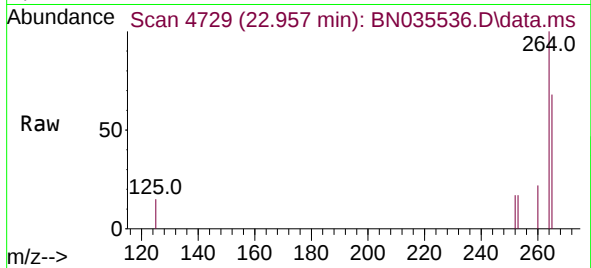
Tgt Ion:252 Resp: 558
Ion Ratio Lower Upper
252 100
253 108.1 21.8 32.6#
125 107.8 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.027 ng/u1
RT: 22.957 min Scan# 4729
Delta R.T. -0.003 min
Lab File: BN035536.D
Acq: 10 Dec 2024 17:54

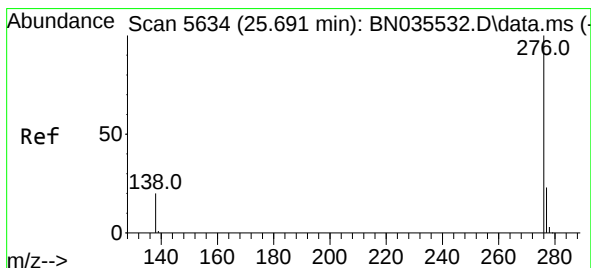
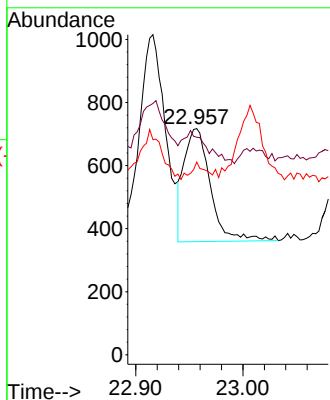
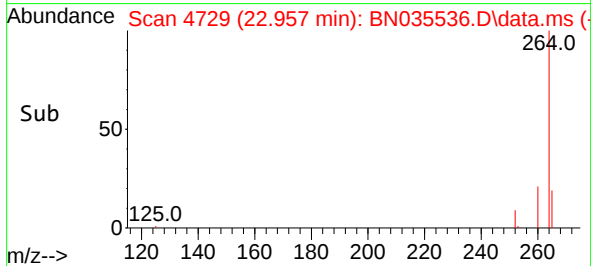
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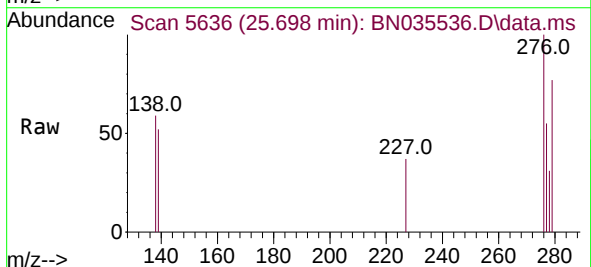
Tgt Ion:252 Resp: 61#
Ion Ratio Lower Upper
252 100
253 96.2 22.9 34.3#
125 85.2 9.4 14.2#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.022 ng/u1
RT: 25.698 min Scan# 5636
Delta R.T. 0.007 min
Lab File: BN035536.D
Acq: 10 Dec 2024 17:54



Tgt Ion:276 Resp: 527
Ion Ratio Lower Upper
276 100
138 59.5 13.0 19.6#
277 55.1 20.5 30.7#

