

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060122\
 Data File : BN020013.D
 Acq On : 01 Jun 2022 12:54
 Operator : CG/JU
 Sample : PB145099BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS099

Quant Time: Jun 01 13:25:03 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN053122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 16:55:35 2022
 Response via : Initial Calibration

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

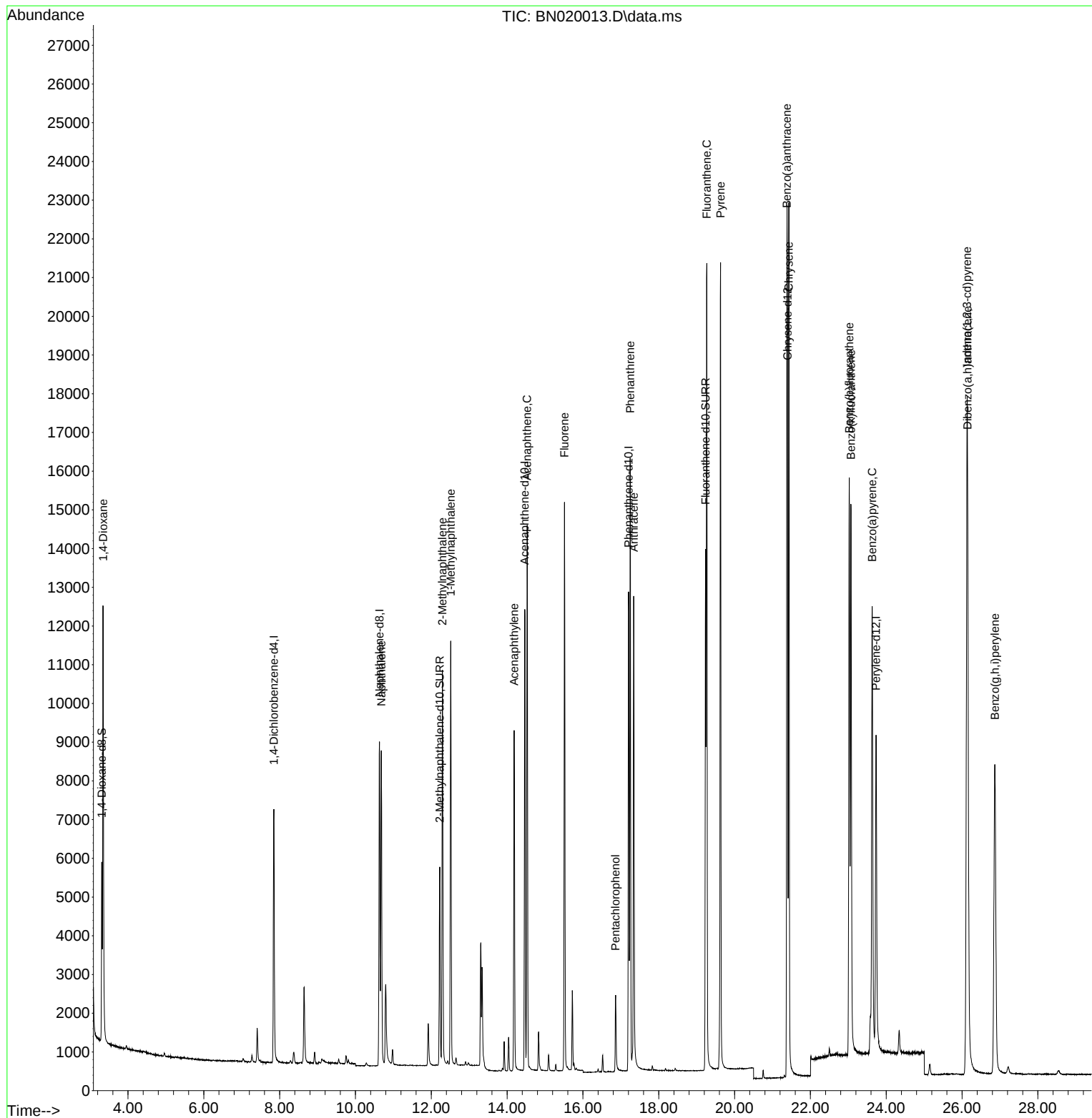
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	3835	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	12055	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.465	164	7012	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	15072	0.400	ng/ul	0.00
17) Chrysene-d12	21.397	240	13171	0.400	ng/ul	0.00
23) Perylene-d12	23.732	264	11995	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	3103	0.710	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	6999	0.364	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	14821	0.372	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.344	88	7482	1.628	ng/ul#	70
5) Naphthalene	10.683	128	11894	0.314	ng/ul	99
7) 2-Methylnaphthalene	12.294	142	7633	0.313	ng/ul#	100
8) 1-Methylnaphthalene	12.514	142	8033	0.353	ng/ul#	100
10) Acenaphthylene	14.187	152	10708	0.308	ng/ul	99
11) Acenaphthene	14.530	153	8376	0.313	ng/ul	99
12) Fluorene	15.515	166	9508	0.309	ng/ul	100
14) Pentachlorophenol	16.862	266	1543	0.487	ng/ul	89
15) Phenanthrene	17.247	178	16877	0.316	ng/ul	99
16) Anthracene	17.339	178	14540	0.314	ng/ul	99
19) Fluoranthene	19.267	202	18887	0.336	ng/ul	99
20) Pyrene	19.629	202	19070	0.337	ng/ul	100
21) Benzo(a)anthracene	21.379	228	17143	0.355	ng/ul	99
22) Chrysene	21.432	228	20363	0.374	ng/ul	99
24) Benzo(b)fluoranthene	23.025	252	19916	0.362	ng/ul	91
25) Benzo(k)fluoranthene	23.068	252	20078	0.371	ng/ul	96
26) Benzo(a)pyrene	23.630	252	18658	0.370	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.131	276	22450	0.391	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.148	278	18375	0.392	ng/ul#	79
29) Benzo(g,h,i)perylene	26.865	276	18505	0.381	ng/ul	97

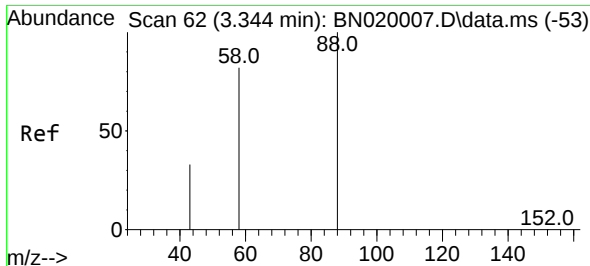
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 31 16:55:35 2022
Response via : Initial Calibration

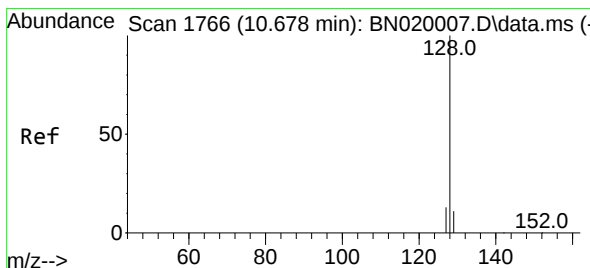
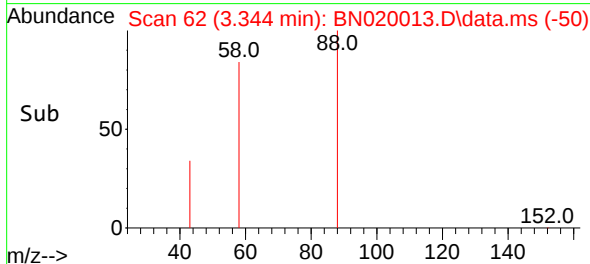
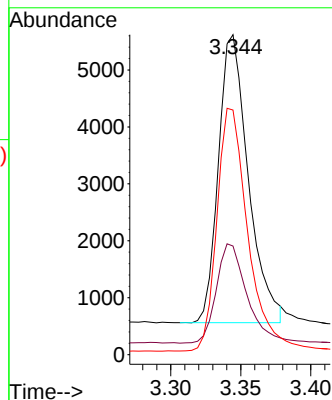
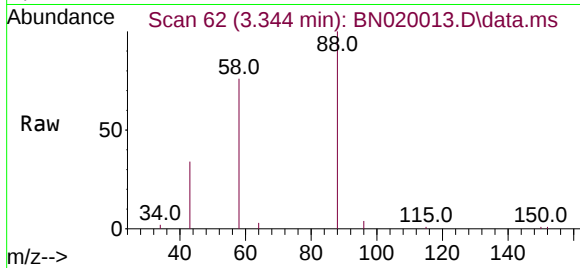




#2
1,4-Dioxane
Concen: 1.628 ng/ul
RT: 3.344 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN020013.D
Acq: 01 Jun 2022 12:54

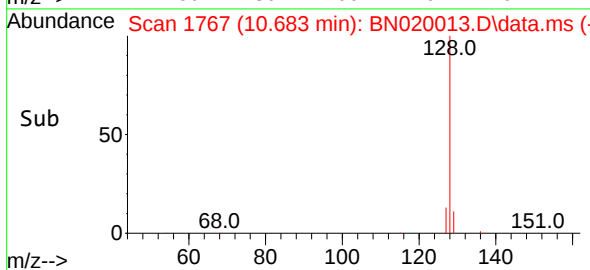
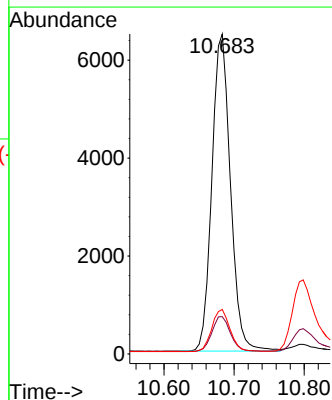
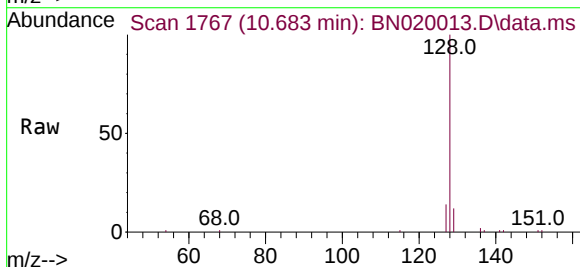
Instrument :
BNA_N
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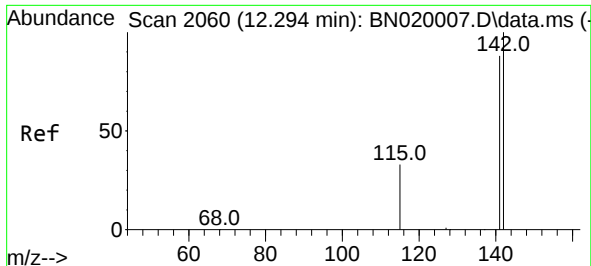
Tgt Ion: 88 Resp: 7482
Ion Ratio Lower Upper
88 100
43 33.9 39.0 58.4#
58 76.5 39.8 59.8#



#5
Naphthalene
Concen: 0.314 ng/ul
RT: 10.683 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BN020013.D
Acq: 01 Jun 2022 12:54

Tgt Ion: 128 Resp: 11894
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.9 11.0 16.4

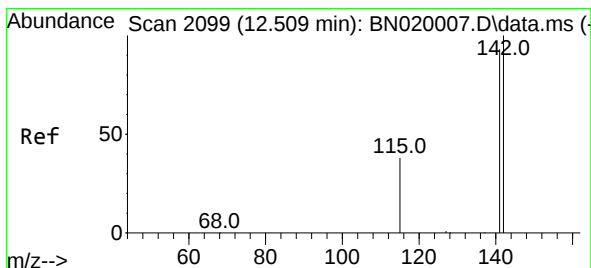
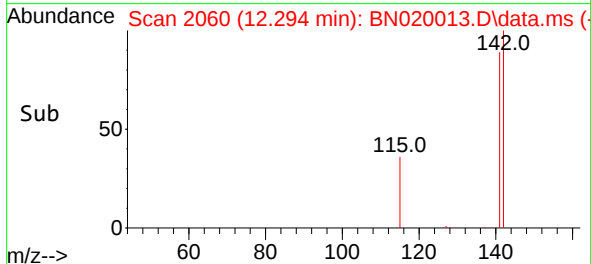
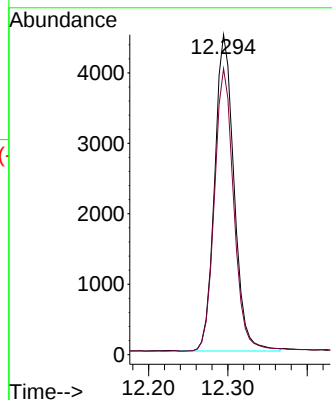
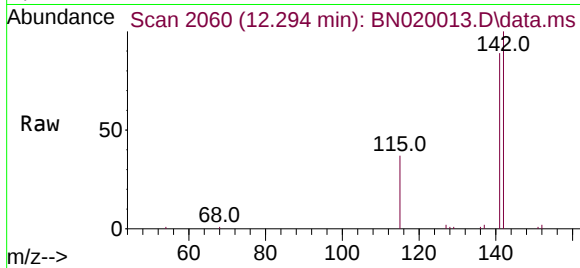




#7
2-Methylnaphthalene
Concen: 0.313 ng/ul
RT: 12.294 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN020013.D
Acq: 01 Jun 2022 12:54

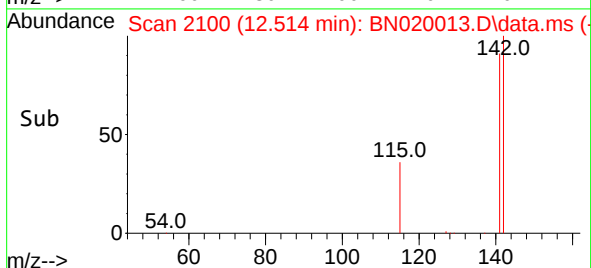
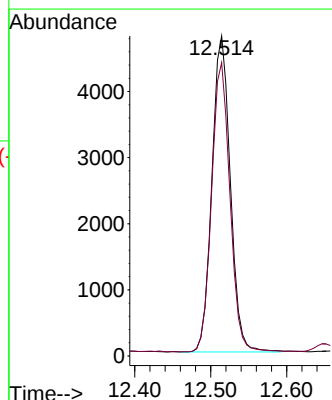
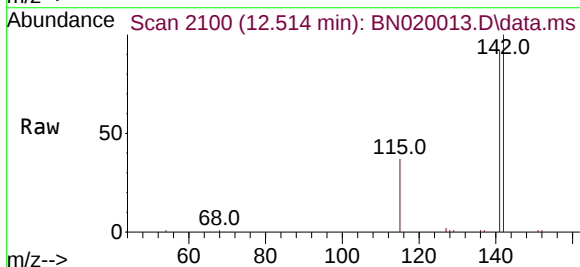
Instrument :
BNA_N
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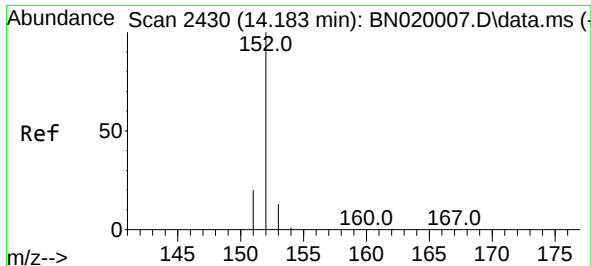
Tgt Ion:142 Resp: 7633
Ion Ratio Lower Upper
142 100
141 89.2 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN020013.D
Acq: 01 Jun 2022 12:54

Tgt Ion:142 Resp: 8033
Ion Ratio Lower Upper
142 100
141 91.1 0.0 0.0#

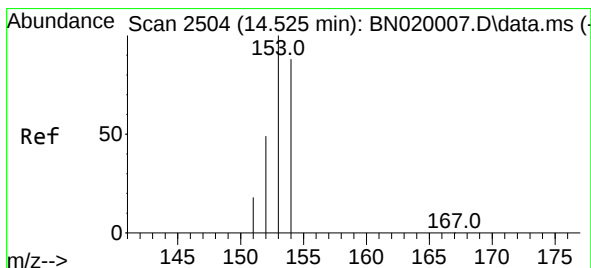
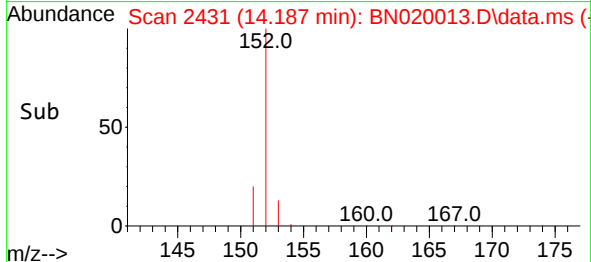
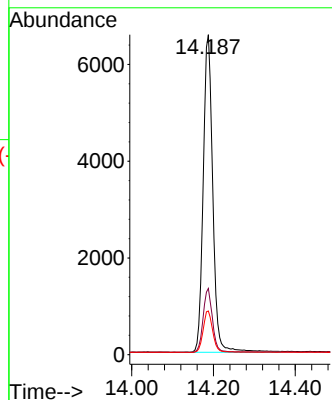
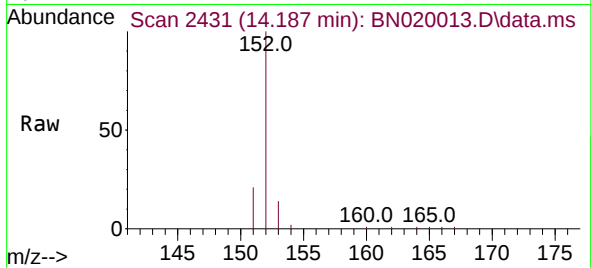




#10
Acenaphthylene
Concen: 0.308 ng/ul
RT: 14.187 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN020013.D
Acq: 01 Jun 2022 12:54

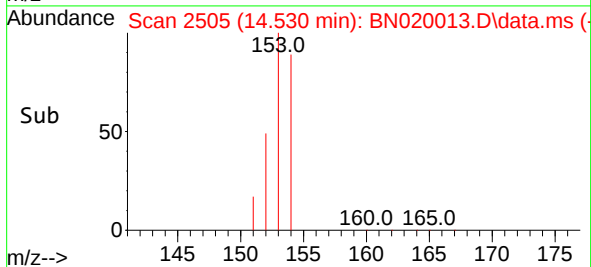
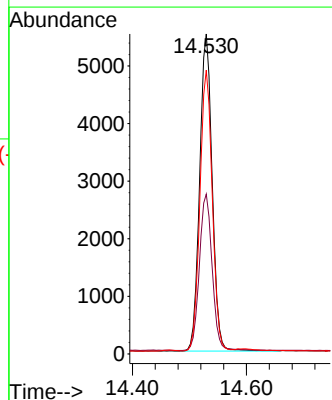
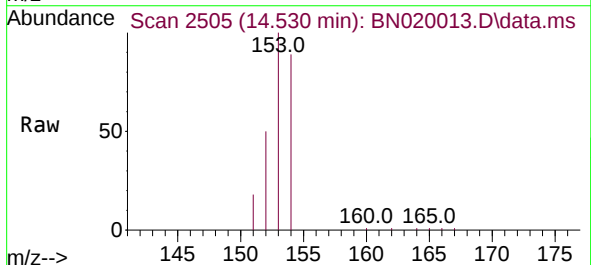
Instrument :
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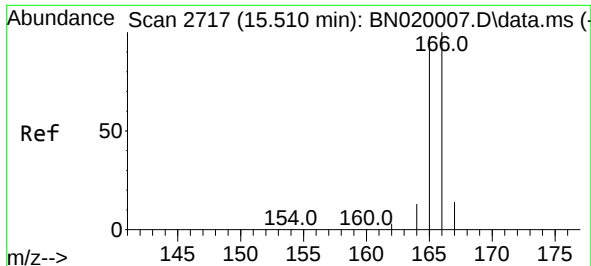
Tgt Ion:152 Resp: 10708
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.313 ng/ul
RT: 14.530 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN020013.D
Acq: 01 Jun 2022 12:54

Tgt Ion:153 Resp: 8376
Ion Ratio Lower Upper
153 100
152 50.0 38.6 57.8
154 88.7 71.2 106.8

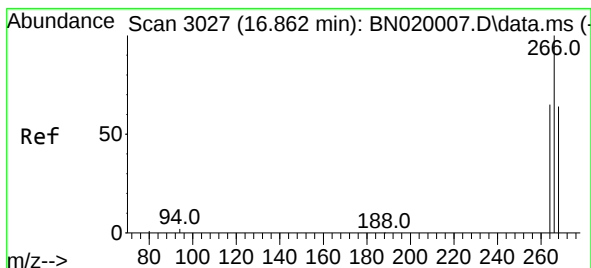
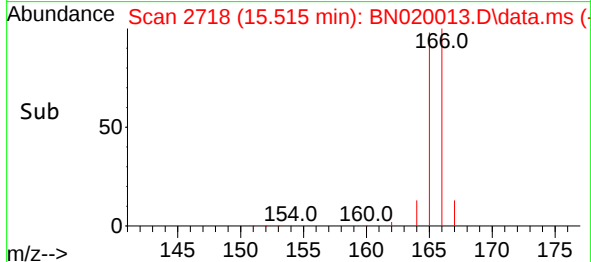
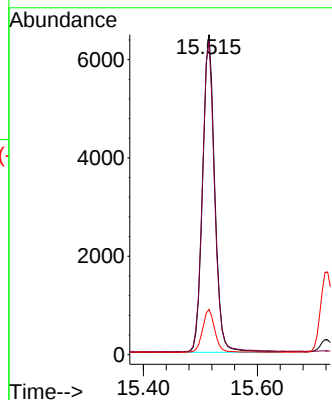
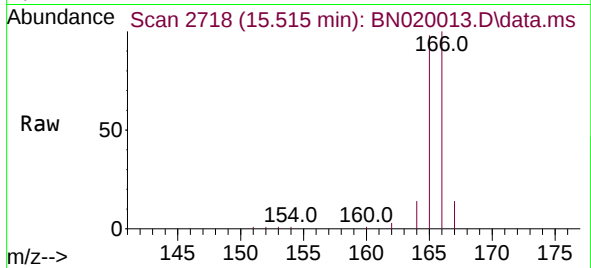




#12
Fluorene
Concen: 0.309 ng/ul
RT: 15.515 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN020013.D
Acq: 01 Jun 2022 12:54

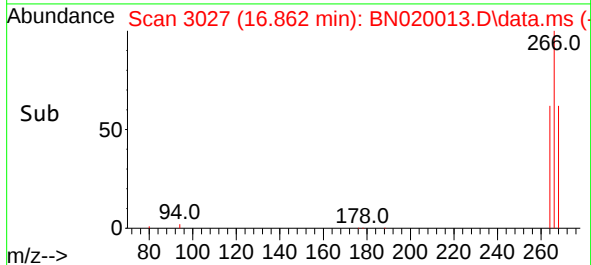
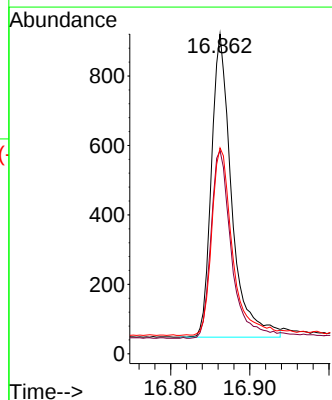
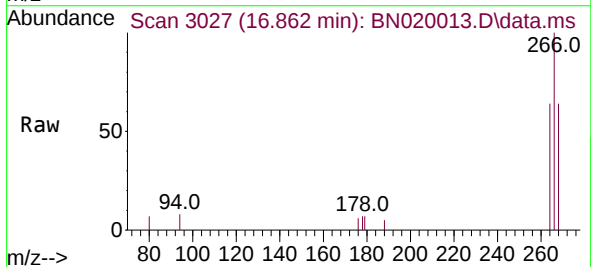
Instrument :
BNA_N
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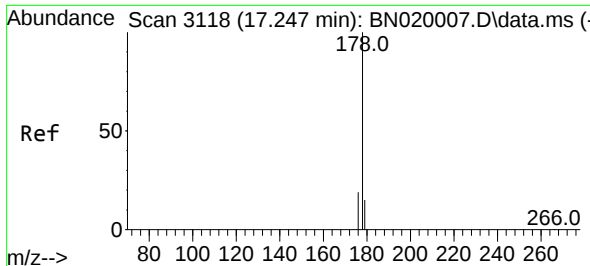
Tgt Ion:166 Resp: 9508
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 14.2 11.3 16.9



#14
Pentachlorophenol
Concen: 0.487 ng/ul
RT: 16.862 min Scan# 3027
Delta R.T. 0.000 min
Lab File: BN020013.D
Acq: 01 Jun 2022 12:54

Tgt Ion:266 Resp: 1543
Ion Ratio Lower Upper
266 100
264 63.4 44.9 67.3
268 64.1 44.6 67.0

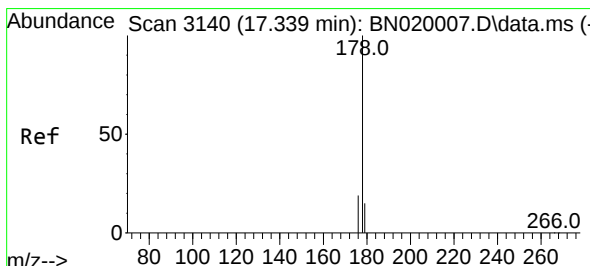
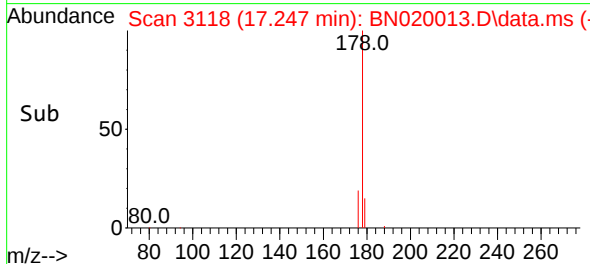
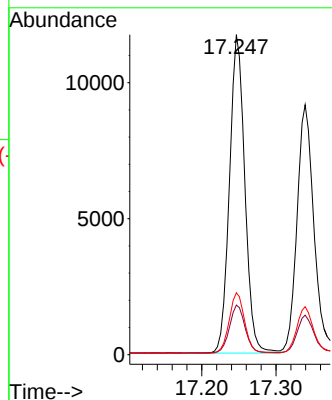
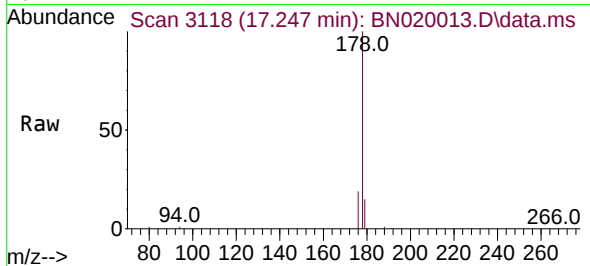




#15
Phenanthrene
Concen: 0.316 ng/u1
RT: 17.247 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BN020013.D
Acq: 01 Jun 2022 12:54

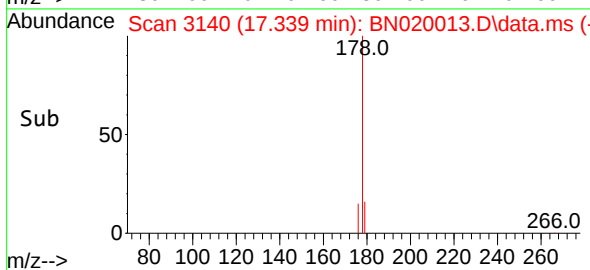
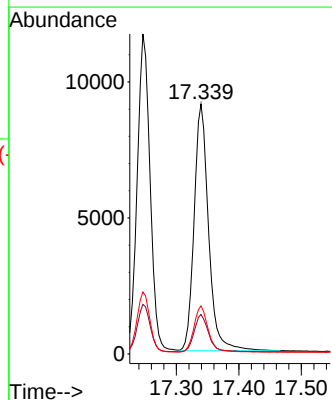
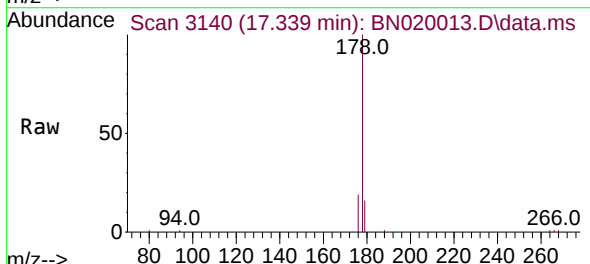
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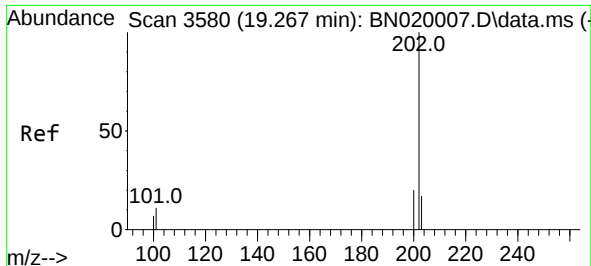
Tgt Ion:178 Resp: 16877
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 19.3 15.5 23.3



#16
Anthracene
Concen: 0.314 ng/u1
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BN020013.D
Acq: 01 Jun 2022 12:54

Tgt Ion:178 Resp: 14540
Ion Ratio Lower Upper
178 100
179 15.8 13.1 19.7
176 19.2 15.3 22.9

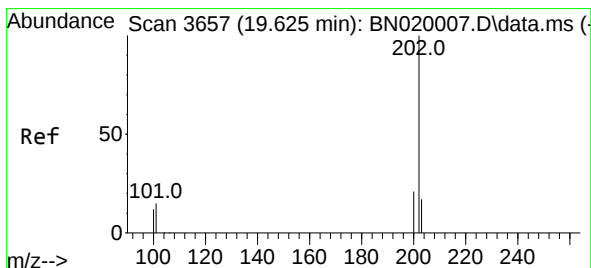
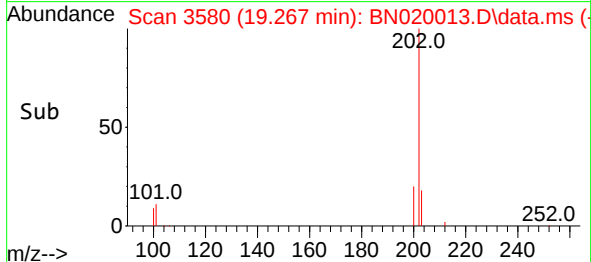
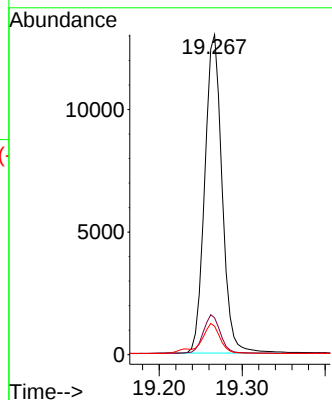
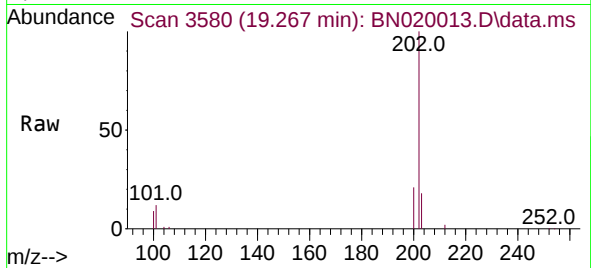




#19
Fluoranthene
Concen: 0.336 ng/u1
RT: 19.267 min Scan# 3580
Delta R.T. 0.000 min
Lab File: BN020013.D
Acq: 01 Jun 2022 12:54

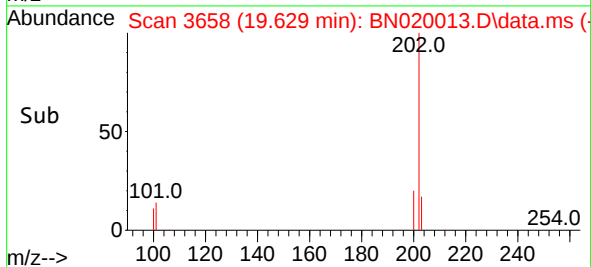
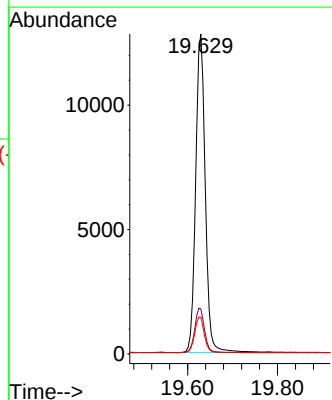
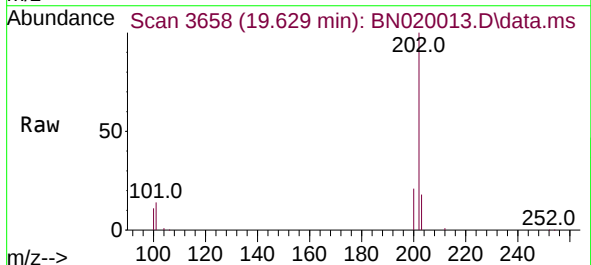
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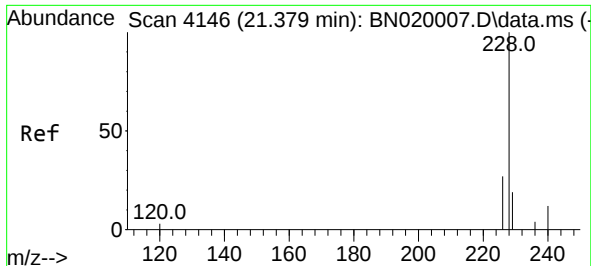
Tgt Ion:202 Resp: 18887
Ion Ratio Lower Upper
202 100
101 11.5 9.7 14.5
100 8.9 7.4 11.2



#20
Pyrene
Concen: 0.337 ng/u1
RT: 19.629 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN020013.D
Acq: 01 Jun 2022 12:54

Tgt Ion:202 Resp: 19070
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
100 11.5 9.0 13.4

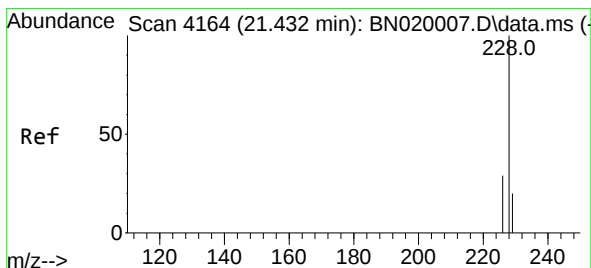
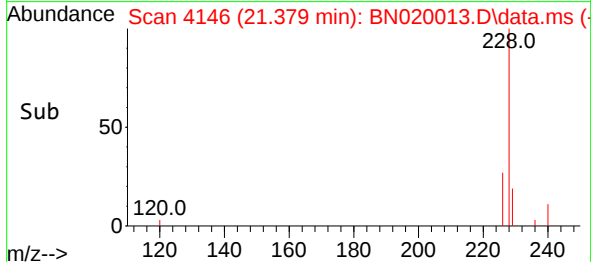
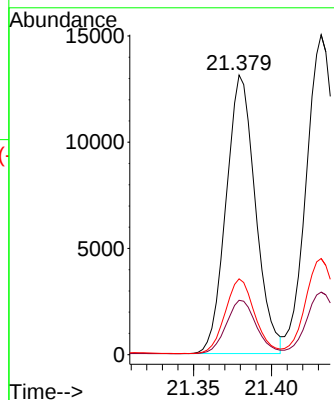
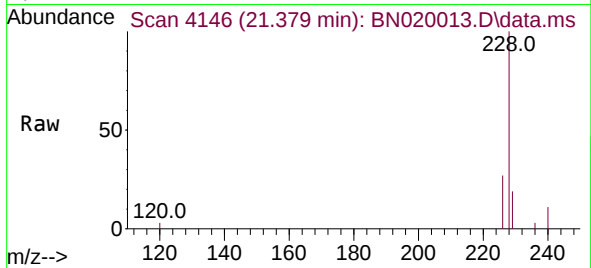




#21
Benzo(a)anthracene
Concen: 0.355 ng/ul
RT: 21.379 min Scan# 4146
Delta R.T. -0.005 min
Lab File: BN020013.D
Acq: 01 Jun 2022 12:54

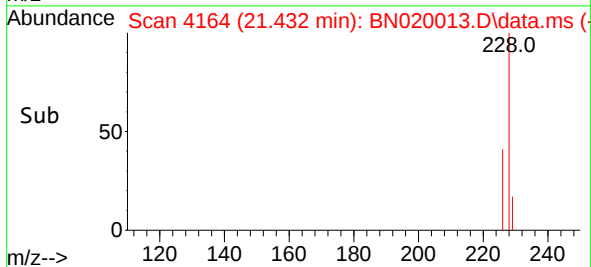
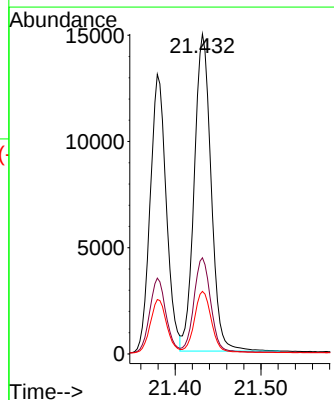
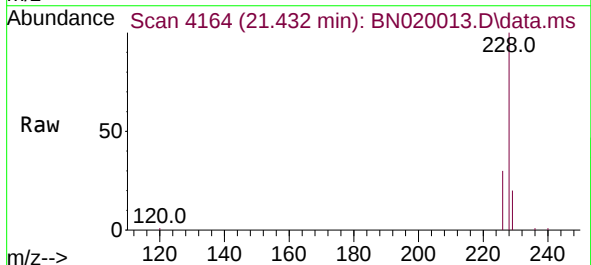
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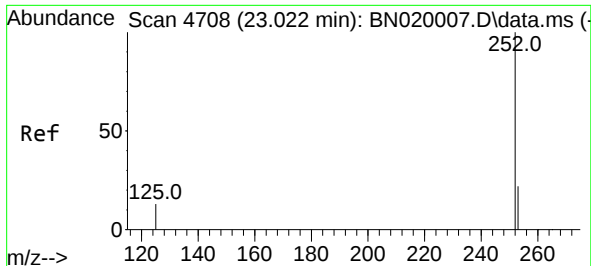
Tgt Ion:228 Resp: 17143
Ion Ratio Lower Upper
228 100
229 19.5 16.1 24.1
226 27.1 22.1 33.1



#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.432 min Scan# 4164
Delta R.T. -0.005 min
Lab File: BN020013.D
Acq: 01 Jun 2022 12:54

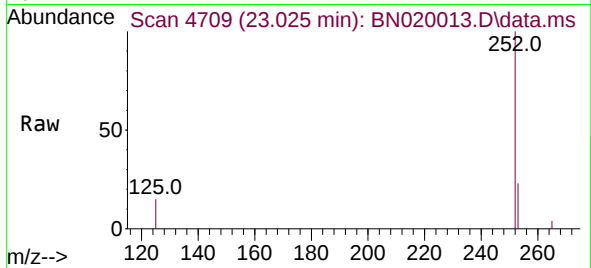
Tgt Ion:228 Resp: 20363
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 19.5 16.0 24.0



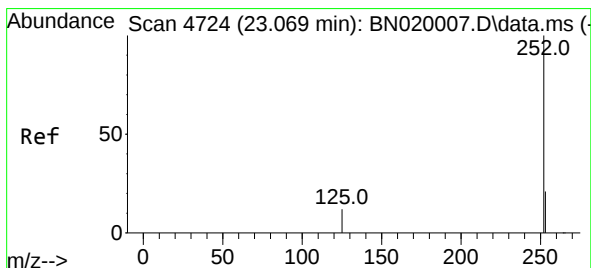
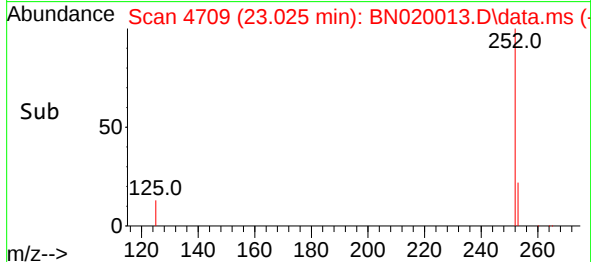
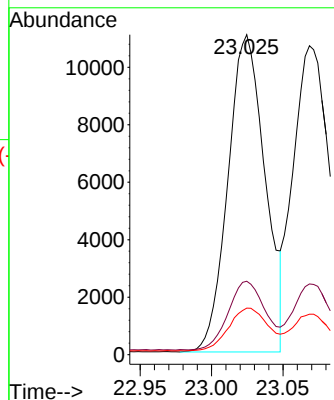


#24
Benzo(b)fluoranthene
Concen: 0.362 ng/ul
RT: 23.025 min Scan# 4709
Delta R.T. -0.005 min
Lab File: BN020013.D
Acq: 01 Jun 2022 12:54

Instrument :
BNA_N
ClientSampleId :
SLCS099

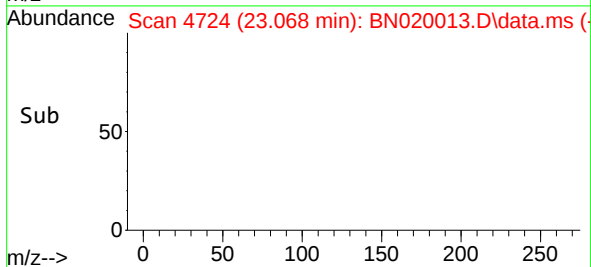
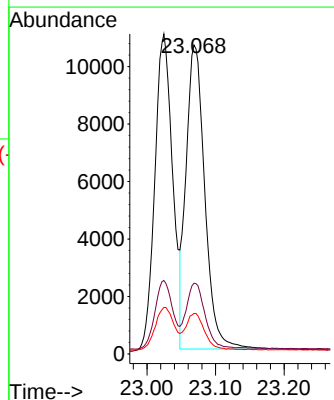
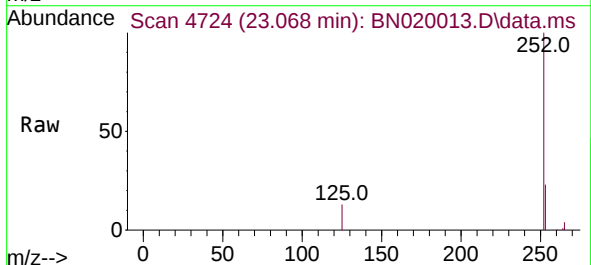


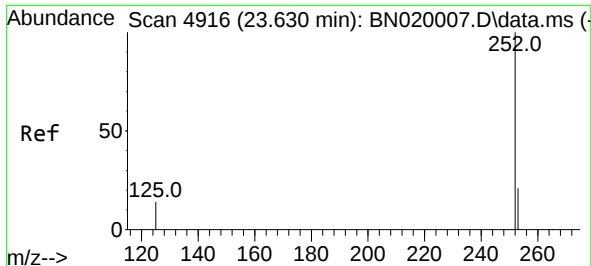
Tgt Ion:252 Resp: 19916
Ion Ratio Lower Upper
252 100
253 22.9 0.0 52.0
125 14.6 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.371 ng/ul
RT: 23.068 min Scan# 4724
Delta R.T. -0.005 min
Lab File: BN020013.D
Acq: 01 Jun 2022 12:54

Tgt Ion:252 Resp: 20078
Ion Ratio Lower Upper
252 100
253 22.9 20.2 30.2
125 13.1 11.0 16.6

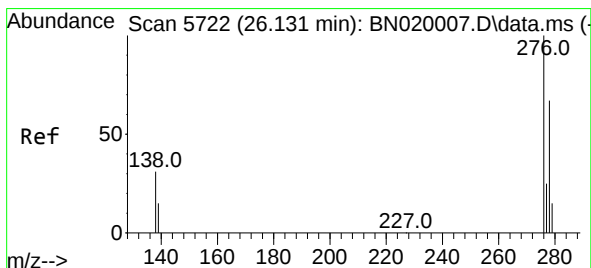
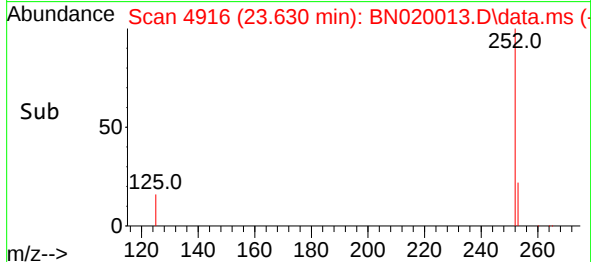
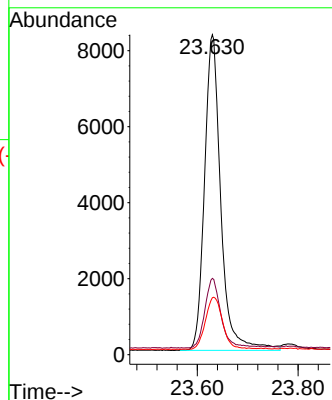
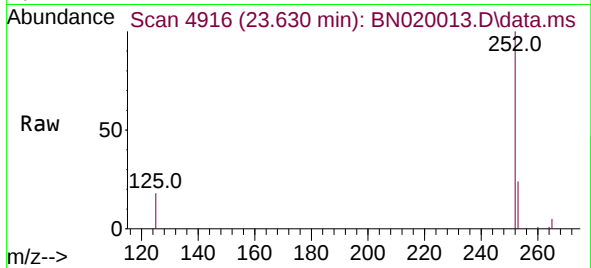




#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.630 min Scan# 4916
Delta R.T. -0.005 min
Lab File: BN020013.D
Acq: 01 Jun 2022 12:54

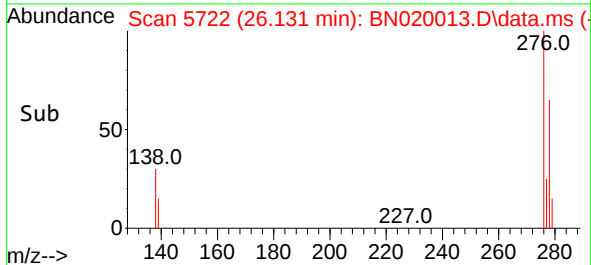
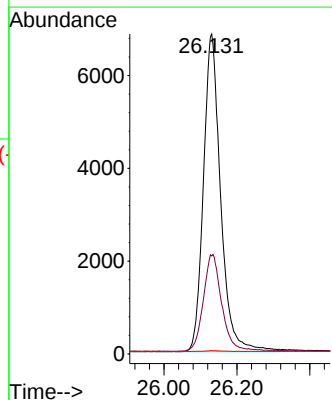
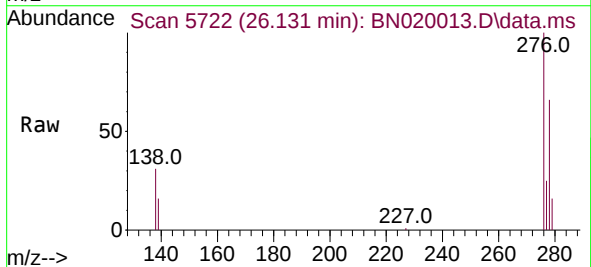
Instrument :
BNA_N
ClientSampleId :
SLCS099

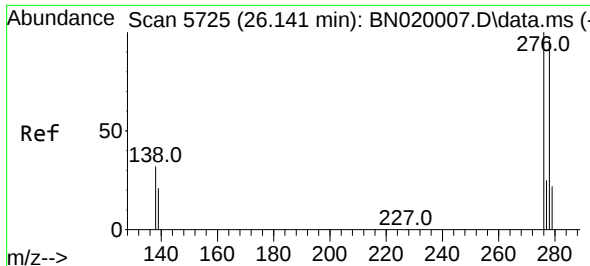
Tgt Ion:252 Resp: 18658
Ion Ratio Lower Upper
252 100
253 23.8 23.4 35.0
125 17.8 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng/ul
RT: 26.131 min Scan# 5722
Delta R.T. -0.008 min
Lab File: BN020013.D
Acq: 01 Jun 2022 12:54

Tgt Ion:276 Resp: 22450
Ion Ratio Lower Upper
276 100
138 32.8 23.6 35.4
227 0.3 0.0 0.0#

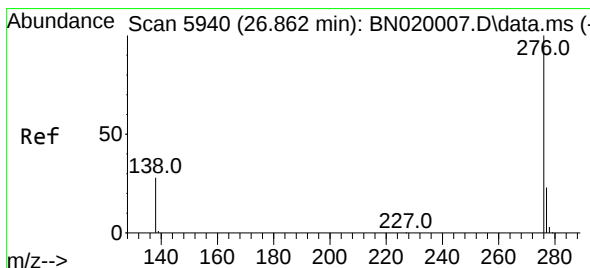
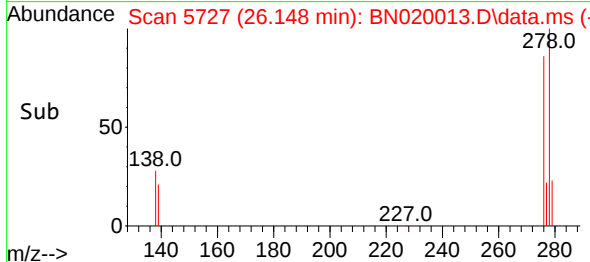
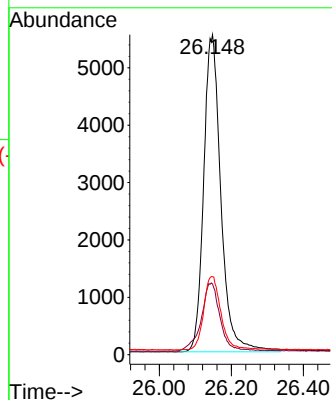
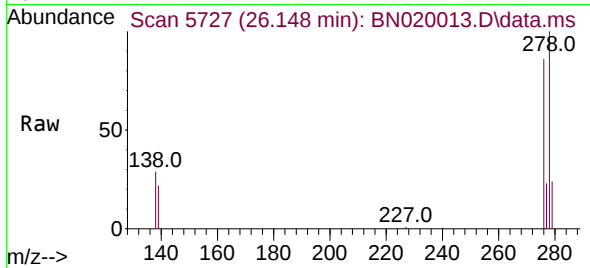




#28
Dibenzo(a,h)anthracene
Concen: 0.392 ng/ul
RT: 26.148 min Scan# 51
Delta R.T. -0.005 min
Lab File: BN020013.D
Acq: 01 Jun 2022 12:54

Instrument :
BNA_N
ClientSampleId :
SLCS099

Tgt Ion:278 Resp: 18375
Ion Ratio Lower Upper
278 100
139 22.1 18.6 28.0
279 24.4 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.381 ng/ul
RT: 26.865 min Scan# 5941
Delta R.T. -0.008 min
Lab File: BN020013.D
Acq: 01 Jun 2022 12:54

Tgt Ion:276 Resp: 18505
Ion Ratio Lower Upper
276 100
138 28.4 20.9 31.3
277 24.4 20.4 30.6

