

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021124\
 Data File : BN029691.D
 Acq On : 11 Feb 2024 18:56
 Operator : MA/JU
 Sample : PB158922BS
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

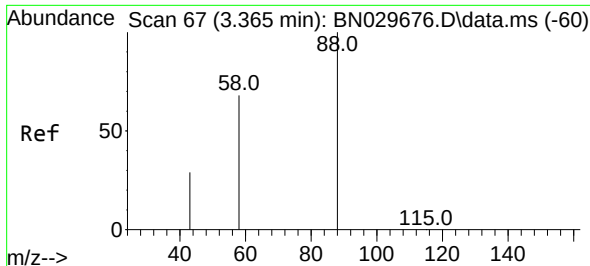
Instrument :
 BNA_N
 ClientSampleId :
 SLCS922

Quant Time: Feb 11 23:27:52 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	7.880	152	4735	0.400	ng/ul	0.00
4) Naphthalene-d8	10.672	136	13014	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.520	164	5767	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	10773	0.400	ng/ul	0.00
17) Chrysene-d12	21.471	240	7906	0.400	ng/ul	0.00
23) Perylene-d12	23.845	264	7734	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	5314	0.900	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	7475	0.451	ng/ul	0.00
18) Fluoranthene-d10	19.304	212	11743	0.452	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.365	88	16885	2.627	ng/ul#	88
5) Naphthalene	10.727	128	16672	0.455	ng/ul	100
7) 2-Methylnaphthalene	12.344	142	9523	0.453	ng/ul	100
8) 1-Methylnaphthalene	12.558	142	9399	0.440	ng/ul	100
10) Acenaphthylene	14.243	152	12633	0.449	ng/ul	99
11) Acenaphthene	14.580	153	9652	0.451	ng/ul	99
12) Fluorene	15.575	166	10109	0.452	ng/ul	99
14) Pentachlorophenol	16.917	266	2238	0.931	ng/ul#	50
15) Phenanthrene	17.314	178	15256	0.453	ng/ul	99
16) Anthracene	17.407	178	12817	0.453	ng/ul	99
19) Fluoranthene	19.336	202	16055	0.442	ng/ul	99
20) Pyrene	19.699	202	16788	0.451	ng/ul	99
21) Benzo(a)anthracene	21.457	228	12937	0.454	ng/ul	99
22) Chrysene	21.509	228	14663	0.470	ng/ul	100
24) Benzo(b)fluoranthene	23.123	252	14342	0.493	ng/ul	99
25) Benzo(k)fluoranthene	23.172	252	15889	0.492	ng/ul	98
26) Benzo(a)pyrene	23.737	252	13098	0.479	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.294	276	16156	0.487	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.327	278	12540	0.481	ng/ul	98
29) Benzo(g,h,i)perylene	27.041	276	14841	0.492	ng/ul	98

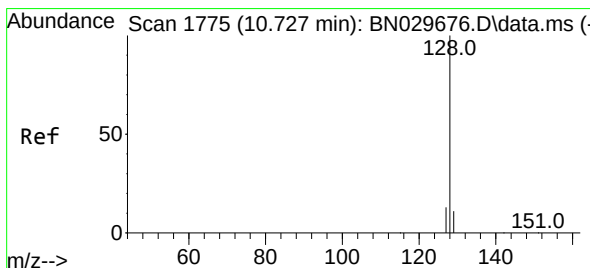
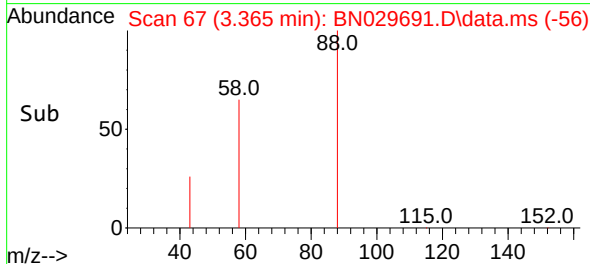
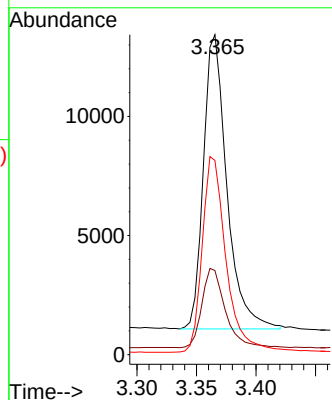
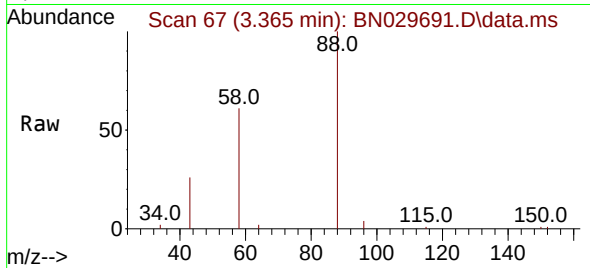
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 2.627 ng/ul
RT: 3.365 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN029691.D
Acq: 11 Feb 2024 18:56

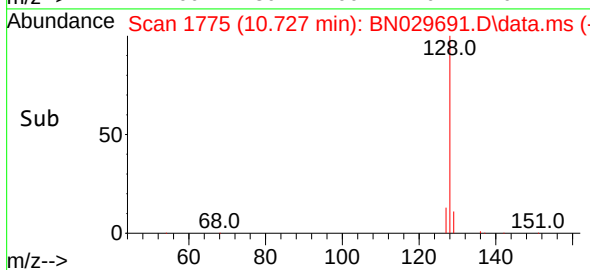
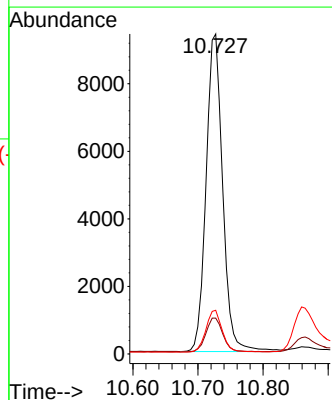
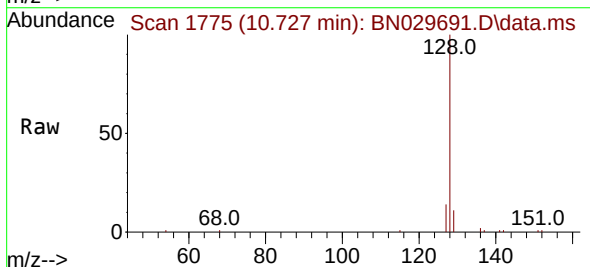
Instrument :
BNA_N
ClientSampleId :
SLCS922

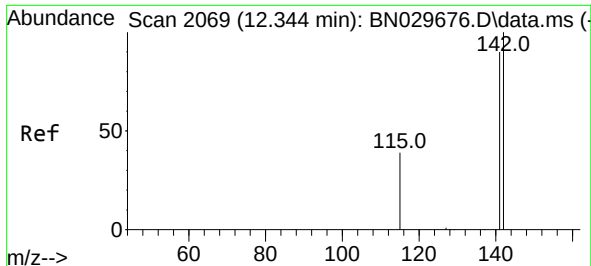
Tgt Ion: 88 Resp: 16885
Ion Ratio Lower Upper
88 100
43 26.3 21.8 32.6
58 60.7 39.3 58.9#



#5
Naphthalene
Concen: 0.455 ng/ul
RT: 10.727 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BN029691.D
Acq: 11 Feb 2024 18:56

Tgt Ion:128 Resp: 16672
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.6 11.0 16.6

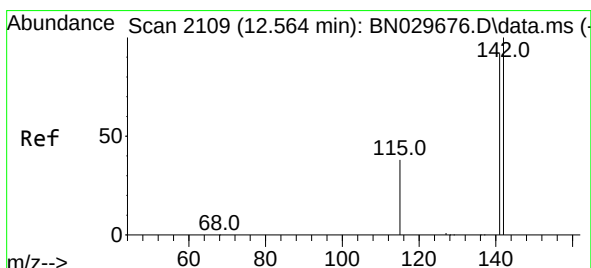
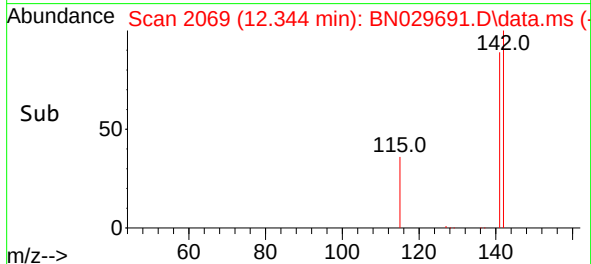
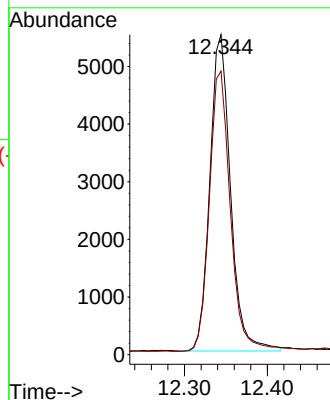
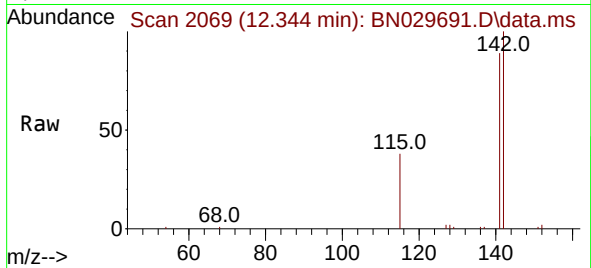




#7
2-Methylnaphthalene
Concen: 0.453 ng/ul
RT: 12.344 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BN029691.D
Acq: 11 Feb 2024 18:56

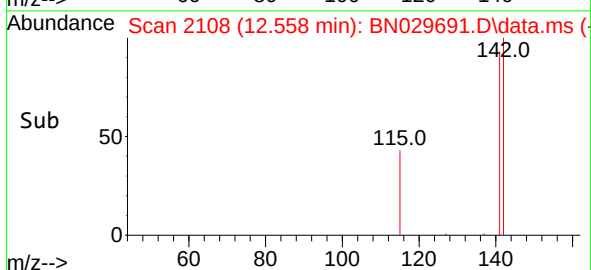
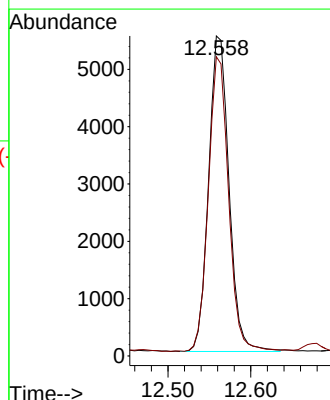
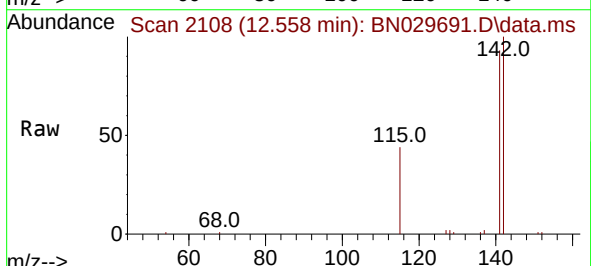
Instrument :
BNA_N
ClientSampleId :
SLCS922

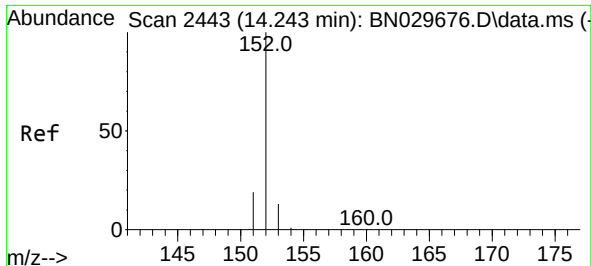
Tgt Ion:142 Resp: 9523
Ion Ratio Lower Upper
142 100
141 89.9 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.440 ng/ul
RT: 12.558 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BN029691.D
Acq: 11 Feb 2024 18:56

Tgt Ion:142 Resp: 9399
Ion Ratio Lower Upper
142 100
141 92.6 73.9 110.9

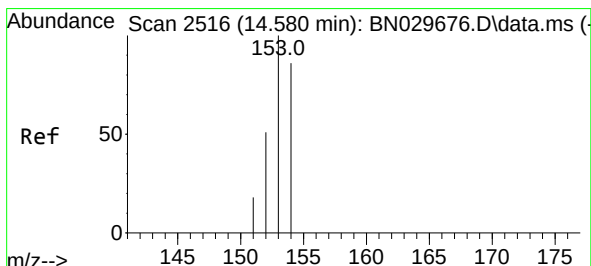
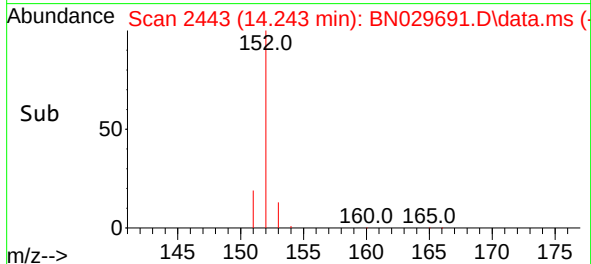
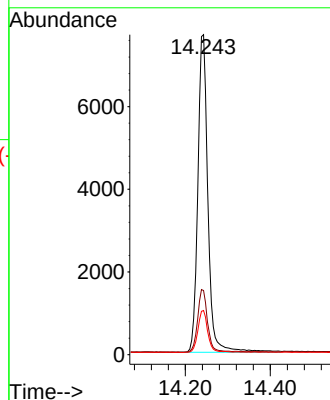
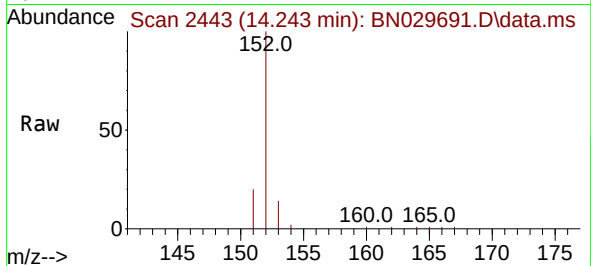




#10
Acenaphthylene
Concen: 0.449 ng/ul
RT: 14.243 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN029691.D
Acq: 11 Feb 2024 18:56

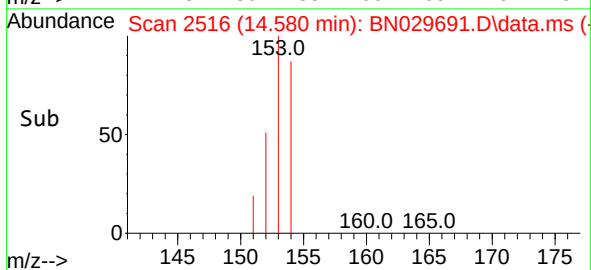
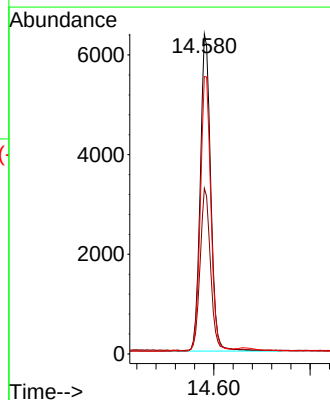
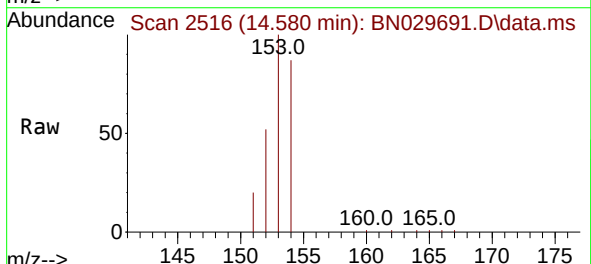
Instrument :
BNA_N
ClientSampleId :
SLCS922

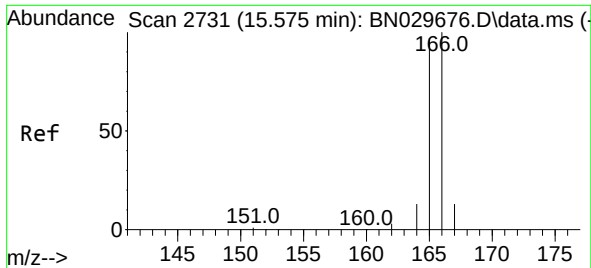
Tgt Ion:152 Resp: 12633
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.8 10.9 16.3



#11
Acenaphthene
Concen: 0.451 ng/ul
RT: 14.580 min Scan# 2516
Delta R.T. -0.005 min
Lab File: BN029691.D
Acq: 11 Feb 2024 18:56

Tgt Ion:153 Resp: 9652
Ion Ratio Lower Upper
153 100
152 51.8 41.5 62.3
154 86.7 70.9 106.3

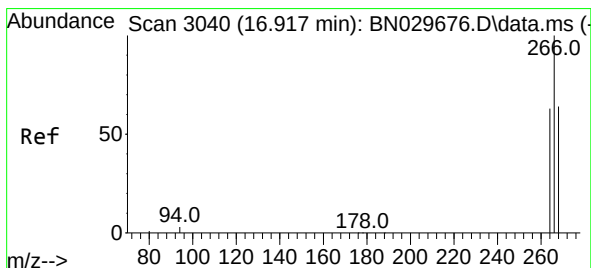
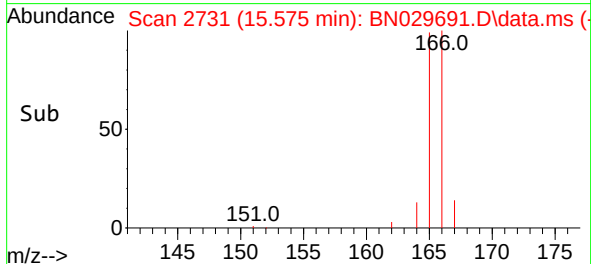
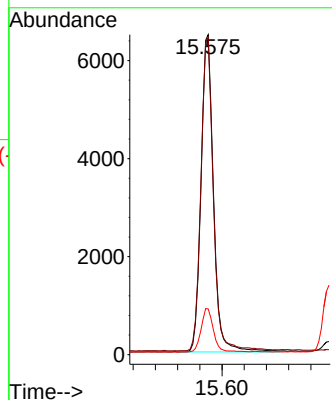
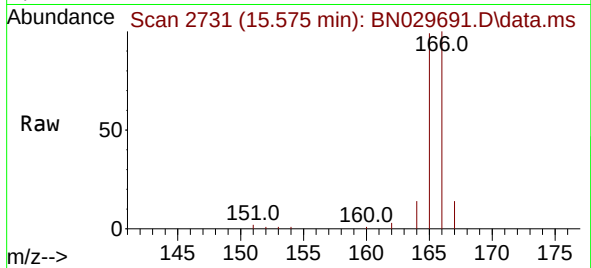




#12
Fluorene
Concen: 0.452 ng/ul
RT: 15.575 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN029691.D
Acq: 11 Feb 2024 18:56

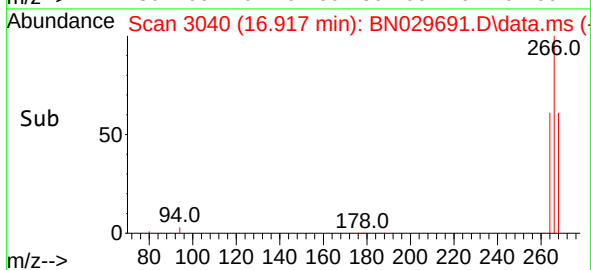
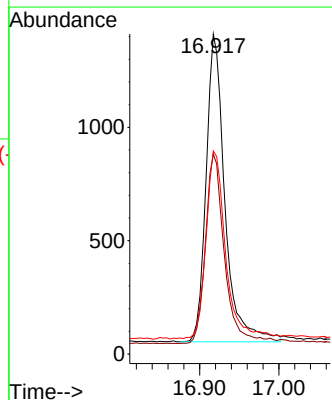
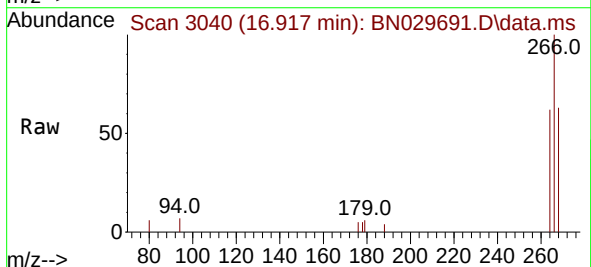
Instrument :
BNA_N
ClientSampleId :
SLCS922

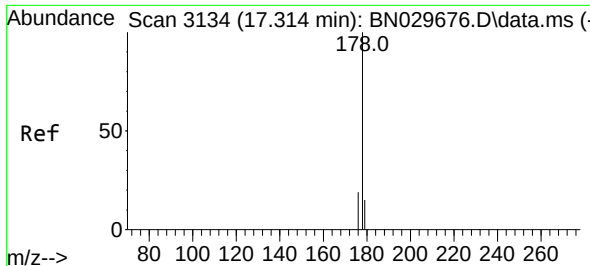
Tgt Ion:166 Resp: 10109
Ion Ratio Lower Upper
166 100
165 99.1 78.6 117.8
167 14.3 11.5 17.3



#14
Pentachlorophenol
Concen: 0.931 ng/ul
RT: 16.917 min Scan# 3040
Delta R.T. -0.004 min
Lab File: BN029691.D
Acq: 11 Feb 2024 18:56

Tgt Ion:266 Resp: 2238
Ion Ratio Lower Upper
266 100
264 62.8 0.0 0.0#
268 64.3 0.2 0.2#

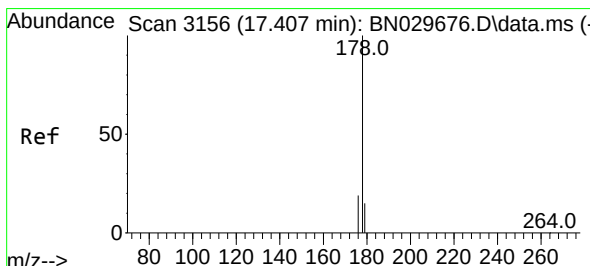
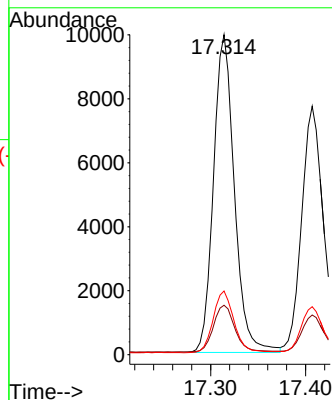
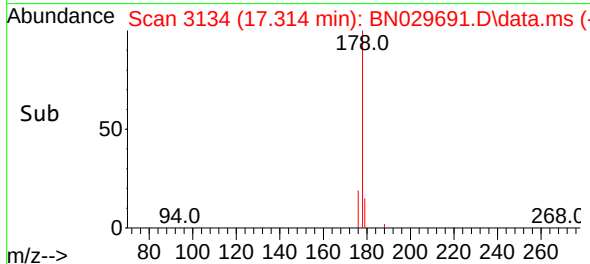
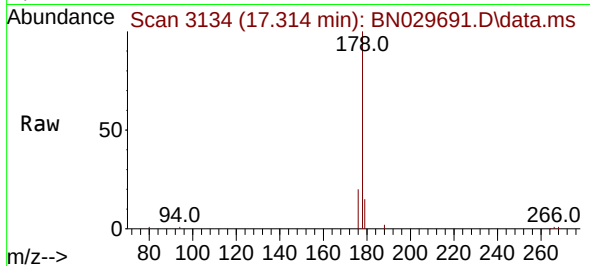




#15
Phenanthrene
Concen: 0.453 ng/ul
RT: 17.314 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BN029691.D
Acq: 11 Feb 2024 18:56

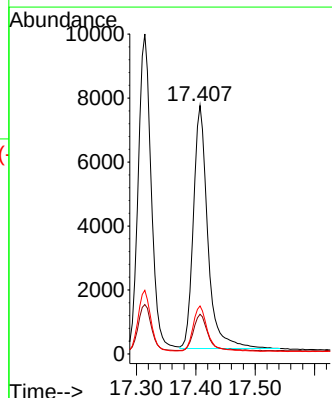
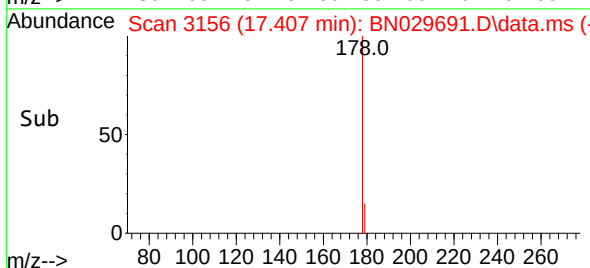
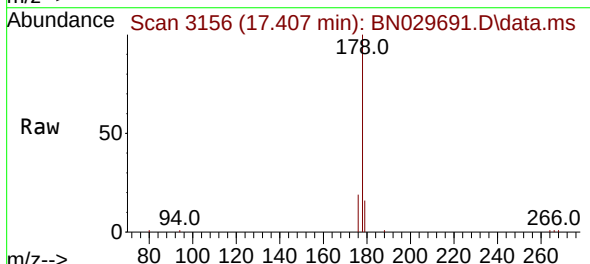
Instrument :
BNA_N
ClientSampleId :
SLCS922

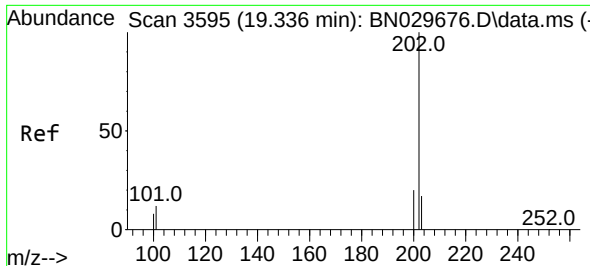
Tgt Ion:178 Resp: 15256
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.9 15.7 23.5



#16
Anthracene
Concen: 0.453 ng/ul
RT: 17.407 min Scan# 3156
Delta R.T. -0.000 min
Lab File: BN029691.D
Acq: 11 Feb 2024 18:56

Tgt Ion:178 Resp: 12817
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.3 15.8 23.8

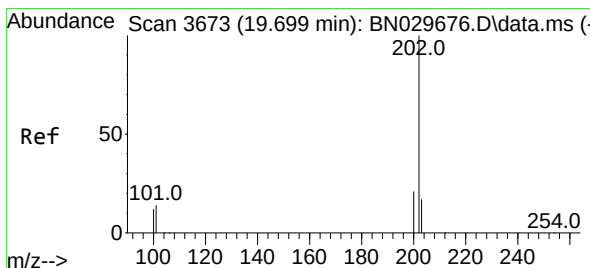
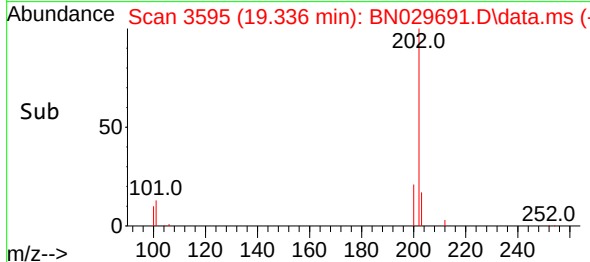
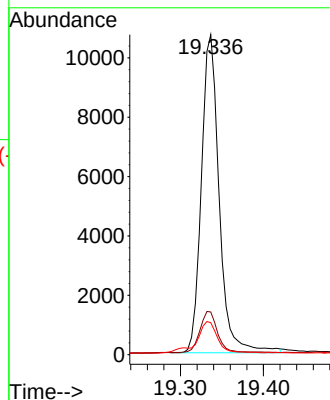
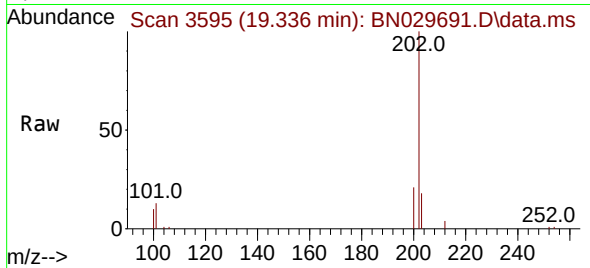




#19
Fluoranthene
Concen: 0.442 ng/ul
RT: 19.336 min Scan# 3595
Delta R.T. -0.000 min
Lab File: BN029691.D
Acq: 11 Feb 2024 18:56

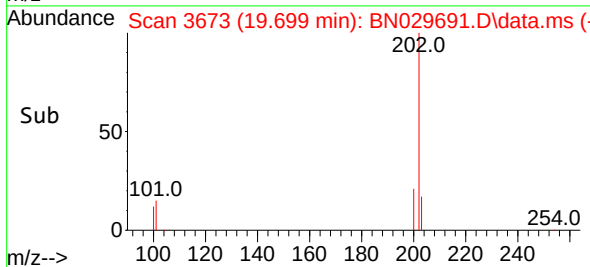
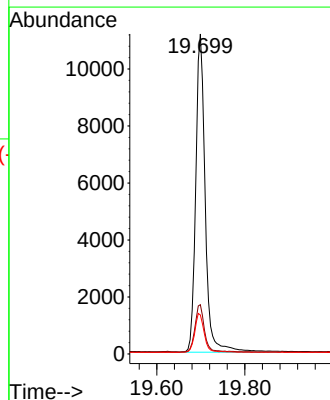
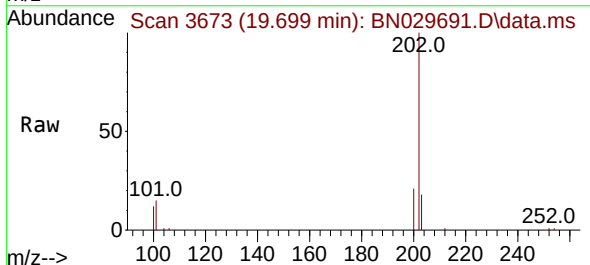
Instrument :
BNA_N
ClientSampleId :
SLCS922

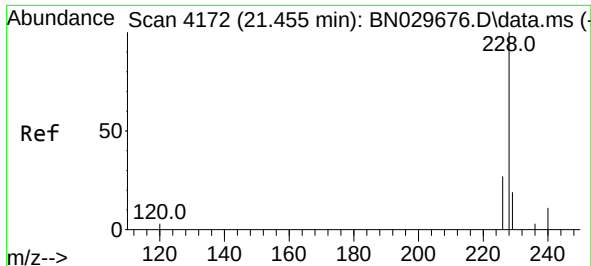
Tgt Ion:202 Resp: 16055
Ion Ratio Lower Upper
202 100
101 13.4 10.4 15.6
100 10.0 8.5 12.7



#20
Pyrene
Concen: 0.451 ng/ul
RT: 19.699 min Scan# 3673
Delta R.T. -0.000 min
Lab File: BN029691.D
Acq: 11 Feb 2024 18:56

Tgt Ion:202 Resp: 16788
Ion Ratio Lower Upper
202 100
101 15.4 12.5 18.7
100 12.2 10.0 15.0

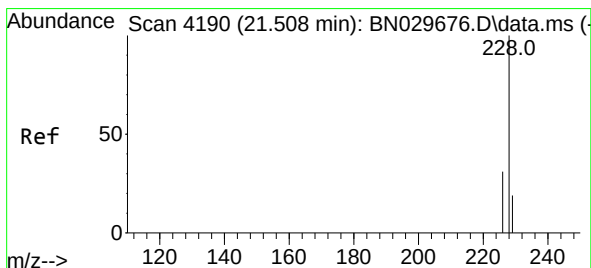
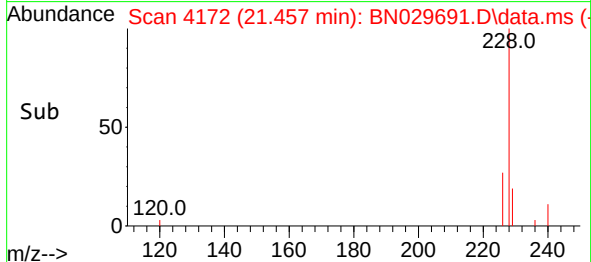
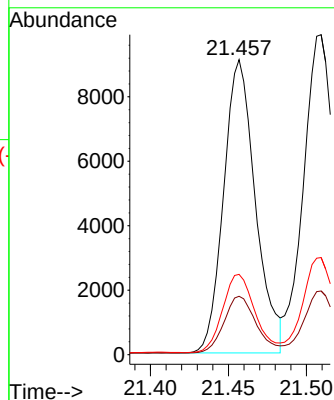
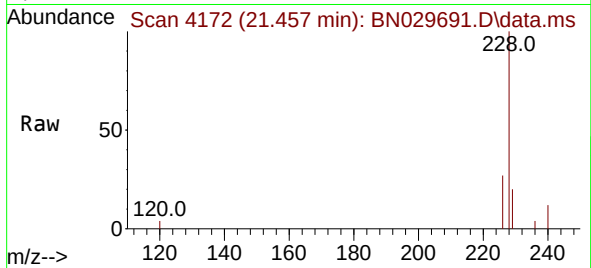




#21
Benzo(a)anthracene
Concen: 0.454 ng/ul
RT: 21.457 min Scan# 4172
Delta R.T. -0.000 min
Lab File: BN029691.D
Acq: 11 Feb 2024 18:56

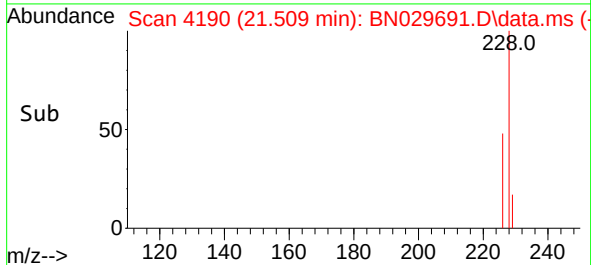
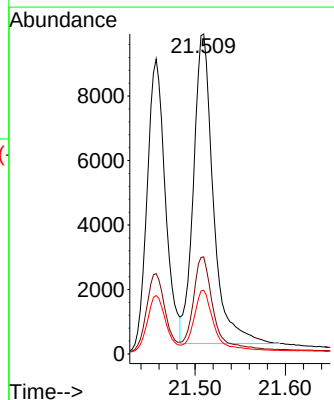
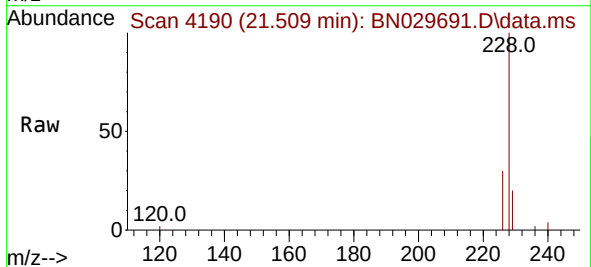
Instrument :
BNA_N
ClientSampleId :
SLCS922

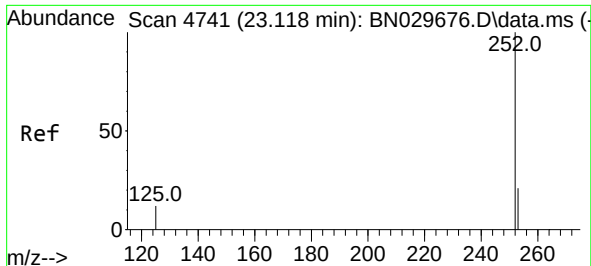
Tgt Ion:228 Resp: 12937
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.2 22.2 33.4



#22
Chrysene
Concen: 0.470 ng/ul
RT: 21.509 min Scan# 4190
Delta R.T. -0.000 min
Lab File: BN029691.D
Acq: 11 Feb 2024 18:56

Tgt Ion:228 Resp: 14663
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 19.9 15.7 23.5

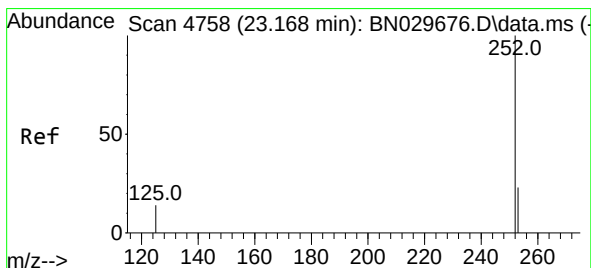
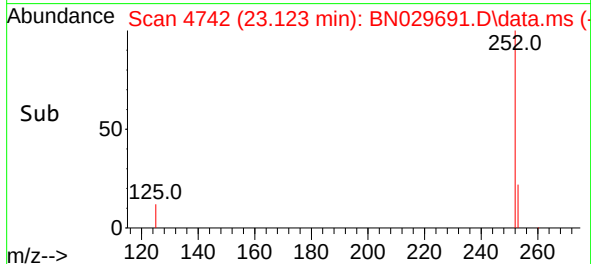
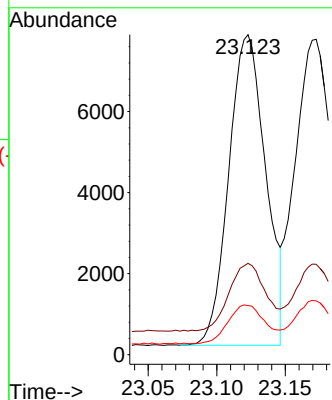
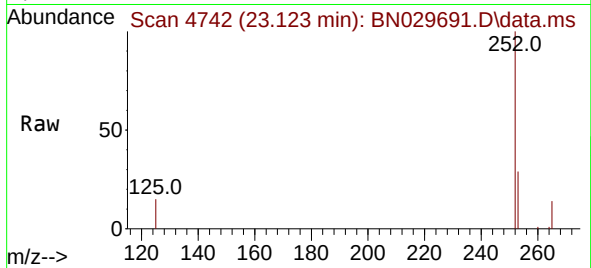




#24
Benzo(b)fluoranthene
Concen: 0.493 ng/ul
RT: 23.123 min Scan# 4742
Delta R.T. 0.003 min
Lab File: BN029691.D
Acq: 11 Feb 2024 18:56

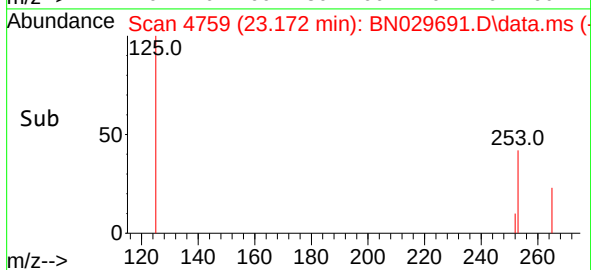
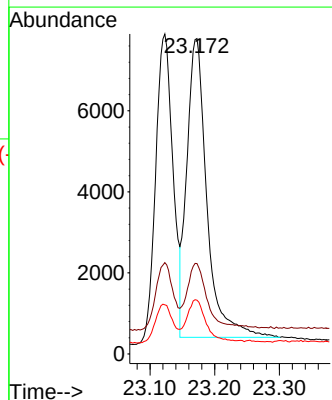
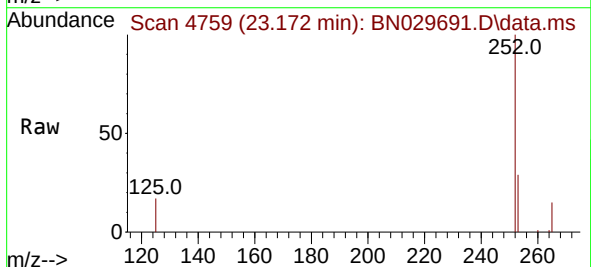
Instrument :
BNA_N
ClientSampleId :
SLCS922

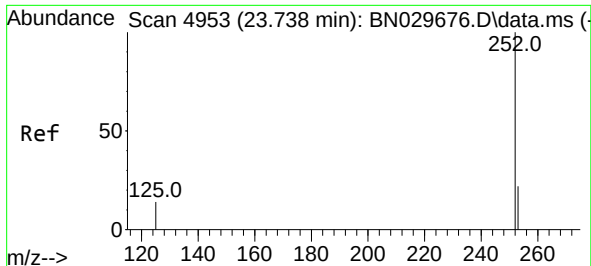
Tgt Ion:252 Resp: 14342
Ion Ratio Lower Upper
252 100
253 28.5 0.0 56.8
125 15.3 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.492 ng/ul
RT: 23.172 min Scan# 4759
Delta R.T. 0.003 min
Lab File: BN029691.D
Acq: 11 Feb 2024 18:56

Tgt Ion:252 Resp: 15889
Ion Ratio Lower Upper
252 100
253 28.7 22.6 33.8
125 17.0 15.3 22.9

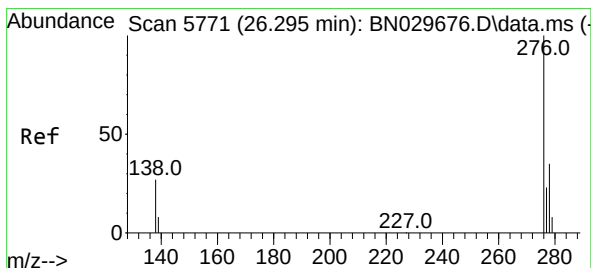
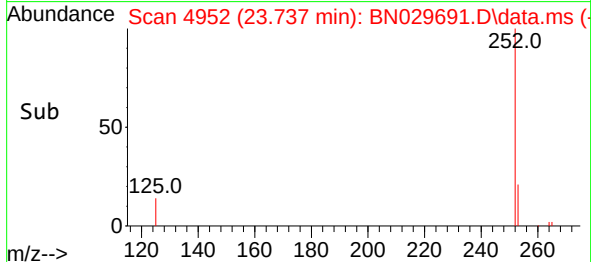
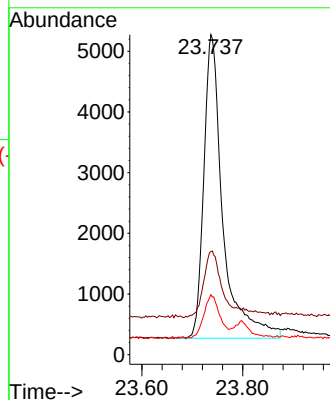
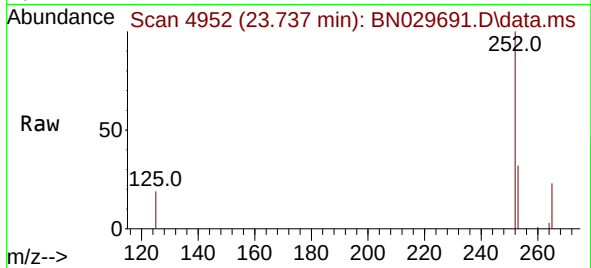




#26
Benzo(a)pyrene
Concen: 0.479 ng/ul
RT: 23.737 min Scan# 4953
Delta R.T. -0.000 min
Lab File: BN029691.D
Acq: 11 Feb 2024 18:56

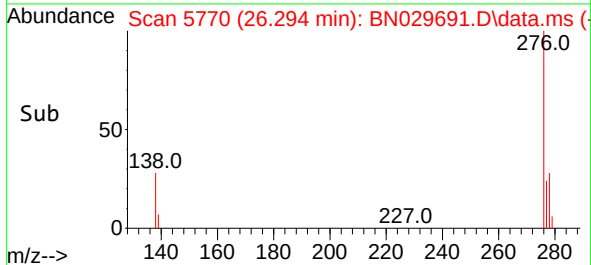
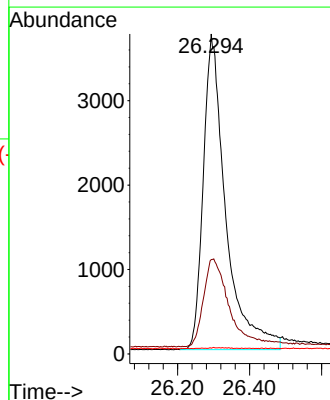
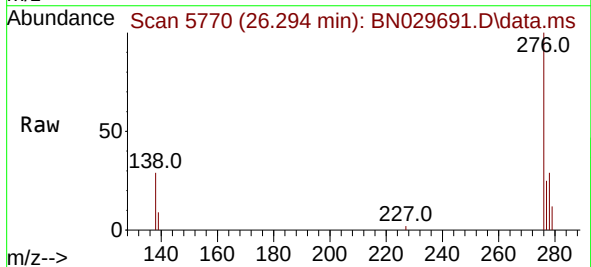
Instrument :
BNA_N
ClientSampleId :
SLCS922

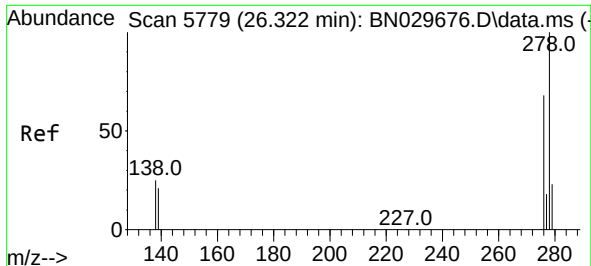
Tgt Ion:252	Resp:	13098
Ion Ratio	Lower	Upper
252	100	
253	32.2	25.4 38.0
125	18.8	16.0 24.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.487 ng/ul
RT: 26.294 min Scan# 5770
Delta R.T. -0.000 min
Lab File: BN029691.D
Acq: 11 Feb 2024 18:56

Tgt Ion:276	Resp:	16156
Ion Ratio	Lower	Upper
276	100	
138	32.1	0.0 0.0#
227	0.1	0.0 0.0#

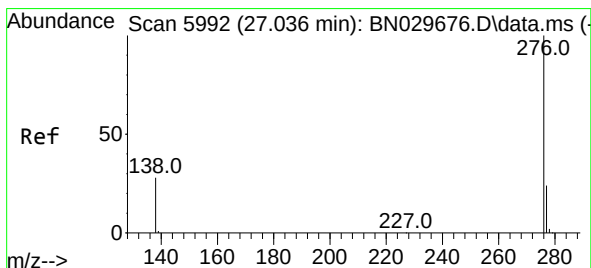
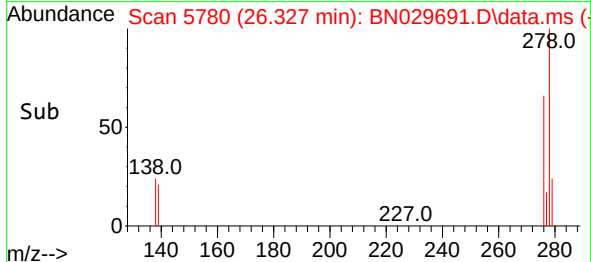
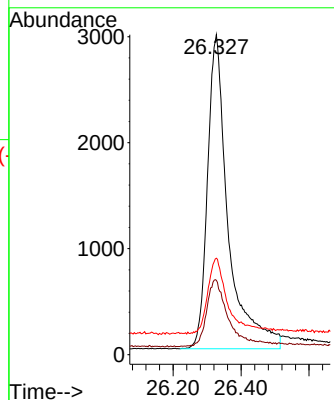
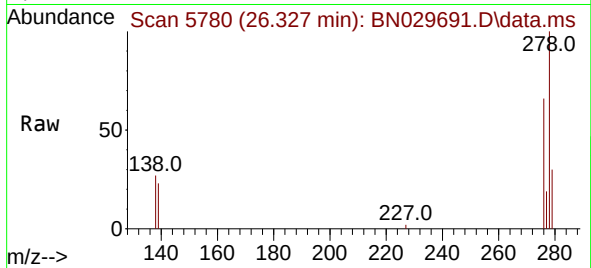




#28
Dibenzo(a,h)anthracene
Concen: 0.481 ng/ul
RT: 26.327 min Scan# 51
Delta R.T. 0.003 min
Lab File: BN029691.D
Acq: 11 Feb 2024 18:56

Instrument :
BNA_N
ClientSampleId :
SLCS922

Tgt Ion:278 Resp: 12540
Ion Ratio Lower Upper
278 100
139 23.2 19.0 28.4
279 30.1 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.492 ng/ul
RT: 27.041 min Scan# 5993
Delta R.T. -0.003 min
Lab File: BN029691.D
Acq: 11 Feb 2024 18:56

Tgt Ion:276 Resp: 14841
Ion Ratio Lower Upper
276 100
138 29.8 24.6 37.0
277 25.6 19.7 29.5

