

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026597.D
 Acq On : 20 Jul 2023 18:19
 Operator : MA/JU
 Sample : 03452-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 20 21:48:56 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 16:21:17 2023
 Response via : Initial Calibration

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

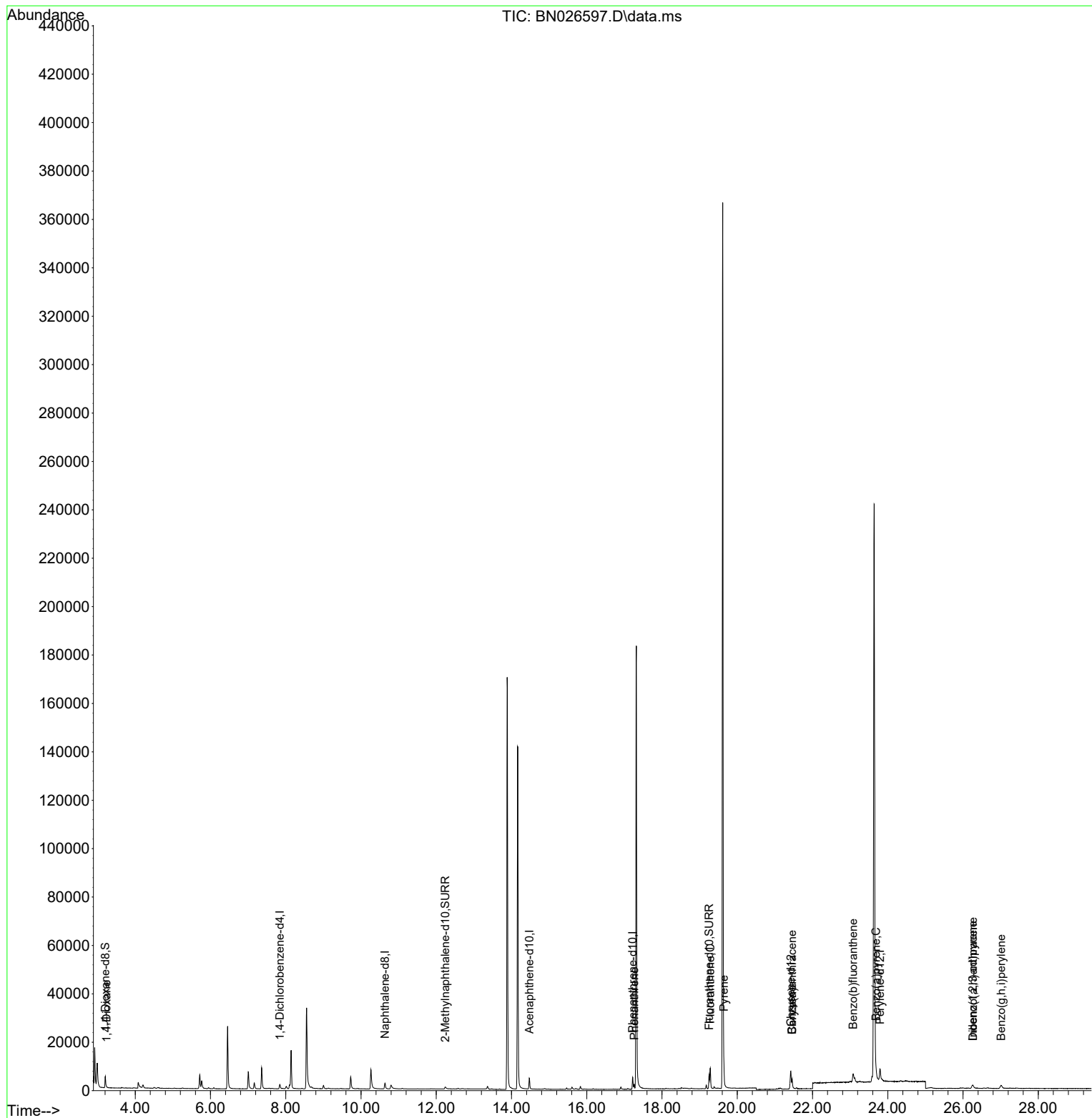
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.844	152	1250	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	3975	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.472	164	2723	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	6621	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.422	240	7010	0.400	ng/ul	# 0.00
23) Perylene-d12	23.793	264	7651	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	3438	2.088	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	1730	0.320	ng/ul	0.00
18) Fluoranthene-d10	19.250	212	6988	0.288	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.237	88	43	0.028	ng/ul#	1
15) Phenanthrene	17.261	178	2118	0.100	ng/ul	96
19) Fluoranthene	19.283	202	8404	0.256	ng/ul#	96
20) Pyrene	19.641	202	7984	0.224	ng/ul	96
21) Benzo(a)anthracene	21.457	228	4005	0.155	ng/ul	92
22) Chrysene	21.457	228	4109	0.140	ng/ul	94
24) Benzo(b)fluoranthene	23.079	252	8824	0.296	ng/ul	91
26) Benzo(a)pyrene	23.685	252	3358	0.127	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.254	276	3151	0.091	ng/ul#	73
28) Dibenzo(a,h)anthracene	26.264	278	665	0.025	ng/ul#	1
29) Benzo(g,h,i)perylene	27.012	276	3311	0.108	ng/ul#	91

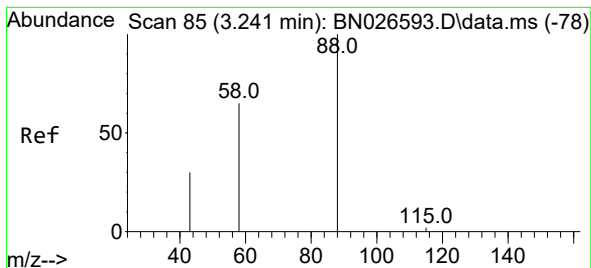
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
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QLast Update : Thu Jul 20 16:21:17 2023
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#2

1,4-Dioxane

Concen: 0.028 ng/ul

RT: 3.237 min Scan# 84

Delta R.T. -0.004 min

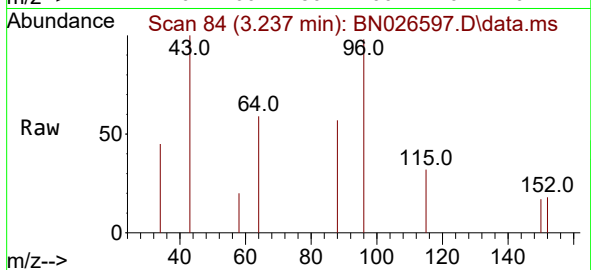
Lab File: BN026597.D

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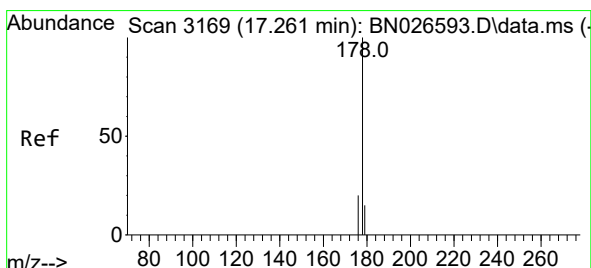
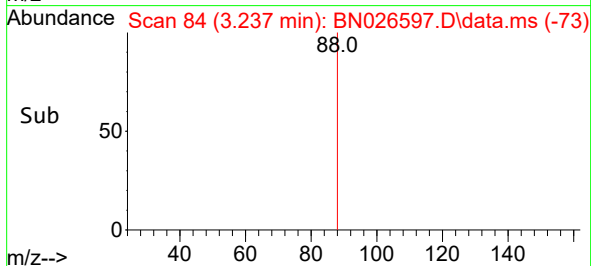
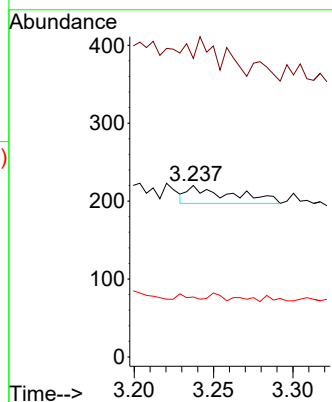
Tgt Ion: 88 Resp: 43

Ion Ratio Lower Upper

88 100

43 174.1 33.0 49.6#

58 35.0 41.7 62.5#



#15

Phenanthrene

Concen: 0.100 ng/ul

RT: 17.261 min Scan# 3169

Delta R.T. 0.000 min

Lab File: BN026597.D

Acq: 20 Jul 2023 18:19

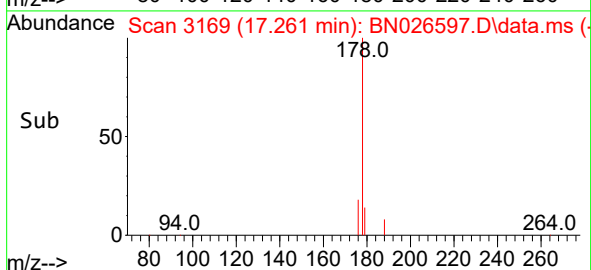
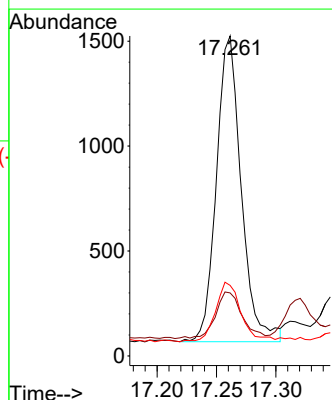
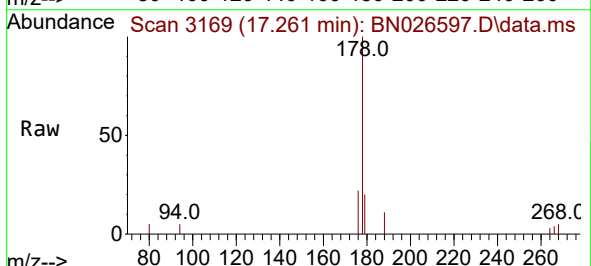
Tgt Ion: 178 Resp: 2118

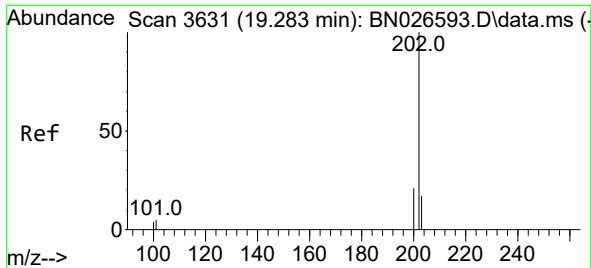
Ion Ratio Lower Upper

178 100

179 19.7 13.7 20.5

176 22.0 16.5 24.7

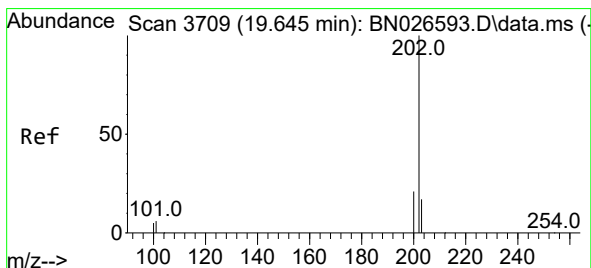
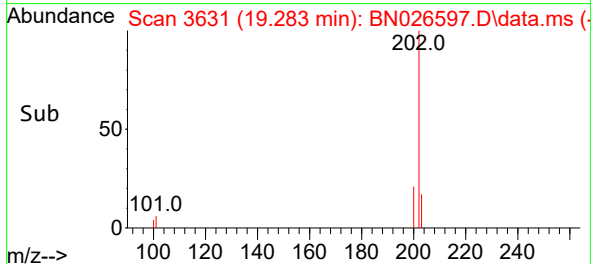
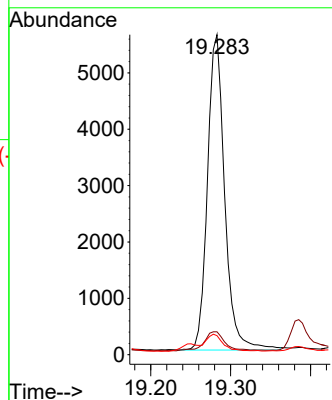
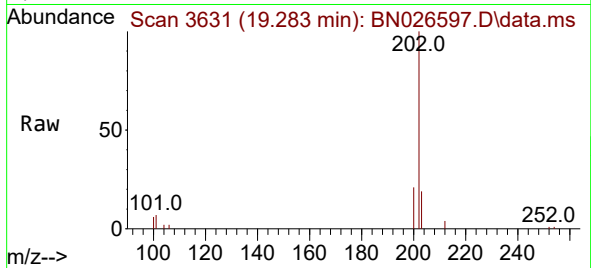




#19
Fluoranthene
Concen: 0.256 ng/ul
RT: 19.283 min Scan# 3631
Delta R.T. 0.000 min
Lab File: BN026597.D
Acq: 20 Jul 2023 18:19

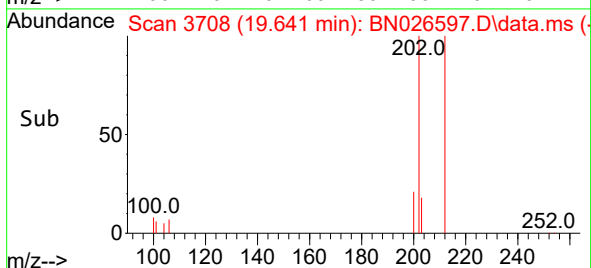
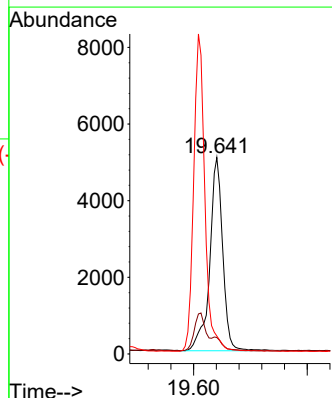
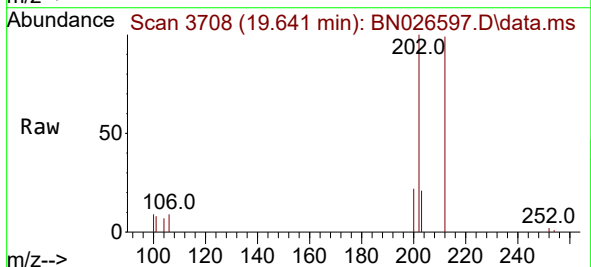
Instrument :
BNA_N
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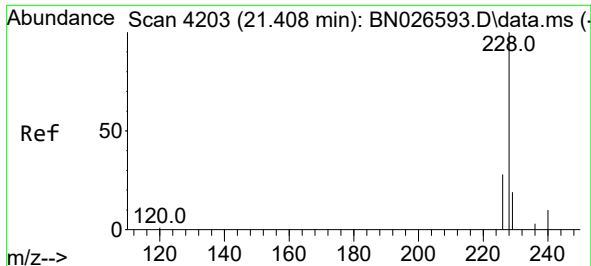
Tgt Ion:202 Resp: 8404
Ion Ratio Lower Upper
202 100
101 7.1 7.0 10.4
100 5.9 6.0 9.0#



#20
Pyrene
Concen: 0.224 ng/ul
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026597.D
Acq: 20 Jul 2023 18:19

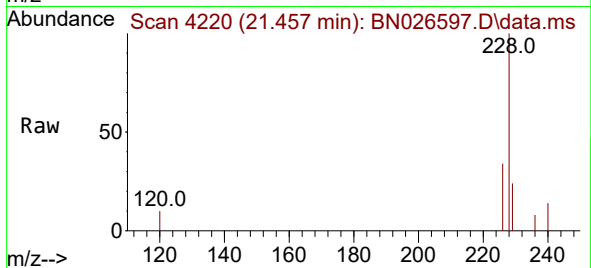
Tgt Ion:202 Resp: 7984
Ion Ratio Lower Upper
202 100
101 8.4 8.0 12.0
100 9.1 6.2 9.2



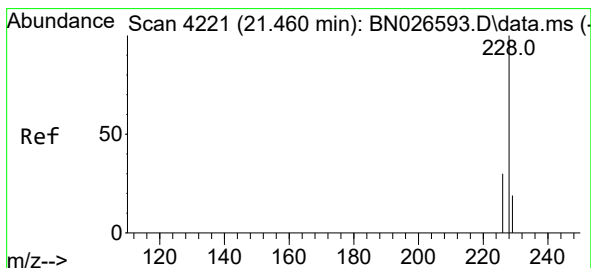
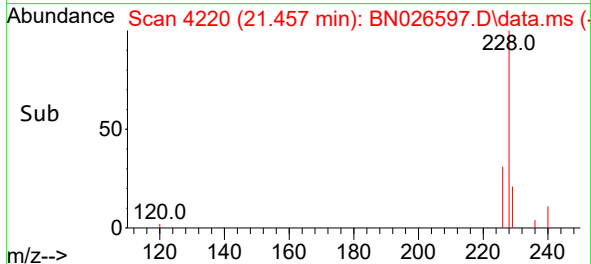
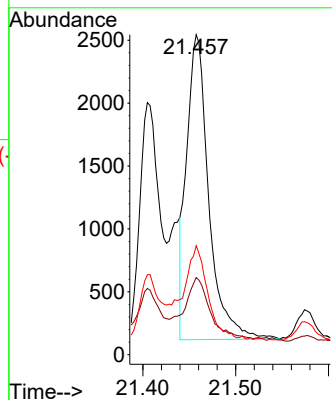


#21
Benzo(a)anthracene
Concen: 0.155 ng/ul
RT: 21.457 min Scan# 41
Delta R.T. 0.050 min
Lab File: BN026597.D
Acq: 20 Jul 2023 18:19

Instrument :
BNA_N
ClientSampleId :

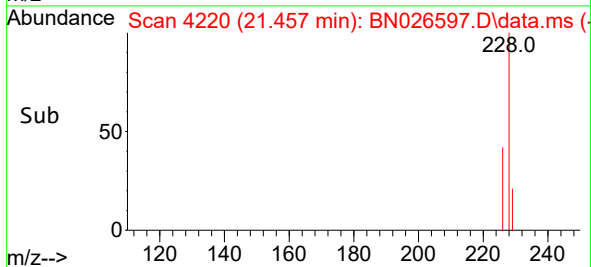
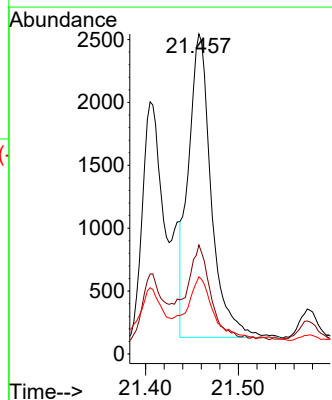
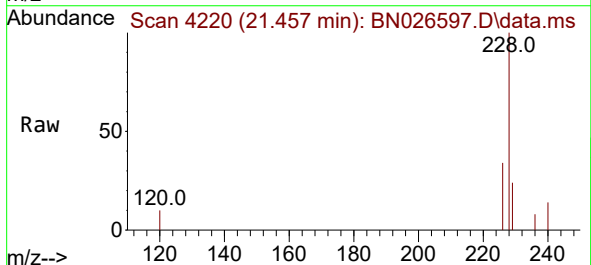


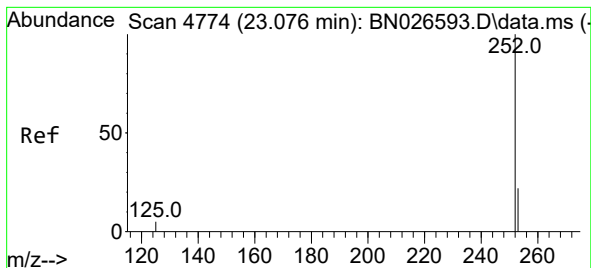
Tgt Ion:228 Resp: 4005
Ion Ratio Lower Upper
228 100
229 24.1 16.7 25.1
226 34.0 23.5 35.3



#22
Chrysene
Concen: 0.140 ng/ul
RT: 21.457 min Scan# 4220
Delta R.T. -0.003 min
Lab File: BN026597.D
Acq: 20 Jul 2023 18:19

Tgt Ion:228 Resp: 4109
Ion Ratio Lower Upper
228 100
226 34.0 25.2 37.8
229 24.1 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 0.296 ng/ul

RT: 23.079 min Scan# 41

Delta R.T. 0.003 min

Lab File: BN026597.D

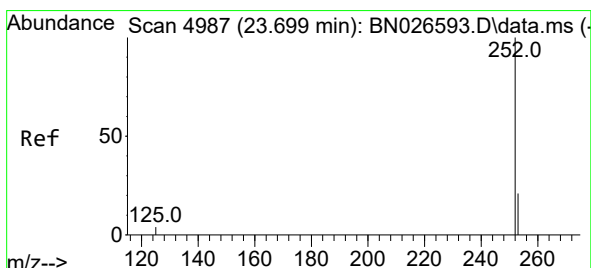
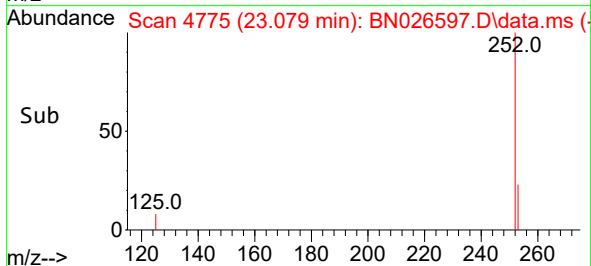
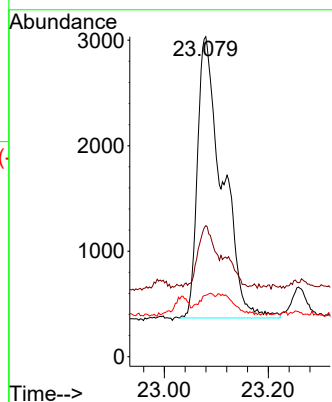
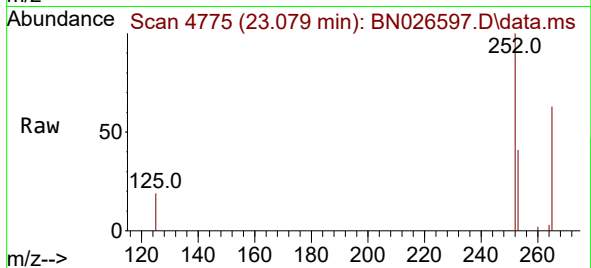
Acq: 20 Jul 2023 18:19

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:252	Resp:	8824
Ion Ratio	Lower	Upper
252	100	
253	40.9	0.0 68.6
125	19.2	0.0 34.0



#26

Benzo(a)pyrene

Concen: 0.127 ng/ul

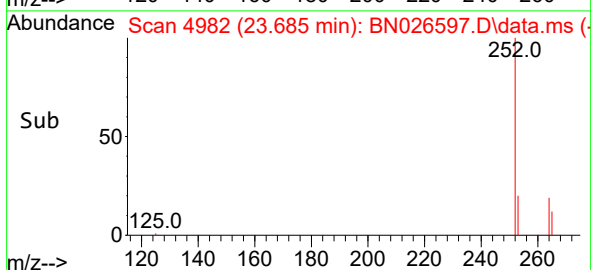
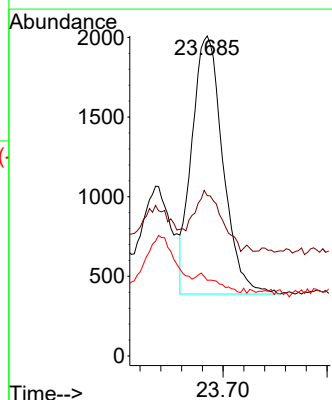
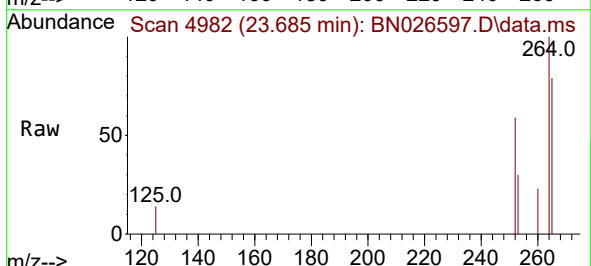
RT: 23.685 min Scan# 4982

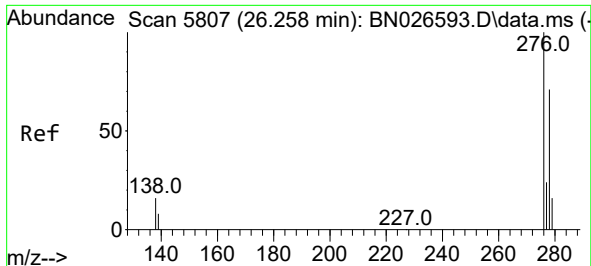
Delta R.T. -0.015 min

Lab File: BN026597.D

Acq: 20 Jul 2023 18:19

Tgt Ion:252	Resp:	3358
Ion Ratio	Lower	Upper
252	100	
253	50.1	32.6 49.0#
125	23.6	19.3 28.9

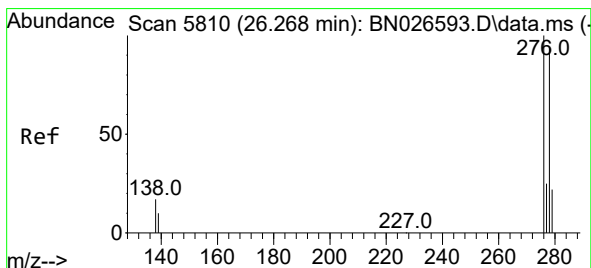
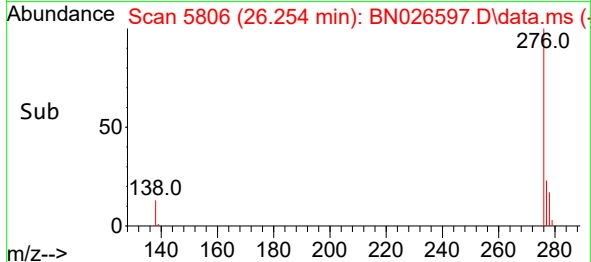
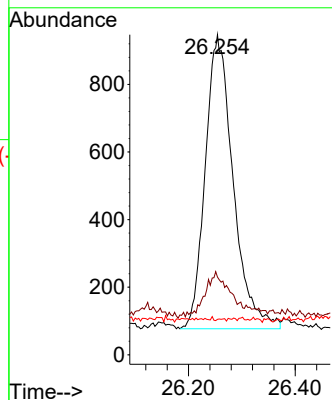
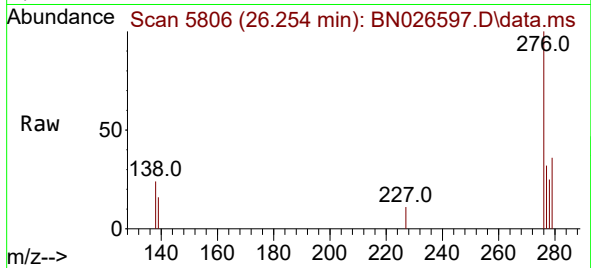




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.091 ng/ul
RT: 26.254 min Scan# 5806
Delta R.T. -0.003 min
Lab File: BN026597.D
Acq: 20 Jul 2023 18:19

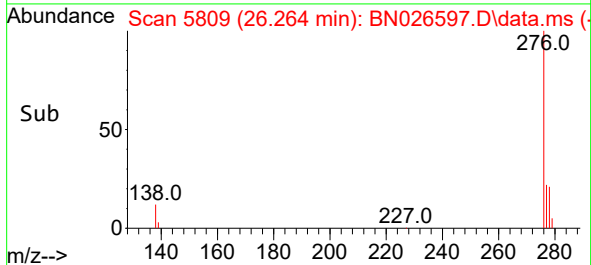
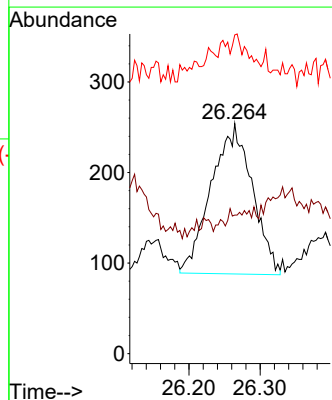
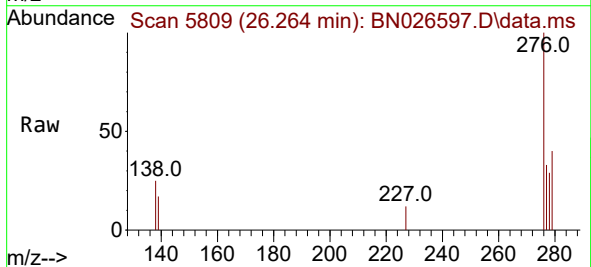
Instrument :
BNA_N
ClientSampleId :

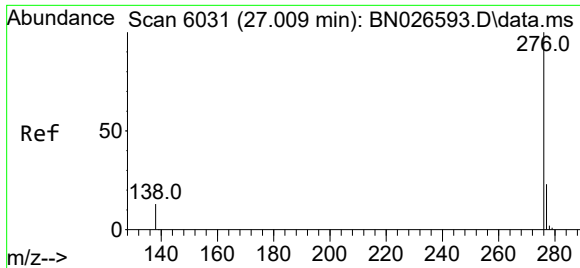
Tgt Ion:276 Resp: 3151
Ion Ratio Lower Upper
276 100
138 13.4 22.2 33.4#
227 0.1 0.1 0.1



#28
Dibenzo(a,h)anthracene
Concen: 0.025 ng/ul
RT: 26.264 min Scan# 5809
Delta R.T. -0.003 min
Lab File: BN026597.D
Acq: 20 Jul 2023 18:19

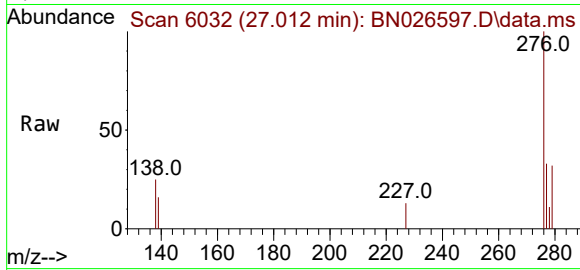
Tgt Ion:278 Resp: 665
Ion Ratio Lower Upper
278 100
139 60.2 18.9 28.3#
279 138.6 31.3 46.9#





#29
Benzo(g,h,i)perylene
Concen: 0.108 ng/ul
RT: 27.012 min Scan# 60
Delta R.T. 0.003 min
Lab File: BN026597.D
Acq: 20 Jul 2023 18:19

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	276	Resp:	3311
Ion	Ratio	Lower	Upper
276	100		
138	25.3	22.6	34.0
277	33.4	21.8	32.8#

