

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035058.D
 Acq On : 13 Nov 2024 04:57
 Operator : RC/JU
 Sample : P4636-08
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CC0P8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2024
 Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 13 05:22:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 00:41:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	3097	0.400	ng/ul	0.00
4) Naphthalene-d8	10.322	136	7641	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.194	164	4988	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	10872	0.400	ng/ul	0.00
17) Chrysene-d12	21.136	240	10744	0.400	ng/ul	# 0.00
23) Perylene-d12	23.296	264	12130	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	3188	1.082	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.917	152	2003	0.171	ng/ul	0.00
18) Fluoranthene-d10	18.972	212	5253	0.190	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.907	152	480	0.024	ng/ul#	66
15) Phenanthrene	16.983	178	921	0.032	ng/ul#	82
19) Fluoranthene	19.004	202	3631	0.101	ng/ul#	90
20) Pyrene	19.367	202	3485	0.094	ng/ul#	88
21) Benzo(a)anthracene	21.119	228	2598	0.067	ng/ul#	87
22) Chrysene	21.172	228	3392	0.085	ng/ul#	90
24) Benzo(b)fluoranthene	22.656	252	4241m	0.099	ng/ul	
25) Benzo(k)fluoranthene	22.694	252	1747m	0.039	ng/ul	
26) Benzo(a)pyrene	23.200	252	1398	0.037	ng/ul#	6
27) Indeno(1,2,3-cd)pyrene	25.446	276	1582	0.034	ng/ul#	67
28) Dibenzo(a,h)anthracene	25.450	278	873	0.024	ng/ul#	1

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

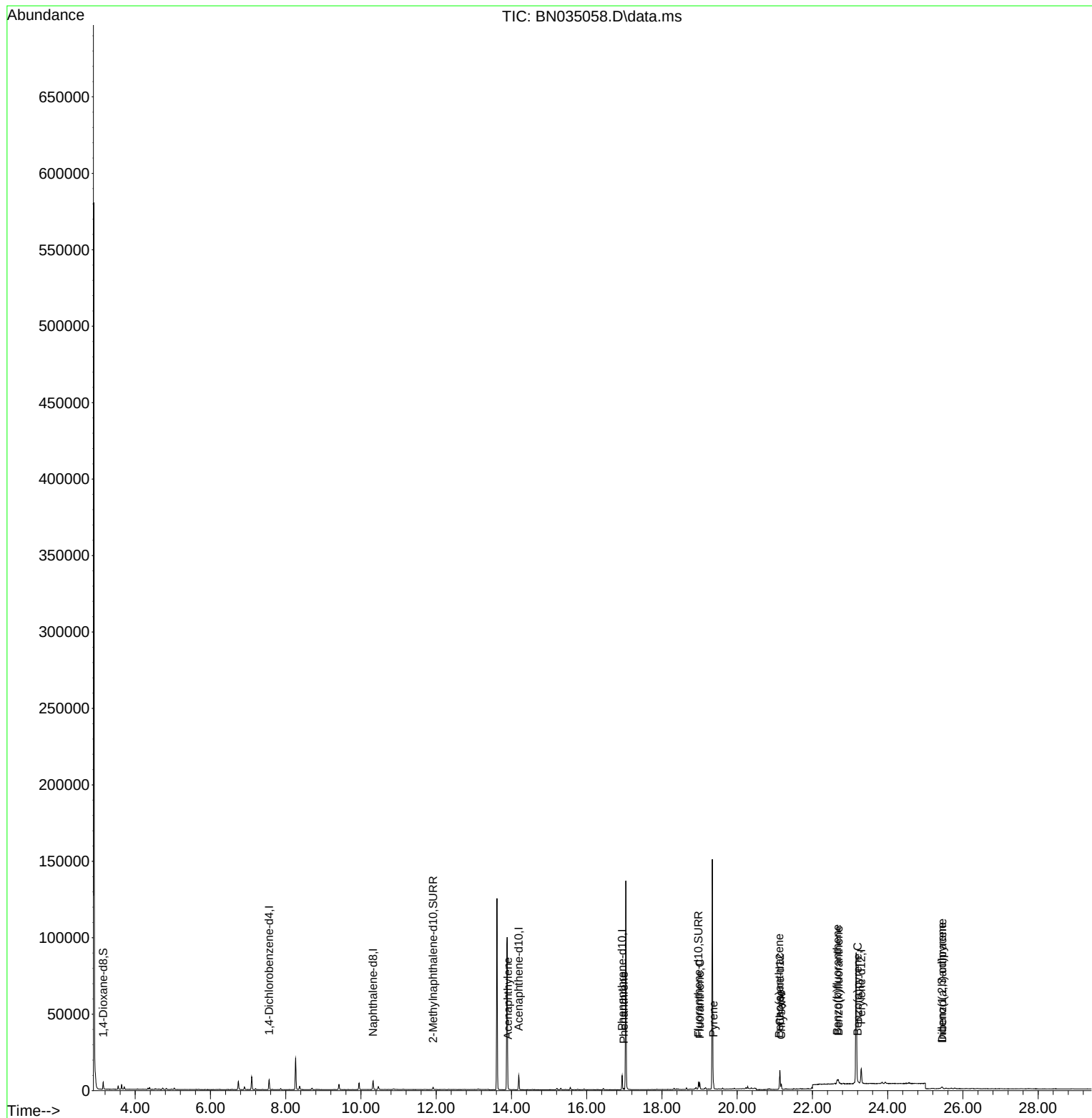
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035058.D
Acq On : 13 Nov 2024 04:57
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Sample : P4636-08
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ALS Vial : 78 Sample Multiplier: 1

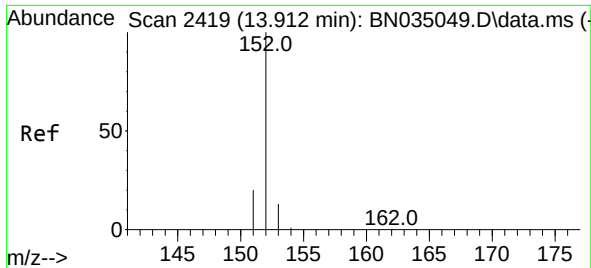
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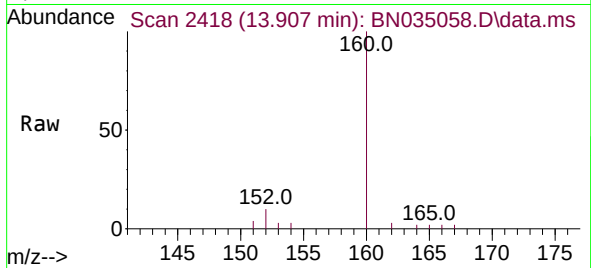
Quant Time: Nov 13 05:22:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 00:41:17 2024
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#10
Acenaphthylene
Concen: 0.024 ng/u1
RT: 13.907 min Scan# 2419
Delta R.T. -0.005 min
Lab File: BN035058.D
Acq: 13 Nov 2024 04:57

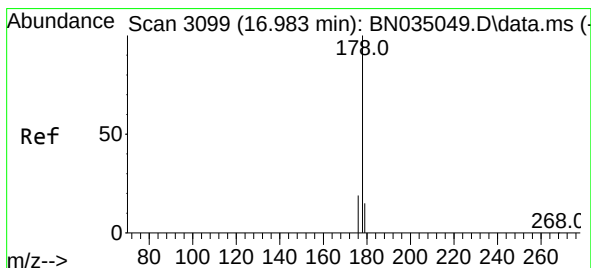
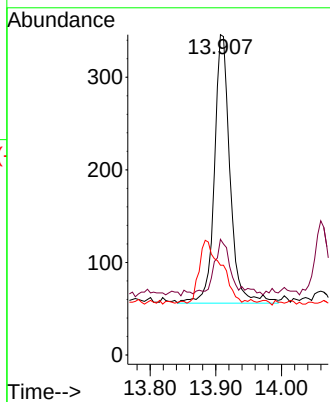
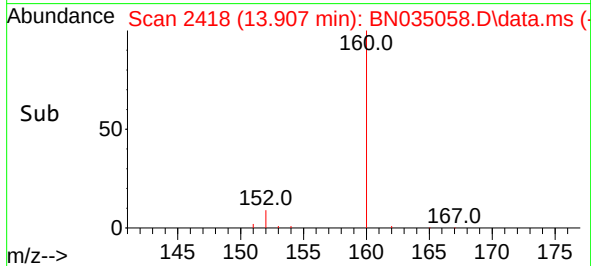
Instrument :
BNA_N
ClientSampleId :
CC0P8



Tgt Ion:152 Resp: 480
Ion Ratio Lower Upper
152 100
151 36.1 16.6 24.8#
153 28.0 11.0 16.6#

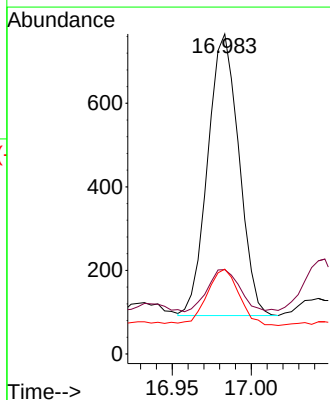
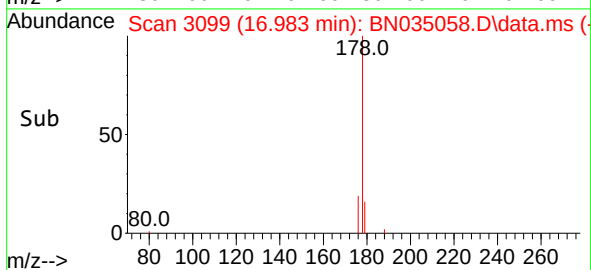
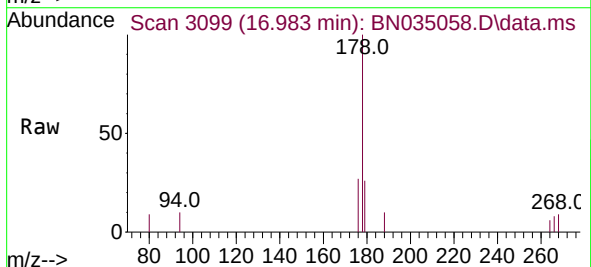
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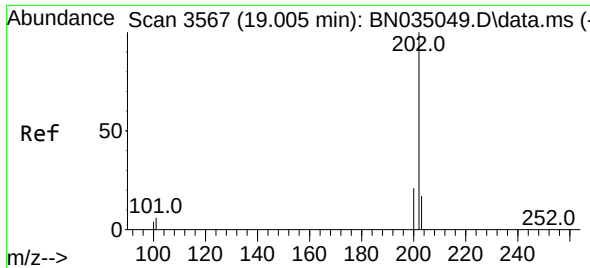
Reviewed By :Jagrut Upadhyay 11/13/2024
Supervised By :mohammad ahmed 11/14/2024



#15
Phenanthrene
Concen: 0.032 ng/u1
RT: 16.983 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BN035058.D
Acq: 13 Nov 2024 04:57

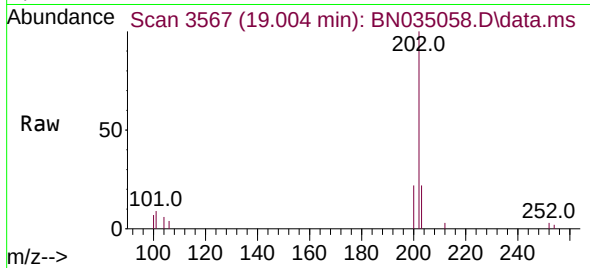
Tgt Ion:178 Resp: 921
Ion Ratio Lower Upper
178 100
179 26.4 13.4 20.2#
176 26.5 15.8 23.6#





#19
Fluoranthene
Concen: 0.101 ng/u1
RT: 19.004 min Scan# 3567
Delta R.T. -0.000 min
Lab File: BN035058.D
Acq: 13 Nov 2024 04:57

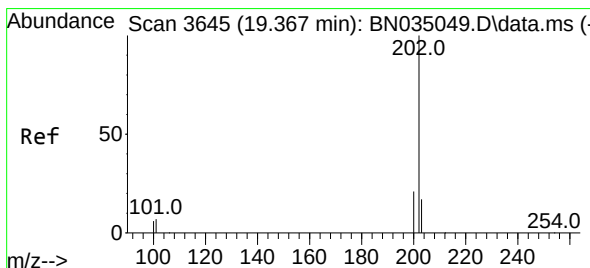
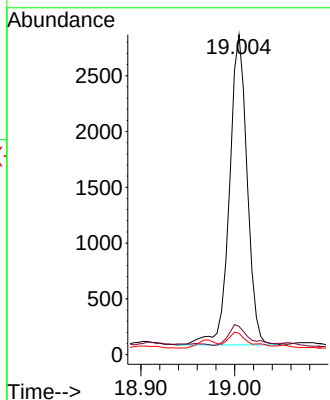
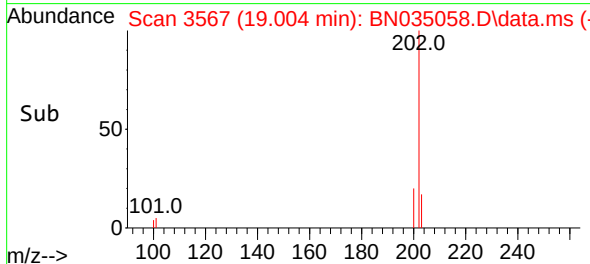
Instrument :
BNA_N
ClientSampleId :
CC0P8



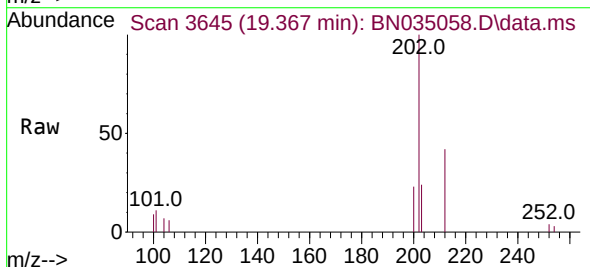
Tgt Ion:202 Resp: 363
Ion Ratio Lower Upper
202 100
101 8.9 4.2 6.2#
100 6.7 3.2 4.8#

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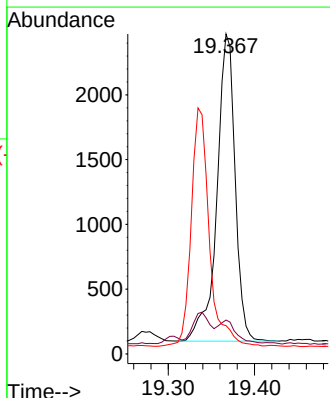
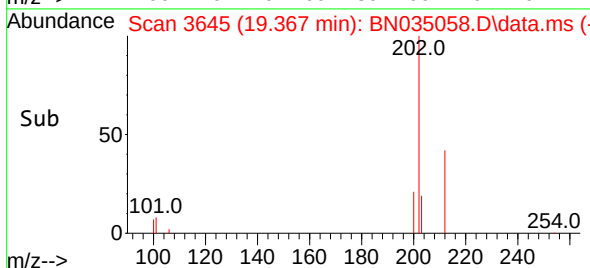
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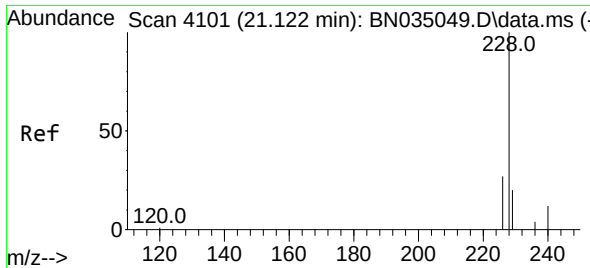


#20
Pyrene
Concen: 0.094 ng/u1
RT: 19.367 min Scan# 3645
Delta R.T. -0.000 min
Lab File: BN035058.D
Acq: 13 Nov 2024 04:57



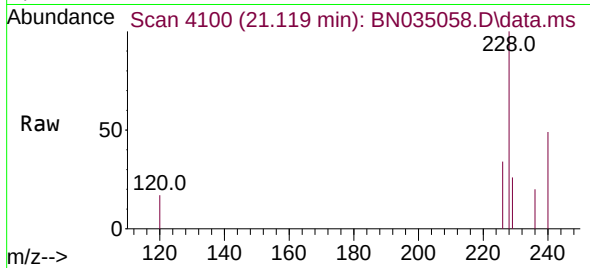
Tgt Ion:202 Resp: 3485
Ion Ratio Lower Upper
202 100
101 10.6 5.0 7.4#
100 8.9 4.1 6.1#





#21
Benzo(a)anthracene
Concen: 0.067 ng/u1
RT: 21.119 min Scan# 4119
Delta R.T. -0.003 min
Lab File: BN035058.D
Acq: 13 Nov 2024 04:57

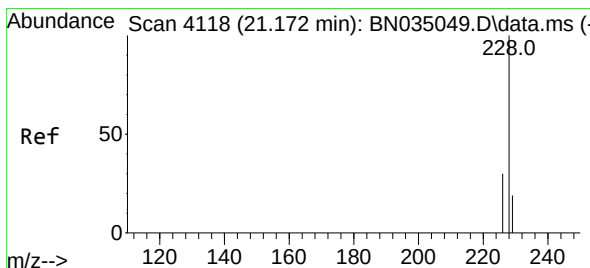
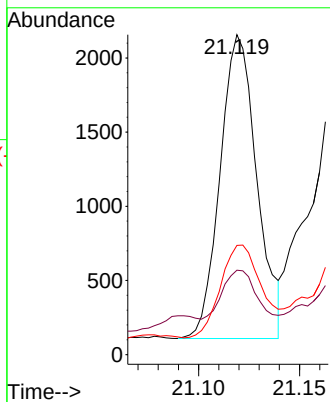
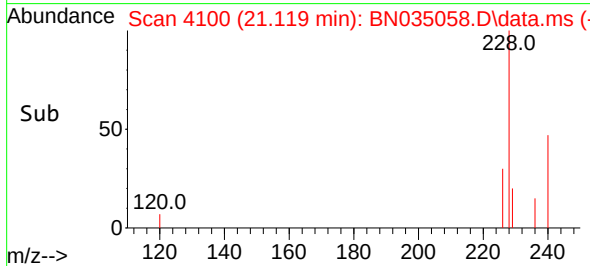
Instrument :
BNA_N
ClientSampleId :
CC0P8



Tgt Ion:228 Resp: 2598
Ion Ratio Lower Upper
228 100
229 26.4 15.8 23.8
226 34.1 22.2 33.2

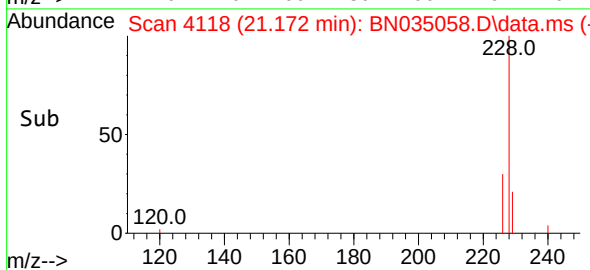
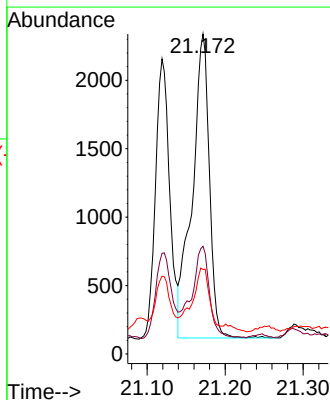
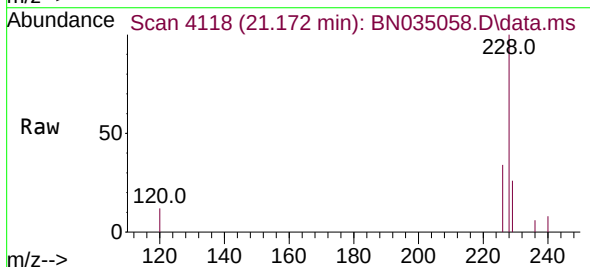
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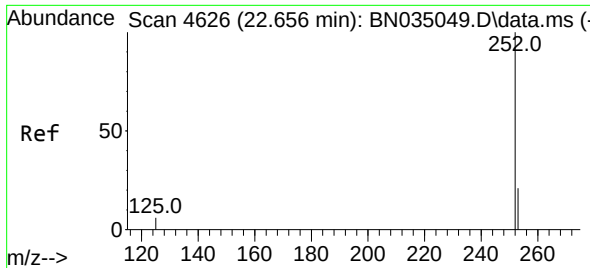
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#22
Chrysene
Concen: 0.085 ng/u1
RT: 21.172 min Scan# 4118
Delta R.T. -0.000 min
Lab File: BN035058.D
Acq: 13 Nov 2024 04:57

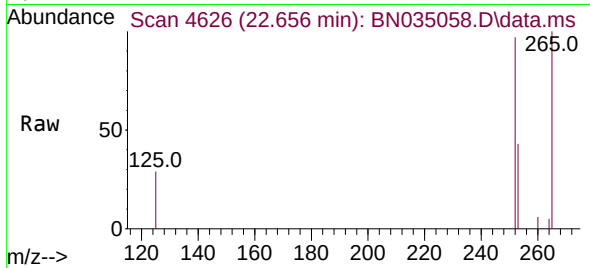
Tgt Ion:228 Resp: 3392
Ion Ratio Lower Upper
228 100
226 33.6 24.2 36.4
229 26.4 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.099 ng/ul m
RT: 22.656 min Scan# 4626
Delta R.T. -0.000 min
Lab File: BN035058.D
Acq: 13 Nov 2024 04:57

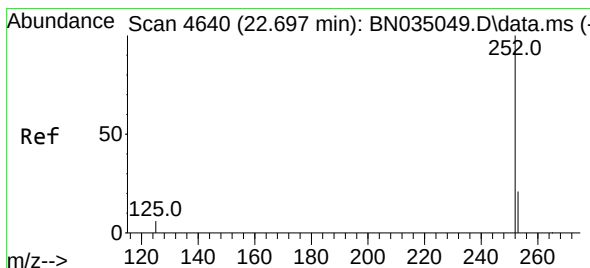
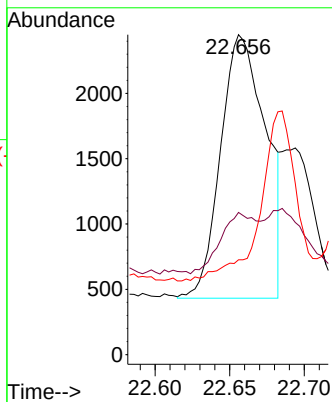
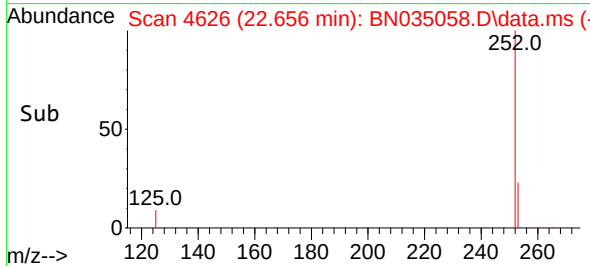
Instrument :
BNA_N
ClientSampleId :
CC0P8



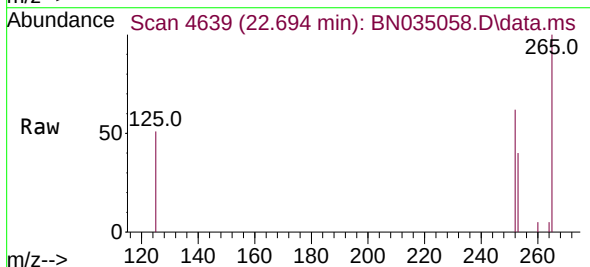
Tgt Ion:252 Resp: 424
Ion Ratio Lower Upper
252 100
253 44.4 0.0 50.0
125 29.6 0.0 14.0

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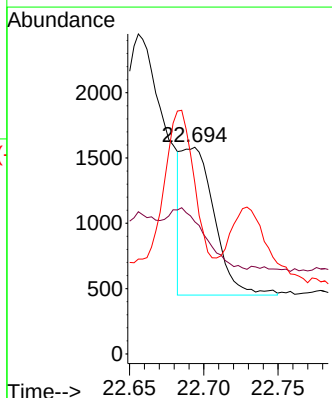
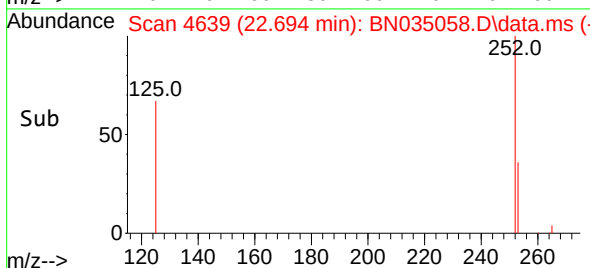
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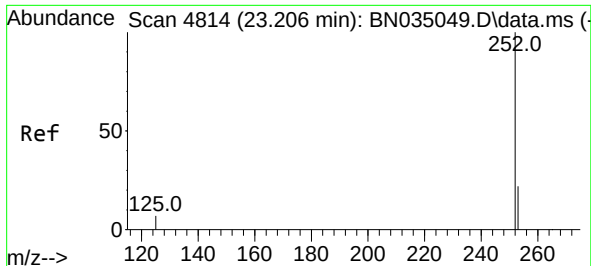


#25
Benzo(k)fluoranthene
Concen: 0.039 ng/ul m
RT: 22.694 min Scan# 4639
Delta R.T. -0.003 min
Lab File: BN035058.D
Acq: 13 Nov 2024 04:57



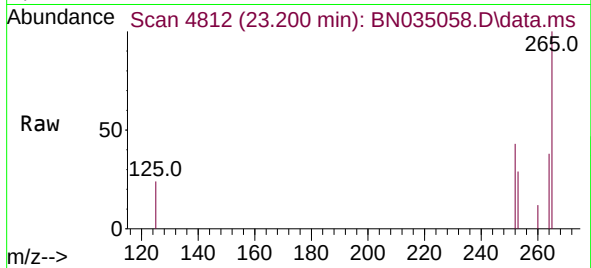
Tgt Ion:252 Resp: 1747
Ion Ratio Lower Upper
252 100
253 63.9 20.2 30.4#
125 82.7 5.8 8.8#





#26
Benzo(a)pyrene
Concen: 0.037 ng/ul
RT: 23.200 min Scan# 4812
Delta R.T. -0.006 min
Lab File: BN035058.D
Acq: 13 Nov 2024 04:57

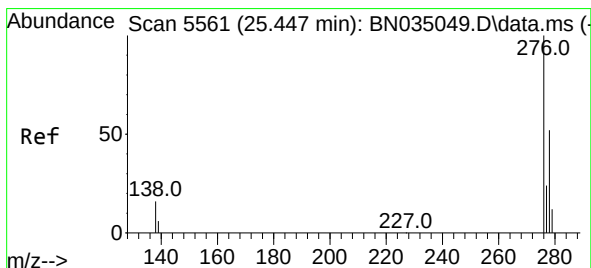
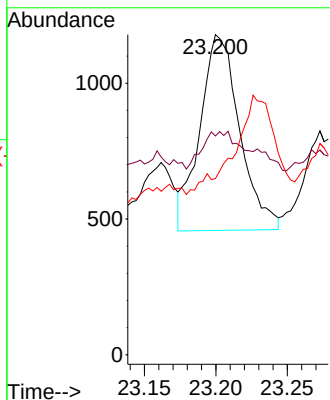
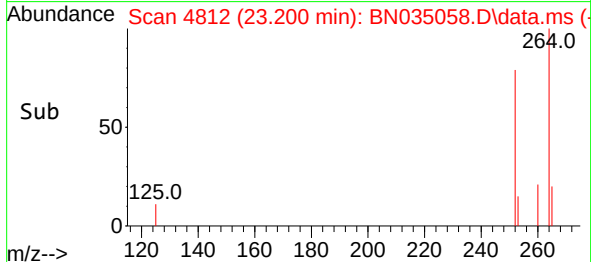
Instrument :
BNA_N
ClientSampleId :
CC0P8



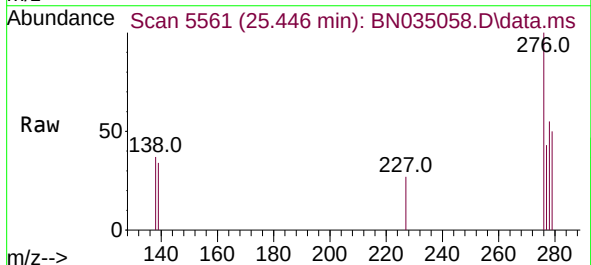
Tgt Ion:252 Resp: 1398
Ion Ratio Lower Upper
252 100
253 68.4 21.2 31.8
125 55.0 6.3 9.5

Manual Integrations
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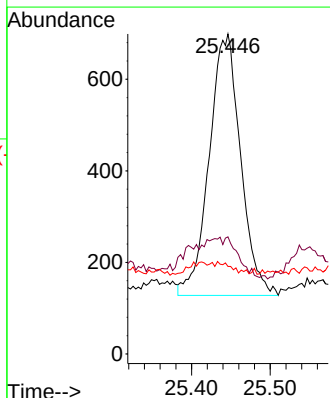
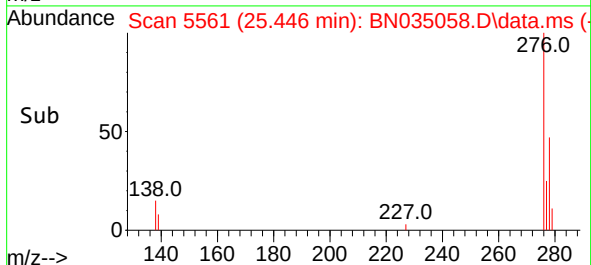
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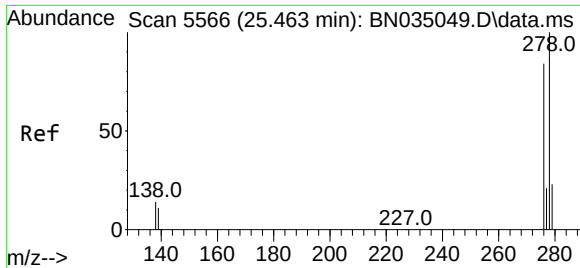


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.034 ng/ul
RT: 25.446 min Scan# 5561
Delta R.T. -0.000 min
Lab File: BN035058.D
Acq: 13 Nov 2024 04:57



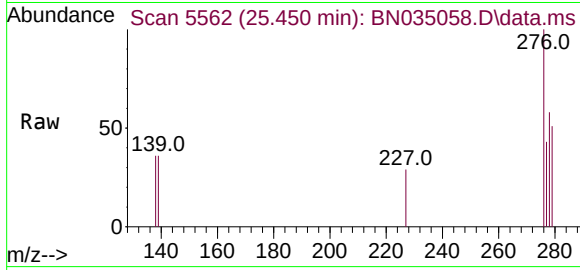
Tgt Ion:276 Resp: 1582
Ion Ratio Lower Upper
276 100
138 0.0 10.8 16.2#
227 6.1 0.2 0.4#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.024 ng/ul
 RT: 25.450 min Scan# 51
 Delta R.T. -0.014 min
 Lab File: BN035058.D
 Acq: 13 Nov 2024 04:57

Instrument :
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 CC0P8



Tgt Ion:	278	Resp:	87.0
Ion Ratio	Lower	Upper	
278	100		
139	60.9	8.4	12.6
279	86.9	21.5	32.3

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