

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026951.D
 Acq On : 18 Aug 2023 09:24
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4389

Quant Time: Aug 18 10:00:50 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 00:50:05 2023
 Response via : Initial Calibration

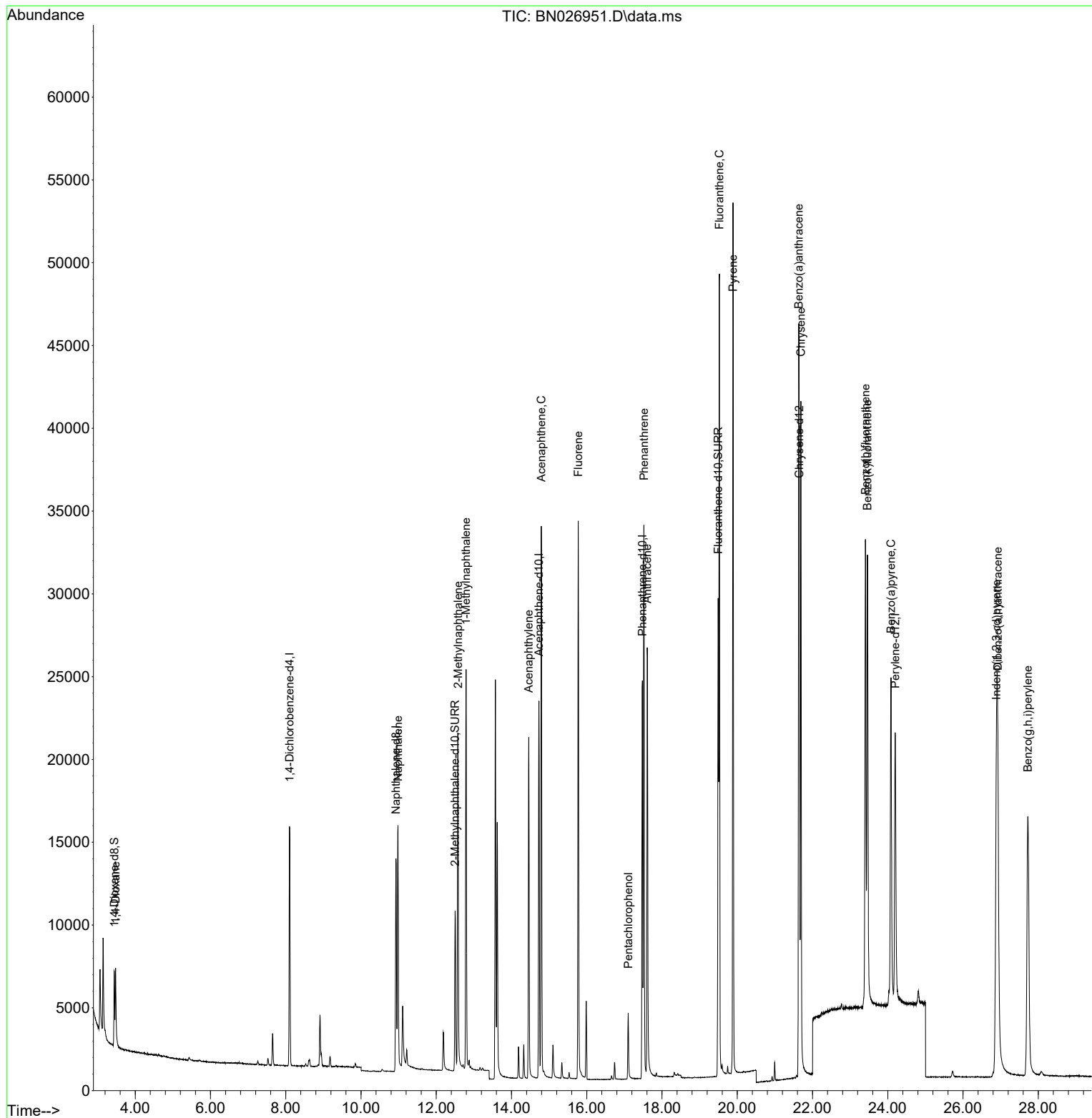
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	7431	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	19901	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	13124	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.477	188	29530	0.400	ng/ul	0.00
17) Chrysene-d12	21.650	240	25243	0.400	ng/ul	-0.01
23) Perylene-d12	24.196	264	25944	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.443	96	3589	0.407	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	13455	0.459	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	33171	0.416	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.477	88	3529	0.392	ng/ul	93
5) Naphthalene	10.982	128	21590	0.384	ng/ul	99
7) 2-Methylnaphthalene	12.577	142	15676	0.460	ng/ul	100
8) 1-Methylnaphthalene	12.792	142	16764	0.470	ng/ul	99
10) Acenaphthylene	14.458	152	24410	0.332	ng/ul	99
11) Acenaphthene	14.791	153	19335	0.380	ng/ul	99
12) Fluorene	15.772	166	22056	0.383	ng/ul	100
14) Pentachlorophenol	17.101	266	2824	0.338	ng/ul	99
15) Phenanthrene	17.519	178	36507	0.376	ng/ul	100
16) Anthracene	17.608	178	31061	0.354	ng/ul	100
19) Fluoranthene	19.525	202	42740	0.408	ng/ul	99
20) Pyrene	19.887	202	44402	0.397	ng/ul	98
21) Benzo(a)anthracene	21.633	228	37342	0.372	ng/ul	99
22) Chrysene	21.691	228	39483	0.398	ng/ul	99
24) Benzo(b)fluoranthene	23.407	252	42376	0.432	ng/ul	99
25) Benzo(k)fluoranthene	23.460	252	41736	0.431	ng/ul	97
26) Benzo(a)pyrene	24.085	252	36171	0.408	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.885	276	46890	0.405	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.922	278	36214	0.392	ng/ul	99
29) Benzo(g,h,i)perylene	27.723	276	40728	0.422	ng/ul	99

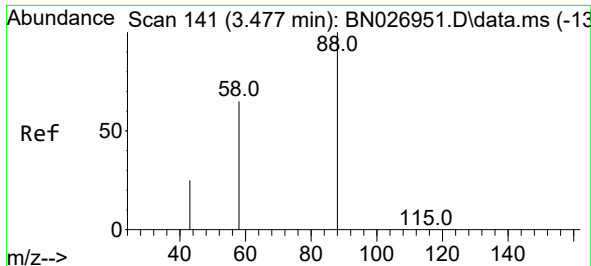
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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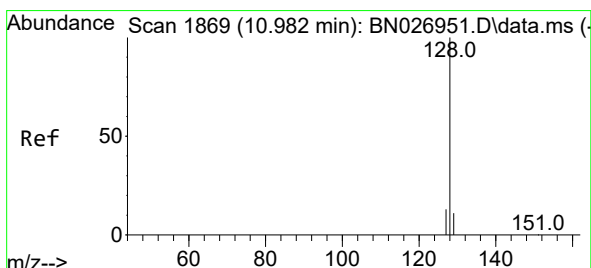
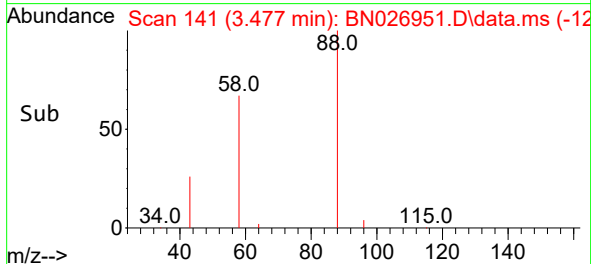
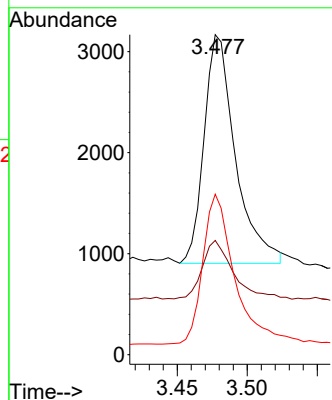
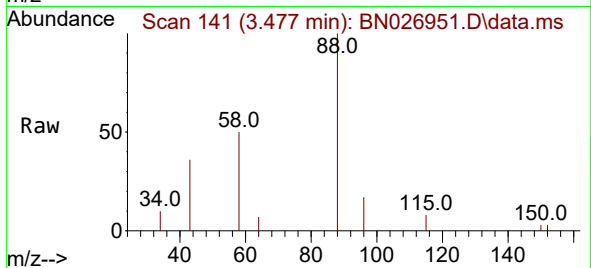




#2
1,4-Dioxane
Concen: 0.392 ng/ul
RT: 3.477 min Scan# 141
Delta R.T. 0.004 min
Lab File: BN026951.D
Acq: 18 Aug 2023 09:24

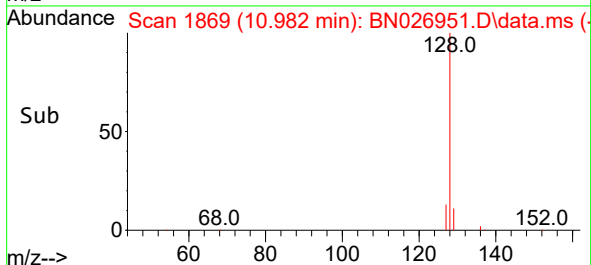
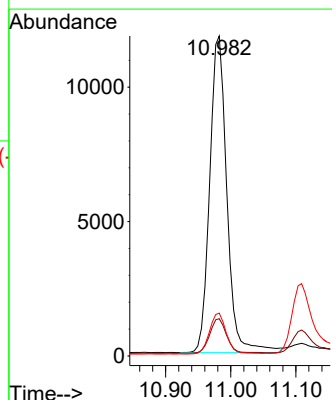
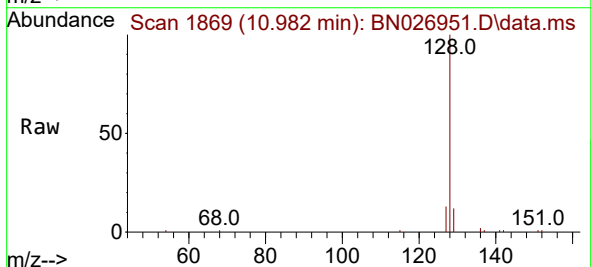
Instrument :
BNA_N
ClientSampleId :
SSTD0.4389

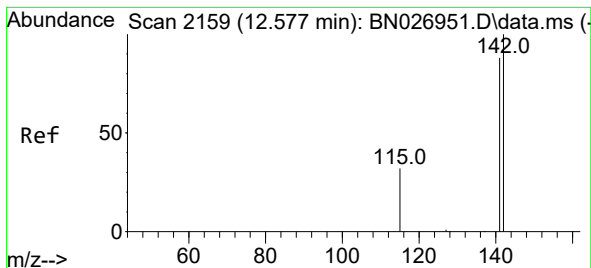
Tgt Ion: 88 Resp: 3529
Ion Ratio Lower Upper
88 100
43 35.7 28.0 42.0
58 50.2 46.0 69.0



#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN026951.D
Acq: 18 Aug 2023 09:24

Tgt Ion: 128 Resp: 21590
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.4 10.5 15.7

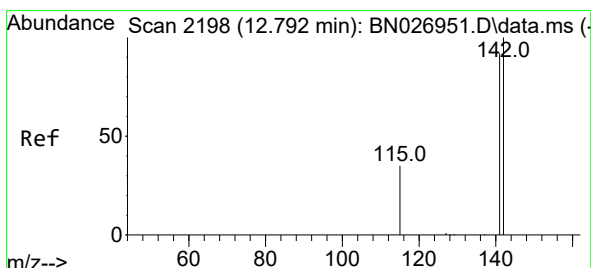
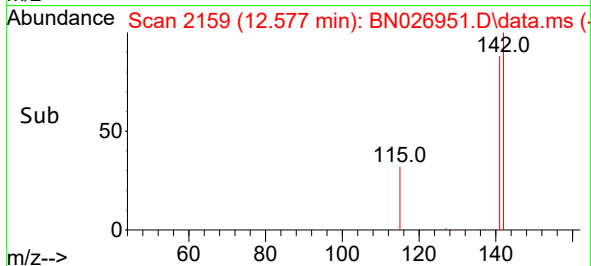
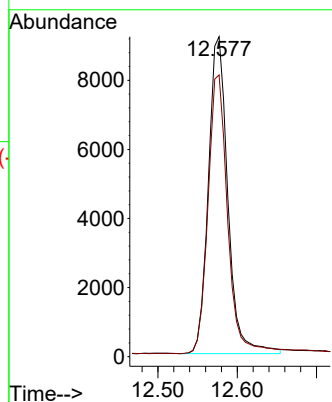
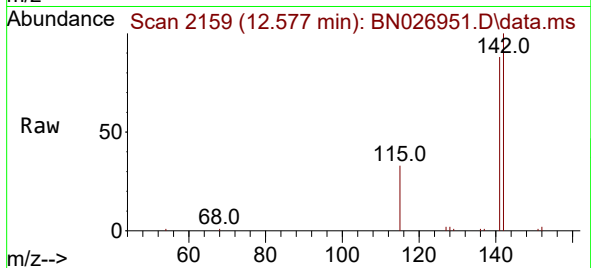




#7
2-Methylnaphthalene
Concen: 0.460 ng/ul
RT: 12.577 min Scan# 2159
Delta R.T. -0.005 min
Lab File: BN026951.D
Acq: 18 Aug 2023 09:24

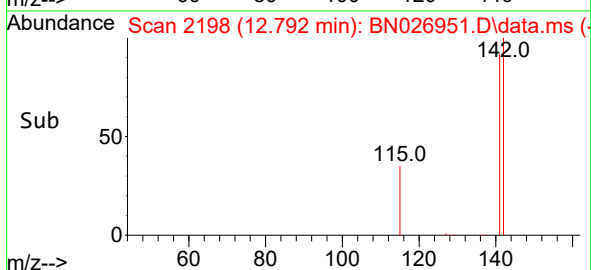
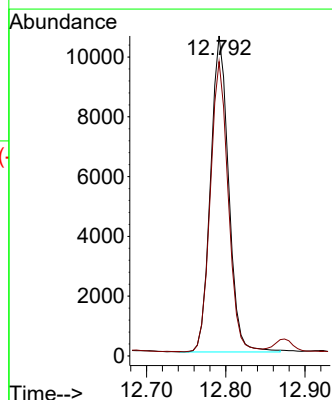
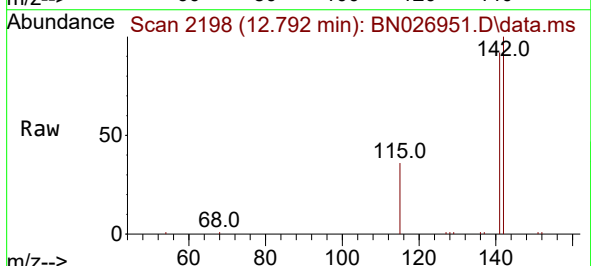
Instrument :
BNA_N
ClientSampleId :
SSTD0.4389

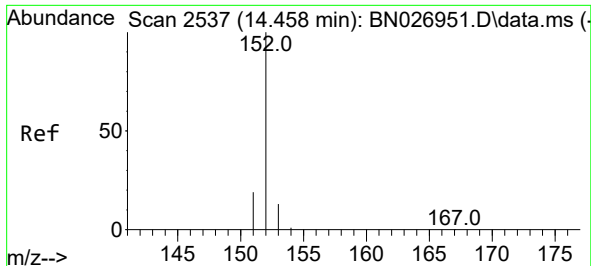
Tgt Ion:142 Resp: 15676
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.470 ng/ul
RT: 12.792 min Scan# 2198
Delta R.T. -0.005 min
Lab File: BN026951.D
Acq: 18 Aug 2023 09:24

Tgt Ion:142 Resp: 16764
Ion Ratio Lower Upper
142 100
141 90.8 73.2 109.8

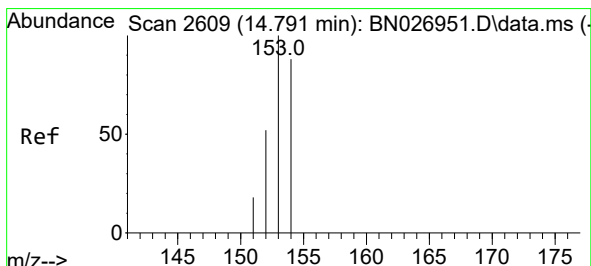
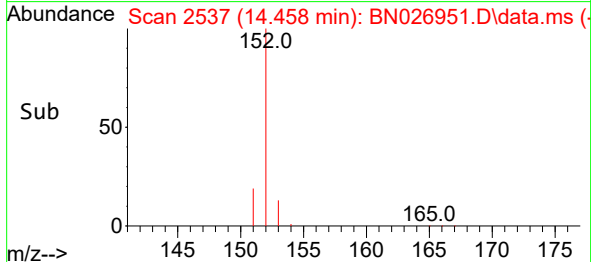
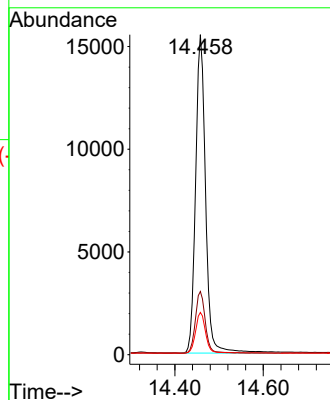
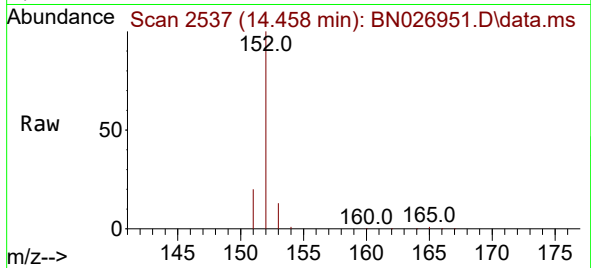




#10
Acenaphthylene
Concen: 0.332 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. -0.004 min
Lab File: BN026951.D
Acq: 18 Aug 2023 09:24

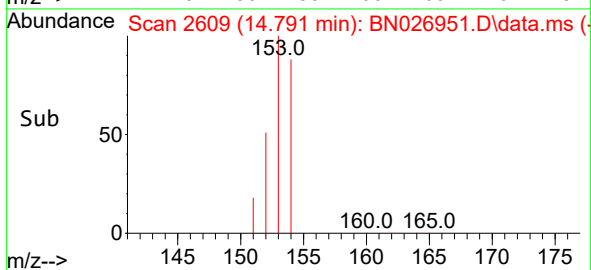
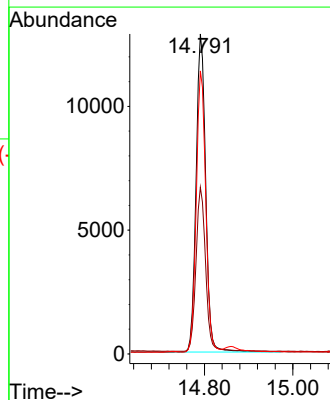
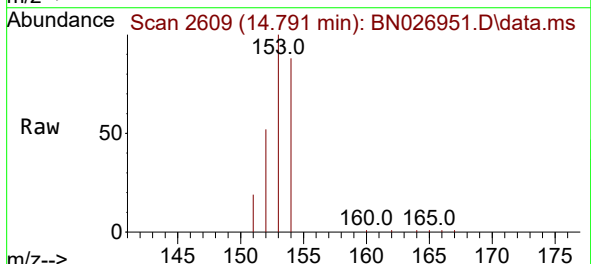
Instrument :
BNA_N
ClientSampleId :
SSTD0.4389

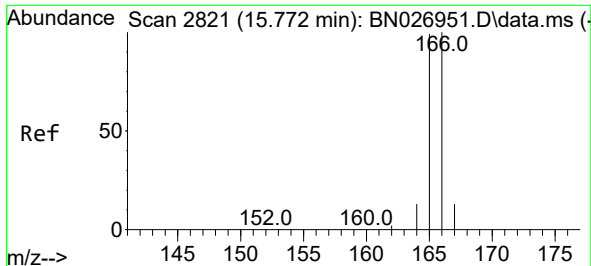
Tgt Ion:152 Resp: 24410
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.2 11.0 16.6



#11
Acenaphthene
Concen: 0.380 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. -0.009 min
Lab File: BN026951.D
Acq: 18 Aug 2023 09:24

Tgt Ion:153 Resp: 19335
Ion Ratio Lower Upper
153 100
152 52.1 41.1 61.7
154 88.5 71.6 107.4

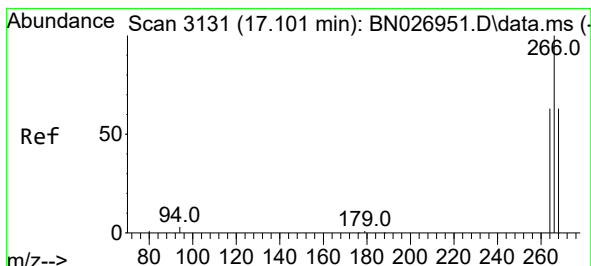
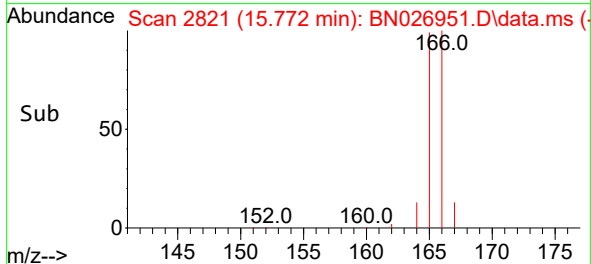
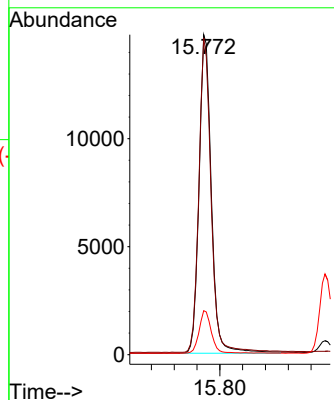
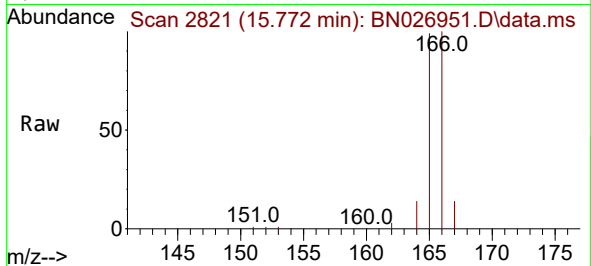




#12
Fluorene
Concen: 0.383 ng/ul
RT: 15.772 min Scan# 2821
Delta R.T. -0.009 min
Lab File: BN026951.D
Acq: 18 Aug 2023 09:24

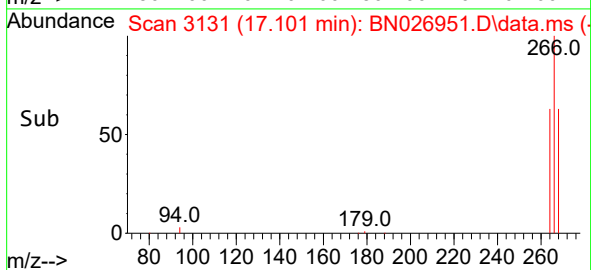
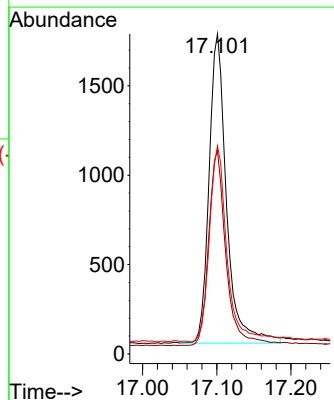
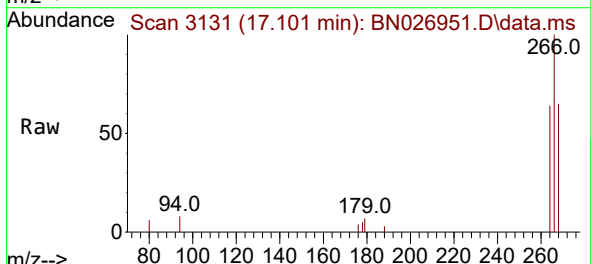
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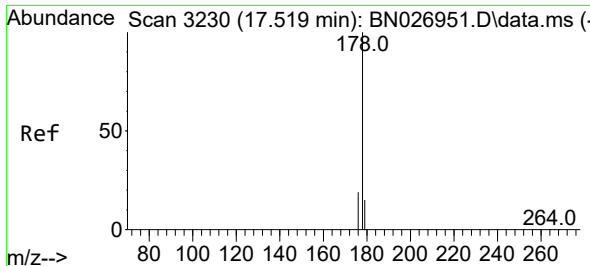
Tgt Ion:166 Resp: 22056
Ion Ratio Lower Upper
166 100
165 99.0 79.1 118.7
167 13.7 11.4 17.0



#14
Pentachlorophenol
Concen: 0.338 ng/ul
RT: 17.101 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN026951.D
Acq: 18 Aug 2023 09:24

Tgt Ion:266 Resp: 2824
Ion Ratio Lower Upper
266 100
264 62.4 50.4 75.6
268 64.4 51.2 76.8

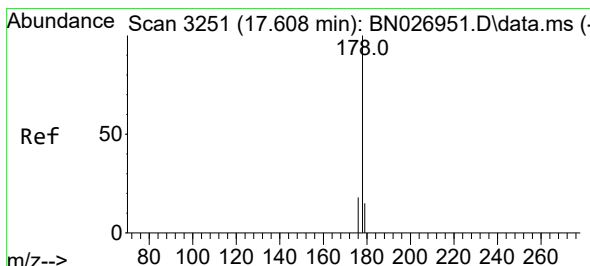
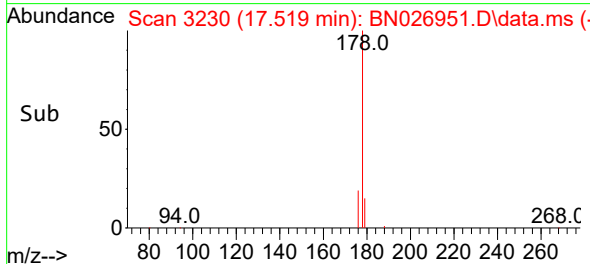
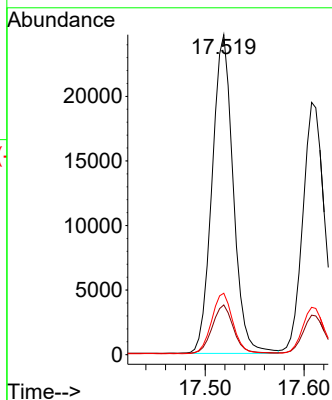
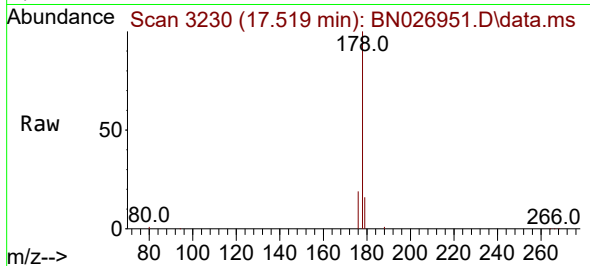




#15
Phenanthrene
Concen: 0.376 ng/ul
RT: 17.519 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN026951.D
Acq: 18 Aug 2023 09:24

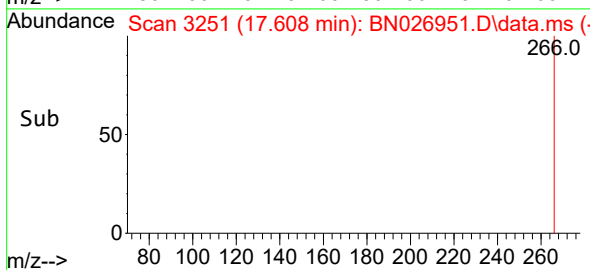
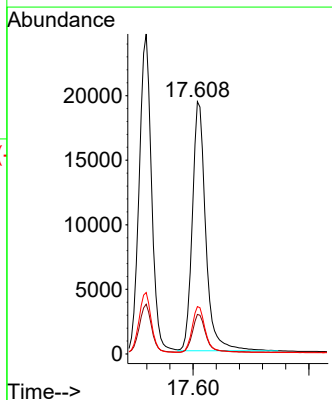
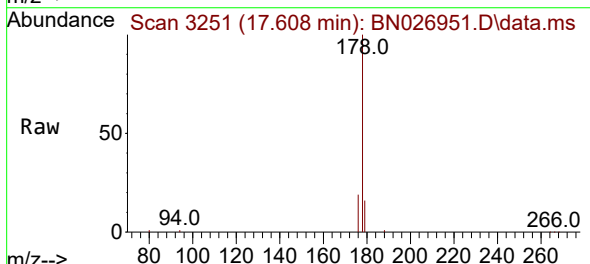
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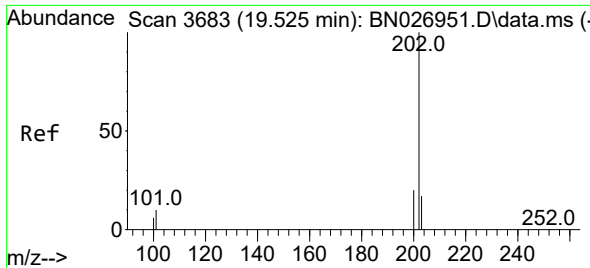
Tgt Ion:178 Resp: 36507
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.2 15.4 23.2



#16
Anthracene
Concen: 0.354 ng/ul
RT: 17.608 min Scan# 3251
Delta R.T. -0.008 min
Lab File: BN026951.D
Acq: 18 Aug 2023 09:24

Tgt Ion:178 Resp: 31061
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 18.8 15.0 22.6

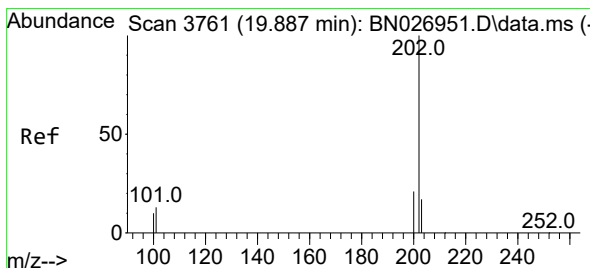
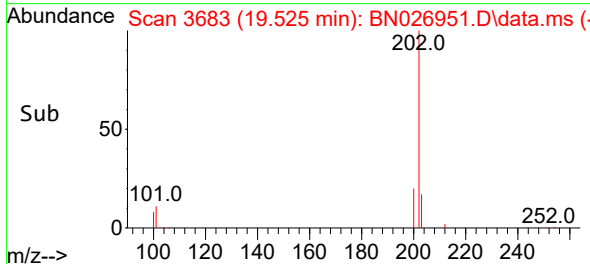
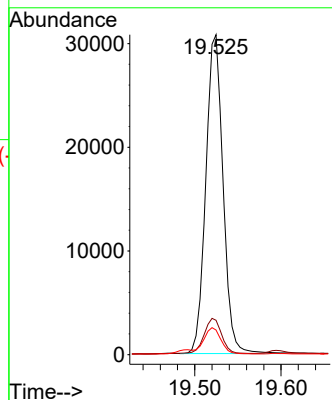
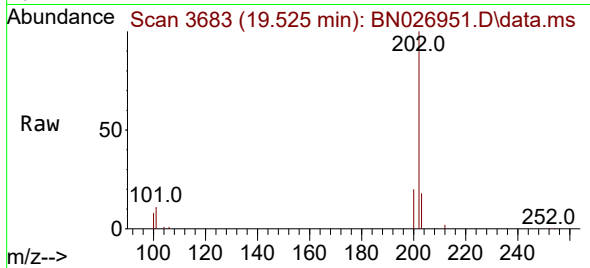




#19
Fluoranthene
Concen: 0.408 ng/ul
RT: 19.525 min Scan# 3683
Delta R.T. -0.005 min
Lab File: BN026951.D
Acq: 18 Aug 2023 09:24

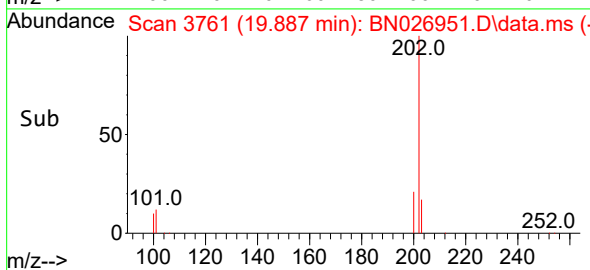
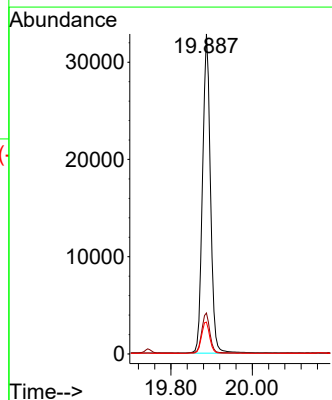
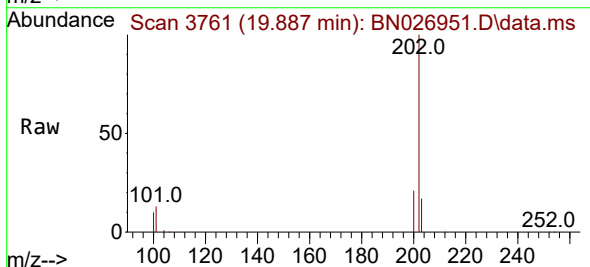
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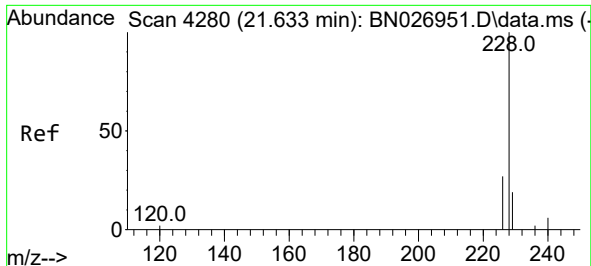
Tgt Ion:202 Resp: 42740
Ion Ratio Lower Upper
202 100
101 10.8 8.3 12.5
100 7.7 6.2 9.2



#20
Pyrene
Concen: 0.397 ng/ul
RT: 19.887 min Scan# 3761
Delta R.T. -0.009 min
Lab File: BN026951.D
Acq: 18 Aug 2023 09:24

Tgt Ion:202 Resp: 44402
Ion Ratio Lower Upper
202 100
101 12.8 10.7 16.1
100 10.0 8.5 12.7

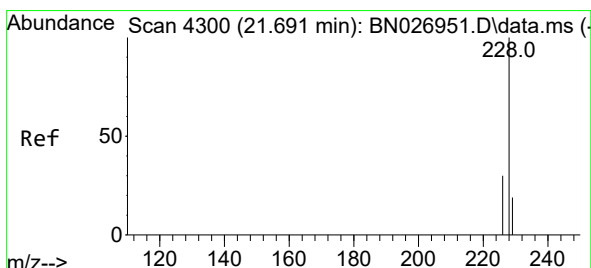
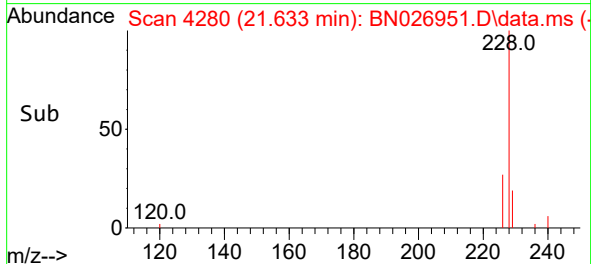
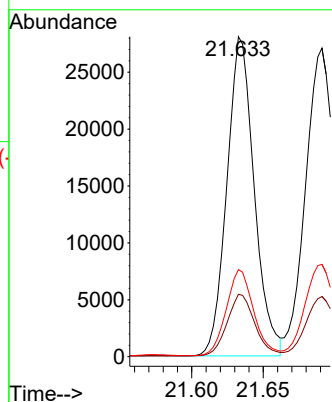
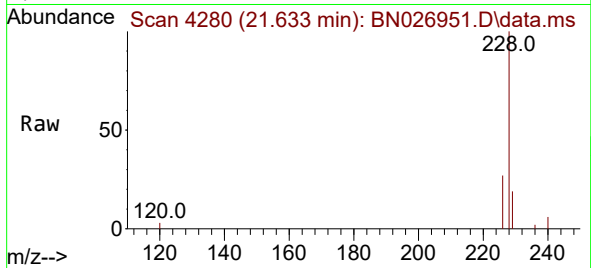




#21
Benzo(a)anthracene
Concen: 0.372 ng/ul
RT: 21.633 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN026951.D
Acq: 18 Aug 2023 09:24

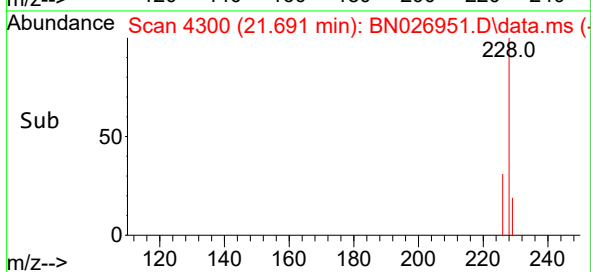
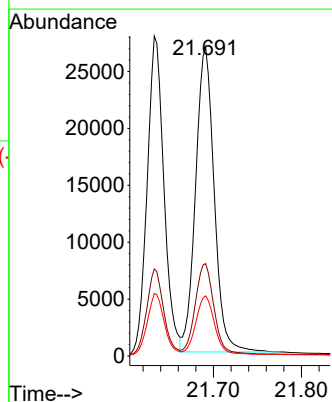
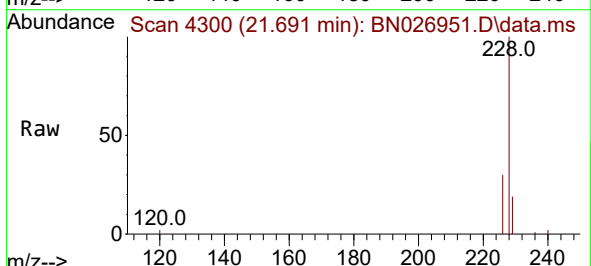
Instrument :
BNA_N
ClientSampleId :
SSTD0.4389

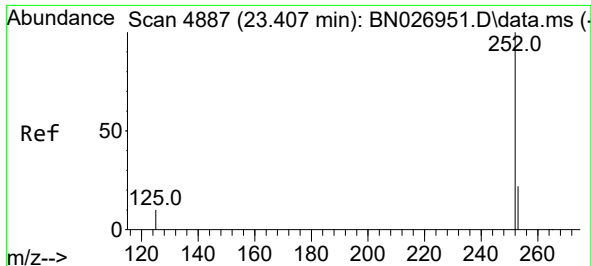
Tgt Ion:228 Resp: 37342
Ion Ratio Lower Upper
228 100
229 19.5 16.0 24.0
226 27.2 22.2 33.2



#22
Chrysene
Concen: 0.398 ng/ul
RT: 21.691 min Scan# 4300
Delta R.T. -0.009 min
Lab File: BN026951.D
Acq: 18 Aug 2023 09:24

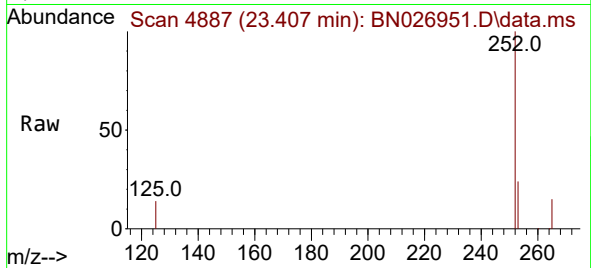
Tgt Ion:228 Resp: 39483
Ion Ratio Lower Upper
228 100
226 29.9 24.6 36.8
229 19.5 15.8 23.6



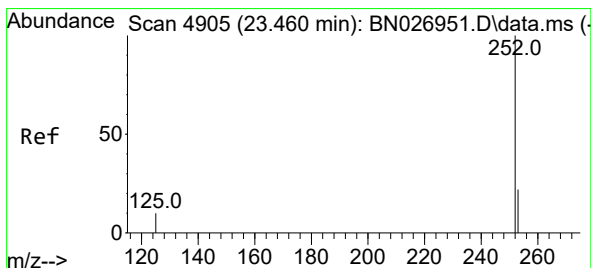
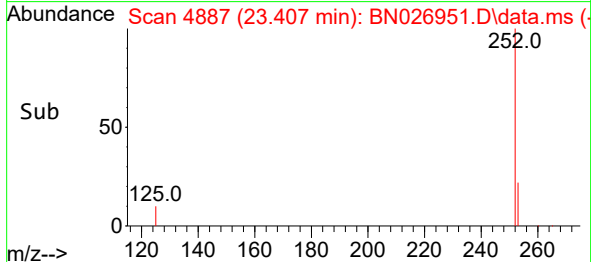
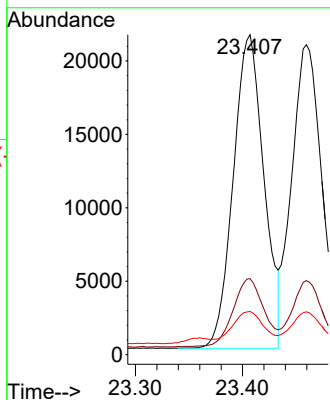


#24
Benzo(b)fluoranthene
Concen: 0.432 ng/ul
RT: 23.407 min Scan# 4887
Delta R.T. -0.014 min
Lab File: BN026951.D
Acq: 18 Aug 2023 09:24

Instrument :
BNA_N
ClientSampleId :
SSTD0.4389

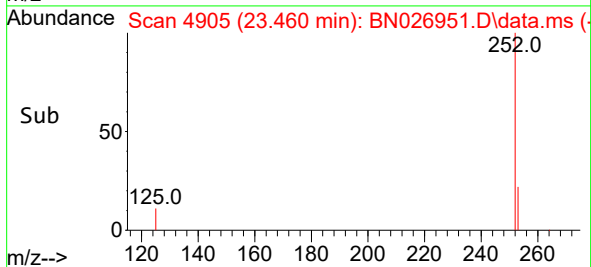
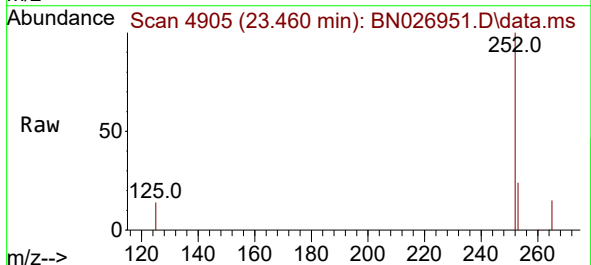
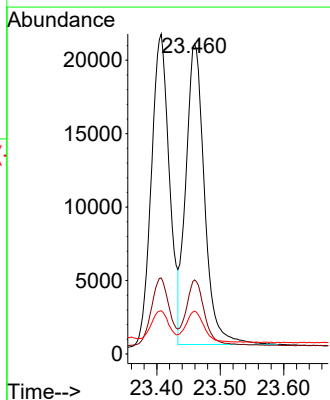


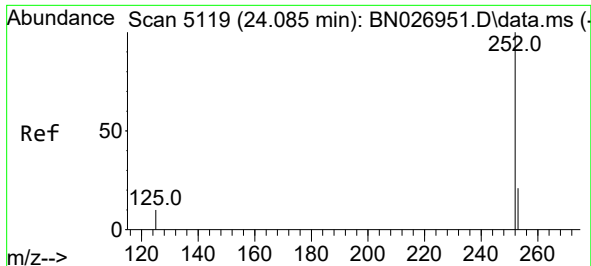
Tgt Ion:252 Resp: 42376
Ion Ratio Lower Upper
252 100
253 23.8 0.0 46.8
125 13.5 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.431 ng/ul
RT: 23.460 min Scan# 4905
Delta R.T. -0.014 min
Lab File: BN026951.D
Acq: 18 Aug 2023 09:24

Tgt Ion:252 Resp: 41736
Ion Ratio Lower Upper
252 100
253 23.9 18.2 27.4
125 13.8 9.9 14.9

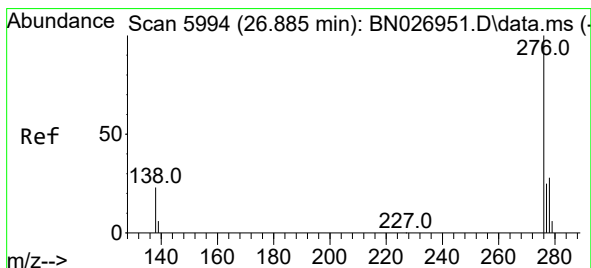
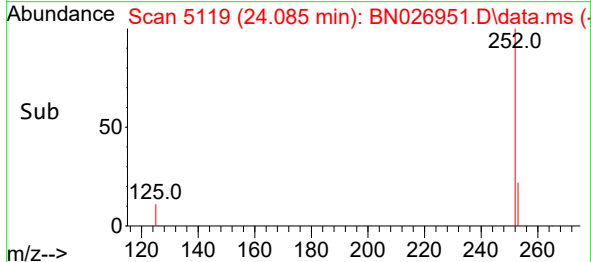
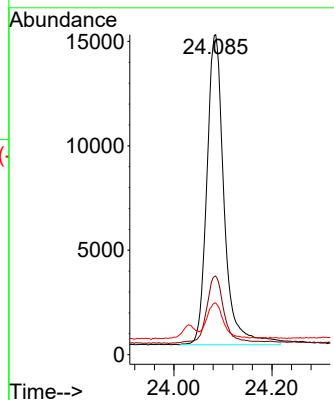
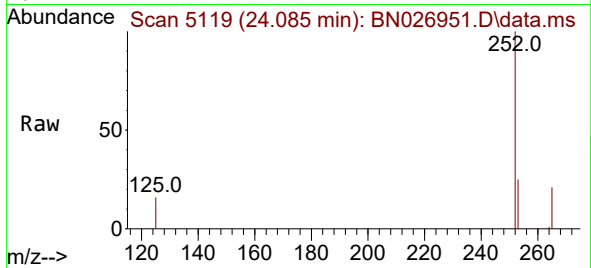




#26
Benzo(a)pyrene
Concen: 0.408 ng/ul
RT: 24.085 min Scan# 5119
Delta R.T. -0.014 min
Lab File: BN026951.D
Acq: 18 Aug 2023 09:24

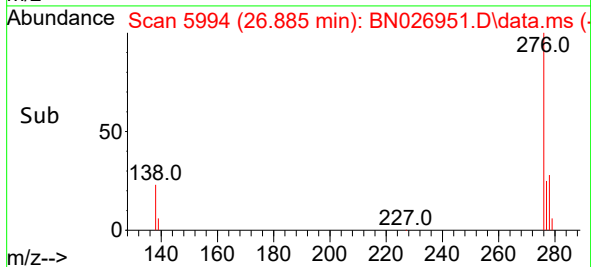
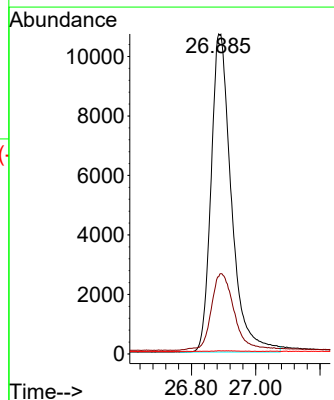
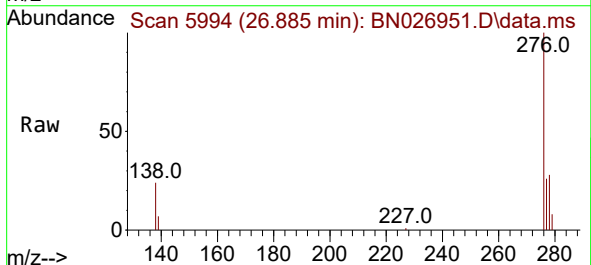
Instrument :
BNA_N
ClientSampleId :
SSTD0.4389

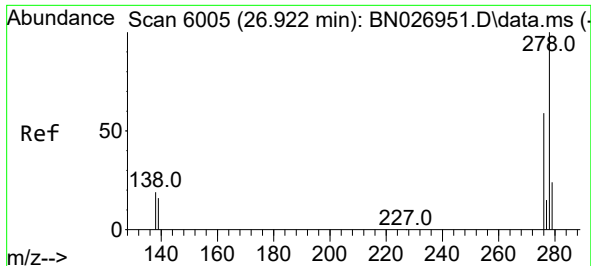
Tgt Ion:252 Resp: 36171
Ion Ratio Lower Upper
252 100
253 24.6 19.0 28.6
125 16.2 11.4 17.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.405 ng/ul
RT: 26.885 min Scan# 5994
Delta R.T. -0.023 min
Lab File: BN026951.D
Acq: 18 Aug 2023 09:24

Tgt Ion:276 Resp: 46890
Ion Ratio Lower Upper
276 100
138 27.3 21.6 32.4
227 0.1 0.0 0.0#

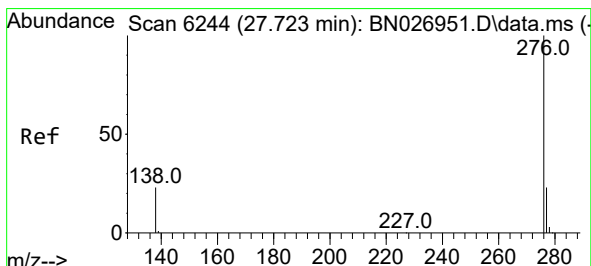
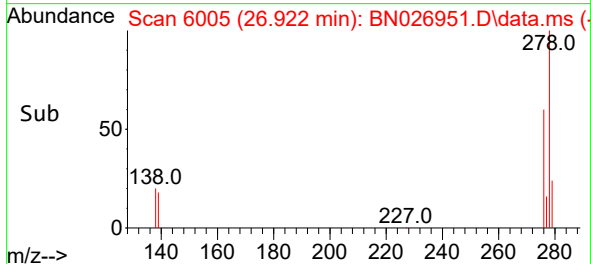
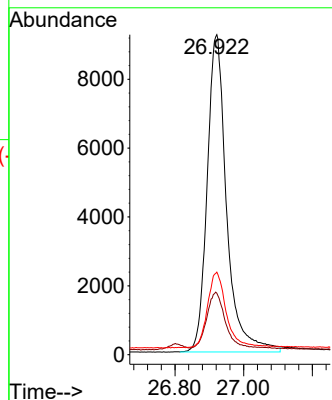
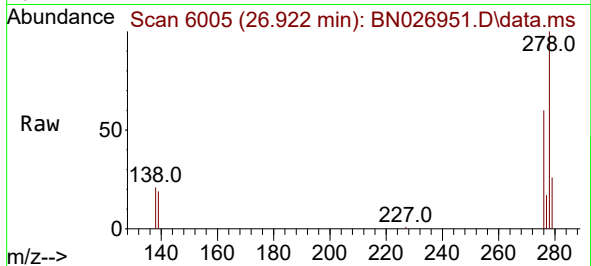




#28
Dibenzo(a,h)anthracene
Concen: 0.392 ng/ul
RT: 26.922 min Scan# 6005
Delta R.T. -0.016 min
Lab File: BN026951.D
Acq: 18 Aug 2023 09:24

Instrument :
BNA_N
ClientSampleId :
SSTD0.4389

Tgt Ion:278 Resp: 36214
Ion Ratio Lower Upper
278 100
139 19.2 15.7 23.5
279 25.8 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.422 ng/ul
RT: 27.723 min Scan# 6244
Delta R.T. -0.023 min
Lab File: BN026951.D
Acq: 18 Aug 2023 09:24

Tgt Ion:276 Resp: 40728
Ion Ratio Lower Upper
276 100
138 24.1 19.3 28.9
277 24.3 19.8 29.8

