

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN026016.D
 Acq On : 24 Jun 2023 21:40
 Operator : MA/JU
 Sample : 03085-09
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFP5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2023
 Supervised By :mohammad ahmed 06/25/2023

Quant Time: Jun 24 23:51:27 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	6580	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	21109	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.611	164	13214	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	28093	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	16757	0.400	ng/ul	0.00
23) Perylene-d12	24.010	264	14120	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	2637	0.356	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.380	152	784	0.024	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	1844	0.029	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.401	178	2163	0.023	ng/ul#	86
19) Fluoranthene	19.418	202	6335	0.071	ng/ul#	93
20) Pyrene	19.776	202	5437m	0.058	ng/ul	
21) Benzo(a)anthracene	21.528	228	2398	0.035	ng/ul#	82
22) Chrysene	21.581	228	3205	0.045	ng/ul#	82
24) Benzo(b)fluoranthene	23.264	252	4517m	0.075	ng/ul	
25) Benzo(k)fluoranthene	23.305	252	1637m	0.027	ng/ul	
26) Benzo(a)pyrene	23.910	252	2468	0.047	ng/ul#	7
27) Indeno(1,2,3-cd)pyrene	26.597	276	2484	0.043	ng/ul#	69
29) Benzo(g,h,i)perylene	27.402	276	2309	0.045	ng/ul#	56

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

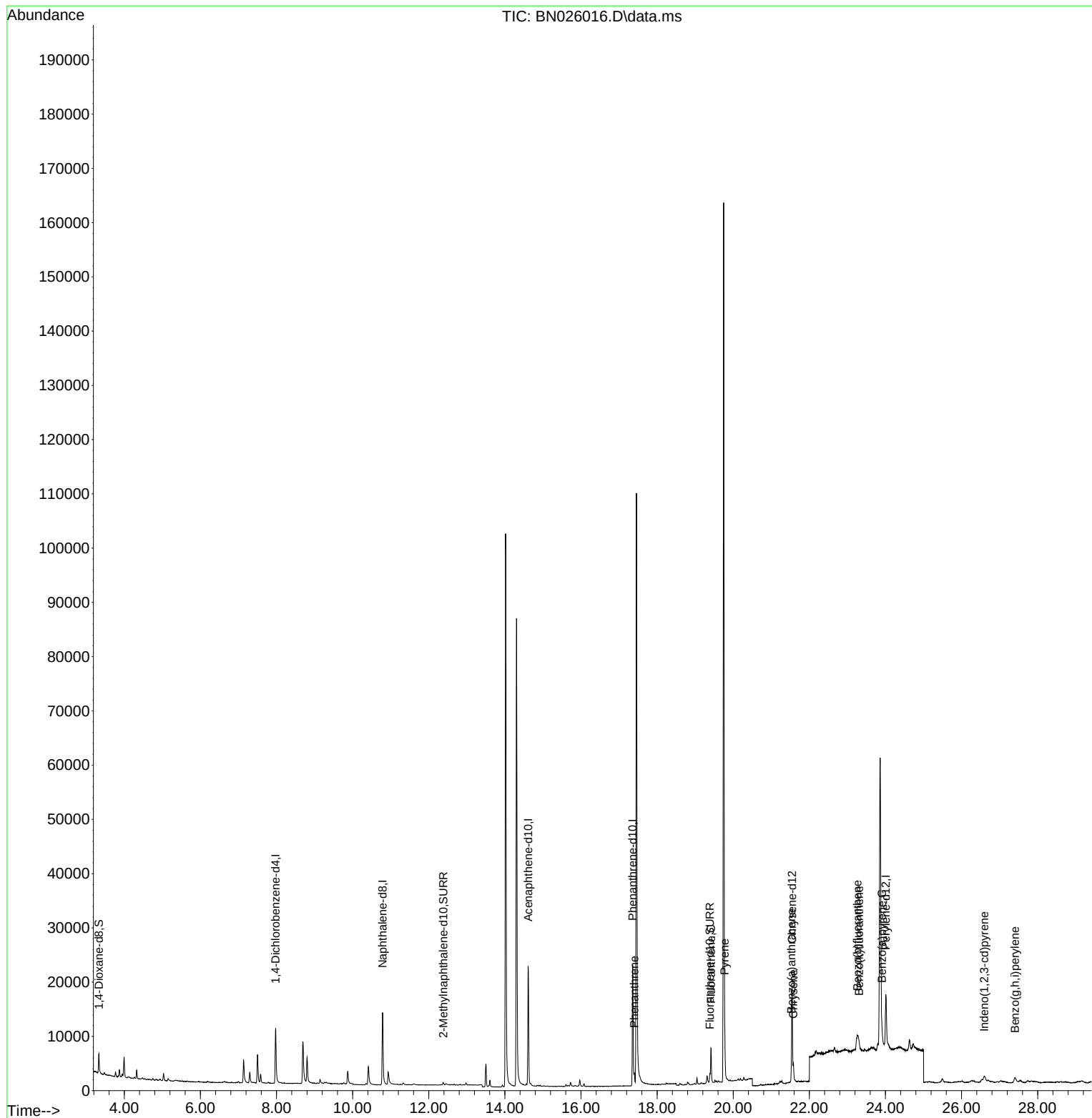
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN026016.D
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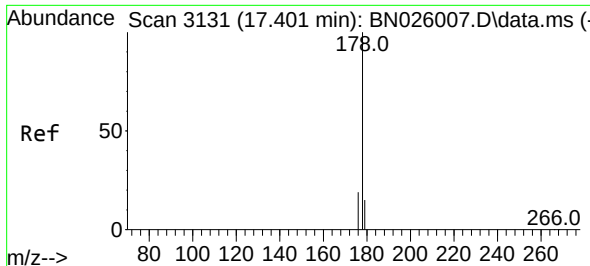
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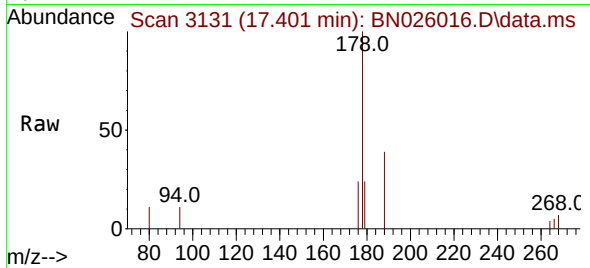
Quant Time: Jun 24 23:51:27 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#15
Phenanthrene
Concen: 0.023 ng/ul
RT: 17.401 min Scan# 3131
Delta R.T. -0.005 min
Lab File: BN026016.D
Acq: 24 Jun 2023 21:40

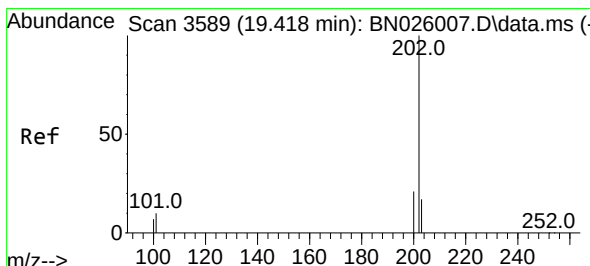
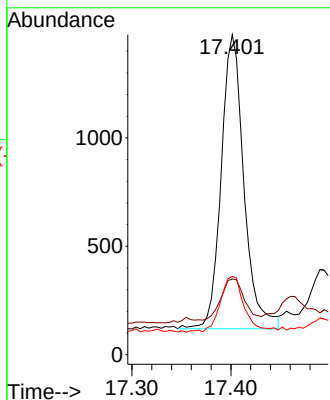
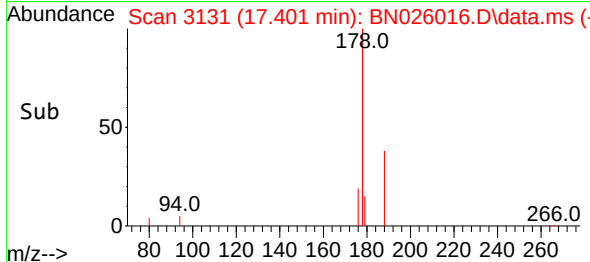
Instrument :
BNA_N
ClientSampleId :
DCFP5



Tgt Ion:178 Resp: 216
Ion Ratio Lower Upper
178 100
179 23.6 12.6 19.0
176 24.5 15.8 23.6

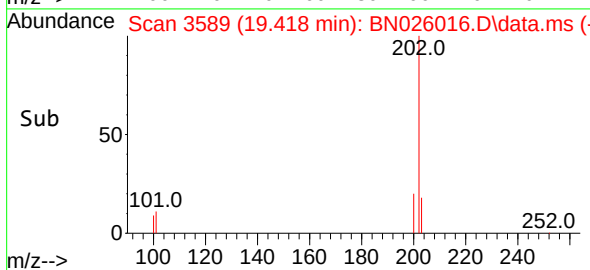
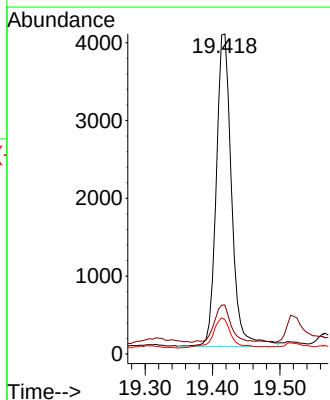
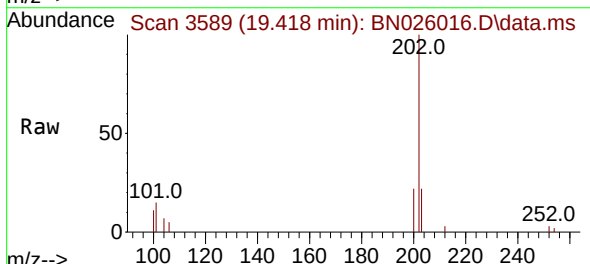
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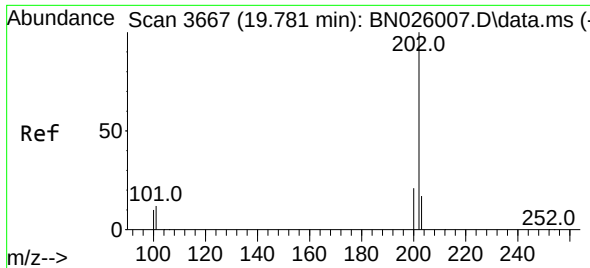
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#19
Fluoranthene
Concen: 0.071 ng/ul
RT: 19.418 min Scan# 3589
Delta R.T. -0.001 min
Lab File: BN026016.D
Acq: 24 Jun 2023 21:40

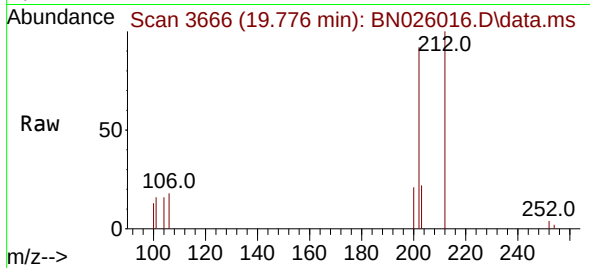
Tgt Ion:202 Resp: 6335
Ion Ratio Lower Upper
202 100
101 15.3 9.5 14.3
100 10.7 7.3 10.9





#20
Pyrene
Concen: 0.058 ng/ul m
RT: 19.776 min Scan# 3666
Delta R.T. -0.006 min
Lab File: BN026016.D
Acq: 24 Jun 2023 21:40

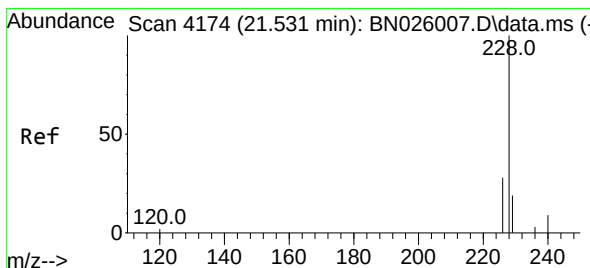
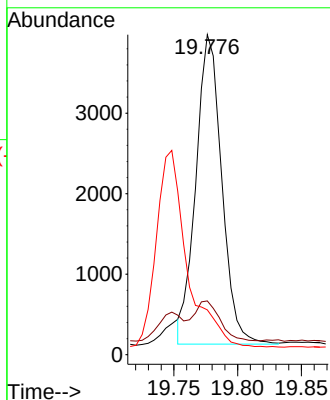
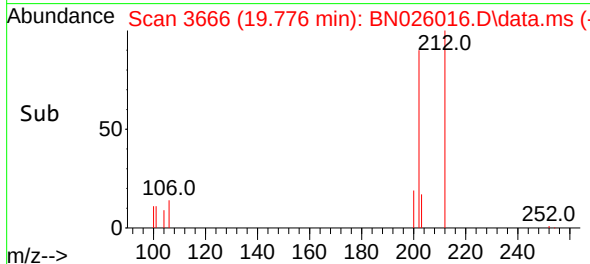
Instrument :
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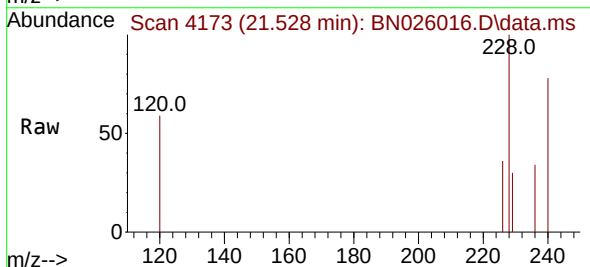
Tgt Ion:202 Resp: 543
Ion Ratio Lower Upper
202 100
101 16.8 11.4 17.0
100 14.0 9.1 13.7

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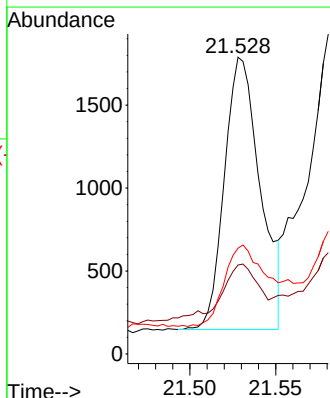
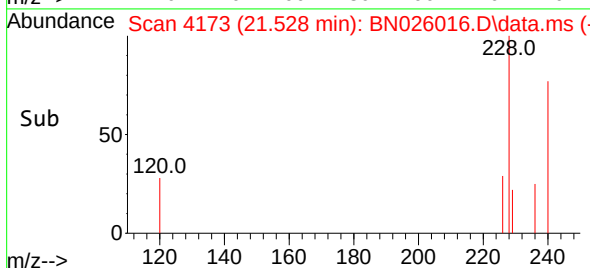
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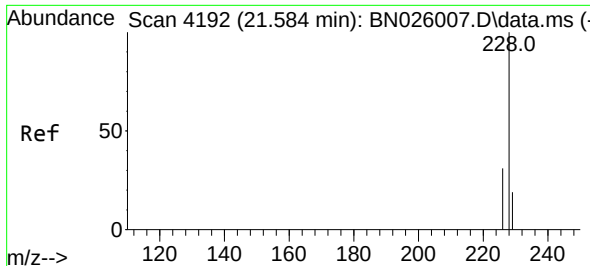


#21
Benzo(a)anthracene
Concen: 0.035 ng/ul
RT: 21.528 min Scan# 4173
Delta R.T. -0.004 min
Lab File: BN026016.D
Acq: 24 Jun 2023 21:40



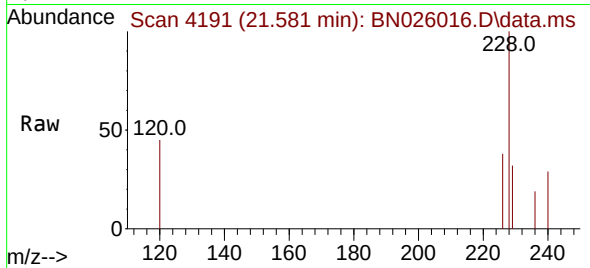
Tgt Ion:228 Resp: 2398
Ion Ratio Lower Upper
228 100
229 30.0 15.8 23.6#
226 35.6 22.5 33.7#





#22
Chrysene
Concen: 0.045 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. -0.004 min
Lab File: BN026016.D
Acq: 24 Jun 2023 21:40

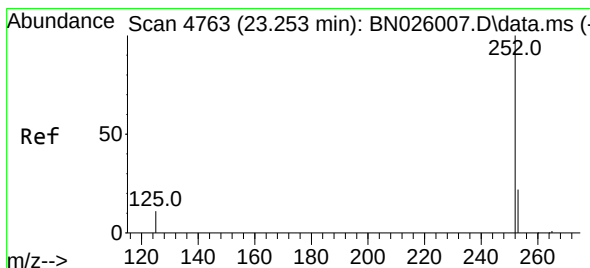
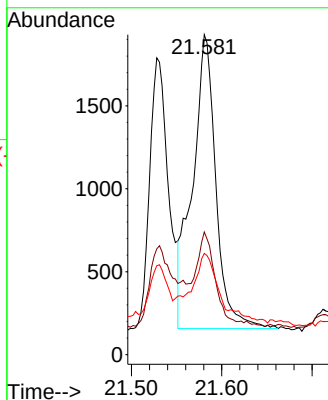
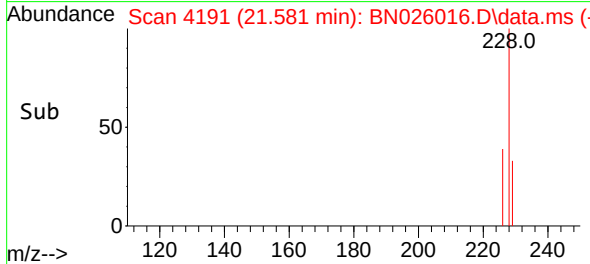
Instrument :
BNA_N
ClientSampleId :
DCFP5



Tgt Ion:228 Resp: 3209
Ion Ratio Lower Upper
228 100
226 38.4 24.8 37.2#
229 31.6 15.7 23.5#

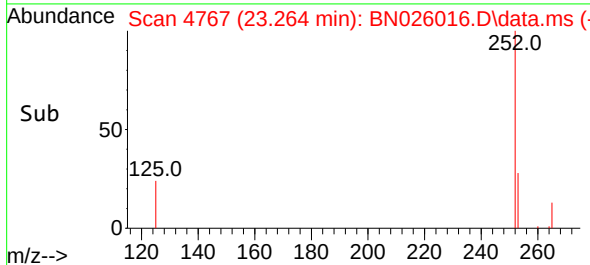
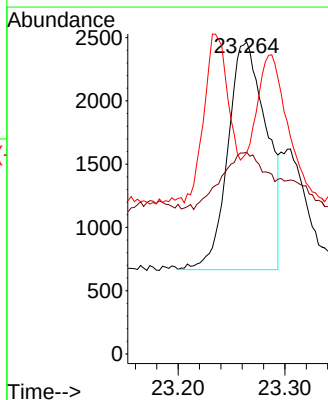
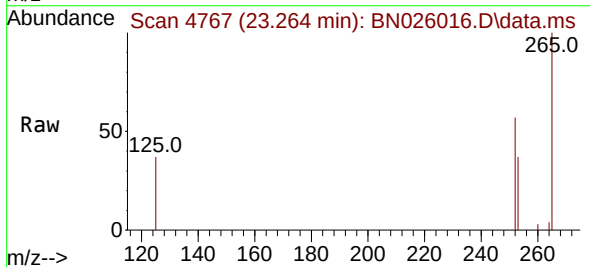
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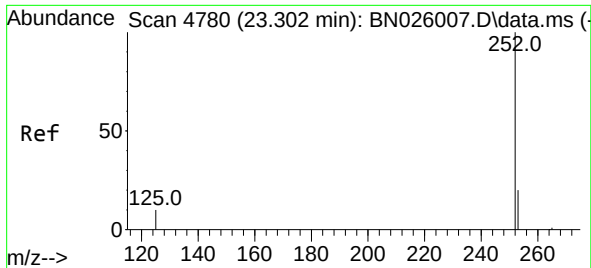
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#24
Benzo(b)fluoranthene
Concen: 0.075 ng/ul m
RT: 23.264 min Scan# 4767
Delta R.T. 0.008 min
Lab File: BN026016.D
Acq: 24 Jun 2023 21:40

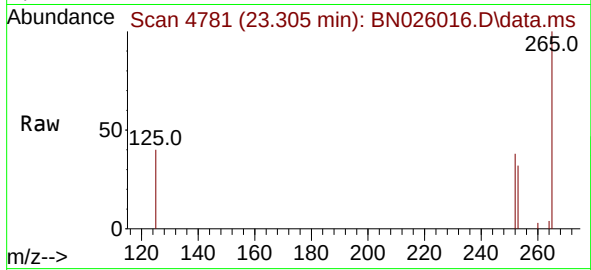
Tgt Ion:252 Resp: 4517
Ion Ratio Lower Upper
252 100
253 64.7 0.0 55.6#
125 64.6 0.0 35.8#





#25
Benzo(k)fluoranthene
Concen: 0.027 ng/ul m
RT: 23.305 min Scan# 4780
Delta R.T. -0.004 min
Lab File: BN026016.D
Acq: 24 Jun 2023 21:40

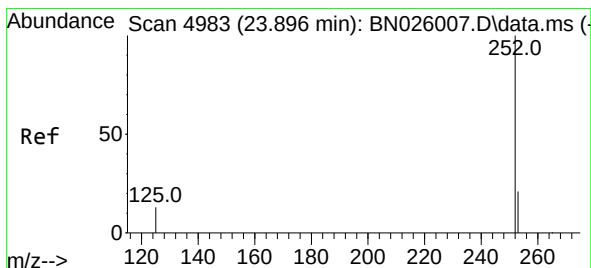
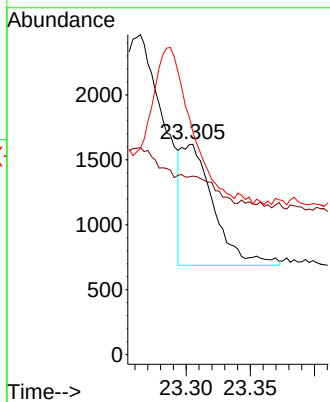
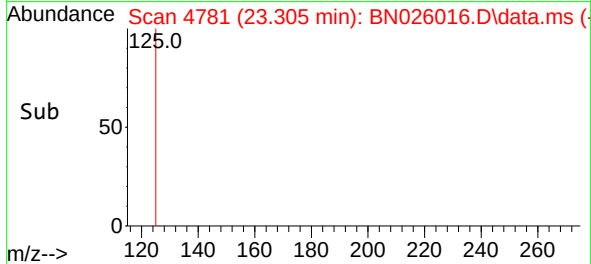
Instrument :
BNA_N
ClientSampleId :
DCFP5



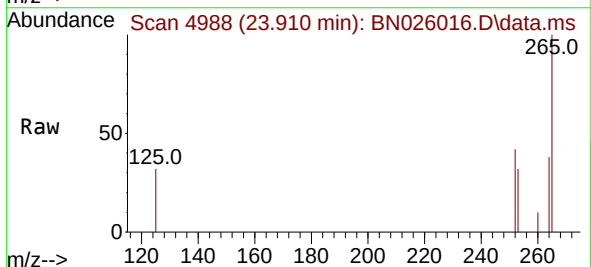
Tgt Ion:252 Resp: 163
Ion Ratio Lower Upper
252 100
253 84.9 23.2 34.8
125 105.8 15.0 22.4

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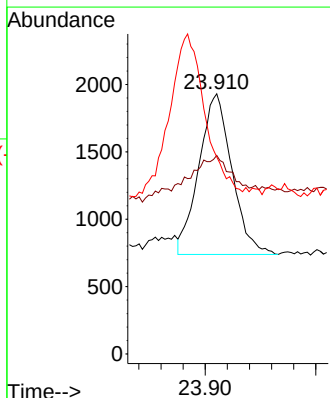
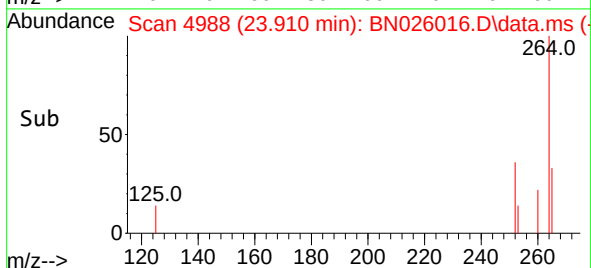
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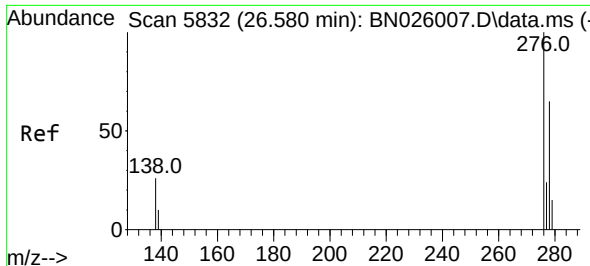


#26
Benzo(a)pyrene
Concen: 0.047 ng/ul
RT: 23.910 min Scan# 4988
Delta R.T. 0.002 min
Lab File: BN026016.D
Acq: 24 Jun 2023 21:40



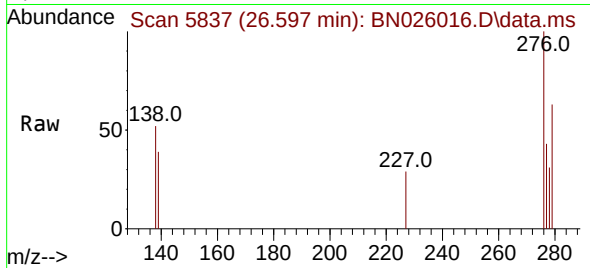
Tgt Ion:252 Resp: 2468
Ion Ratio Lower Upper
252 100
253 76.3 26.0 39.0#
125 75.7 17.3 25.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.043 ng/ul
RT: 26.597 min Scan# 5832
Delta R.T. 0.002 min
Lab File: BN026016.D
Acq: 24 Jun 2023 21:40

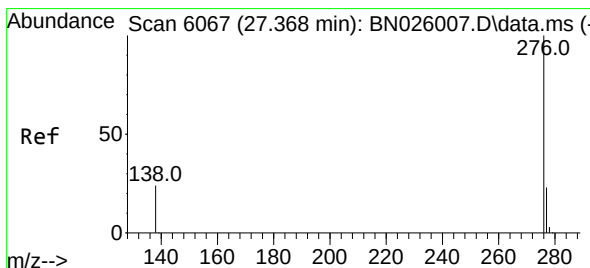
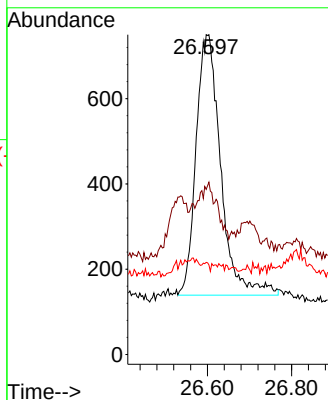
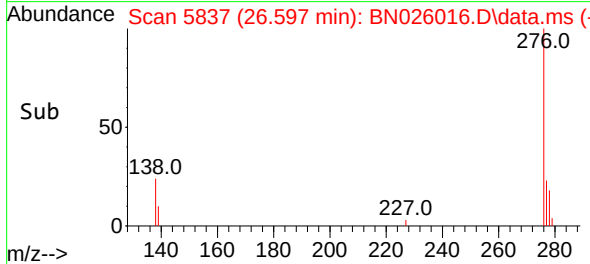
Instrument :
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Tgt Ion:276 Resp: 2484
Ion Ratio Lower Upper
276 100
138 47.5 24.5 36.7
227 1.1 0.0 0.0

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.045 ng/ul
RT: 27.402 min Scan# 6077
Delta R.T. 0.016 min
Lab File: BN026016.D
Acq: 24 Jun 2023 21:40

Tgt Ion:276 Resp: 2309
Ion Ratio Lower Upper
276 100
138 54.5 23.4 35.0#
277 45.4 20.0 30.0#

