

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021324\
 Data File : BN029725.D
 Acq On : 12 Feb 2024 22:38
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4346

Quant Time: Feb 12 23:35:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Feb 11 23:18:17 2024
 Response via : Initial Calibration

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

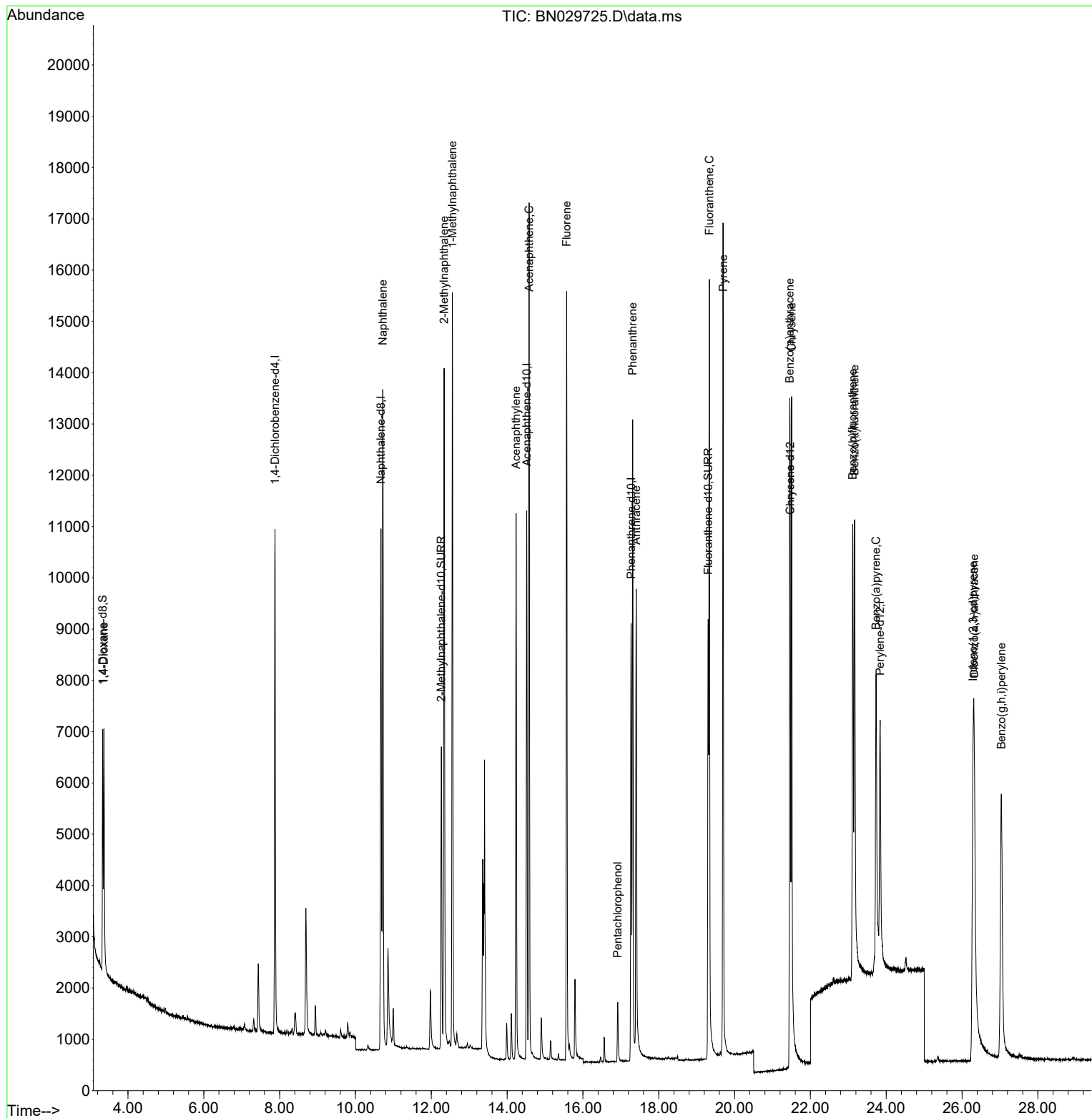
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	5235	0.400	ng/ul	0.00
4) Naphthalene-d8	10.671	136	14413	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.519	164	6109	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.271	188	10543	0.400	ng/ul	0.00
17) Chrysene-d12	21.470	240	7425	0.400	ng/ul	0.00
23) Perylene-d12	23.840	264	7384	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	3154	0.483	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.266	152	8052	0.439	ng/ul	0.00
18) Fluoranthene-d10	19.302	212	10340	0.424	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.366	88	3251	0.457	ng/ul	100
5) Naphthalene	10.720	128	17897	0.441	ng/ul	99
7) 2-Methylnaphthalene	12.337	142	10035	0.431	ng/ul	100
8) 1-Methylnaphthalene	12.557	142	10196	0.431	ng/ul	100
10) Acenaphthylene	14.237	152	12880	0.432	ng/ul	100
11) Acenaphthene	14.579	153	9900	0.437	ng/ul	98
12) Fluorene	15.569	166	9947	0.420	ng/ul	98
14) Pentachlorophenol	16.916	266	899	0.382	ng/ul#	48
15) Phenanthrene	17.313	178	14045	0.426	ng/ul	100
16) Anthracene	17.406	178	11860	0.428	ng/ul	99
19) Fluoranthene	19.335	202	14056	0.412	ng/ul	99
20) Pyrene	19.697	202	14660	0.419	ng/ul	99
21) Benzo(a)anthracene	21.452	228	11123	0.416	ng/ul	100
22) Chrysene	21.505	228	12599	0.430	ng/ul	99
24) Benzo(b)fluoranthene	23.115	252	12504	0.450	ng/ul	100
25) Benzo(k)fluoranthene	23.165	252	13852	0.450	ng/ul	99
26) Benzo(a)pyrene	23.732	252	11351	0.435	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.292	276	14376	0.453	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.319	278	11138	0.448	ng/ul	98
29) Benzo(g,h,i)perylene	27.036	276	13323	0.463	ng/ul	98

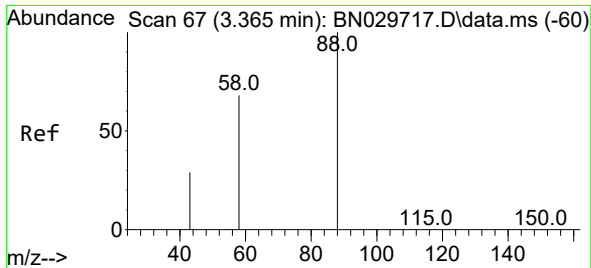
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021324\
Data File : BN029725.D
Acq On : 12 Feb 2024 22:38
Operator : MA/JU
Sample : SSTDC00.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4346

Quant Time: Feb 12 23:35:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Feb 11 23:18:17 2024
Response via : Initial Calibration

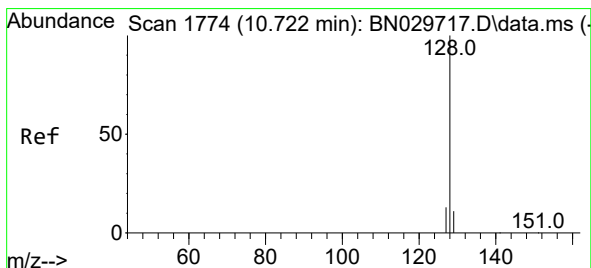
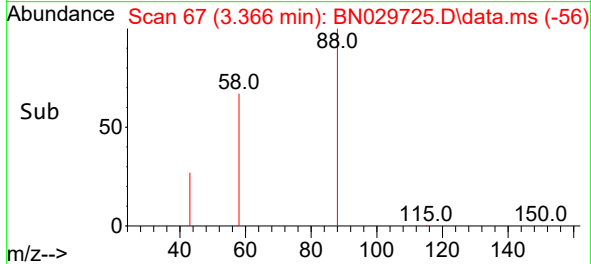
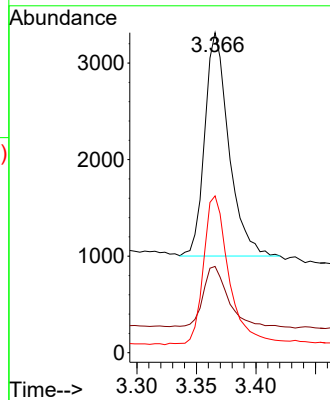
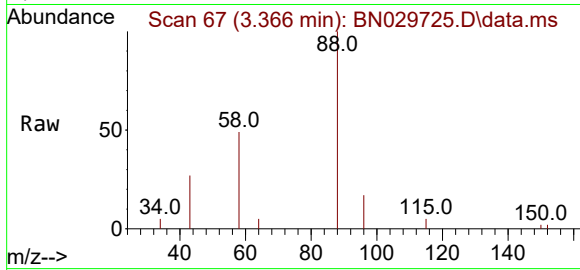




#2
1,4-Dioxane
Concen: 0.457 ng/ul
RT: 3.366 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN029725.D
Acq: 12 Feb 2024 22:38

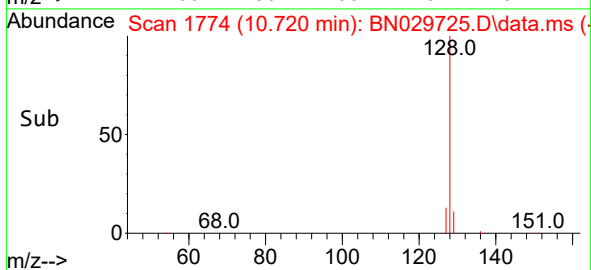
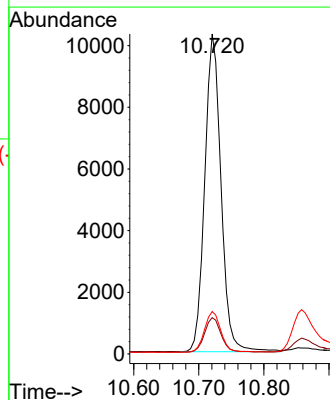
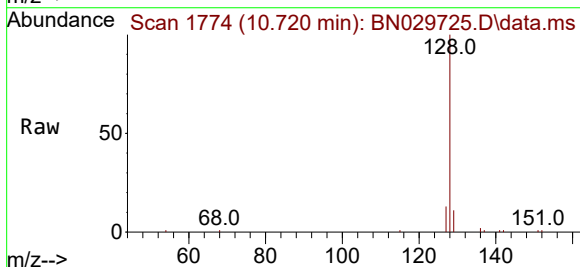
Instrument :
BNA_N
ClientSampleId :
SSTD0.4346

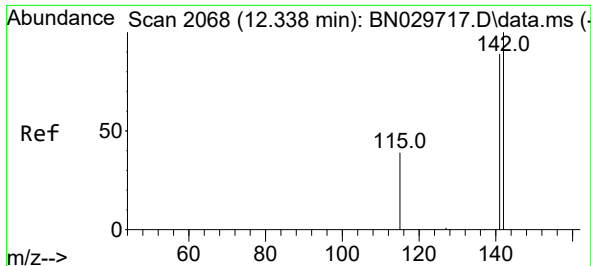
Tgt Ion: 88 Resp: 3251
Ion Ratio Lower Upper
88 100
43 26.9 21.8 32.6
58 49.0 39.3 58.9



#5
Naphthalene
Concen: 0.441 ng/ul
RT: 10.720 min Scan# 1774
Delta R.T. -0.007 min
Lab File: BN029725.D
Acq: 12 Feb 2024 22:38

Tgt Ion: 128 Resp: 17897
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.3 11.0 16.6

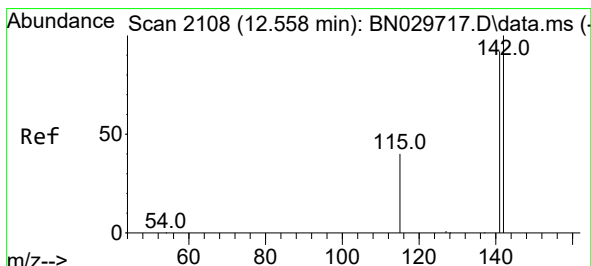
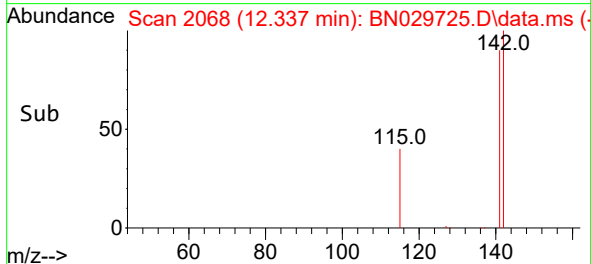
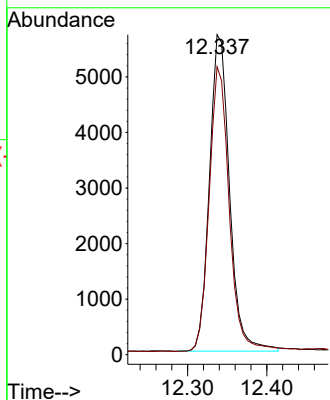
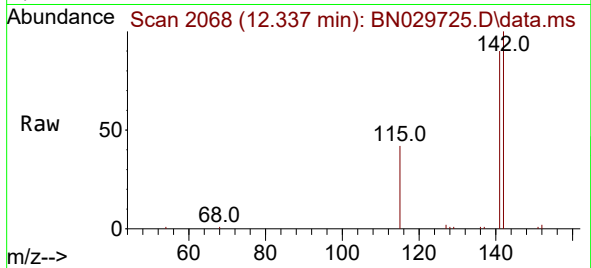




#7
2-Methylnaphthalene
Concen: 0.431 ng/ul
RT: 12.337 min Scan# 2068
Delta R.T. -0.007 min
Lab File: BN029725.D
Acq: 12 Feb 2024 22:38

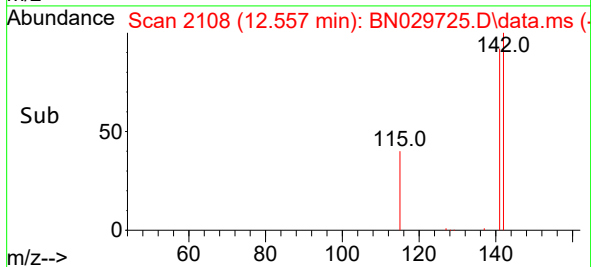
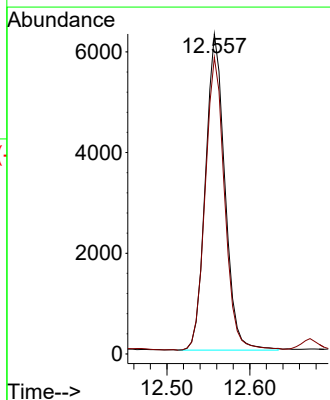
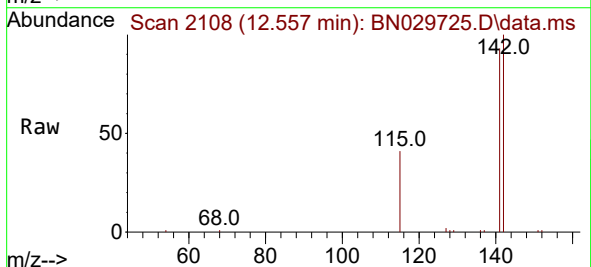
Instrument :
BNA_N
ClientSampleId :
SSTD0.4346

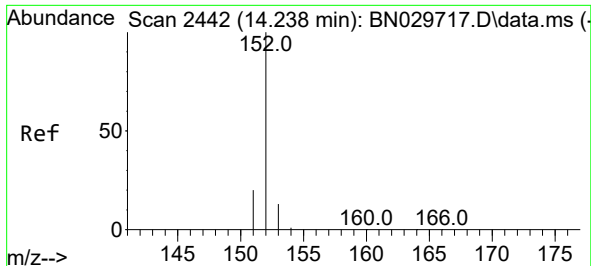
Tgt Ion:142 Resp: 10035
Ion Ratio Lower Upper
142 100
141 89.7 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.431 ng/ul
RT: 12.557 min Scan# 2108
Delta R.T. -0.007 min
Lab File: BN029725.D
Acq: 12 Feb 2024 22:38

Tgt Ion:142 Resp: 10196
Ion Ratio Lower Upper
142 100
141 92.5 73.9 110.9

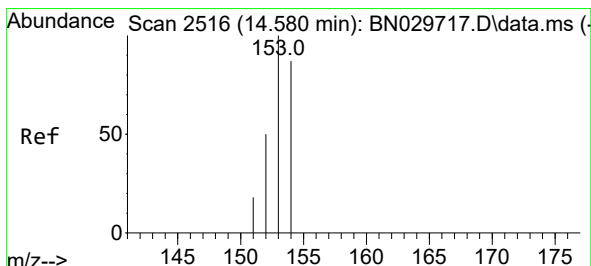
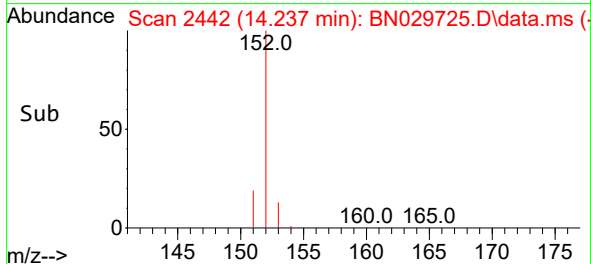
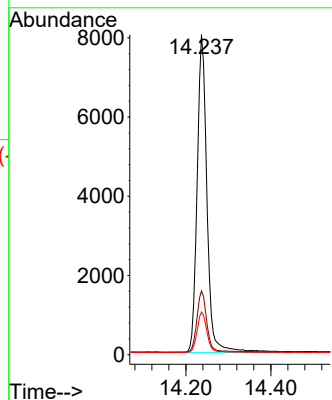
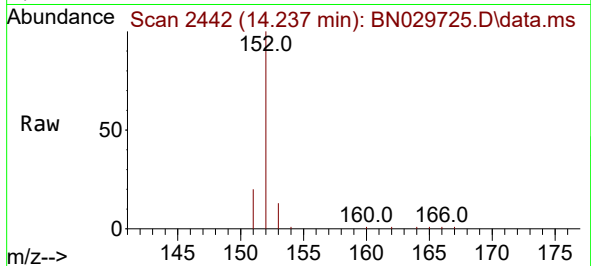




#10
Acenaphthylene
Concen: 0.432 ng/ul
RT: 14.237 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BN029725.D
Acq: 12 Feb 2024 22:38

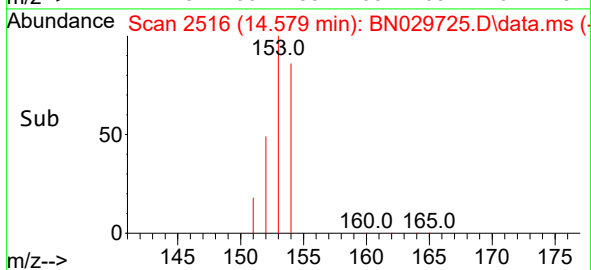
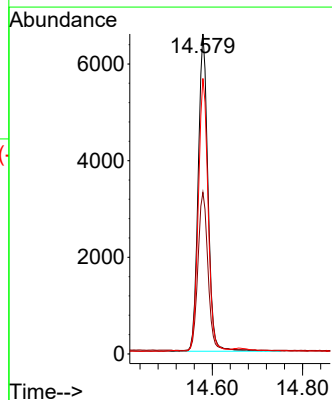
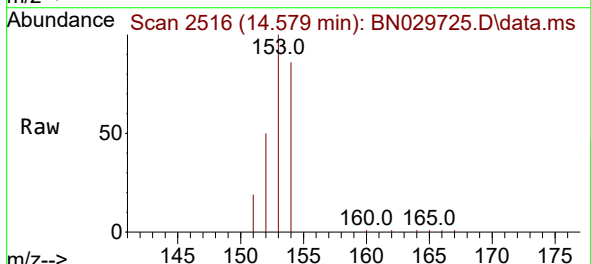
Instrument :
BNA_N
ClientSampleId :
SSTD0.4346

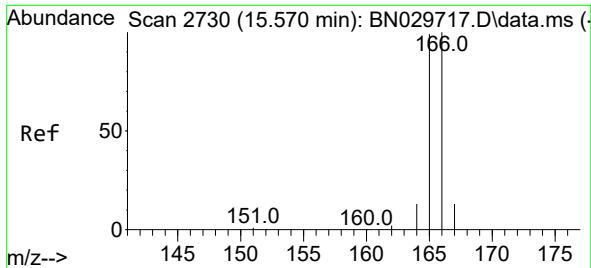
Tgt Ion:152 Resp: 12880
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.4 10.9 16.3



#11
Acenaphthene
Concen: 0.437 ng/ul
RT: 14.579 min Scan# 2516
Delta R.T. -0.006 min
Lab File: BN029725.D
Acq: 12 Feb 2024 22:38

Tgt Ion:153 Resp: 9900
Ion Ratio Lower Upper
153 100
152 50.5 41.5 62.3
154 86.1 70.9 106.3

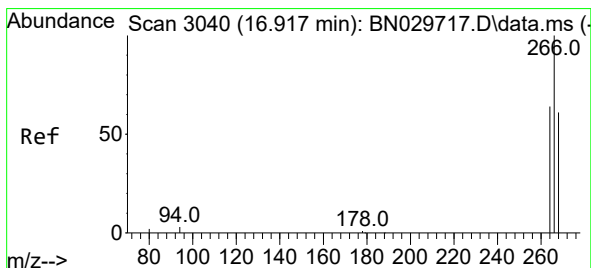
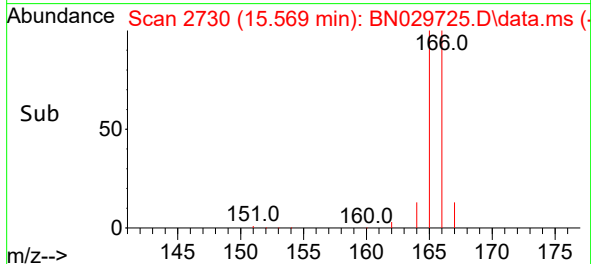
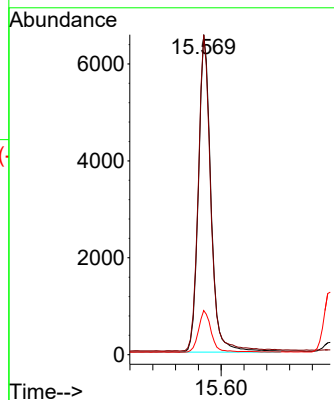
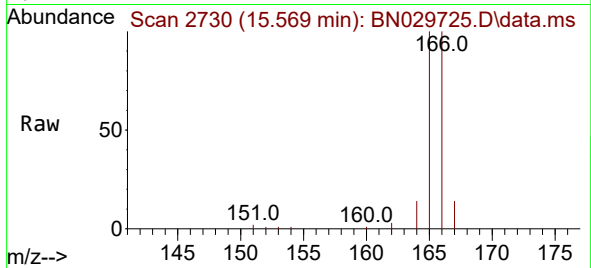




#12
Fluorene
Concen: 0.420 ng/ul
RT: 15.569 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN029725.D
Acq: 12 Feb 2024 22:38

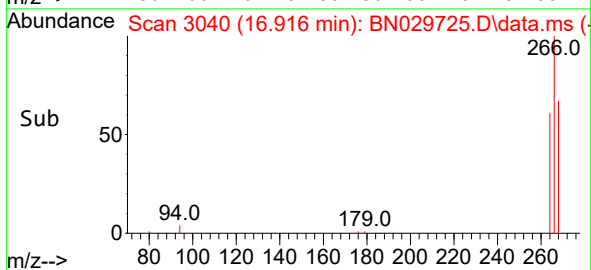
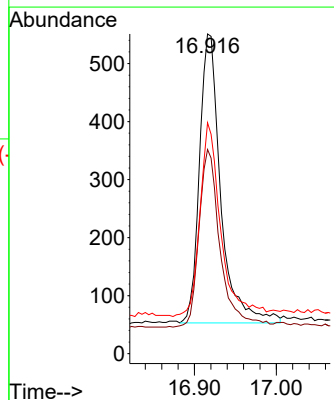
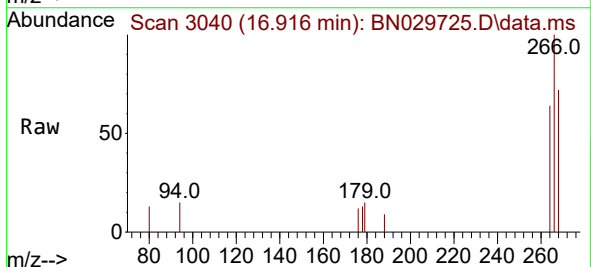
Instrument :
BNA_N
ClientSampleId :
SSTD0.4346

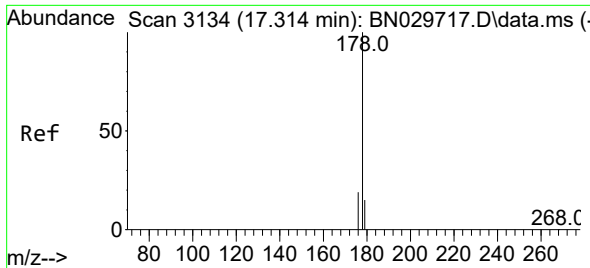
Tgt Ion:166 Resp: 9947
Ion Ratio Lower Upper
166 100
165 100.0 78.6 117.8
167 13.8 11.5 17.3



#14
Pentachlorophenol
Concen: 0.382 ng/ul
RT: 16.916 min Scan# 3040
Delta R.T. -0.005 min
Lab File: BN029725.D
Acq: 12 Feb 2024 22:38

Tgt Ion:266 Resp: 899
Ion Ratio Lower Upper
266 100
264 61.0 0.0 0.0#
268 66.7 0.2 0.2#

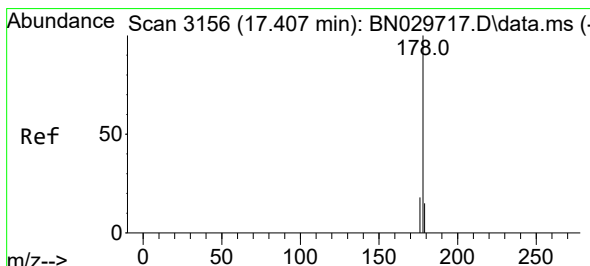
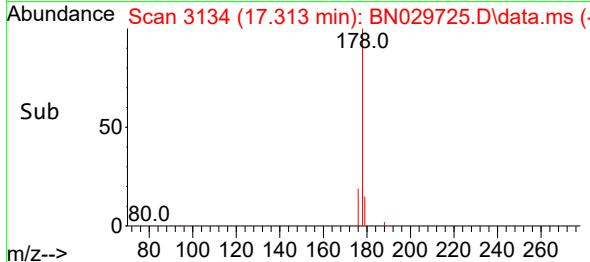
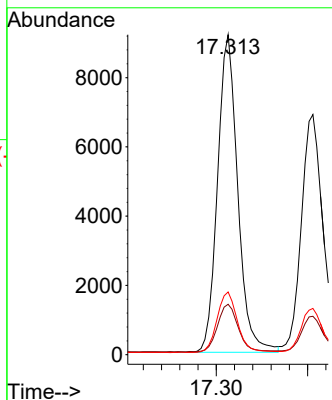
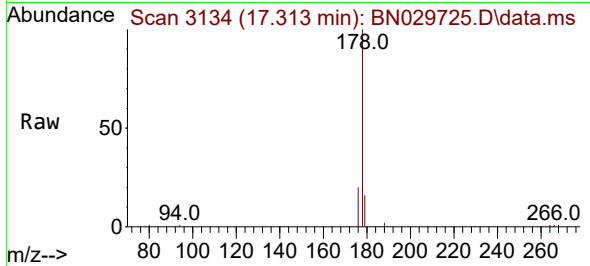




#15
Phenanthrene
Concen: 0.426 ng/ul
RT: 17.313 min Scan# 3134
Delta R.T. -0.001 min
Lab File: BN029725.D
Acq: 12 Feb 2024 22:38

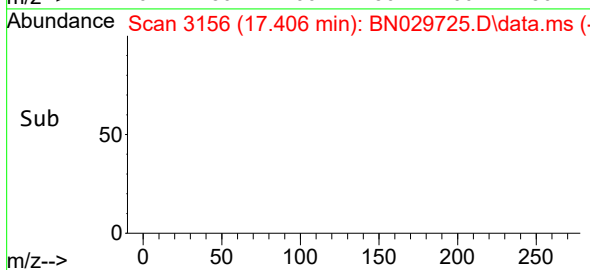
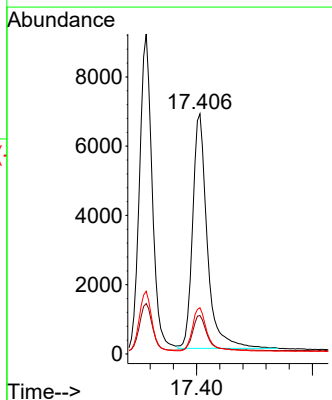
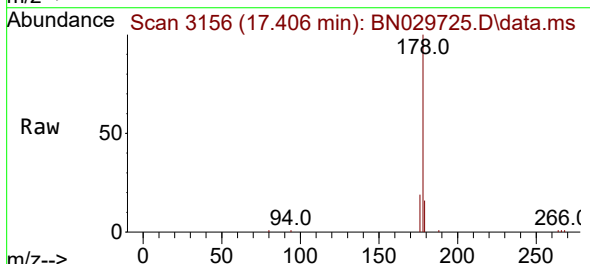
Instrument :
BNA_N
ClientSampleId :
SSTD0.4346

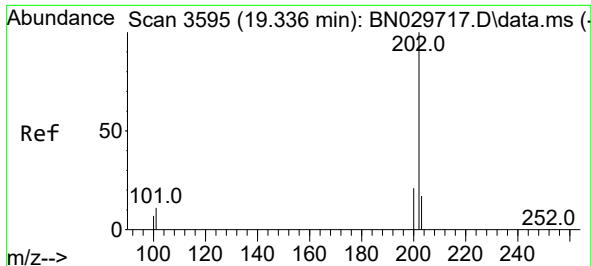
Tgt Ion:178 Resp: 14045
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.6 15.7 23.5



#16
Anthracene
Concen: 0.428 ng/ul
RT: 17.406 min Scan# 3156
Delta R.T. -0.001 min
Lab File: BN029725.D
Acq: 12 Feb 2024 22:38

Tgt Ion:178 Resp: 11860
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.2 15.8 23.8

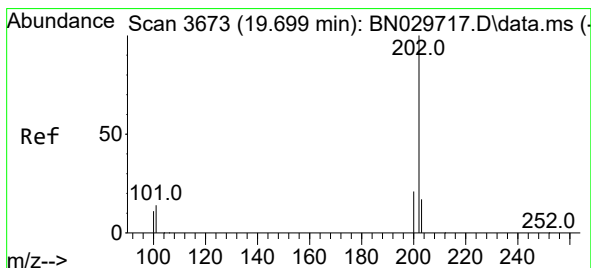
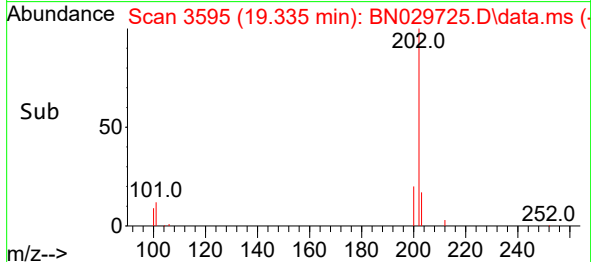
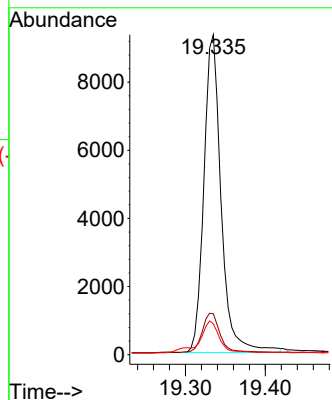
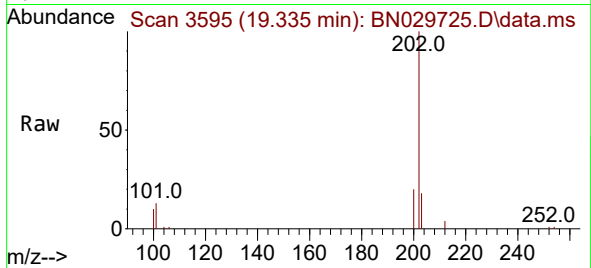




#19
Fluoranthene
Concen: 0.412 ng/ul
RT: 19.335 min Scan# 3595
Delta R.T. -0.002 min
Lab File: BN029725.D
Acq: 12 Feb 2024 22:38

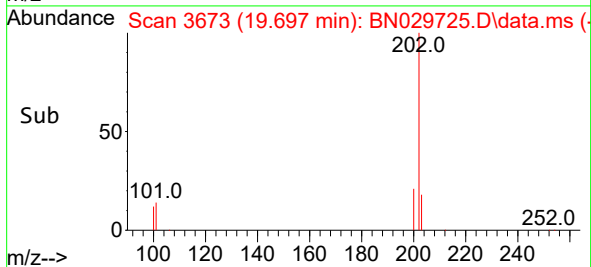
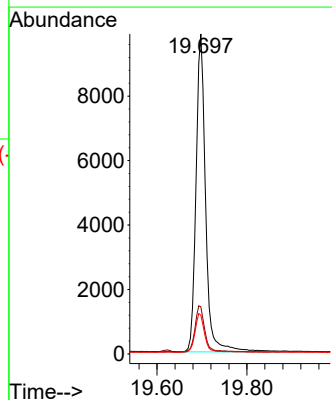
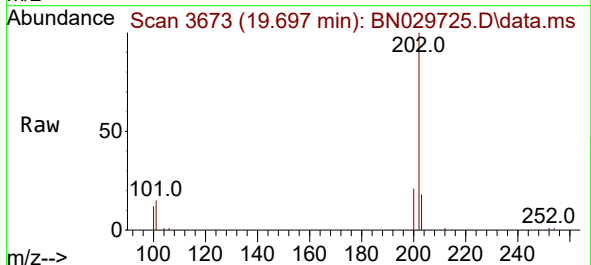
Instrument :
BNA_N
ClientSampleId :
SSTD0.4346

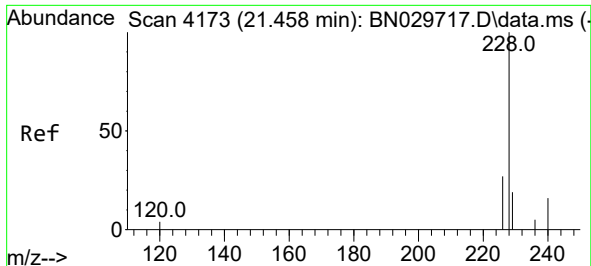
Tgt Ion:202 Resp: 14056
Ion Ratio Lower Upper
202 100
101 12.8 10.4 15.6
100 9.6 8.5 12.7



#20
Pyrene
Concen: 0.419 ng/ul
RT: 19.697 min Scan# 3673
Delta R.T. -0.002 min
Lab File: BN029725.D
Acq: 12 Feb 2024 22:38

Tgt Ion:202 Resp: 14660
Ion Ratio Lower Upper
202 100
101 14.8 12.5 18.7
100 12.2 10.0 15.0

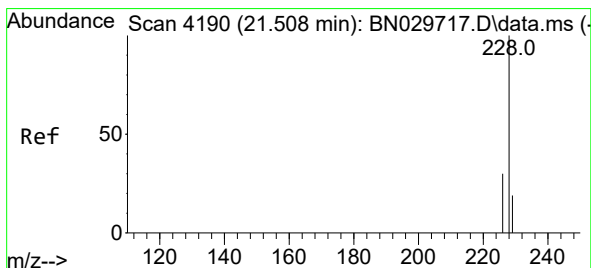
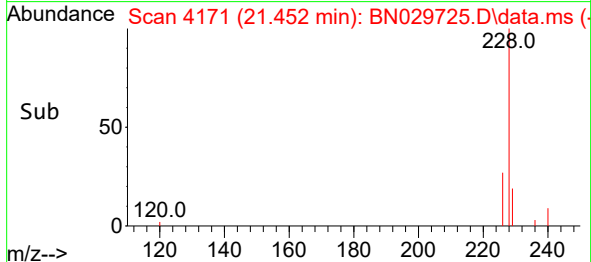
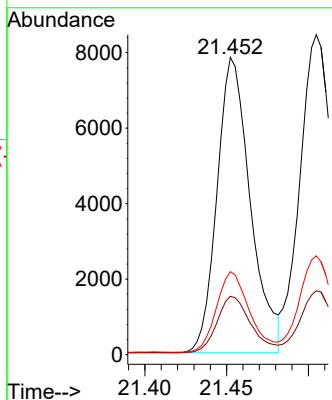
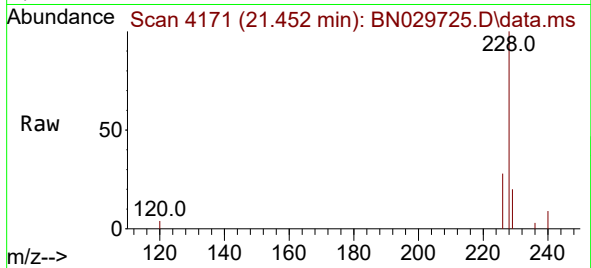




#21
Benzo(a)anthracene
Concen: 0.416 ng/ul
RT: 21.452 min Scan# 4171
Delta R.T. -0.005 min
Lab File: BN029725.D
Acq: 12 Feb 2024 22:38

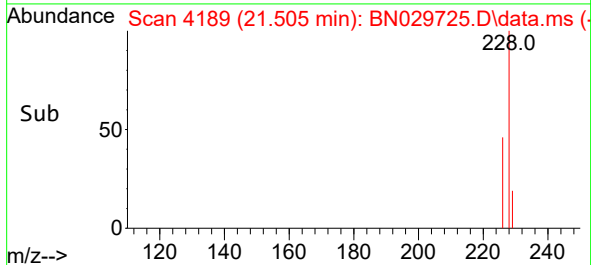
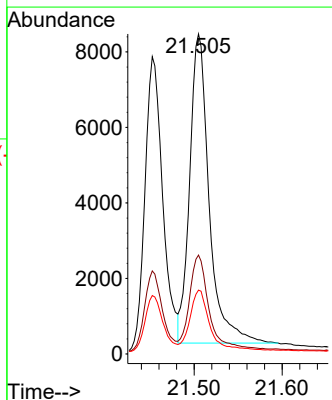
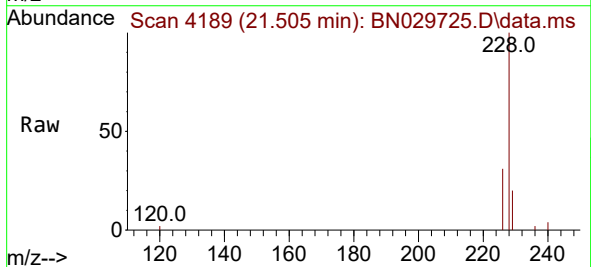
Instrument :
BNA_N
ClientSampleId :
SSTD0.4346

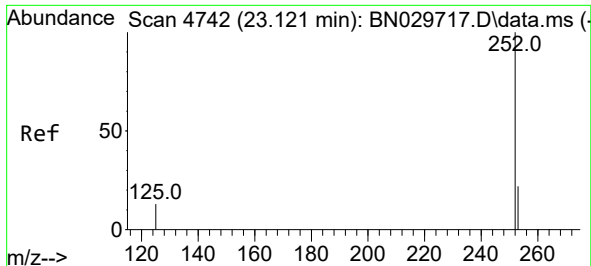
Tgt Ion:228 Resp: 11123
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.9 22.2 33.4



#22
Chrysene
Concen: 0.430 ng/ul
RT: 21.505 min Scan# 4189
Delta R.T. -0.005 min
Lab File: BN029725.D
Acq: 12 Feb 2024 22:38

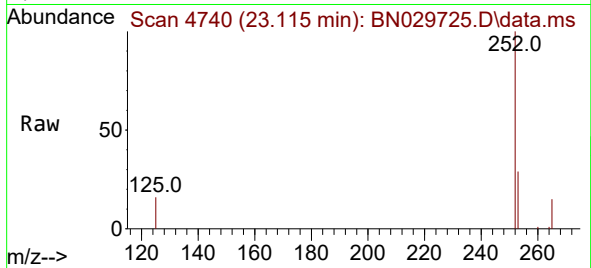
Tgt Ion:228 Resp: 12599
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.2
229 20.0 15.7 23.5



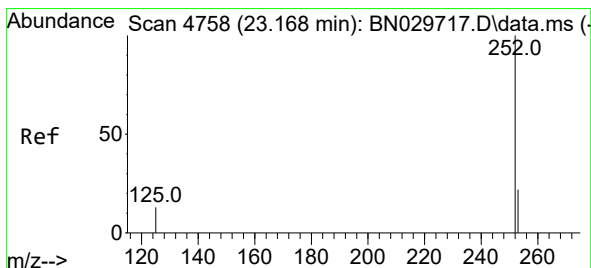
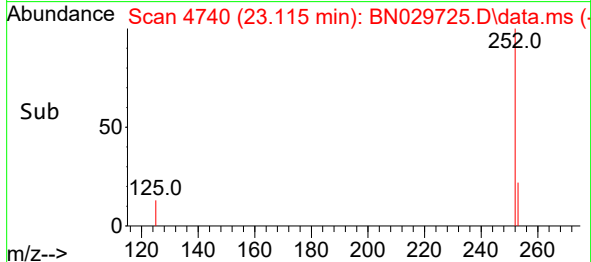
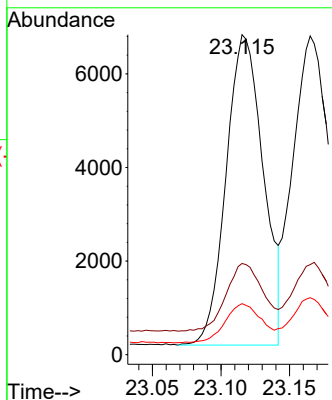


#24
Benzo(b)fluoranthene
Concen: 0.450 ng/ul
RT: 23.115 min Scan# 4740
Delta R.T. -0.005 min
Lab File: BN029725.D
Acq: 12 Feb 2024 22:38

Instrument :
BNA_N
ClientSampleId :
SSTD0.4346

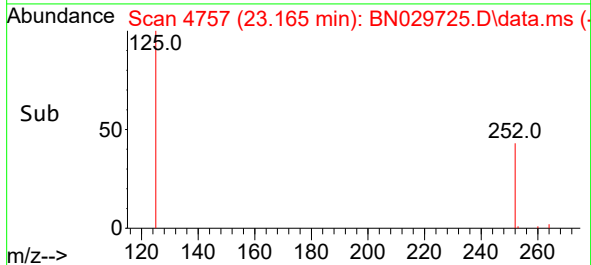
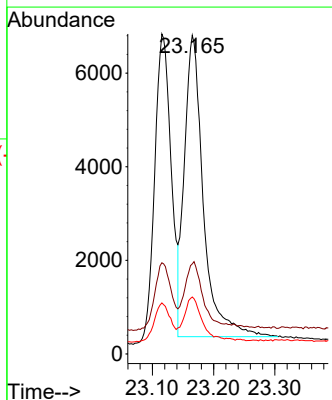
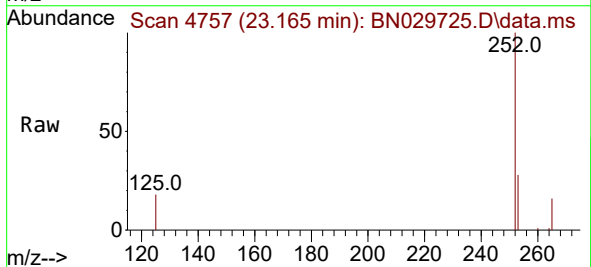


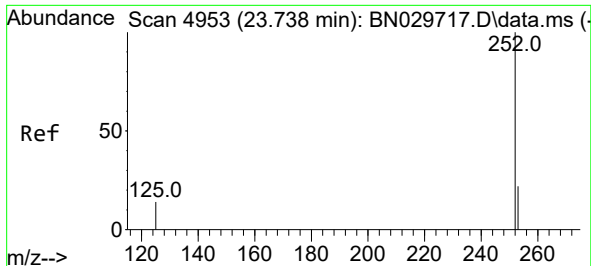
Tgt Ion:252 Resp: 12504
Ion Ratio Lower Upper
252 100
253 28.5 0.0 56.8
125 15.9 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.450 ng/ul
RT: 23.165 min Scan# 4757
Delta R.T. -0.005 min
Lab File: BN029725.D
Acq: 12 Feb 2024 22:38

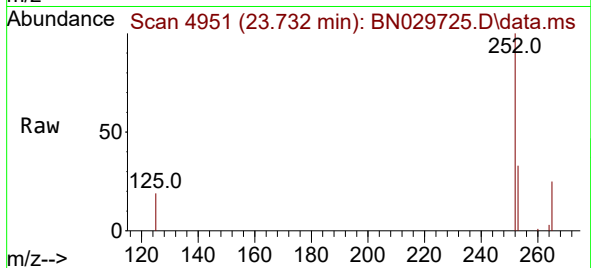
Tgt Ion:252 Resp: 13852
Ion Ratio Lower Upper
252 100
253 28.3 22.6 33.8
125 17.9 15.3 22.9



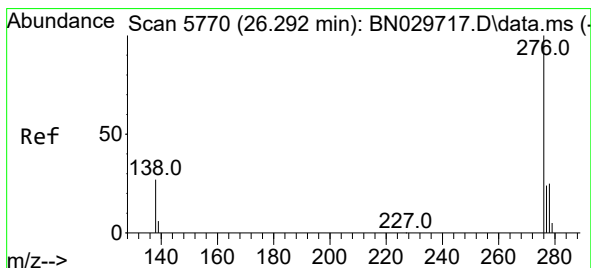
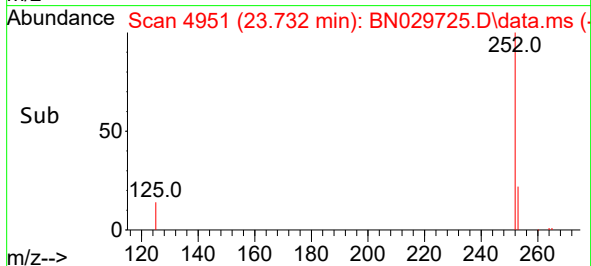
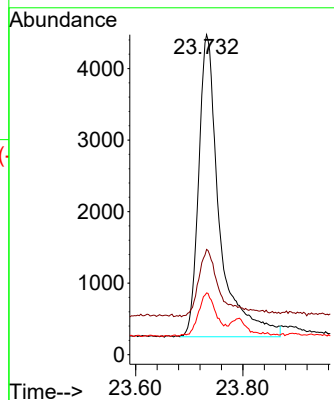


#26
Benzo(a)pyrene
Concen: 0.435 ng/ul
RT: 23.732 min Scan# 4951
Delta R.T. -0.005 min
Lab File: BN029725.D
Acq: 12 Feb 2024 22:38

Instrument :
BNA_N
ClientSampleId :
SSTD0.4346

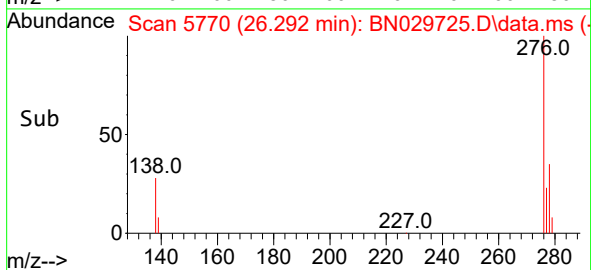
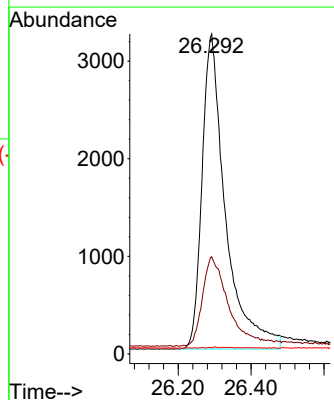
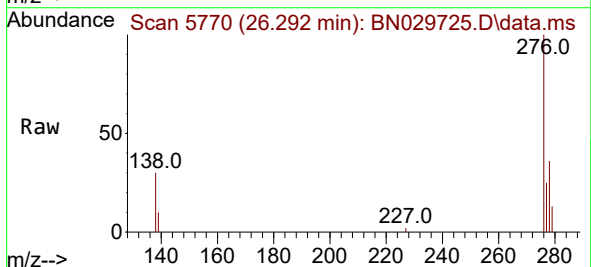


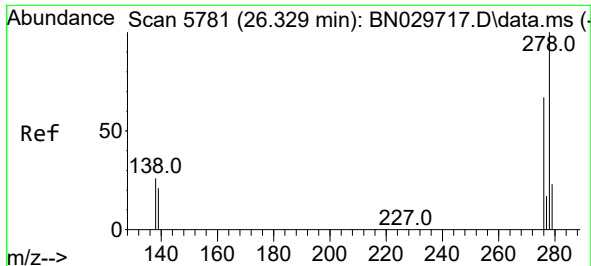
Tgt Ion:252 Resp: 11351
Ion Ratio Lower Upper
252 100
253 32.9 25.4 38.0
125 19.3 16.0 24.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.453 ng/ul
RT: 26.292 min Scan# 5770
Delta R.T. -0.002 min
Lab File: BN029725.D
Acq: 12 Feb 2024 22:38

Tgt Ion:276 Resp: 14376
Ion Ratio Lower Upper
276 100
138 31.4 0.0 0.0#
227 0.0 0.0 0.0#

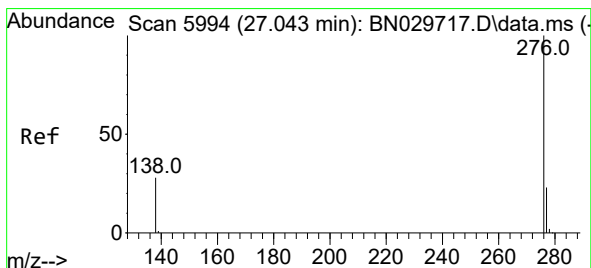
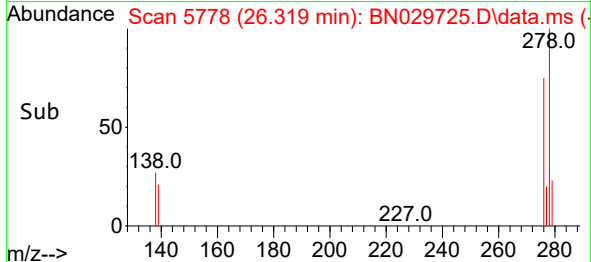
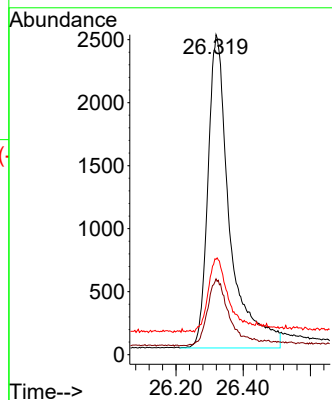
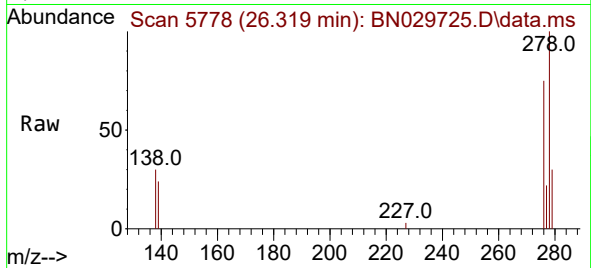




#28
Dibenzo(a,h)anthracene
Concen: 0.448 ng/ul
RT: 26.319 min Scan# 51138
Delta R.T. -0.005 min
Lab File: BN029725.D
Acq: 12 Feb 2024 22:38

Instrument :
BNA_N
ClientSampleId :
SSTD0.4346

Tgt Ion:278 Resp: 11138
Ion Ratio Lower Upper
278 100
139 23.7 19.0 28.4
279 29.8 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.463 ng/ul
RT: 27.036 min Scan# 5992
Delta R.T. -0.008 min
Lab File: BN029725.D
Acq: 12 Feb 2024 22:38

Tgt Ion:276 Resp: 13323
Ion Ratio Lower Upper
276 100
138 29.5 24.6 37.0
277 25.0 19.7 29.5

