

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025997.D
 Acq On : 24 Jun 2023 09:34
 Operator : MA/JU
 Sample : 03085-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFP4

Quant Time: Jun 24 23:48:24 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)

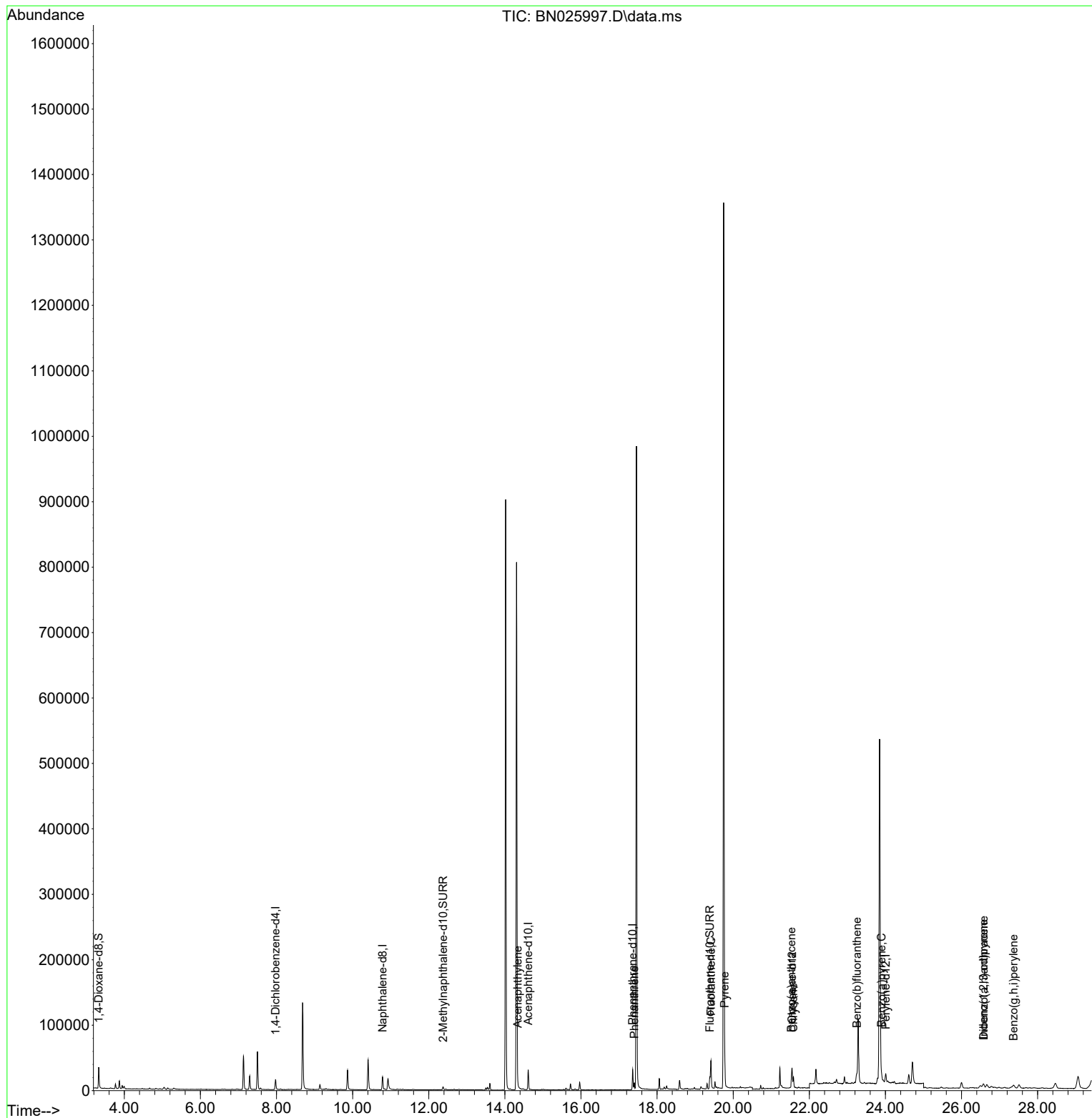
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	8868	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	28089	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.613	164	17346	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	37580	0.400	ng/ul	0.00
17) Chrysene-d12	21.547	240	23445	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	20617	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	21305	2.133	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.376	152	6745	0.156	ng/ul	0.00
18) Fluoranthene-d10	19.388	212	16449	0.184	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.335	152	2707	0.033	ng/ul#	85
15) Phenanthrene	17.403	178	11205	0.090	ng/ul	98
19) Fluoranthene	19.415	202	33982	0.271	ng/ul#	75
20) Pyrene	19.778	202	31213	0.240	ng/ul	94
21) Benzo(a)anthracene	21.530	228	13600	0.141	ng/ul#	88
22) Chrysene	21.582	228	18661	0.185	ng/ul#	89
24) Benzo(b)fluoranthene	23.254	252	32414	0.368	ng/ul#	50
26) Benzo(a)pyrene	23.895	252	13910	0.182	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	26.579	276	13294	0.159	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.585	278	2832	0.045	ng/ul#	5
29) Benzo(g,h,i)perylene	27.367	276	12370	0.167	ng/ul#	84

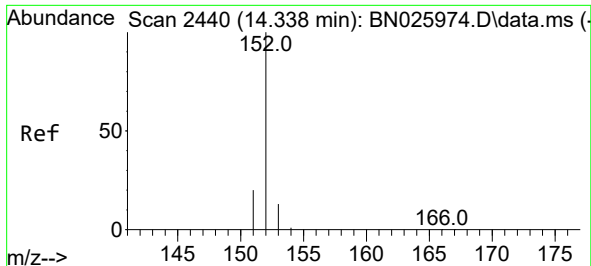
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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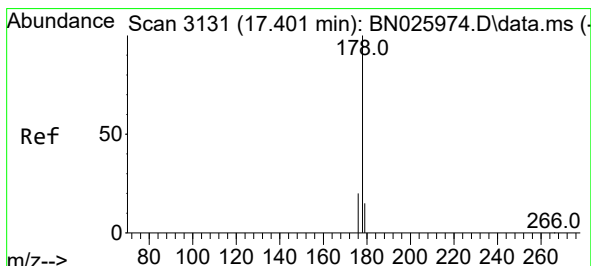
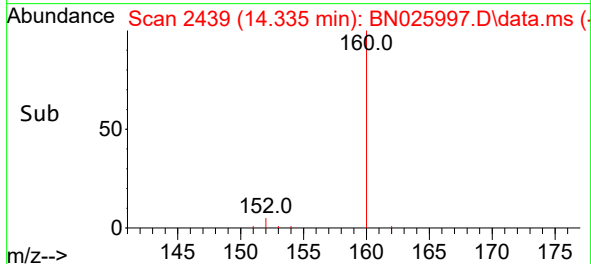
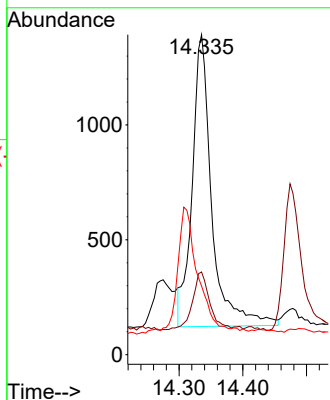
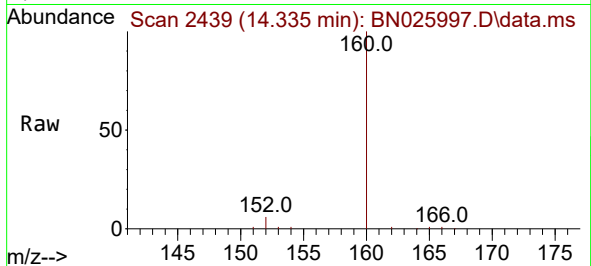




#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.335 min Scan# 2440
Delta R.T. -0.008 min
Lab File: BN025997.D
Acq: 24 Jun 2023 09:34

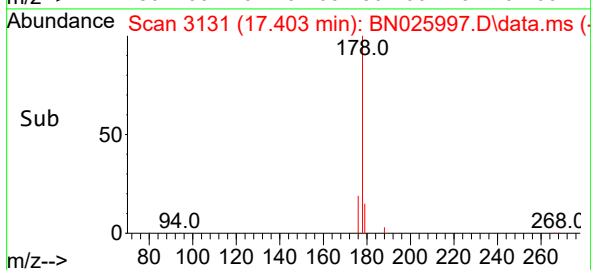
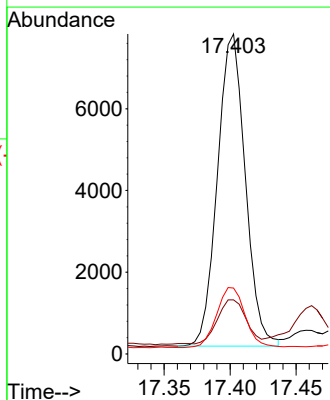
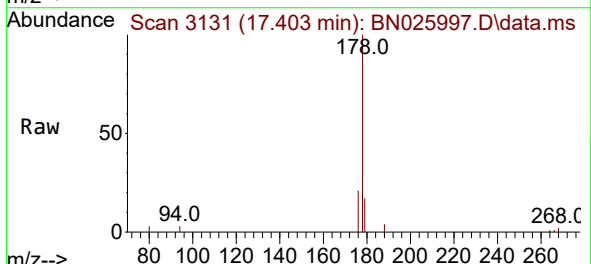
Instrument :
BNA_N
ClientSampleId :
DCFP4

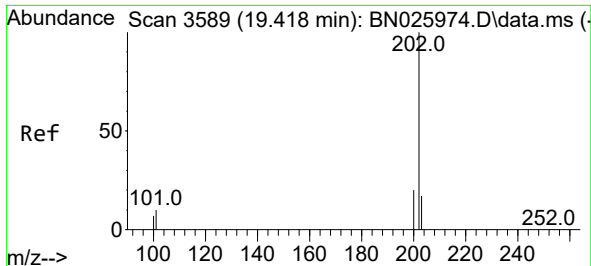
Tgt Ion:152 Resp: 2707
Ion Ratio Lower Upper
152 100
151 25.8 16.2 24.4#
153 21.5 10.9 16.3#



#15
Phenanthrene
Concen: 0.090 ng/ul
RT: 17.403 min Scan# 3131
Delta R.T. -0.003 min
Lab File: BN025997.D
Acq: 24 Jun 2023 09:34

Tgt Ion:178 Resp: 11205
Ion Ratio Lower Upper
178 100
179 16.9 12.6 19.0
176 20.6 15.8 23.6

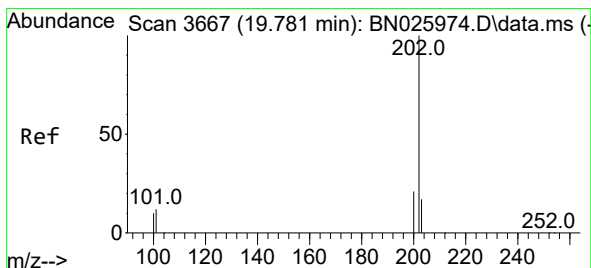
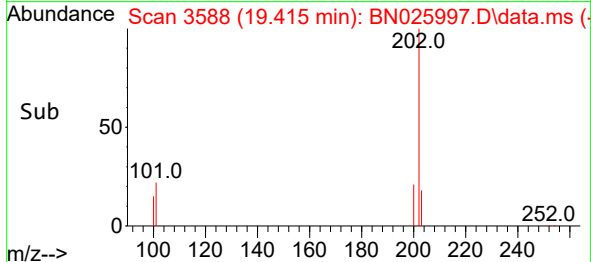
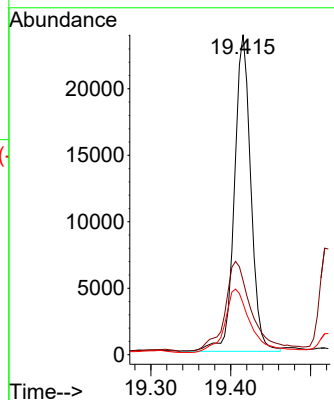
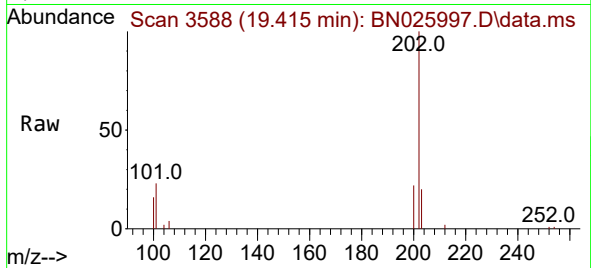




#19
Fluoranthene
Concen: 0.271 ng/ul
RT: 19.415 min Scan# 3588
Delta R.T. -0.004 min
Lab File: BN025997.D
Acq: 24 Jun 2023 09:34

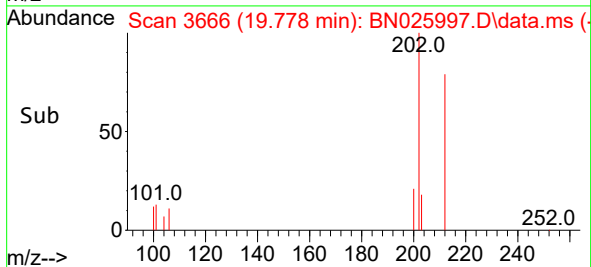
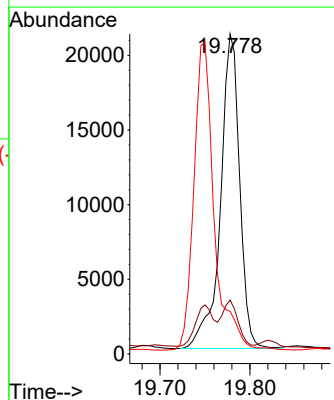
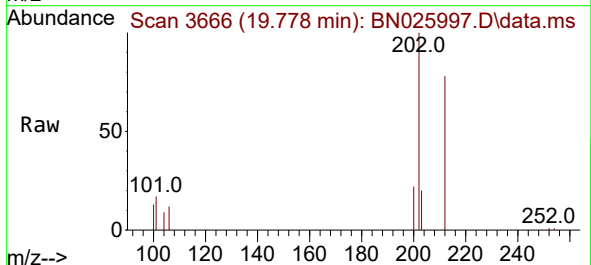
Instrument :
BNA_N
ClientSampleId :
DCFP4

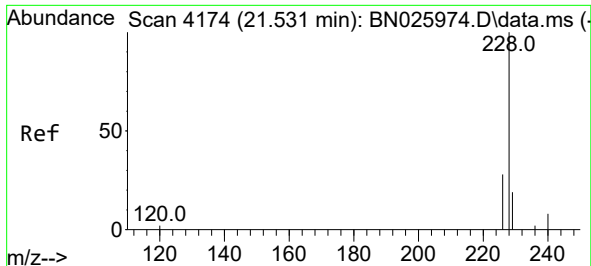
Tgt Ion:202 Resp: 33982
Ion Ratio Lower Upper
202 100
101 23.2 9.5 14.3#
100 16.0 7.3 10.9#



#20
Pyrene
Concen: 0.240 ng/ul
RT: 19.778 min Scan# 3666
Delta R.T. -0.004 min
Lab File: BN025997.D
Acq: 24 Jun 2023 09:34

Tgt Ion:202 Resp: 31213
Ion Ratio Lower Upper
202 100
101 16.8 11.4 17.0
100 13.3 9.1 13.7

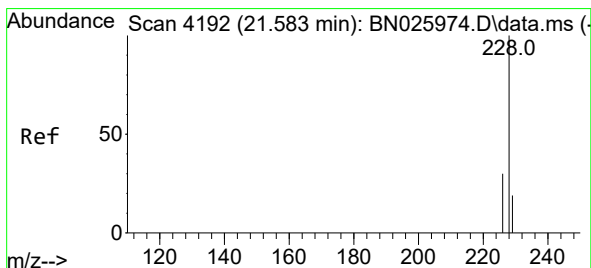
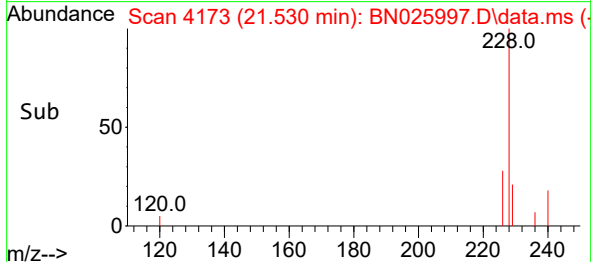
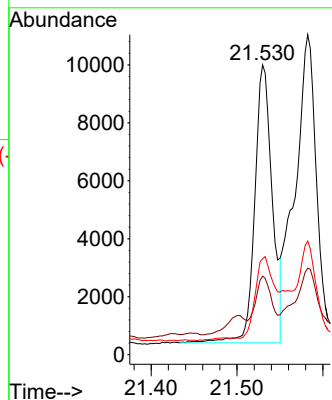
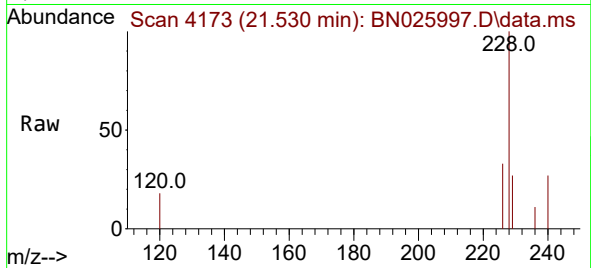




#21
Benzo(a)anthracene
Concen: 0.141 ng/ul
RT: 21.530 min Scan# 4174
Delta R.T. -0.002 min
Lab File: BN025997.D
Acq: 24 Jun 2023 09:34

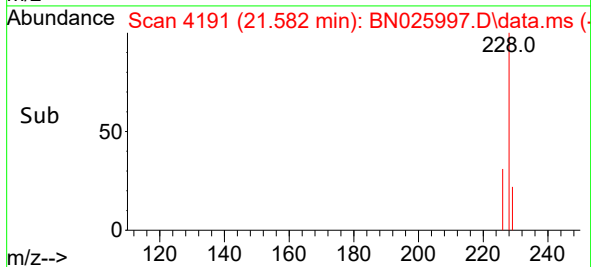
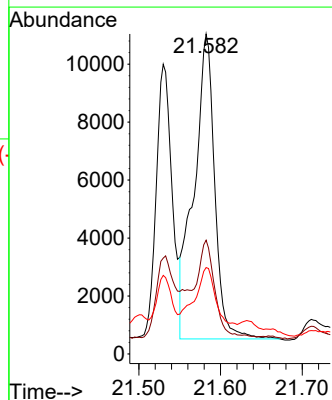
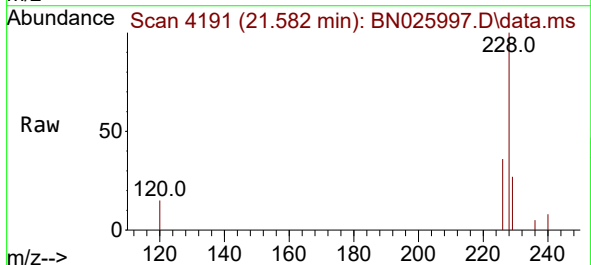
Instrument :
BNA_N
ClientSampleId :
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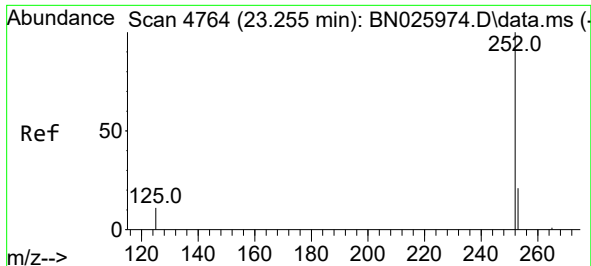
Tgt Ion:228 Resp: 13600
Ion Ratio Lower Upper
228 100
229 27.1 15.8 23.6#
226 33.1 22.5 33.7



#22
Chrysene
Concen: 0.185 ng/ul
RT: 21.582 min Scan# 4191
Delta R.T. -0.002 min
Lab File: BN025997.D
Acq: 24 Jun 2023 09:34

Tgt Ion:228 Resp: 18661
Ion Ratio Lower Upper
228 100
226 35.6 24.8 37.2
229 27.0 15.7 23.5#

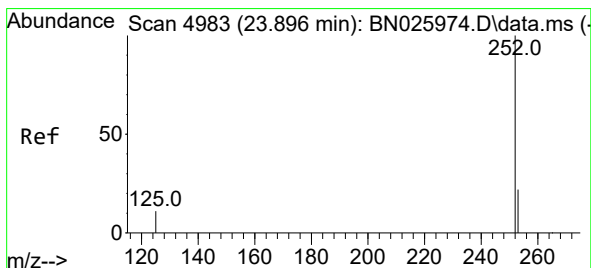
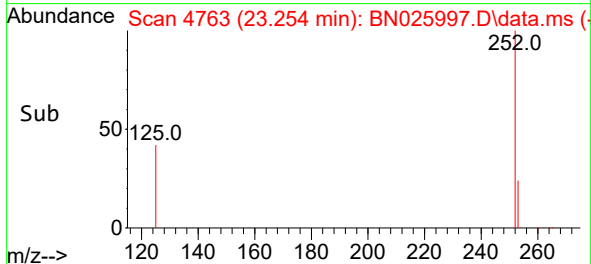
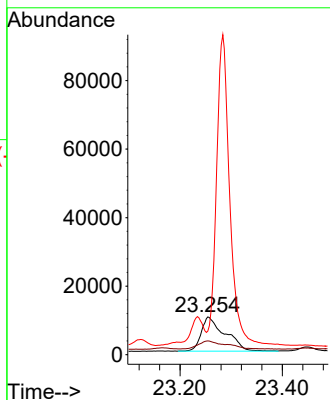
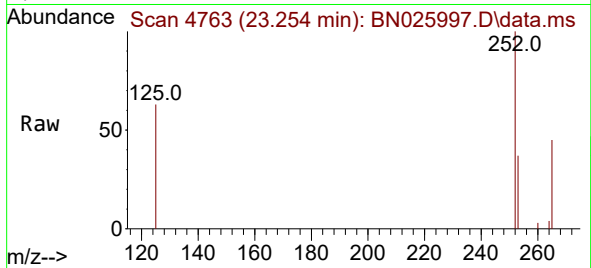




#24
Benzo(b)fluoranthene
Concen: 0.368 ng/ul
RT: 23.254 min Scan# 41
Delta R.T. -0.002 min
Lab File: BN025997.D
Acq: 24 Jun 2023 09:34

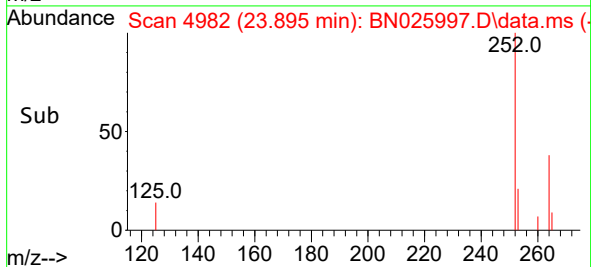
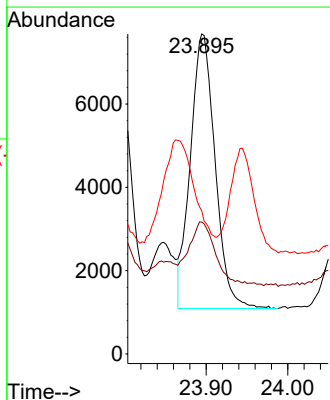
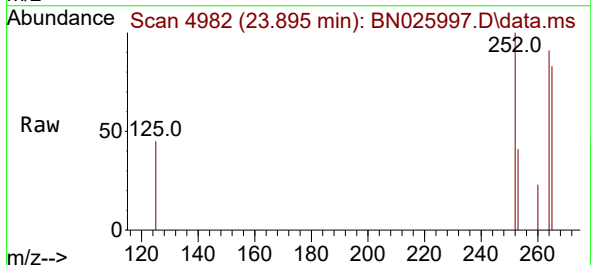
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BNA_N
ClientSampleId :
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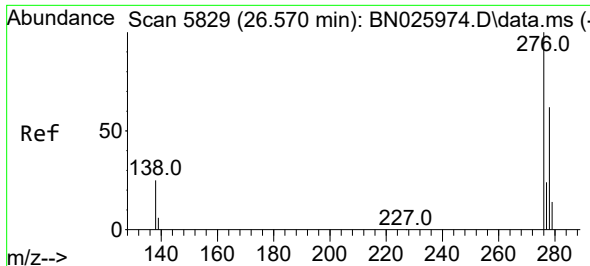
Tgt Ion:252 Resp: 32414
Ion Ratio Lower Upper
252 100
253 36.7 0.0 55.6
125 62.6 0.0 35.8#



#26
Benzo(a)pyrene
Concen: 0.182 ng/ul
RT: 23.895 min Scan# 4982
Delta R.T. -0.014 min
Lab File: BN025997.D
Acq: 24 Jun 2023 09:34

Tgt Ion:252 Resp: 13910
Ion Ratio Lower Upper
252 100
253 41.3 26.0 39.0#
125 44.8 17.3 25.9#

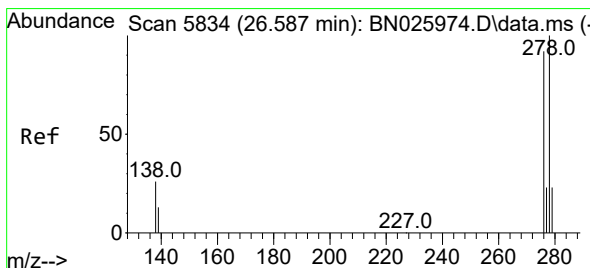
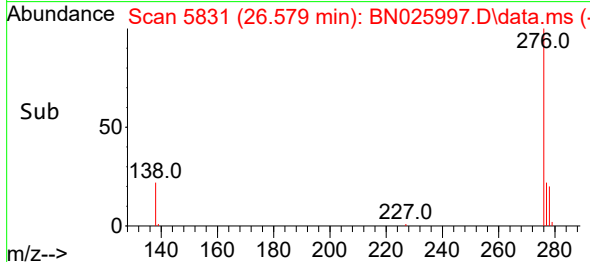
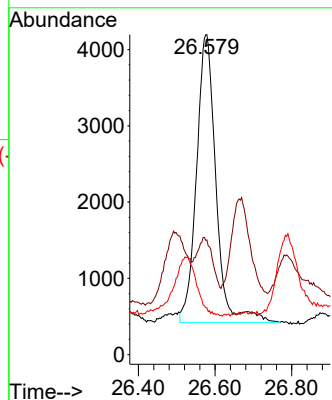
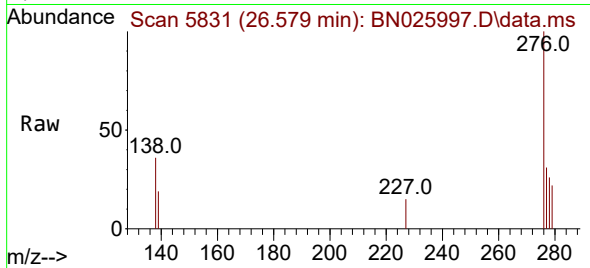




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.159 ng/ul
 RT: 26.579 min Scan# 5831
 Delta R.T. -0.016 min
 Lab File: BN025997.D
 Acq: 24 Jun 2023 09:34

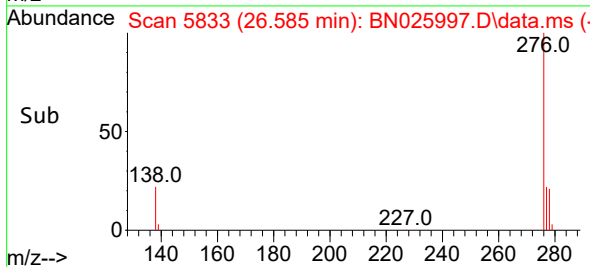
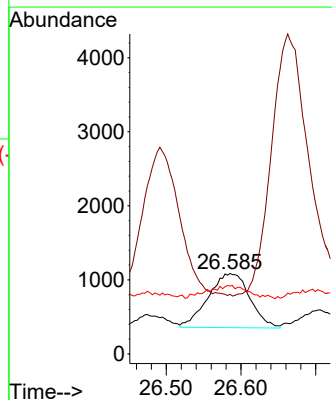
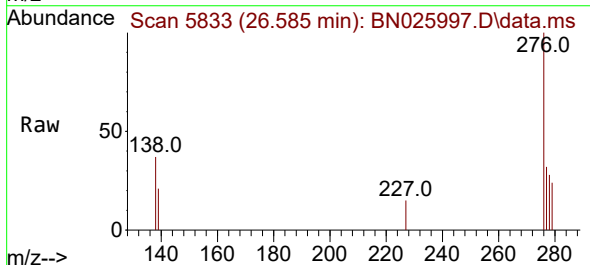
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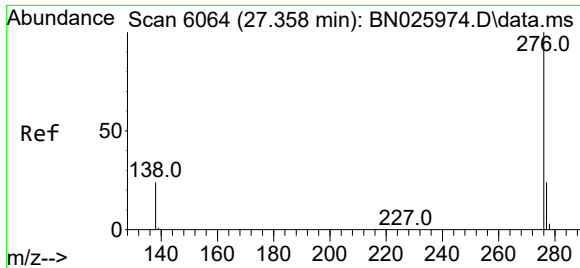
Tgt Ion:276 Resp: 13294
 Ion Ratio Lower Upper
 276 100
 138 0.0 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.045 ng/ul
 RT: 26.585 min Scan# 5833
 Delta R.T. -0.036 min
 Lab File: BN025997.D
 Acq: 24 Jun 2023 09:34

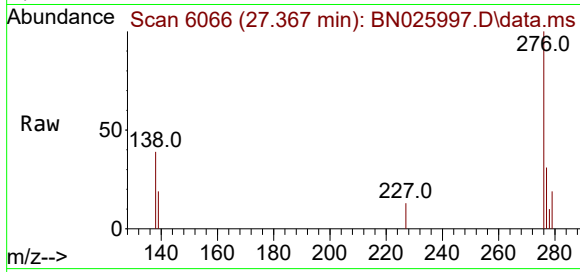
Tgt Ion:278 Resp: 2832
 Ion Ratio Lower Upper
 278 100
 139 74.1 19.0 28.4#
 279 84.6 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.167 ng/ul
 RT: 27.367 min Scan# 6066
 Delta R.T. -0.019 min
 Lab File: BN025997.D
 Acq: 24 Jun 2023 09:34

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:276 Resp: 12370

Ion	Ratio	Lower	Upper
276	100		
138	39.4	23.4	35.0#
277	31.2	20.0	30.0#

