

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026097.D
 Acq On : 29 Jun 2023 16:39
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4320

Quant Time: Jun 30 00:44:26 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 : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

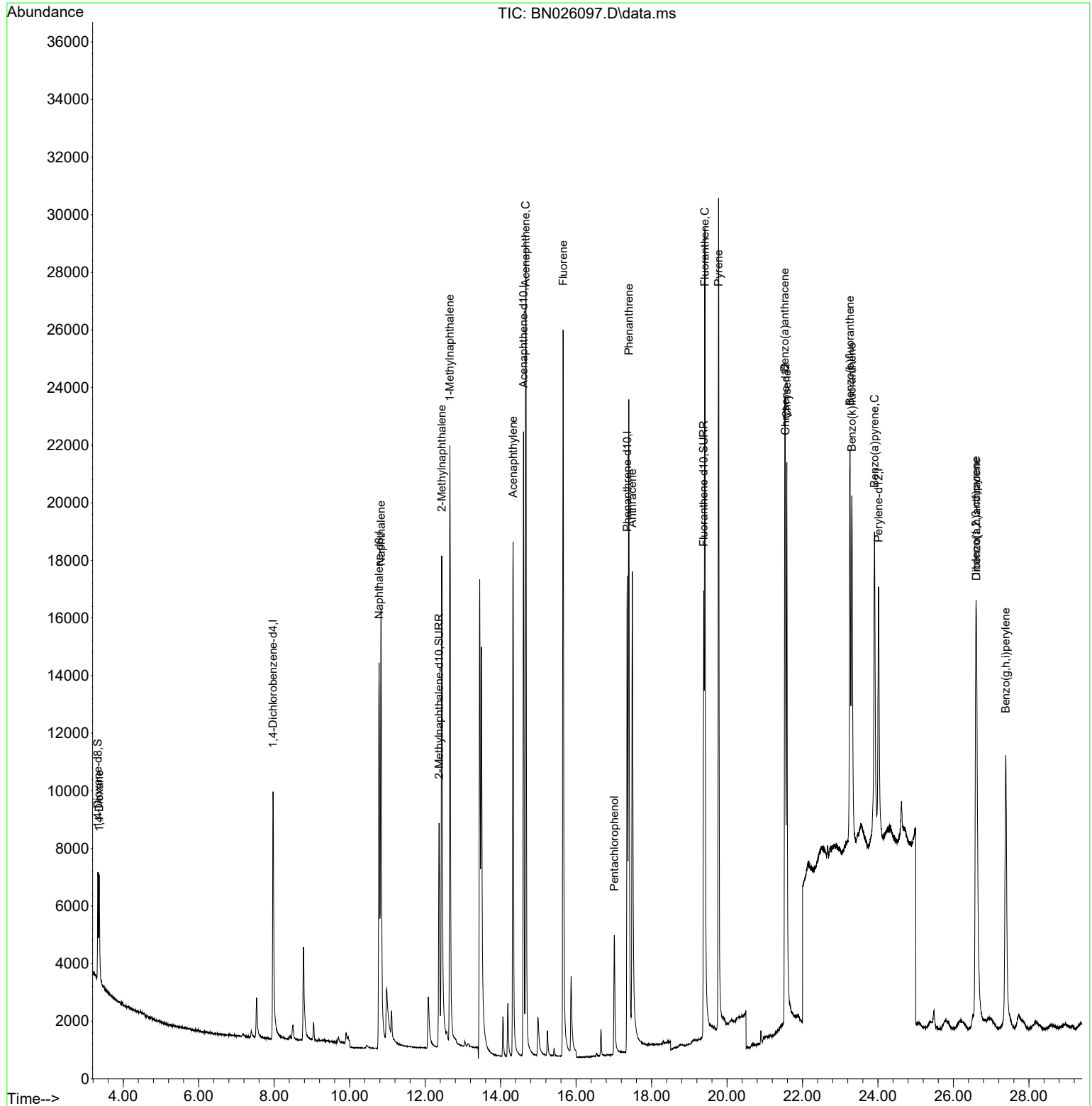
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	6663	0.400	ng/ul	0.00
4) Naphthalene-d8	10.780	136	22701	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	13148	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	23360	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	12921	0.400	ng/ul	0.00
23) Perylene-d12	24.016	264	13499	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	2743	0.366	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.369	152	13151	0.377	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	21119	0.429	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	2723	0.342	ng/ul#	93
5) Naphthalene	10.829	128	24716	0.380	ng/ul	100
7) 2-Methylnaphthalene	12.441	142	15372	0.371	ng/ul	99
8) 1-Methylnaphthalene	12.655	142	16417	0.382	ng/ul	100
10) Acenaphthylene	14.329	152	24720	0.402	ng/ul	100
11) Acenaphthene	14.667	153	19234	0.382	ng/ul	100
12) Fluorene	15.657	166	20585	0.357	ng/ul	100
14) Pentachlorophenol	17.013	266	3763	0.449	ng/ul	99
15) Phenanthrene	17.397	178	28957	0.375	ng/ul	100
16) Anthracene	17.490	178	25579	0.373	ng/ul	99
19) Fluoranthene	19.414	202	28880	0.418	ng/ul	99
20) Pyrene	19.776	202	30065	0.419	ng/ul	98
21) Benzo(a)anthracene	21.531	228	20008	0.375	ng/ul	98
22) Chrysene	21.584	228	20666	0.373	ng/ul	98
24) Benzo(b)fluoranthene	23.258	252	20574	0.357	ng/ul	91
25) Benzo(k)fluoranthene	23.308	252	21269	0.368	ng/ul#	93
26) Benzo(a)pyrene	23.907	252	18761	0.375	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.594	276	24078	0.441	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.610	278	18450	0.446	ng/ul	99
29) Benzo(g,h,i)perylene	27.385	276	21095	0.434	ng/ul	99

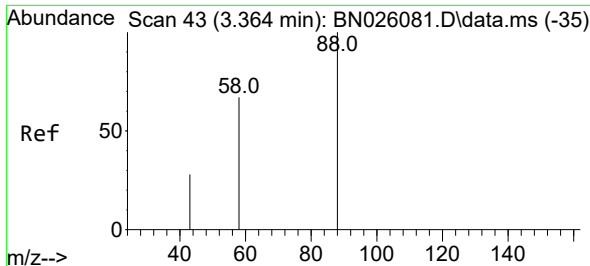
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : SSTDC00.4
Misc :
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Instrument :
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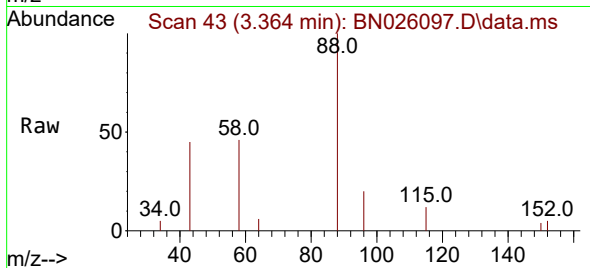
Quant Time: Jun 30 00:44:26 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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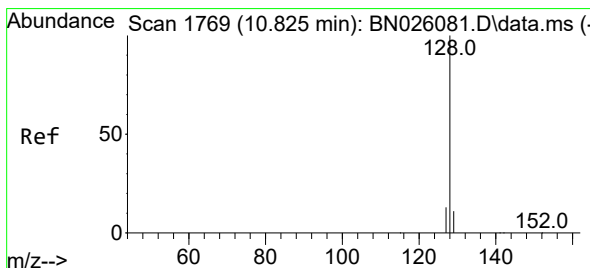
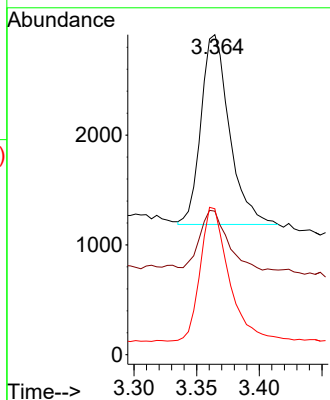
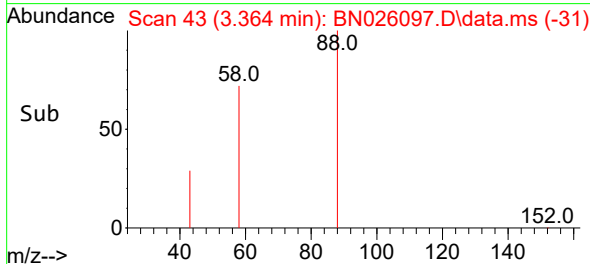


#2
1,4-Dioxane
Concen: 0.342 ng/ul
RT: 3.364 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN026097.D
Acq: 29 Jun 2023 16:39

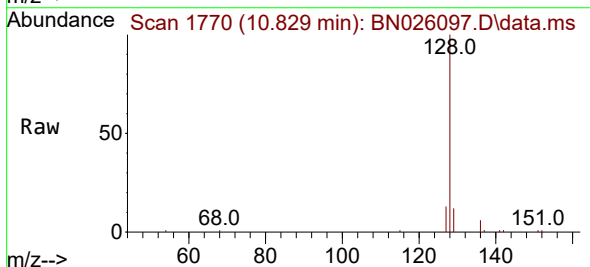
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ClientSampleId :
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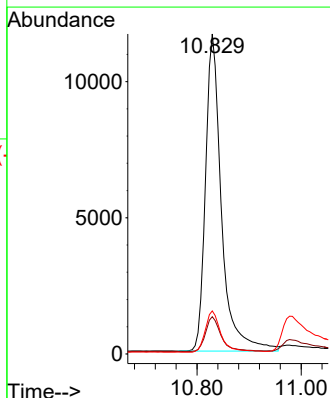
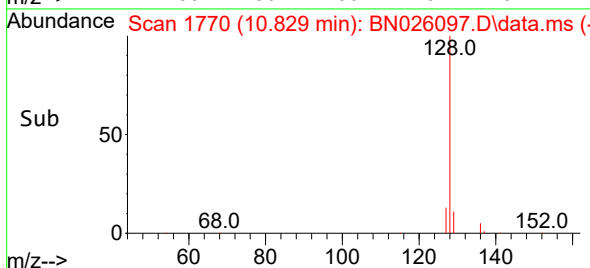
Tgt Ion: 88 Resp: 2723
Ion Ratio Lower Upper
88 100
43 44.9 29.5 44.3#
58 45.6 37.4 56.2

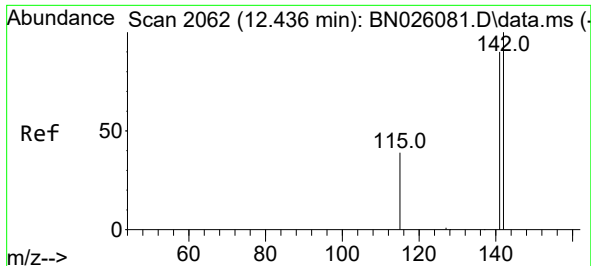


#5
Naphthalene
Concen: 0.380 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. -0.007 min
Lab File: BN026097.D
Acq: 29 Jun 2023 16:39



Tgt Ion:128 Resp: 24716
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.4 10.7 16.1

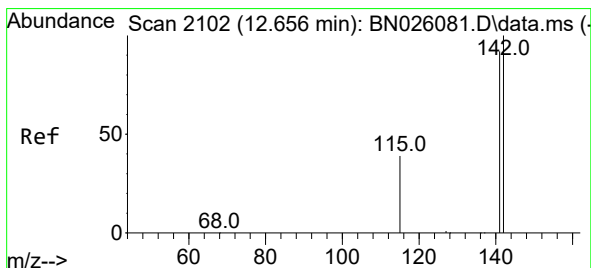
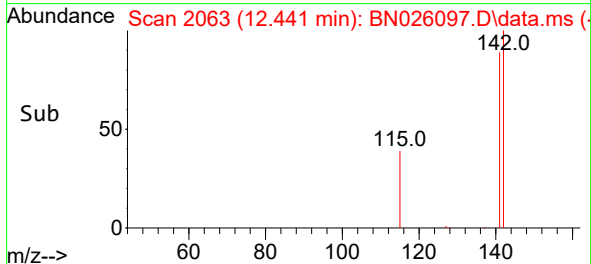
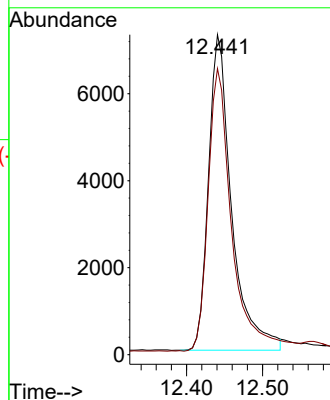
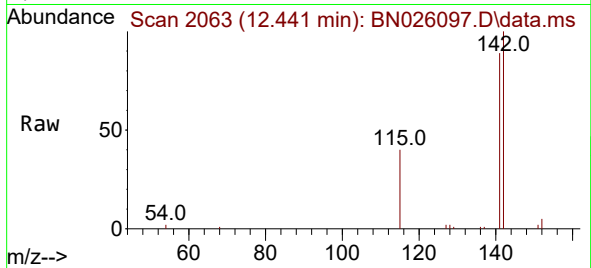




#7
2-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.441 min Scan# 2063
Delta R.T. -0.007 min
Lab File: BN026097.D
Acq: 29 Jun 2023 16:39

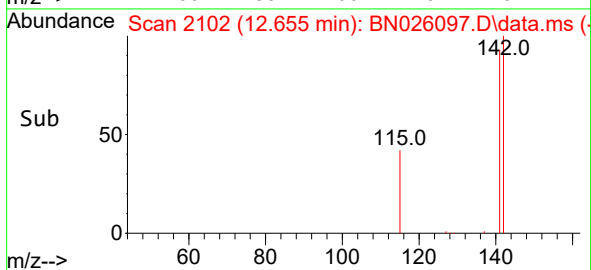
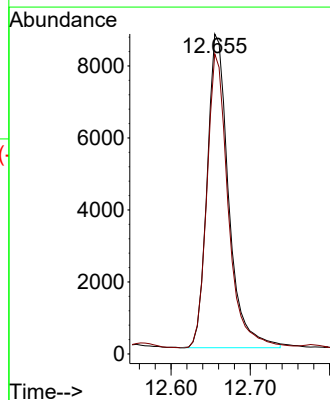
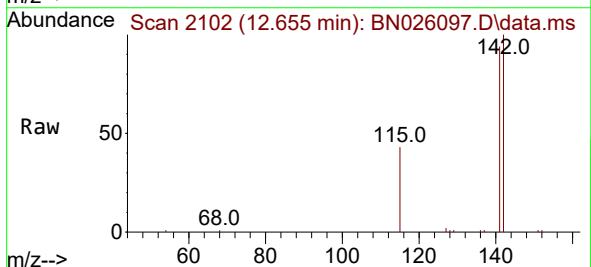
Instrument :
BNA_N
ClientSampleId :
SSTD0.4320

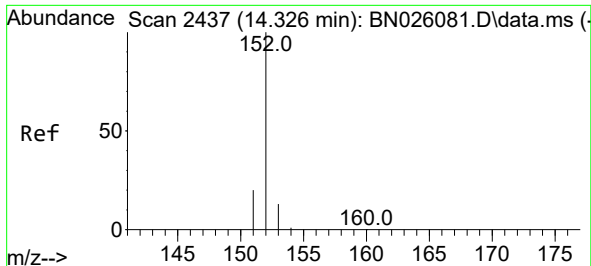
Tgt Ion:142 Resp: 15372
Ion Ratio Lower Upper
142 100
141 90.5 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.655 min Scan# 2102
Delta R.T. -0.007 min
Lab File: BN026097.D
Acq: 29 Jun 2023 16:39

Tgt Ion:142 Resp: 16417
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4

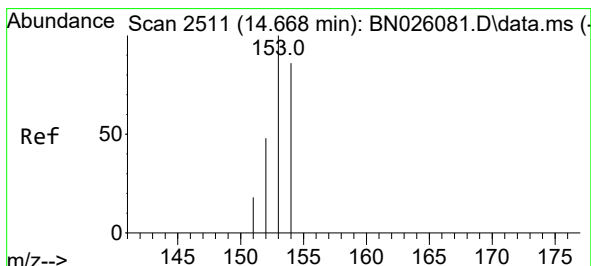
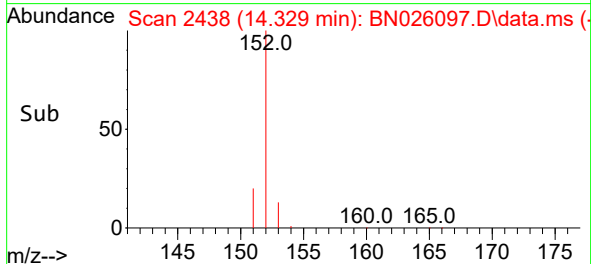
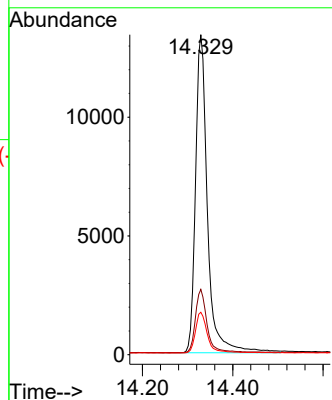
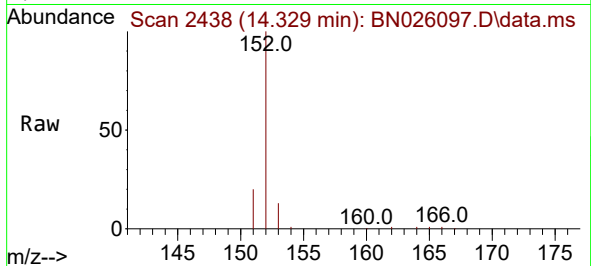




#10
Acenaphthylene
Concen: 0.402 ng/ul
RT: 14.329 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BN026097.D
Acq: 29 Jun 2023 16:39

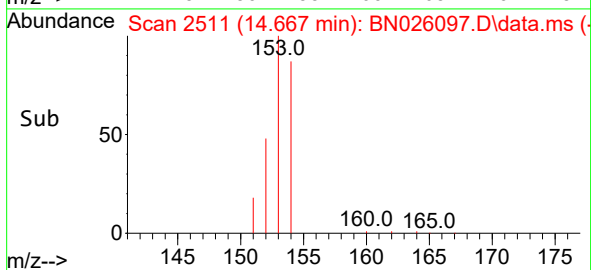
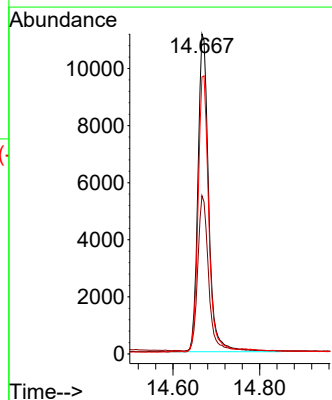
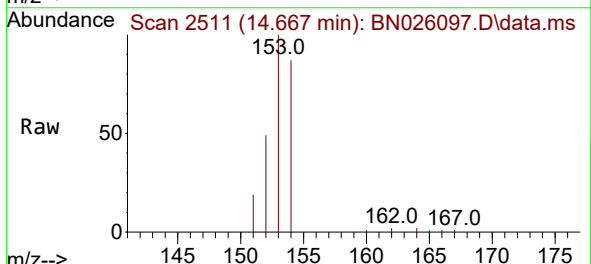
Instrument :
BNA_N
ClientSampleId :
SSTD0.4320

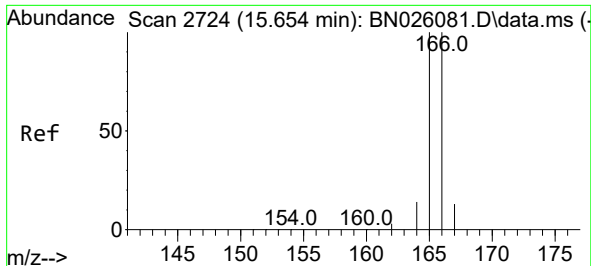
Tgt Ion:152 Resp: 24720
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.2 10.9 16.3



#11
Acenaphthene
Concen: 0.382 ng/ul
RT: 14.667 min Scan# 2511
Delta R.T. -0.005 min
Lab File: BN026097.D
Acq: 29 Jun 2023 16:39

Tgt Ion:153 Resp: 19234
Ion Ratio Lower Upper
153 100
152 49.4 39.4 59.0
154 86.6 68.9 103.3

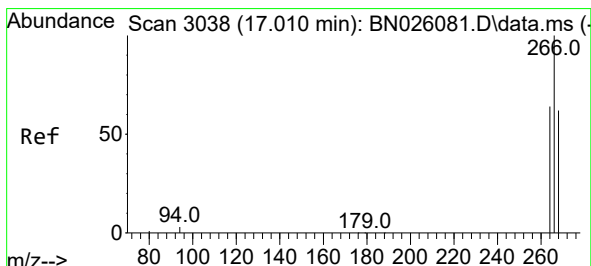
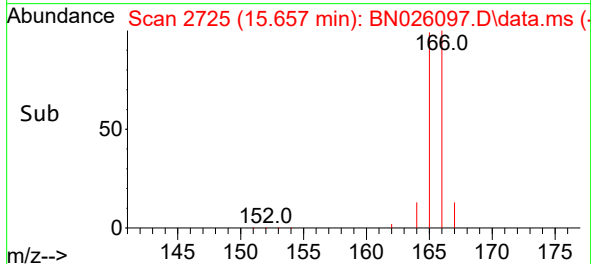
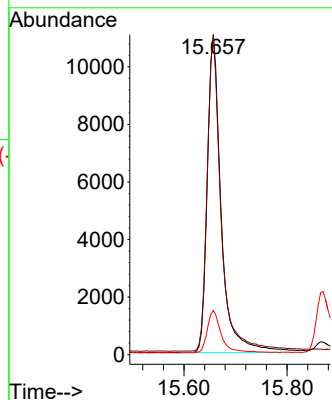
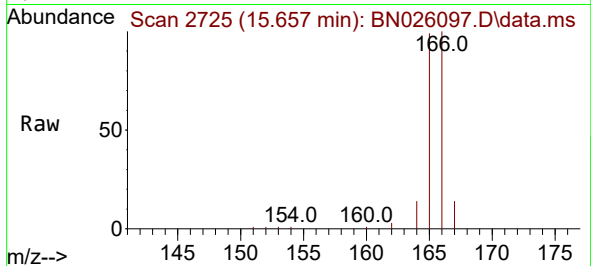




#12
Fluorene
Concen: 0.357 ng/ul
RT: 15.657 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026097.D
Acq: 29 Jun 2023 16:39

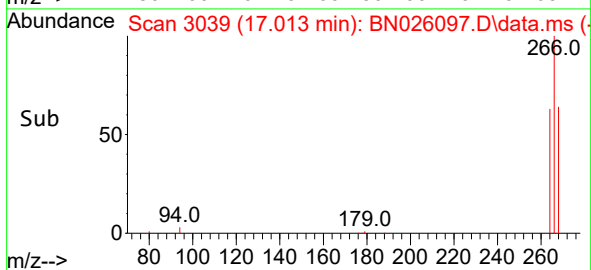
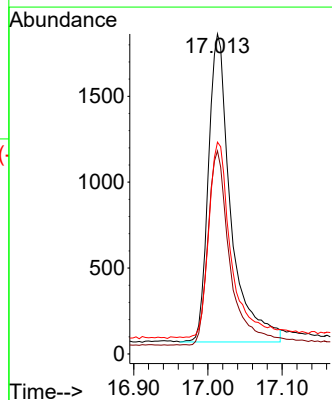
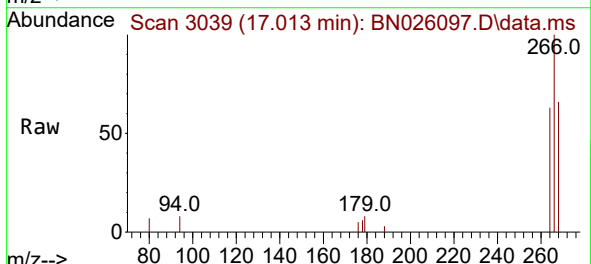
Instrument :
BNA_N
ClientSampleId :
SSTD0.4320

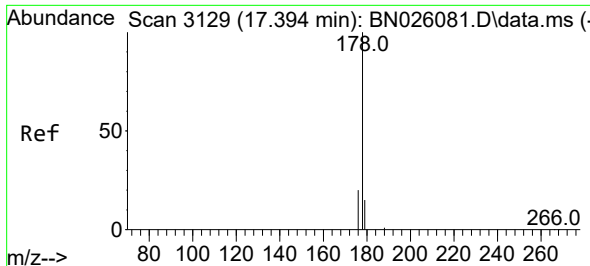
Tgt Ion:166 Resp: 20585
Ion Ratio Lower Upper
166 100
165 99.4 79.9 119.9
167 13.8 10.8 16.2



#14
Pentachlorophenol
Concen: 0.449 ng/ul
RT: 17.013 min Scan# 3039
Delta R.T. -0.005 min
Lab File: BN026097.D
Acq: 29 Jun 2023 16:39

Tgt Ion:266 Resp: 3763
Ion Ratio Lower Upper
266 100
264 62.4 50.5 75.7
268 63.0 51.6 77.4

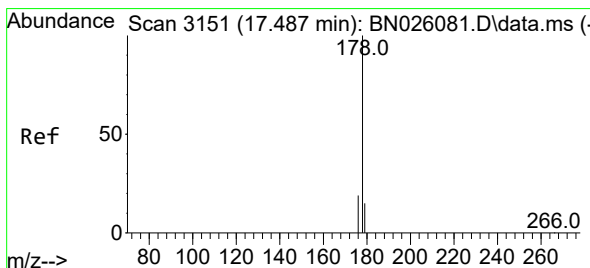
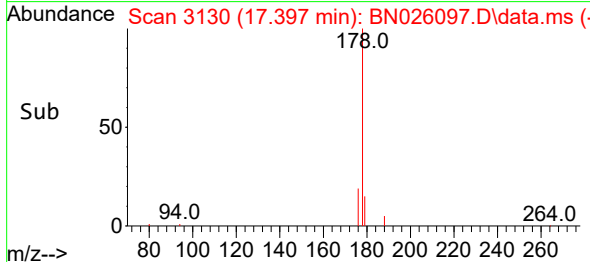
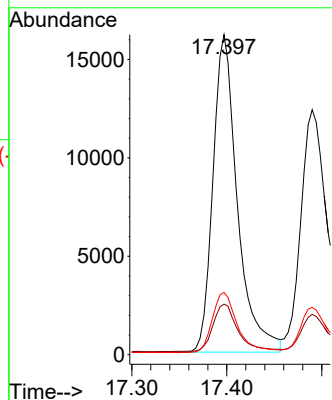
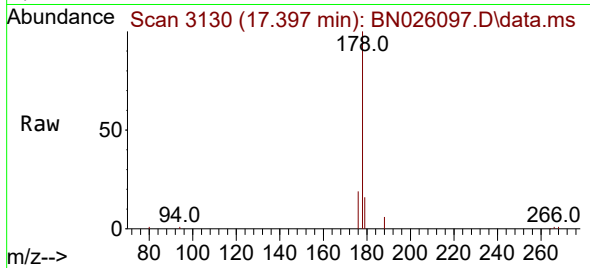




#15
Phenanthrene
Concen: 0.375 ng/ul
RT: 17.397 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BN026097.D
Acq: 29 Jun 2023 16:39

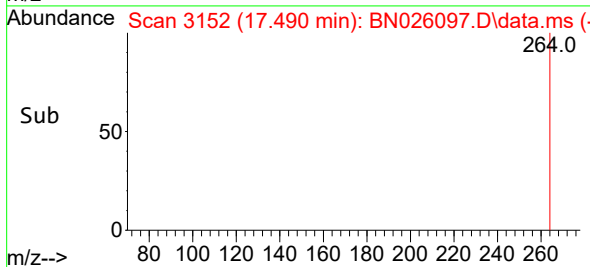
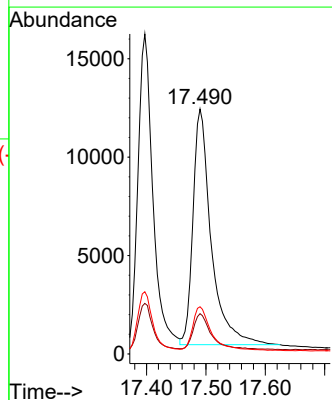
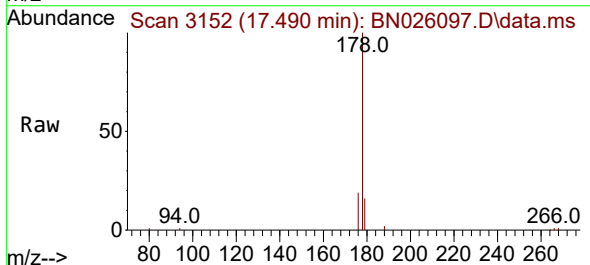
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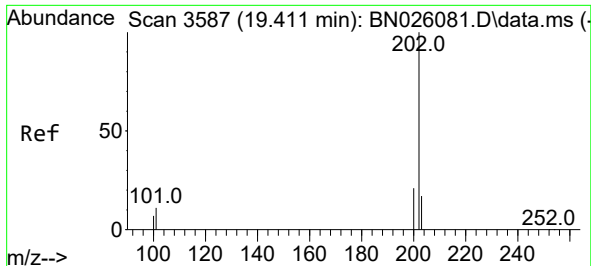
Tgt Ion:178 Resp: 28957
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.5 15.8 23.6



#16
Anthracene
Concen: 0.373 ng/ul
RT: 17.490 min Scan# 3152
Delta R.T. -0.005 min
Lab File: BN026097.D
Acq: 29 Jun 2023 16:39

Tgt Ion:178 Resp: 25579
Ion Ratio Lower Upper
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179 16.4 12.6 18.8
176 19.3 15.1 22.7

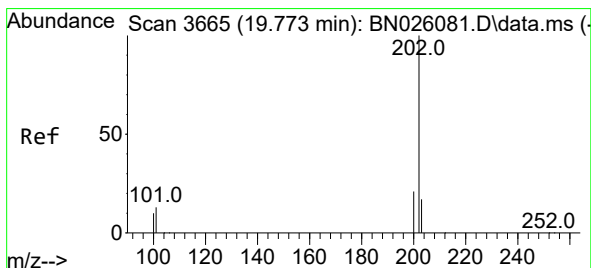
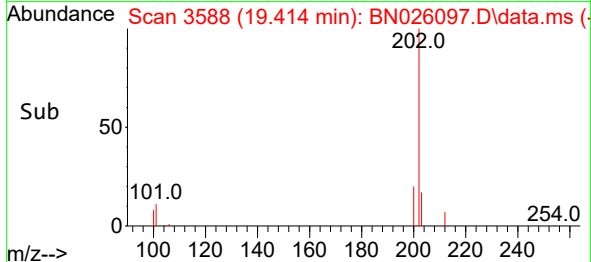
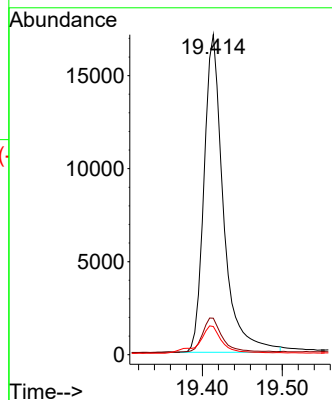
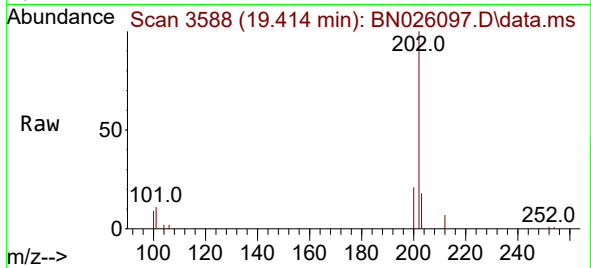




#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.414 min Scan# 3588
Delta R.T. -0.001 min
Lab File: BN026097.D
Acq: 29 Jun 2023 16:39

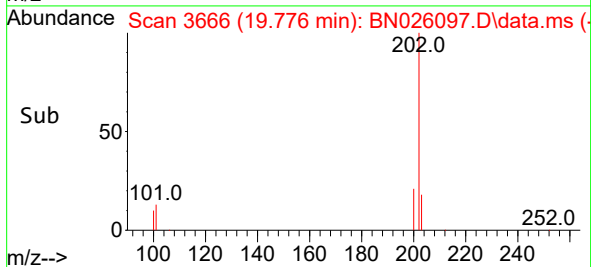
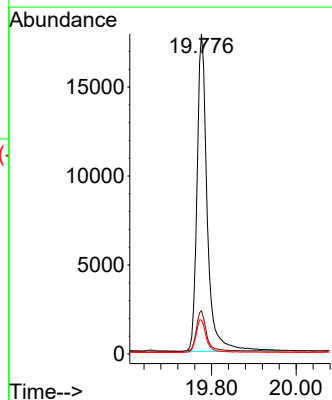
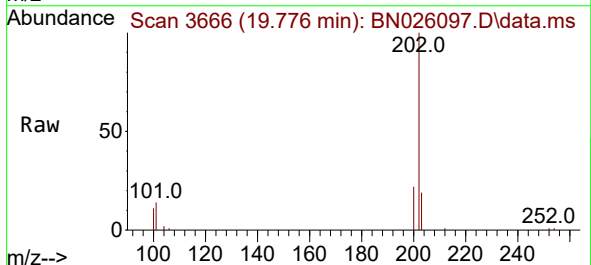
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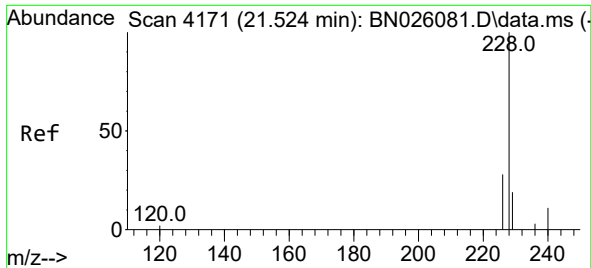
Tgt Ion:202 Resp: 28880
Ion Ratio Lower Upper
202 100
101 11.4 9.5 14.3
100 8.8 7.3 10.9



#20
Pyrene
Concen: 0.419 ng/ul
RT: 19.776 min Scan# 3666
Delta R.T. -0.001 min
Lab File: BN026097.D
Acq: 29 Jun 2023 16:39

Tgt Ion:202 Resp: 30065
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 10.6 9.1 13.7

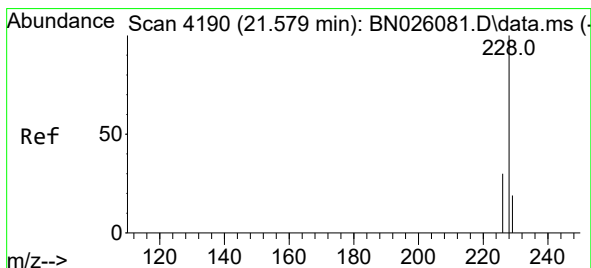
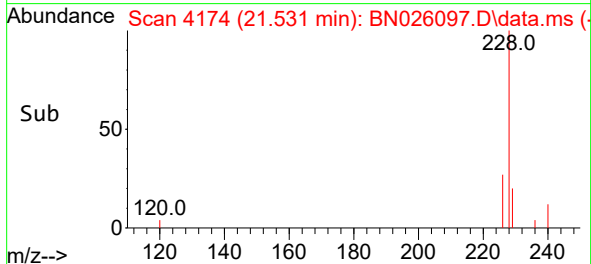
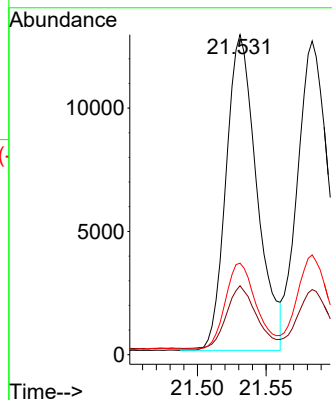
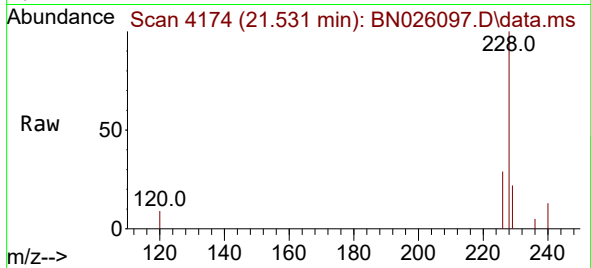




#21
Benzo(a)anthracene
Concen: 0.375 ng/ul
RT: 21.531 min Scan# 4171
Delta R.T. 0.002 min
Lab File: BN026097.D
Acq: 29 Jun 2023 16:39

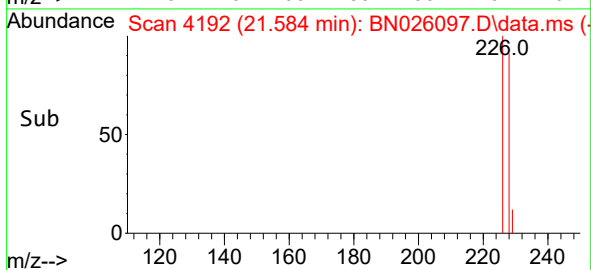
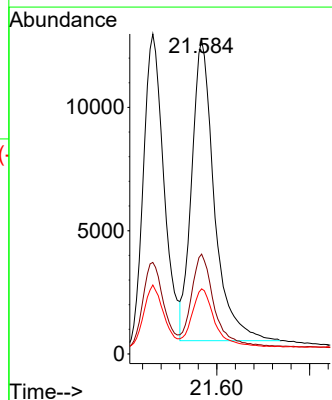
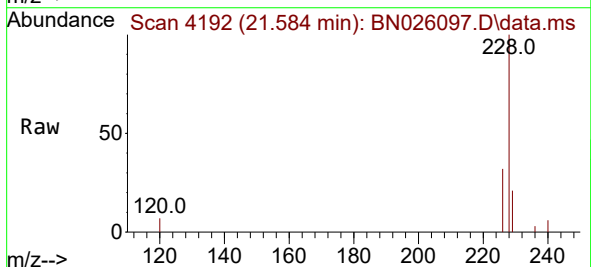
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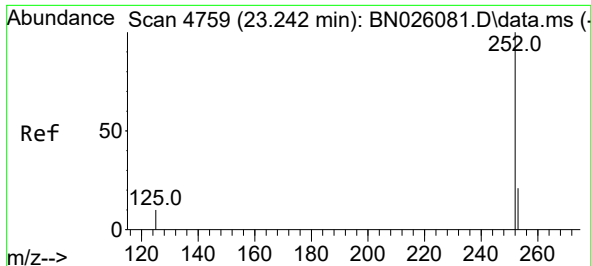
Tgt Ion:228 Resp: 20008
Ion Ratio Lower Upper
228 100
229 21.6 15.8 23.6
226 28.6 22.5 33.7



#22
Chrysene
Concen: 0.373 ng/ul
RT: 21.584 min Scan# 4192
Delta R.T. 0.005 min
Lab File: BN026097.D
Acq: 29 Jun 2023 16:39

Tgt Ion:228 Resp: 20666
Ion Ratio Lower Upper
228 100
226 31.8 24.8 37.2
229 20.8 15.7 23.5

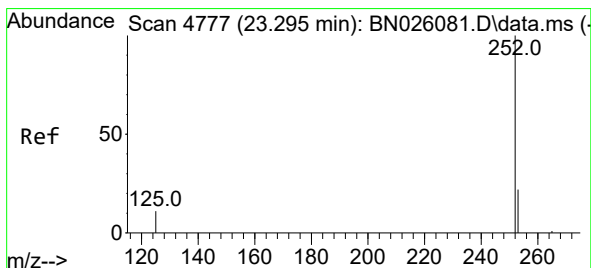
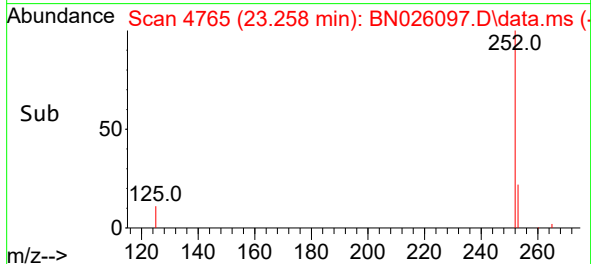
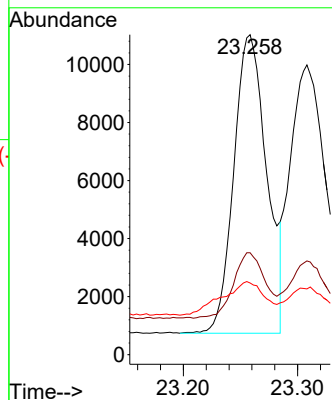
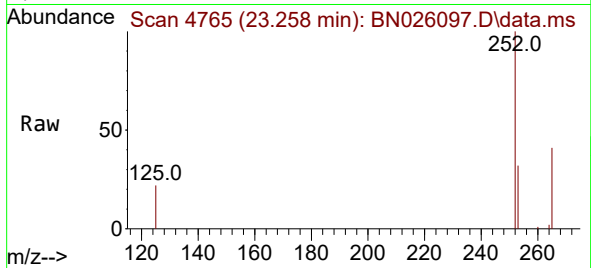




#24
Benzo(b)fluoranthene
Concen: 0.357 ng/ul
RT: 23.258 min Scan# 4765
Delta R.T. 0.005 min
Lab File: BN026097.D
Acq: 29 Jun 2023 16:39

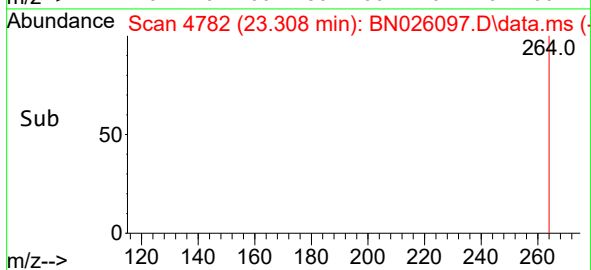
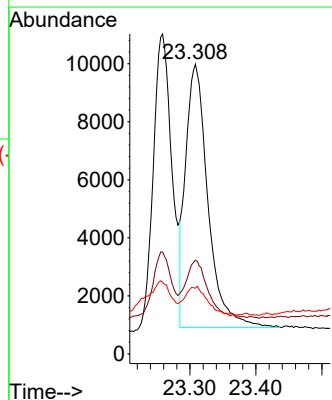
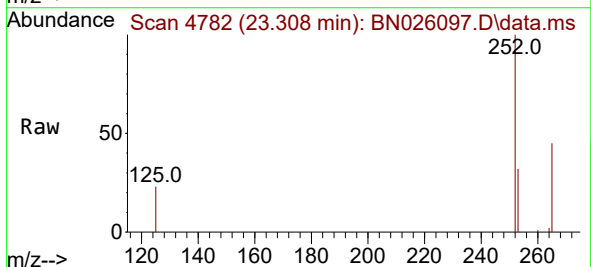
Instrument :
BNA_N
ClientSampleId :
SSTD0.4320

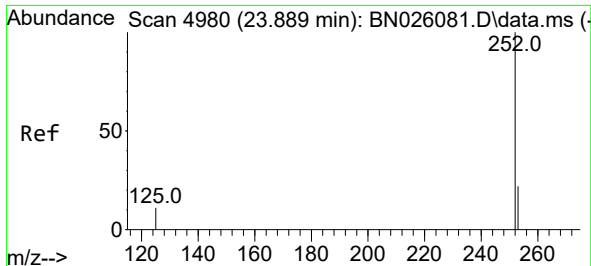
Tgt Ion:252 Resp: 20574
Ion Ratio Lower Upper
252 100
253 31.9 0.0 55.6
125 22.4 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.368 ng/ul
RT: 23.308 min Scan# 4782
Delta R.T. 0.005 min
Lab File: BN026097.D
Acq: 29 Jun 2023 16:39

Tgt Ion:252 Resp: 21269
Ion Ratio Lower Upper
252 100
253 32.3 23.2 34.8
125 22.7 15.0 22.4#

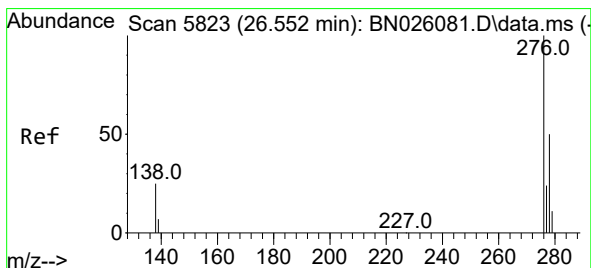
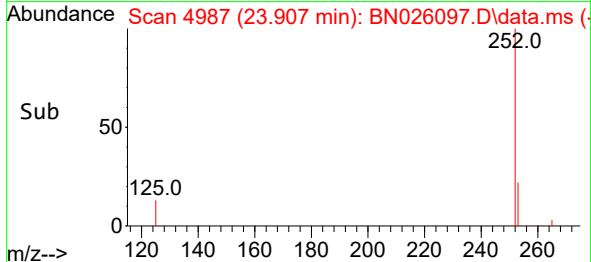
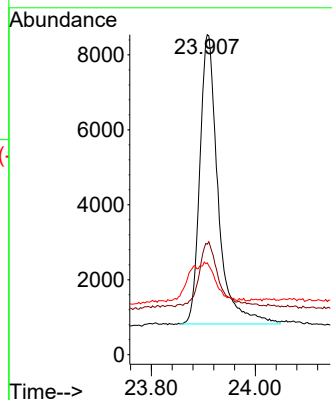
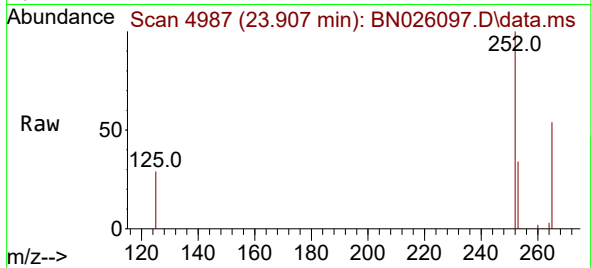




#26
Benzo(a)pyrene
Concen: 0.375 ng/ul
RT: 23.907 min Scan# 4987
Delta R.T. 0.002 min
Lab File: BN026097.D
Acq: 29 Jun 2023 16:39

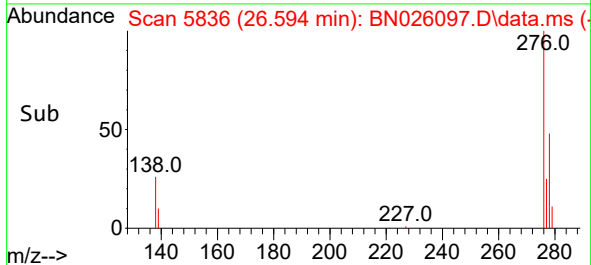
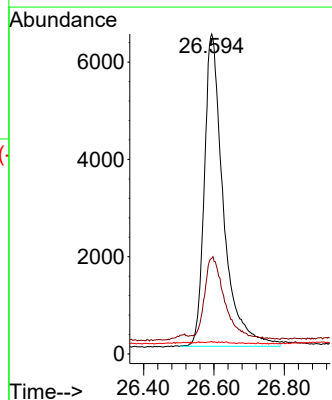
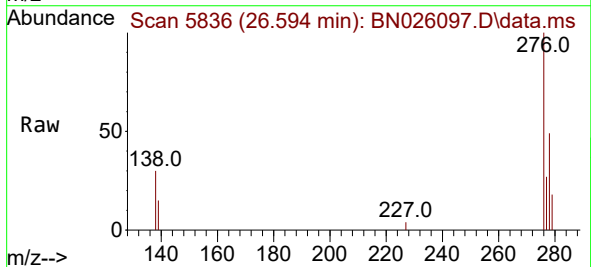
Instrument :
BNA_N
ClientSampleId :
SSTD0.4320

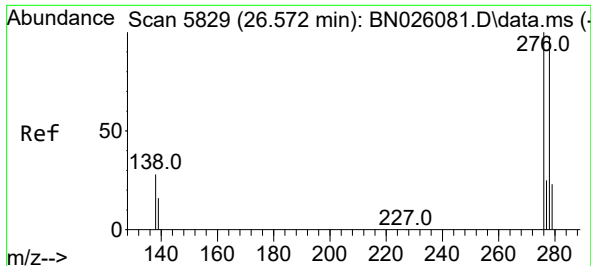
Tgt Ion:252 Resp: 18761
Ion Ratio Lower Upper
252 100
253 34.5 26.0 39.0
125 28.7 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.441 ng/ul
RT: 26.594 min Scan# 5836
Delta R.T. -0.001 min
Lab File: BN026097.D
Acq: 29 Jun 2023 16:39

Tgt Ion:276 Resp: 24078
Ion Ratio Lower Upper
276 100
138 28.3 24.5 36.7
227 0.1 0.0 0.0#

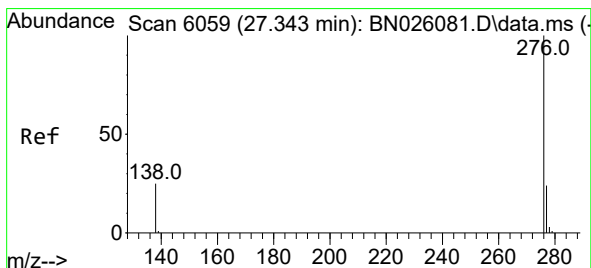
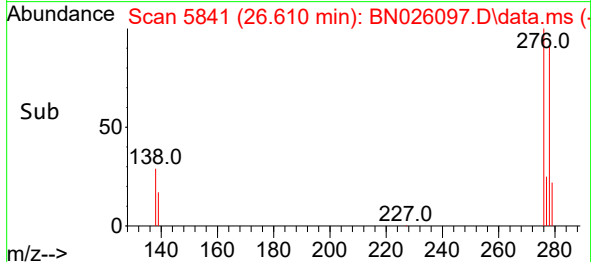
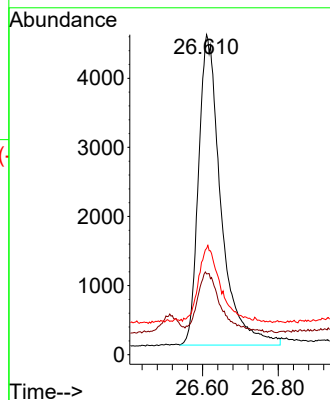
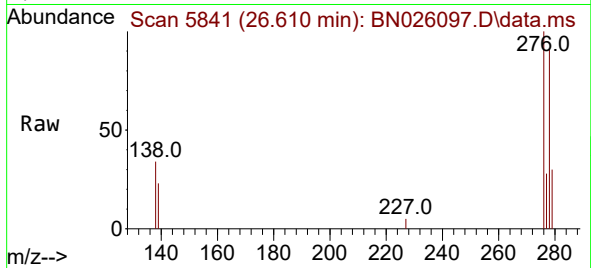




#28
Dibenzo(a,h)anthracene
Concen: 0.446 ng/ul
RT: 26.610 min Scan# 5841
Delta R.T. -0.004 min
Lab File: BN026097.D
Acq: 29 Jun 2023 16:39

Instrument :
BNA_N
ClientSampleId :
SSTD0.4320

Tgt Ion:278 Resp: 18450
Ion Ratio Lower Upper
278 100
139 25.2 19.0 28.4
279 33.2 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.434 ng/ul
RT: 27.385 min Scan# 6072
Delta R.T. -0.001 min
Lab File: BN026097.D
Acq: 29 Jun 2023 16:39

Tgt Ion:276 Resp: 21095
Ion Ratio Lower Upper
276 100
138 29.2 23.4 35.0
277 26.3 20.0 30.0

