

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035642.D
 Acq On : 17 Dec 2024 06:48
 Operator : RC/JU
 Sample : P5232-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28R7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 17 07:52:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.284	152	2221	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	6766	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	4638	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	9923	0.400	ng/ul	0.00
17) Chrysene-d12	20.964	240	7919	0.400	ng/ul	# 0.00
23) Perylene-d12	23.054	264	9002m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	6588	3.346	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	2150	0.223	ng/ul	0.00
18) Fluoranthene-d10	18.772	212	5112	0.221	ng/ul	0.00
Target Compounds					Qvalue	
10) Acenaphthylene	13.662	152	615	0.034	ng/ul#	37
15) Phenanthrene	16.760	178	5497	0.221	ng/ul	95
16) Anthracene	16.848	178	1791m	0.077	ng/ul	
19) Fluoranthene	18.800	202	18148	0.641	ng/ul	100
20) Pyrene	19.167	202	16711	0.536	ng/ul	98
21) Benzo(a)anthracene	20.947	228	9039	0.344	ng/ul#	78
22) Chrysene	20.999	228	8952	0.328	ng/ul#	79
24) Benzo(b)fluoranthene	22.443	252	13279m	0.501	ng/ul	
25) Benzo(k)fluoranthene	22.481	252	6051m	0.206	ng/ul	
26) Benzo(a)pyrene	22.963	252	10205	0.397	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	25.084	276	7901m	0.253	ng/ul	
28) Dibenzo(a,h)anthracene	25.098	278	1855m	0.078	ng/ul	
29) Benzo(g,h,i)perylene	25.698	276	8118	0.323	ng/ul#	70

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

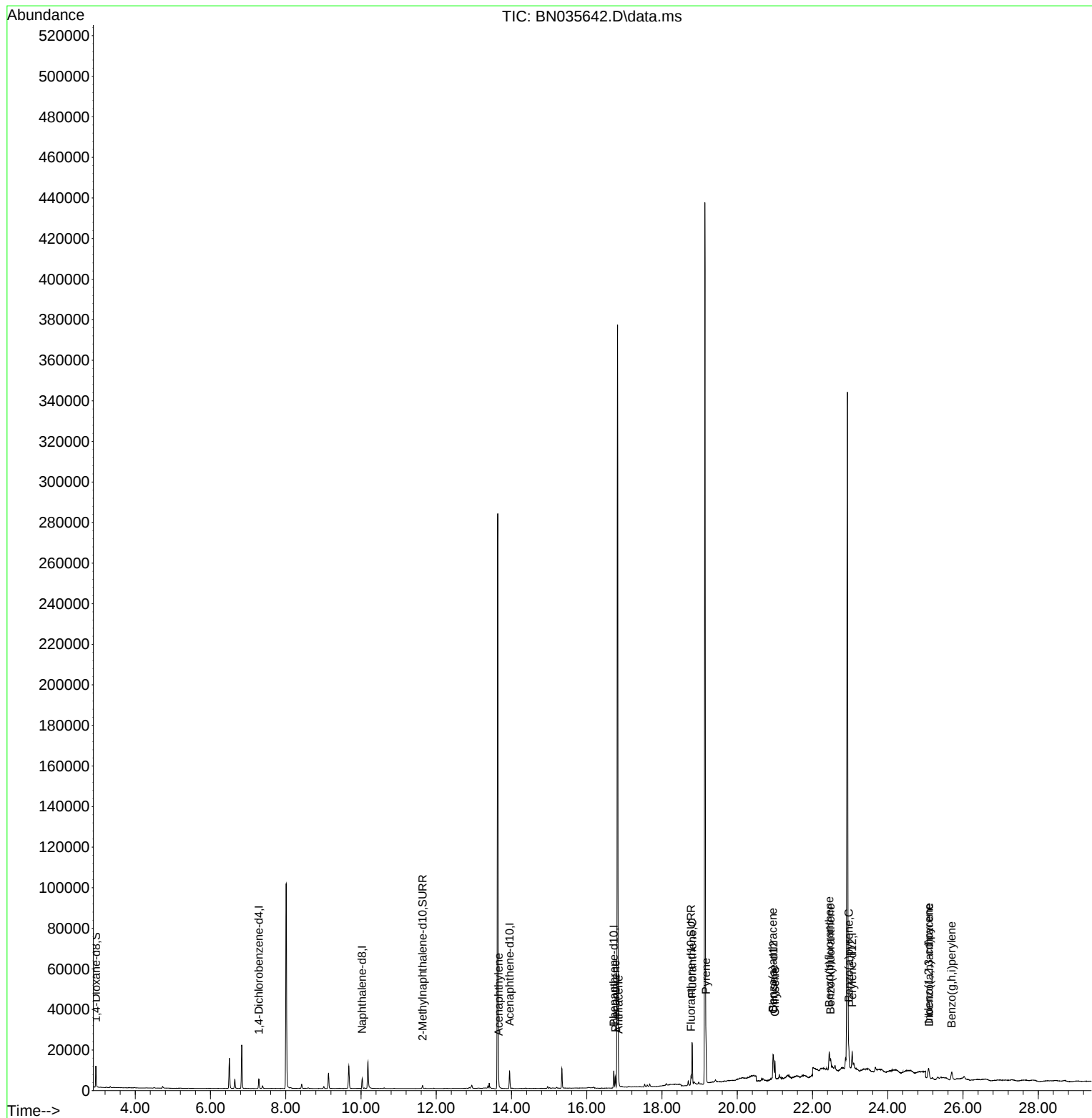
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035642.D
Acq On : 17 Dec 2024 06:48
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ALS Vial : 32 Sample Multiplier: 1

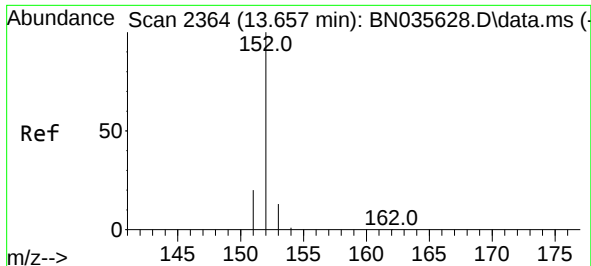
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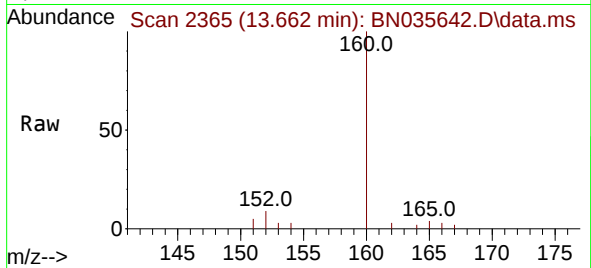
Quant Time: Dec 17 07:52:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
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#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 13.662 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN035642.D
Acq: 17 Dec 2024 06:48

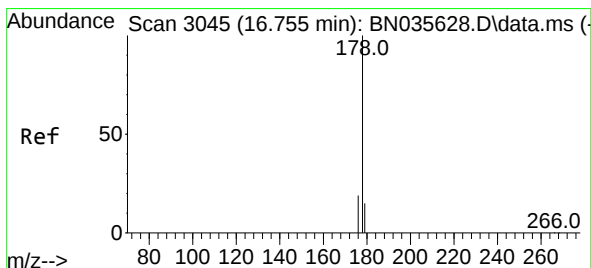
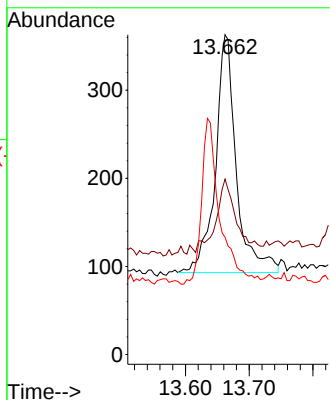
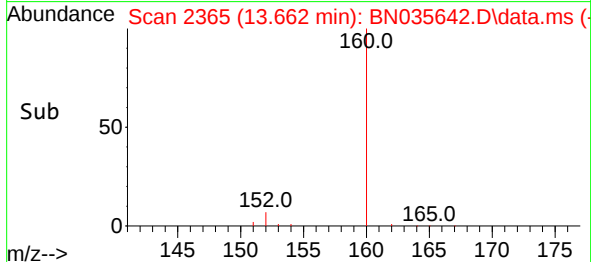
Instrument :
BNA_N
ClientSampleId :
E28R7



Tgt Ion:152 Resp: 61
Ion Ratio Lower Upper
152 100
151 54.8 17.6 26.4
153 36.6 11.4 17.2

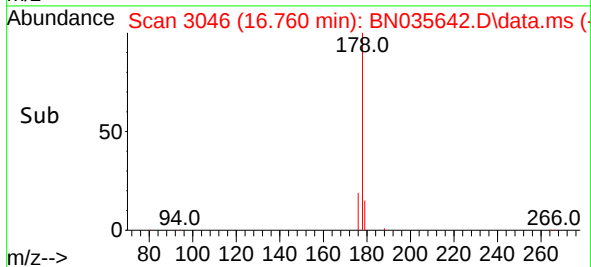
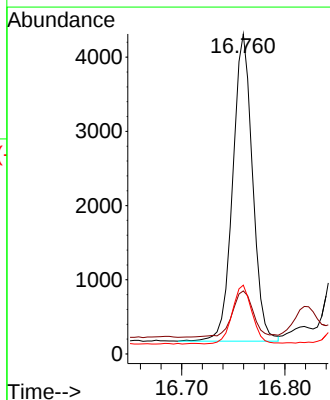
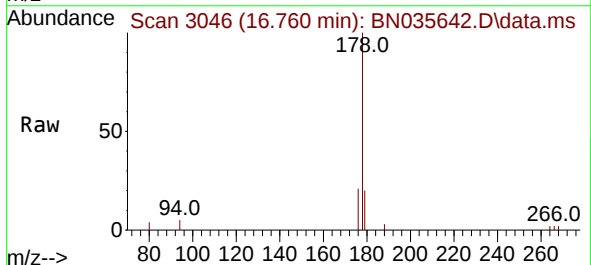
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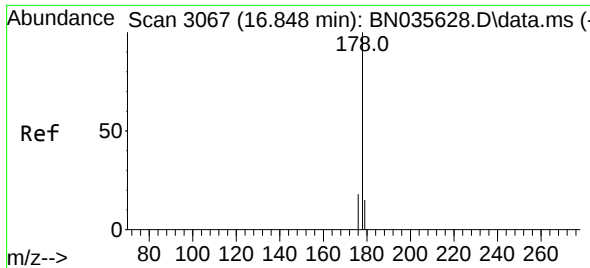
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#15
Phenanthrene
Concen: 0.221 ng/ul
RT: 16.760 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BN035642.D
Acq: 17 Dec 2024 06:48

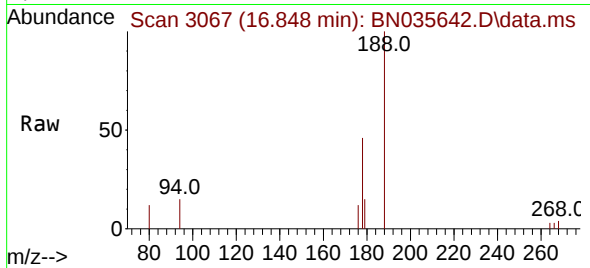
Tgt Ion:178 Resp: 5497
Ion Ratio Lower Upper
178 100
179 19.7 13.3 19.9
176 21.5 15.8 23.8





#16
 Anthracene
 Concen: 0.077 ng/ul m
 RT: 16.848 min Scan# 3067
 Delta R.T. 0.000 min
 Lab File: BN035642.D
 Acq: 17 Dec 2024 06:48

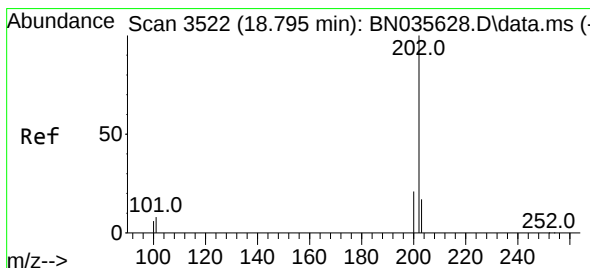
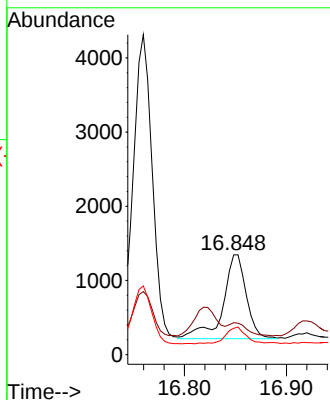
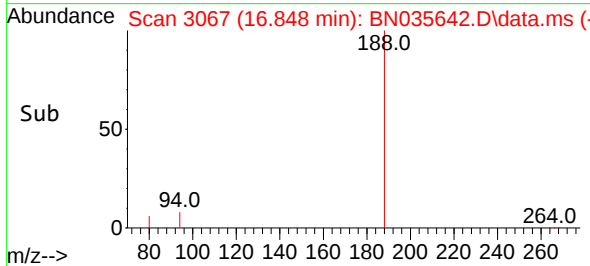
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Tgt Ion:178 Resp: 179
 Ion Ratio Lower Upper
 178 100
 179 32.0 13.4 20.0
 176 26.5 15.4 23.0

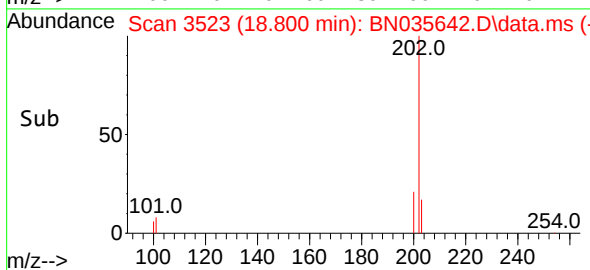
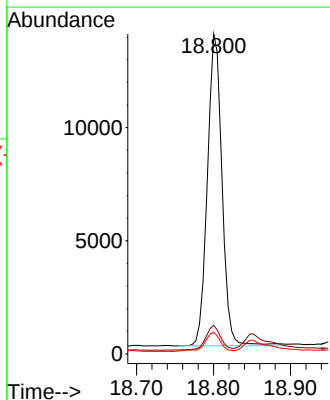
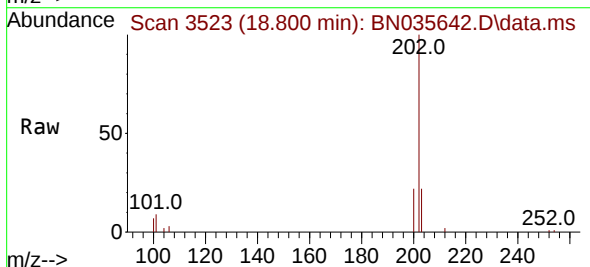
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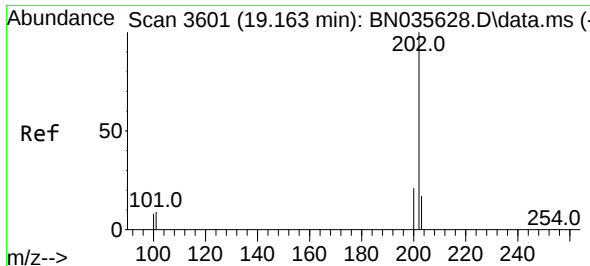
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#19
 Fluoranthene
 Concen: 0.641 ng/ul
 RT: 18.800 min Scan# 3523
 Delta R.T. 0.000 min
 Lab File: BN035642.D
 Acq: 17 Dec 2024 06:48

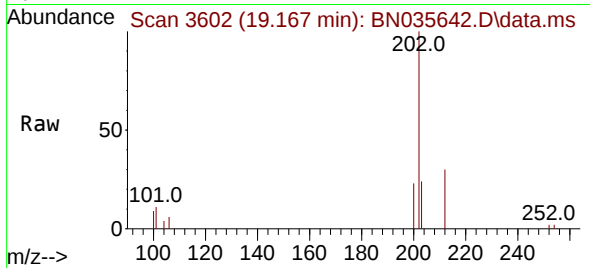
Tgt Ion:202 Resp: 18148
 Ion Ratio Lower Upper
 202 100
 101 8.9 7.3 10.9
 100 6.8 5.4 8.0





#20
Pyrene
Concen: 0.536 ng/ul
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035642.D
Acq: 17 Dec 2024 06:48

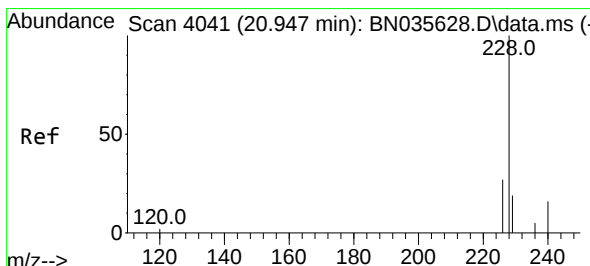
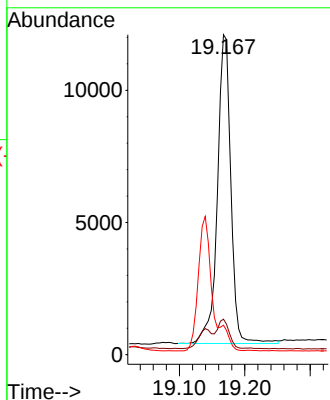
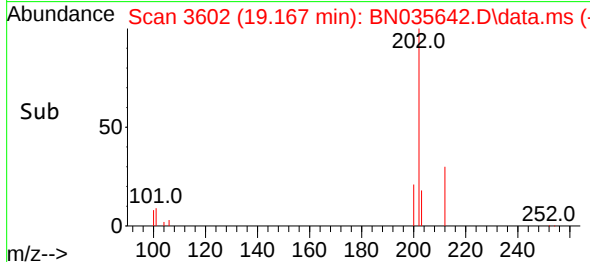
Instrument :
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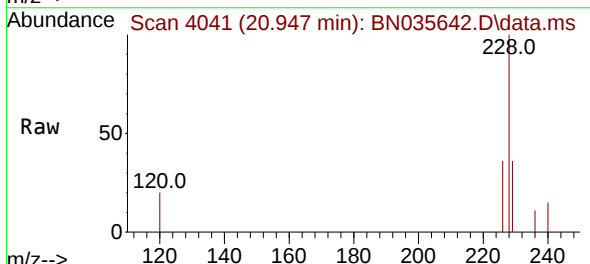
Tgt Ion:202 Resp: 16711
Ion Ratio Lower Upper
202 100
101 11.1 8.5 12.7
100 9.2 6.5 9.7

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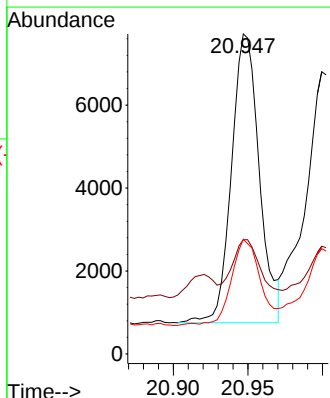
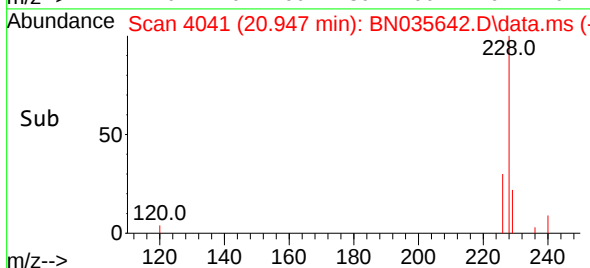
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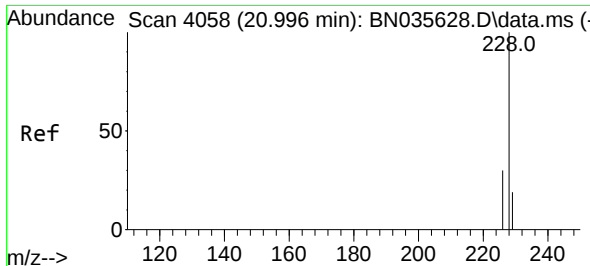


#21
Benzo(a)anthracene
Concen: 0.344 ng/ul
RT: 20.947 min Scan# 4041
Delta R.T. -0.003 min
Lab File: BN035642.D
Acq: 17 Dec 2024 06:48



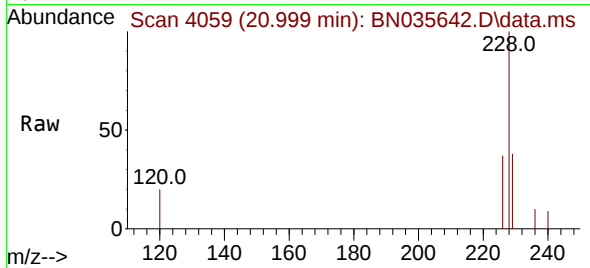
Tgt Ion:228 Resp: 9039
Ion Ratio Lower Upper
228 100
229 35.7 16.6 25.0#
226 35.8 22.5 33.7#





#22
Chrysene
Concen: 0.328 ng/ul
RT: 20.999 min Scan# 4058
Delta R.T. 0.000 min
Lab File: BN035642.D
Acq: 17 Dec 2024 06:48

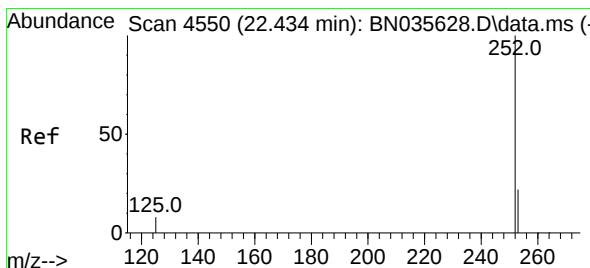
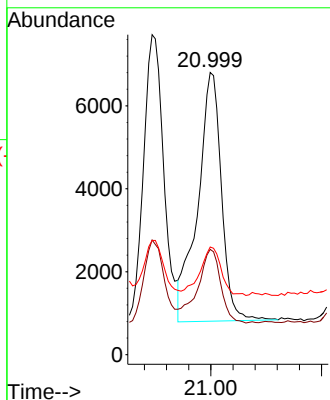
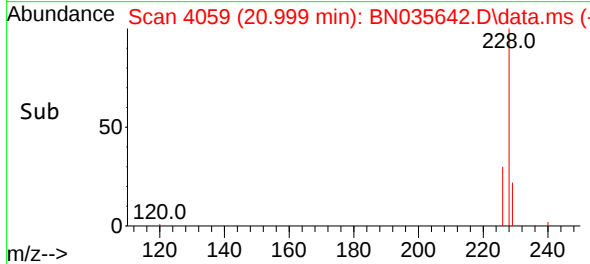
Instrument :
BNA_N
ClientSampleId :
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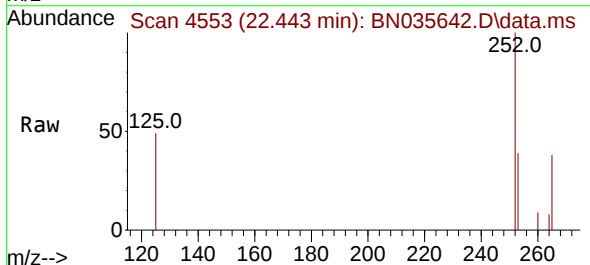
Tgt Ion:228 Resp: 8952
Ion Ratio Lower Upper
228 100
226 37.3 25.1 37.7
229 38.2 16.6 24.8

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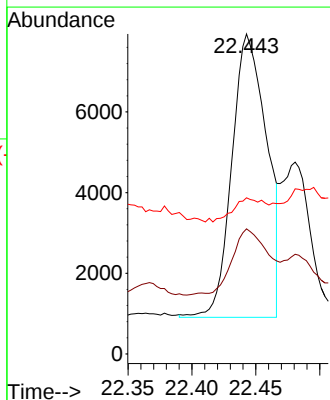
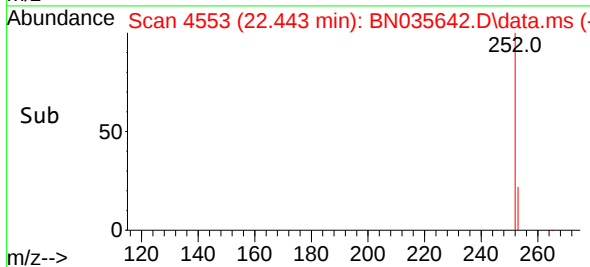
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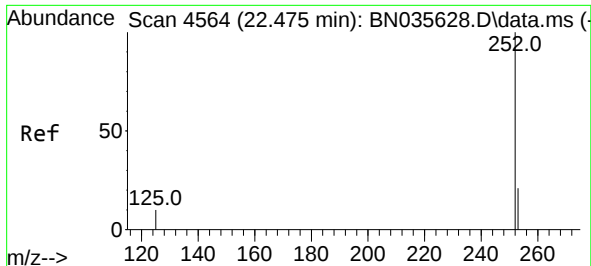


#24
Benzo(b)fluoranthene
Concen: 0.501 ng/ul m
RT: 22.443 min Scan# 4553
Delta R.T. 0.000 min
Lab File: BN035642.D
Acq: 17 Dec 2024 06:48



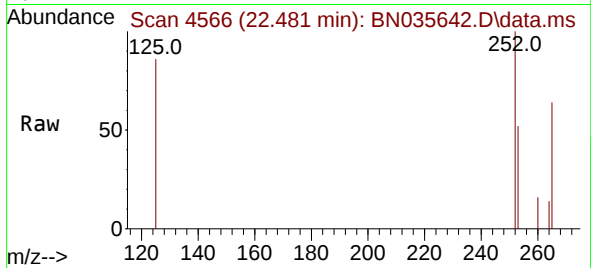
Tgt Ion:252 Resp: 13279
Ion Ratio Lower Upper
252 100
253 39.1 0.0 56.4
125 48.8 0.0 37.6





#25
Benzo(k)fluoranthene
Concen: 0.206 ng/ul m
RT: 22.481 min Scan# 4564
Delta R.T. 0.000 min
Lab File: BN035642.D
Acq: 17 Dec 2024 06:48

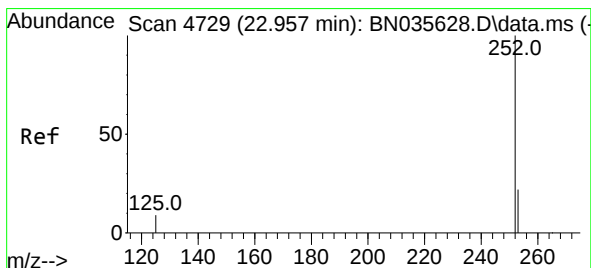
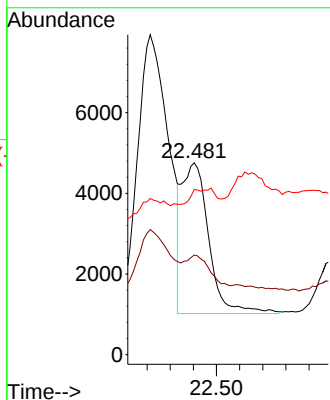
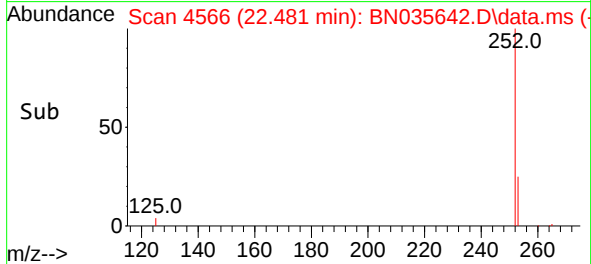
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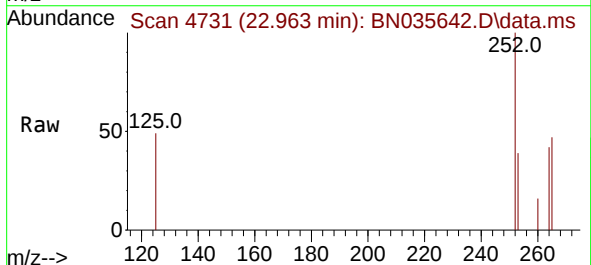
Tgt Ion:252 Resp: 605
Ion Ratio Lower Upper
252 100
253 52.0 22.1 33.1#
125 86.1 15.3 22.9#

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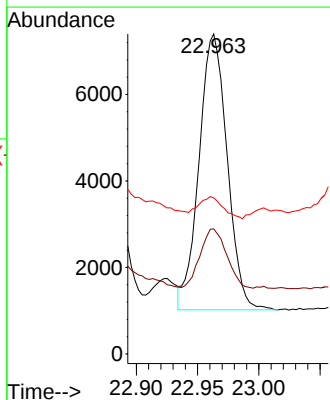
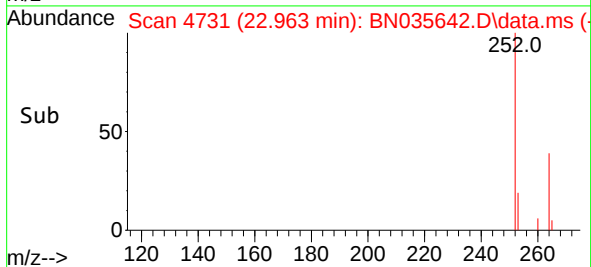
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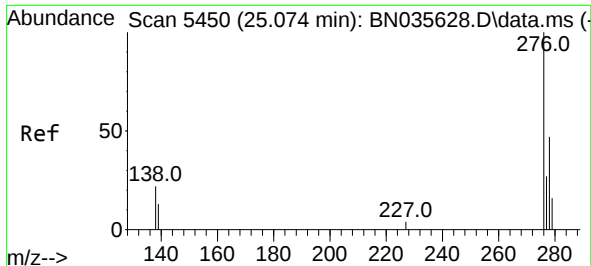


#26
Benzo(a)pyrene
Concen: 0.397 ng/ul
RT: 22.963 min Scan# 4731
Delta R.T. 0.000 min
Lab File: BN035642.D
Acq: 17 Dec 2024 06:48



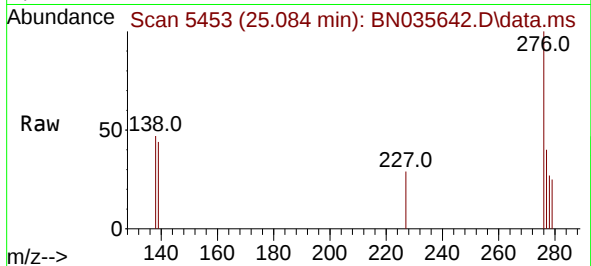
Tgt Ion:252 Resp: 10205
Ion Ratio Lower Upper
252 100
253 39.1 24.1 36.1#
125 48.8 19.1 28.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.253 ng/ul m
RT: 25.084 min Scan# 5450
Delta R.T. 0.004 min
Lab File: BN035642.D
Acq: 17 Dec 2024 06:48

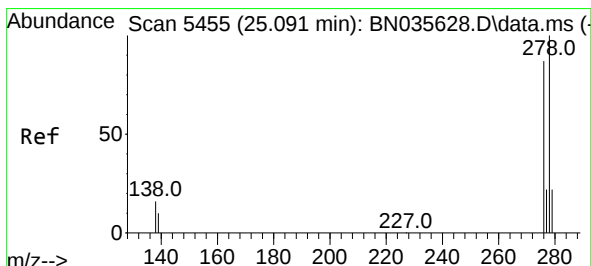
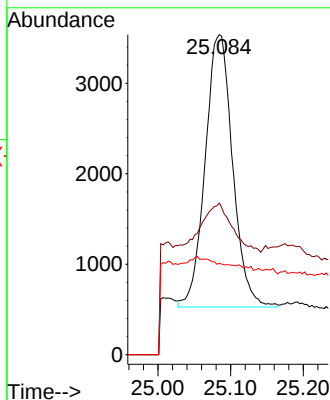
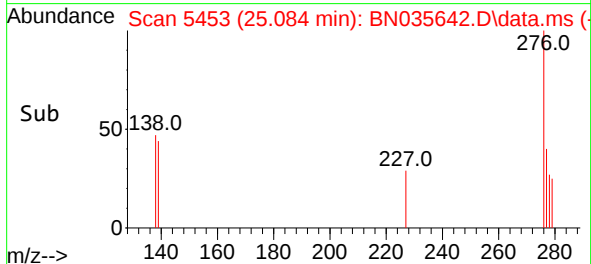
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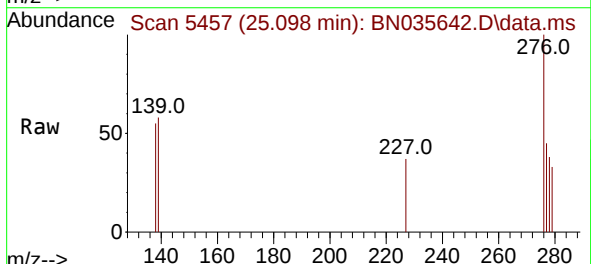
Tgt Ion:276 Resp: 790
Ion Ratio Lower Upper
276 100
138 248.4 14.7 22.1#
227 0.0 21.6 32.4#

Manual Integrations
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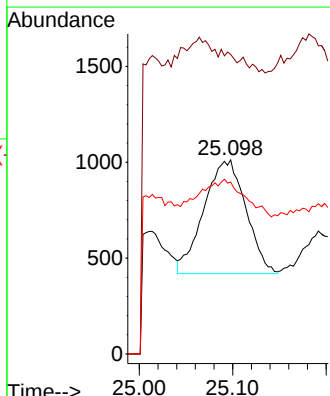
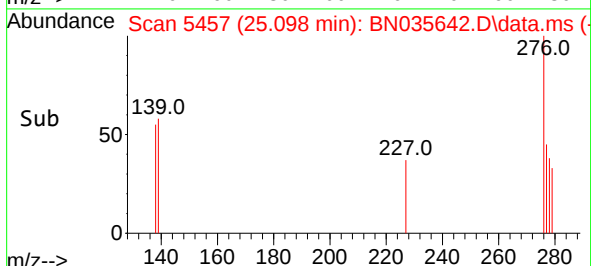
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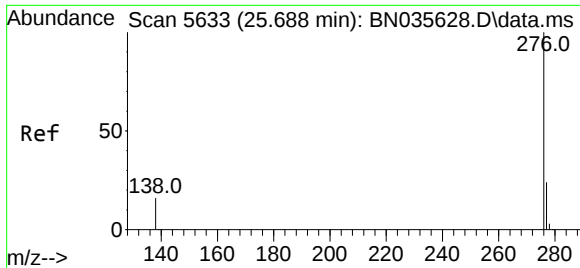


#28
Dibenzo(a,h)anthracene
Concen: 0.078 ng/ul m
RT: 25.098 min Scan# 5457
Delta R.T. -0.003 min
Lab File: BN035642.D
Acq: 17 Dec 2024 06:48



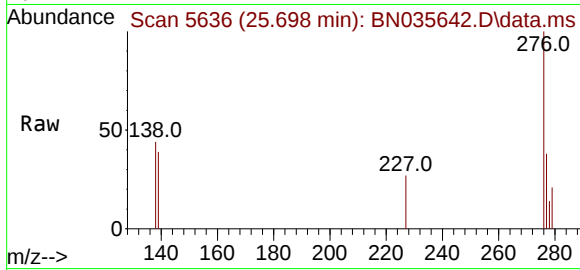
Tgt Ion:278 Resp: 1855
Ion Ratio Lower Upper
278 100
139 154.3 19.8 29.8#
279 88.5 24.0 36.0#





#29
Benzo(g,h,i)perylene
Concen: 0.323 ng/ul
RT: 25.698 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN035642.D
Acq: 17 Dec 2024 06:48

Instrument :
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ClientSampleId :
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Tgt Ion:	276	Resp:	811
Ion	Ratio	Lower	Upper
276	100		
138	43.9	19.6	29.4
277	38.3	21.6	32.4

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