

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103122\
 Data File : BN022424.D
 Acq On : 01 Nov 2022 05:59
 Operator : CG/JU
 Sample : PB148647BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS647

Quant Time: Nov 01 06:30:34 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 01:09:32 2022
 Response via : Initial Calibration

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

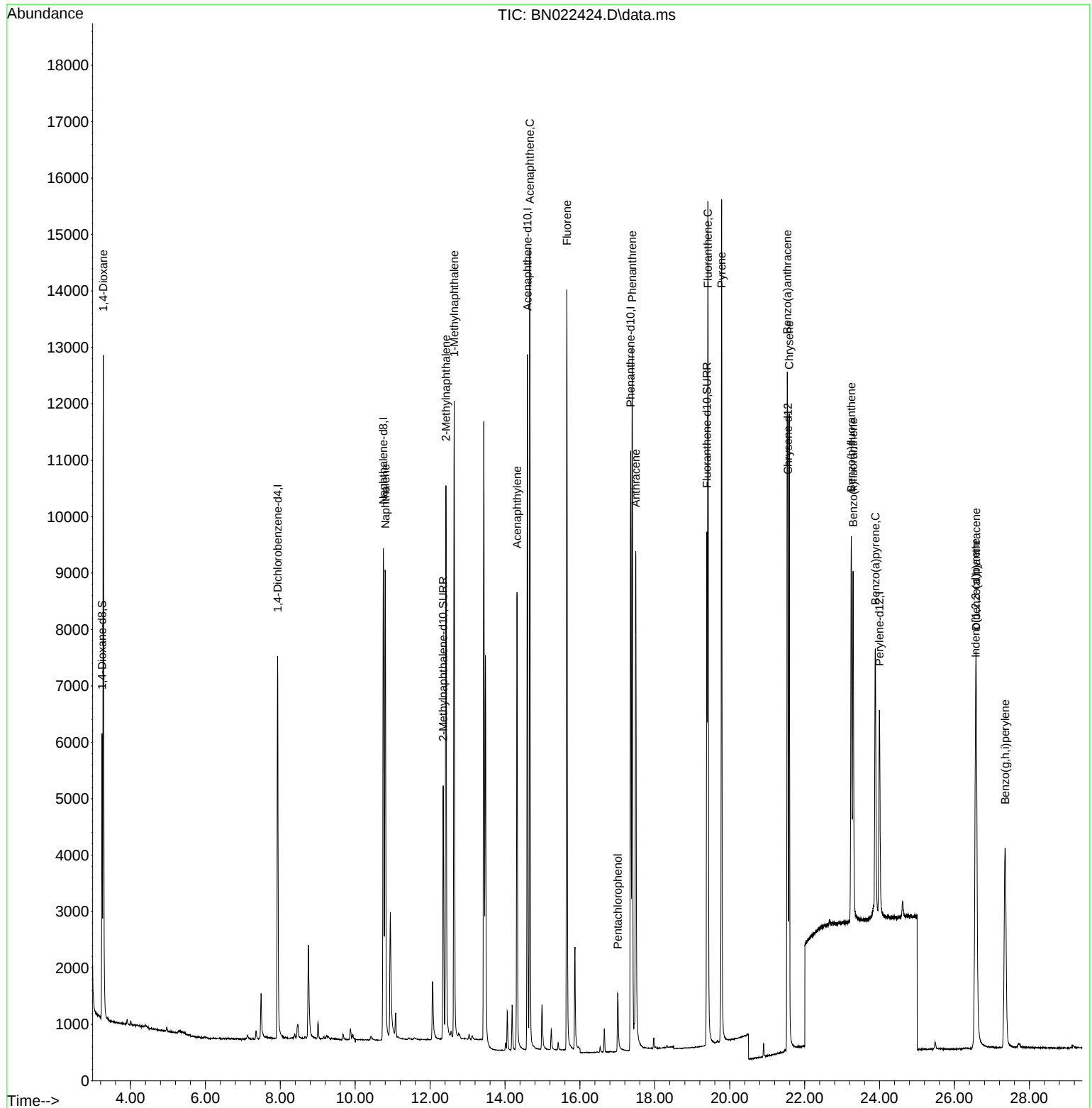
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	3868	0.400	ng/u1	0.00
4) Naphthalene-d8	10.750	136	12649	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.600	164	7001	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.353	188	13074	0.400	ng/u1	0.00
17) Chrysene-d12	21.553	240	7400	0.400	ng/u1	0.00
23) Perylene-d12	23.996	264	5483	0.400	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	3175	0.632	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.351	152	6412	0.335	ng/u1	0.00
18) Fluoranthene-d10	19.389	212	9873	0.397	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.274	88	7956	1.541	ng/u1	88
5) Naphthalene	10.805	128	12180	0.326	ng/u1	100
7) 2-Methylnaphthalene	12.422	142	7566	0.321	ng/u1	100
8) 1-Methylnaphthalene	12.642	142	8182	0.338	ng/u1	100
10) Acenaphthylene	14.323	152	9828	0.313	ng/u1	99
11) Acenaphthene	14.660	153	8464	0.319	ng/u1	100
12) Fluorene	15.650	166	9153	0.297	ng/u1	99
14) Pentachlorophenol	17.007	266	941	0.303	ng/u1	99
15) Phenanthrene	17.395	178	13970	0.318	ng/u1	99
16) Anthracene	17.488	178	11374	0.308	ng/u1	98
19) Fluoranthene	19.417	202	12973	0.383	ng/u1	98
20) Pyrene	19.784	202	12890	0.379	ng/u1	99
21) Benzo(a)anthracene	21.535	228	9209	0.332	ng/u1	98
22) Chrysene	21.588	228	9974	0.339	ng/u1	99
24) Benzo(b)fluoranthene	23.245	252	9163	0.333	ng/u1	91
25) Benzo(k)fluoranthene	23.295	252	8702	0.325	ng/u1#	92
26) Benzo(a)pyrene	23.888	252	7650	0.349	ng/u1#	88
27) Indeno(1,2,3-cd)pyrene	26.561	276	10066	0.369	ng/u1#	40
28) Dibenzo(a,h)anthracene	26.581	278	7919	0.363	ng/u1	94
29) Benzo(g,h,i)perylene	27.356	276	8510	0.383	ng/u1	98

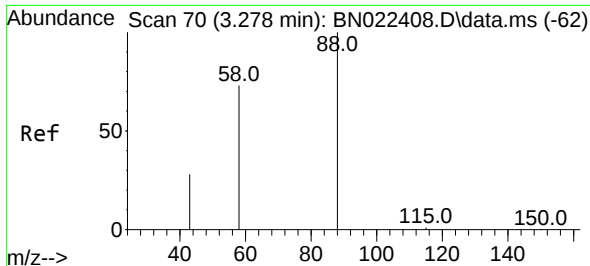
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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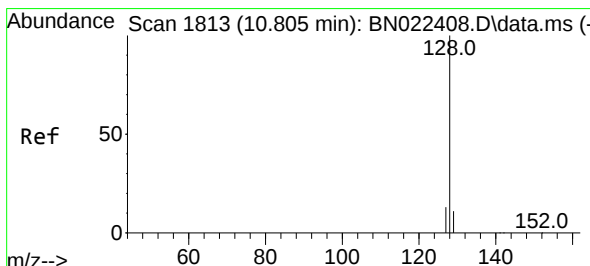
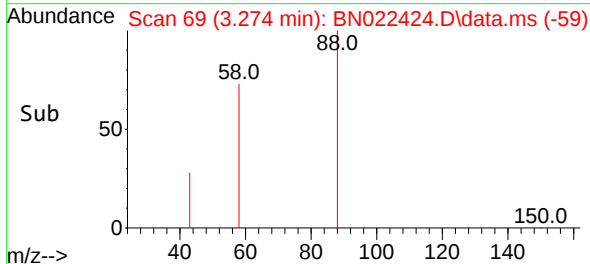
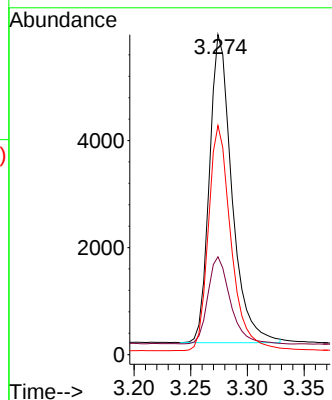
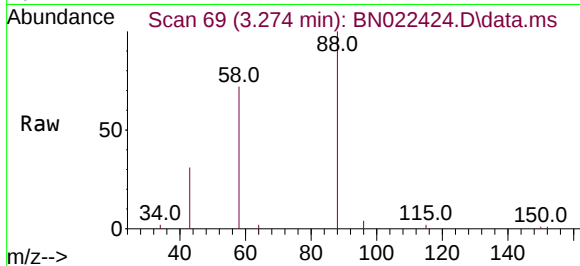




#2
1,4-Dioxane
Concen: 1.541 ng/ul
RT: 3.274 min Scan# 69
Delta R.T. -0.008 min
Lab File: BN022424.D
Acq: 01 Nov 2022 05:59

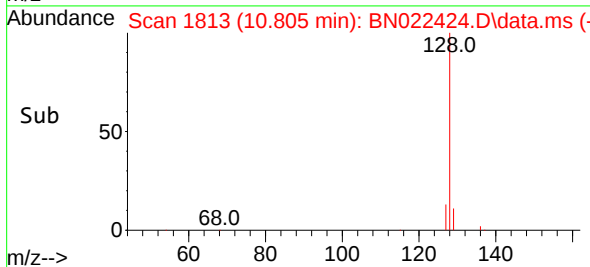
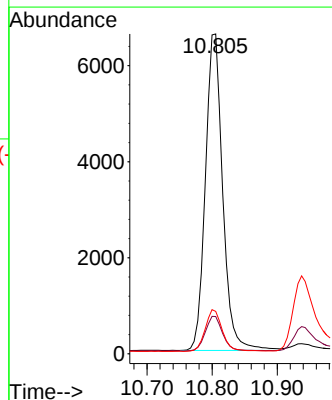
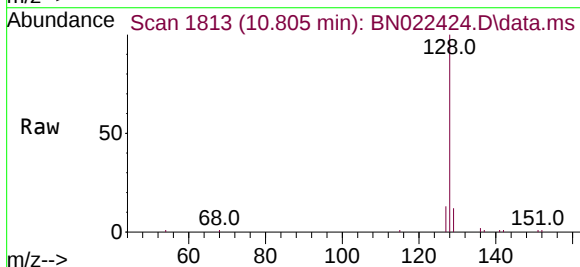
Instrument :
BNA_N
ClientSampleId :
SLCS647

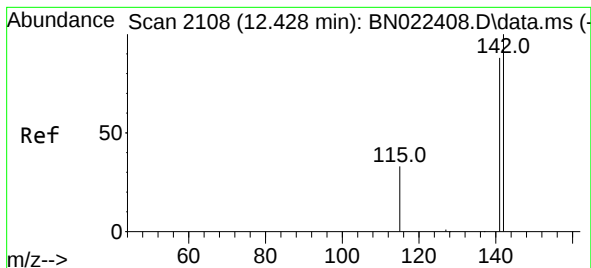
Tgt Ion: 88 Resp: 7956
Ion Ratio Lower Upper
88 100
43 30.6 27.4 41.2
58 71.6 48.2 72.2



#5
Naphthalene
Concen: 0.326 ng/ul
RT: 10.805 min Scan# 1813
Delta R.T. 0.006 min
Lab File: BN022424.D
Acq: 01 Nov 2022 05:59

Tgt Ion: 128 Resp: 12180
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.3 10.7 16.1

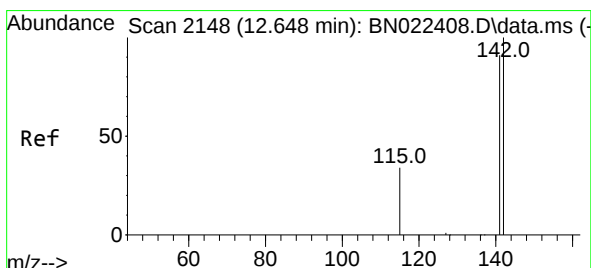
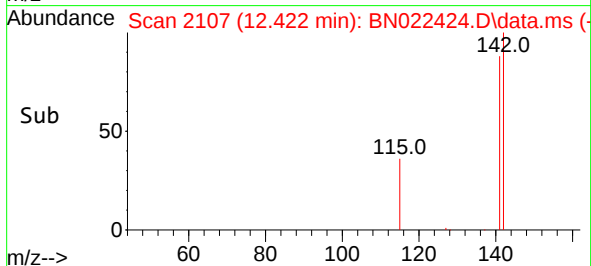
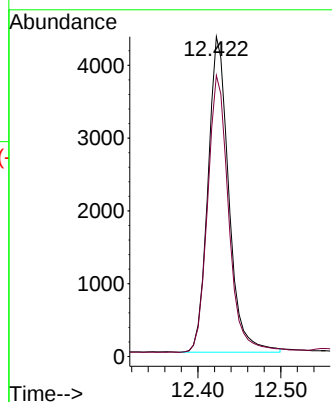
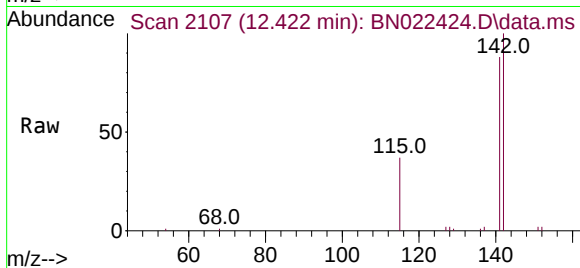




#7
2-Methylnaphthalene
Concen: 0.321 ng/ul
RT: 12.422 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BN022424.D
Acq: 01 Nov 2022 05:59

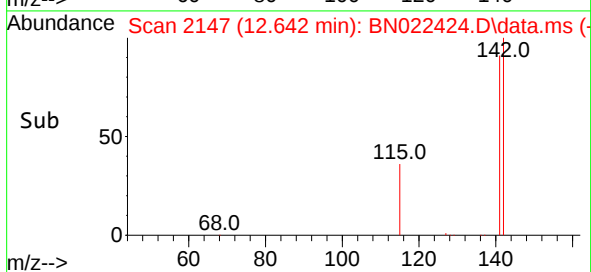
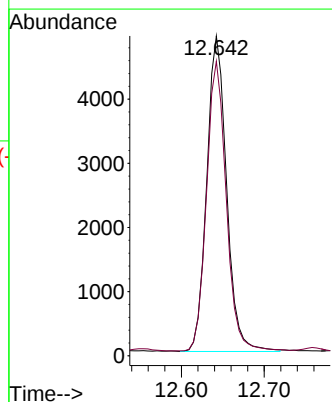
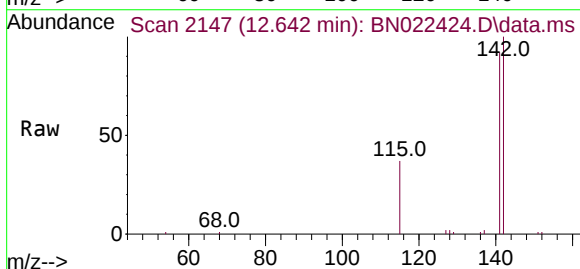
Instrument :
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ClientSampleId :
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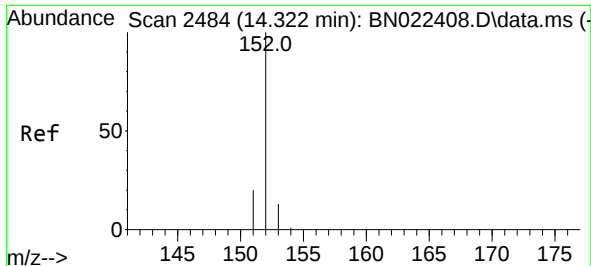
Tgt Ion:142 Resp: 7566
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.642 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BN022424.D
Acq: 01 Nov 2022 05:59

Tgt Ion:142 Resp: 8182
Ion Ratio Lower Upper
142 100
141 91.2 73.3 109.9

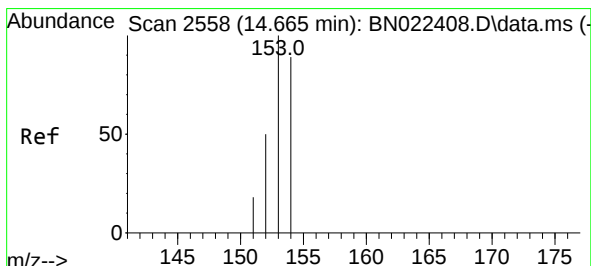
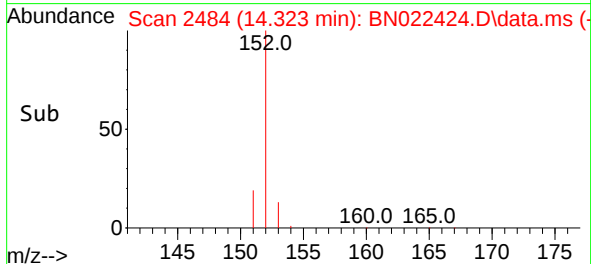
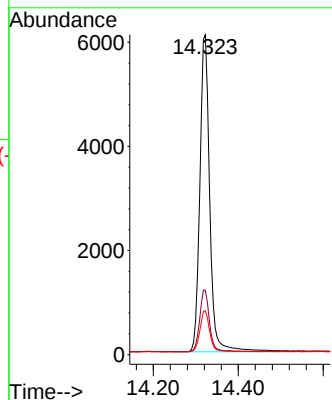
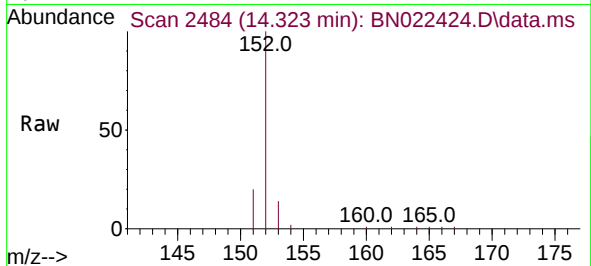




#10
Acenaphthylene
Concen: 0.313 ng/ul
RT: 14.323 min Scan# 2484
Delta R.T. 0.005 min
Lab File: BN022424.D
Acq: 01 Nov 2022 05:59

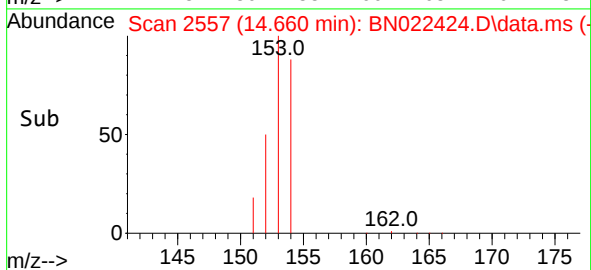
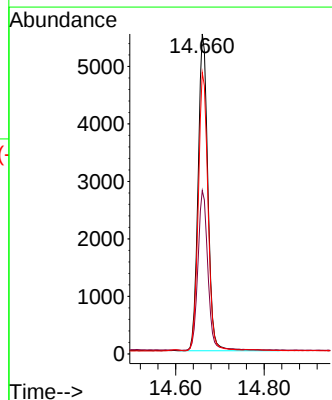
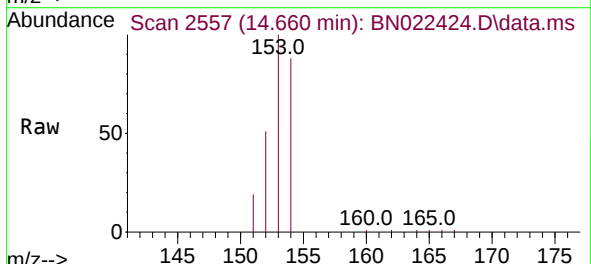
Instrument :
BNA_N
ClientSampleId :
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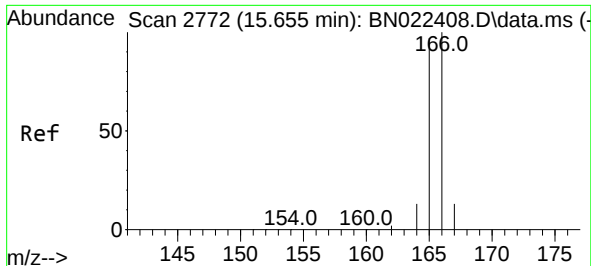
Tgt Ion:152 Resp: 9828
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.7 10.8 16.2



#11
Acenaphthene
Concen: 0.319 ng/ul
RT: 14.660 min Scan# 2557
Delta R.T. 0.000 min
Lab File: BN022424.D
Acq: 01 Nov 2022 05:59

Tgt Ion:153 Resp: 8464
Ion Ratio Lower Upper
153 100
152 51.0 40.6 61.0
154 87.9 70.6 106.0

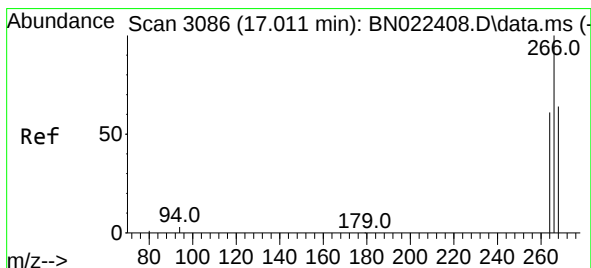
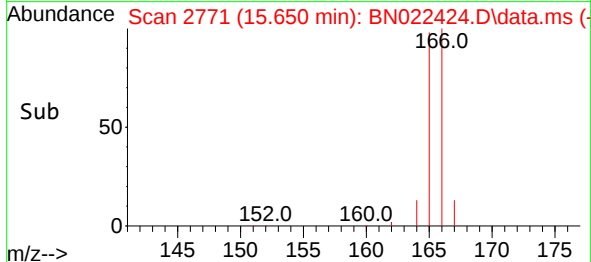
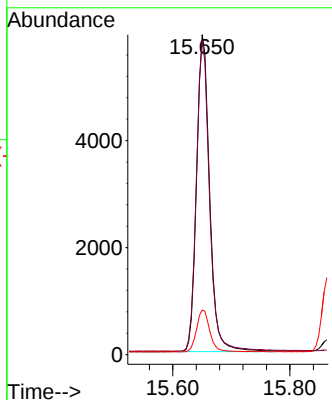
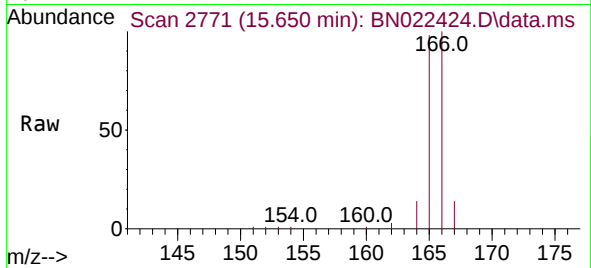




#12
Fluorene
Concen: 0.297 ng/ul
RT: 15.650 min Scan# 2771
Delta R.T. 0.000 min
Lab File: BN022424.D
Acq: 01 Nov 2022 05:59

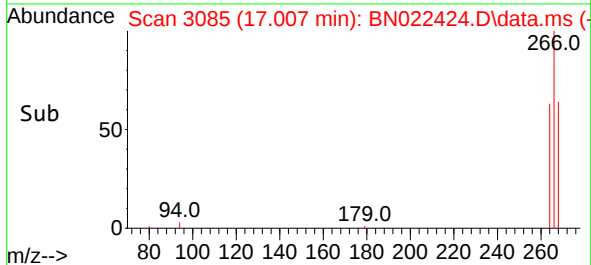
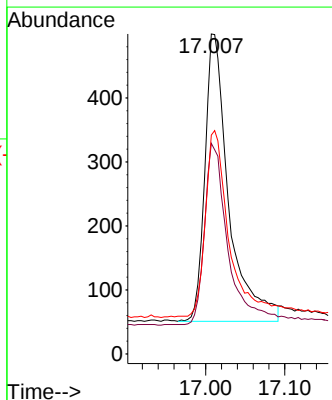
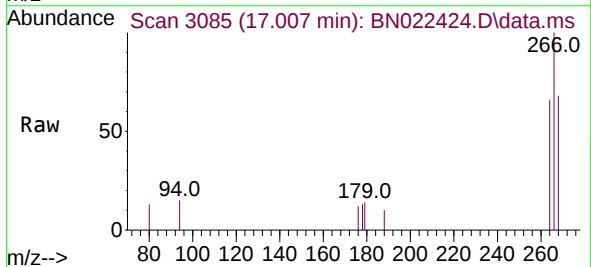
Instrument :
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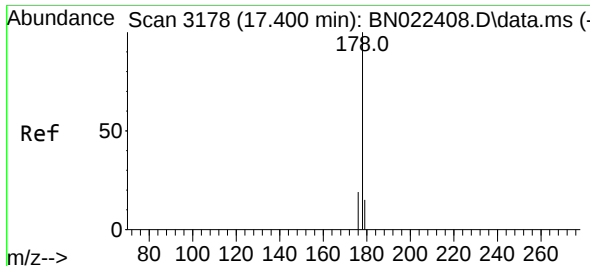
Tgt Ion:166 Resp: 9153
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.2
167 13.9 11.0 16.4



#14
Pentachlorophenol
Concen: 0.303 ng/ul
RT: 17.007 min Scan# 3085
Delta R.T. 0.000 min
Lab File: BN022424.D
Acq: 01 Nov 2022 05:59

Tgt Ion:266 Resp: 941
Ion Ratio Lower Upper
266 100
264 62.3 49.8 74.6
268 65.8 51.4 77.2

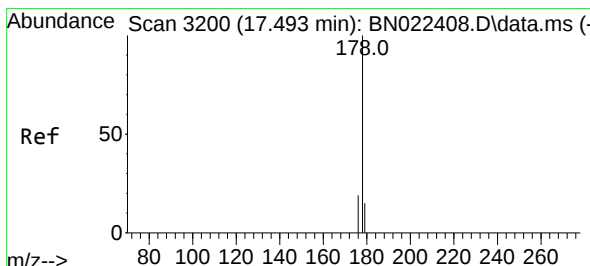
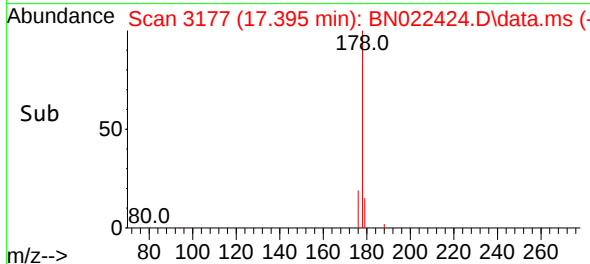
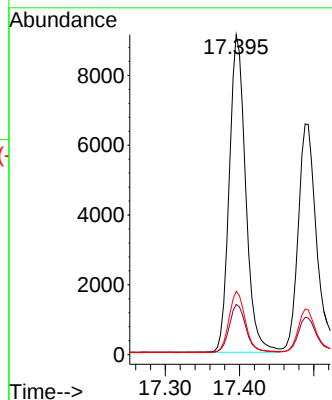
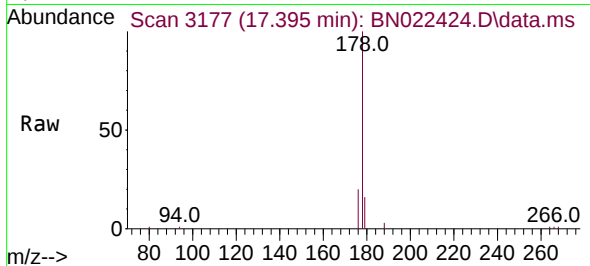




#15
Phenanthrene
Concen: 0.318 ng/ul
RT: 17.395 min Scan# 3177
Delta R.T. 0.000 min
Lab File: BN022424.D
Acq: 01 Nov 2022 05:59

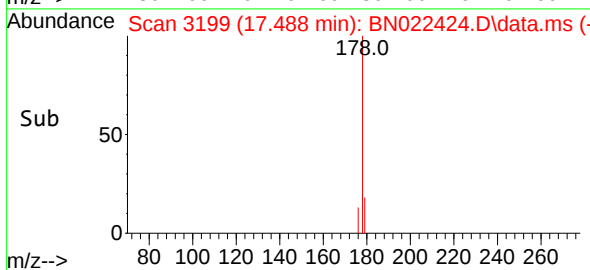
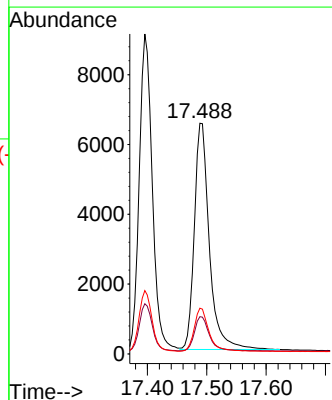
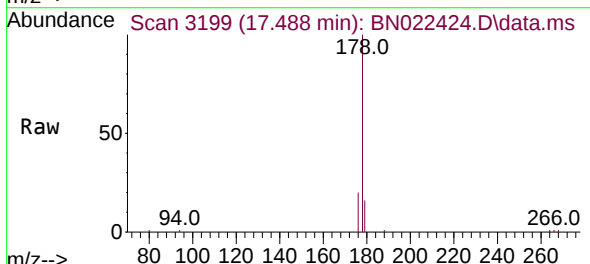
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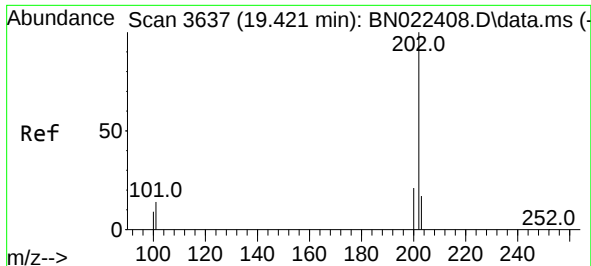
Tgt Ion:178 Resp: 13970
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.8 15.4 23.2



#16
Anthracene
Concen: 0.308 ng/ul
RT: 17.488 min Scan# 3199
Delta R.T. 0.000 min
Lab File: BN022424.D
Acq: 01 Nov 2022 05:59

Tgt Ion:178 Resp: 11374
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.8 15.0 22.6

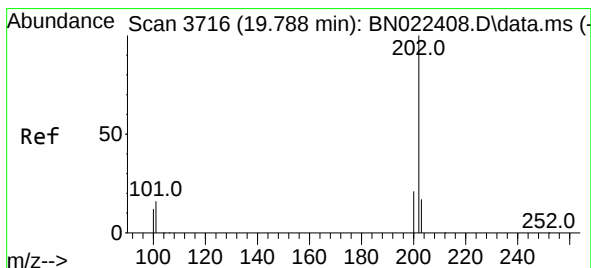
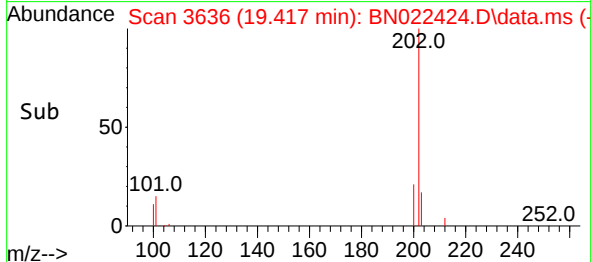
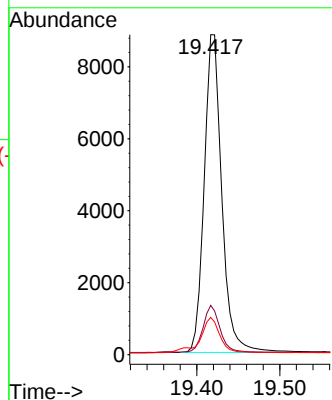
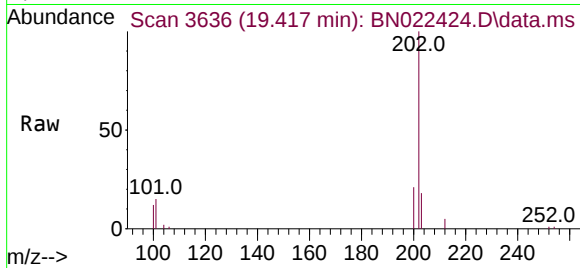




#19
Fluoranthene
Concen: 0.383 ng/ul
RT: 19.417 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN022424.D
Acq: 01 Nov 2022 05:59

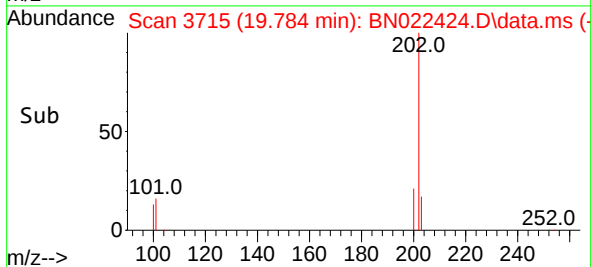
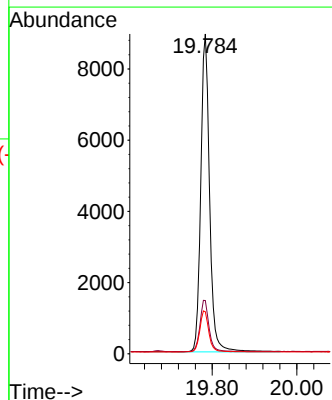
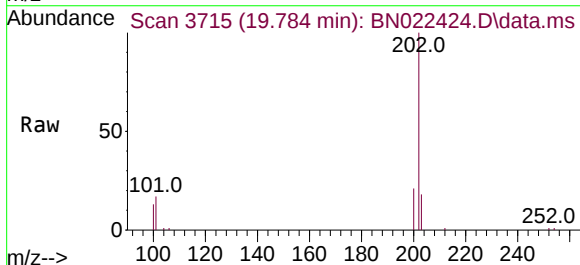
Instrument :
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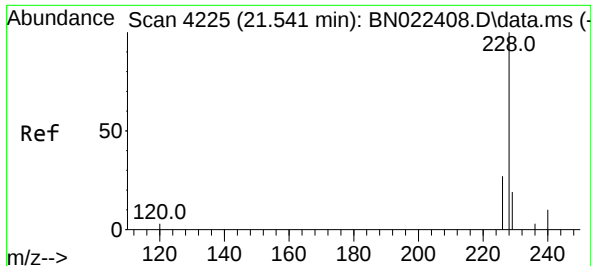
Tgt Ion:202 Resp: 12973
Ion Ratio Lower Upper
202 100
101 15.4 11.8 17.6
100 11.6 8.7 13.1



#20
Pyrene
Concen: 0.379 ng/ul
RT: 19.784 min Scan# 3715
Delta R.T. 0.000 min
Lab File: BN022424.D
Acq: 01 Nov 2022 05:59

Tgt Ion:202 Resp: 12890
Ion Ratio Lower Upper
202 100
101 16.7 13.1 19.7
100 13.2 10.6 16.0

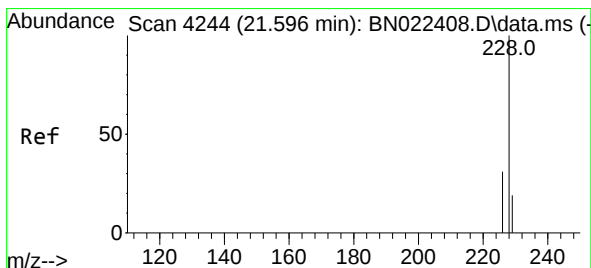
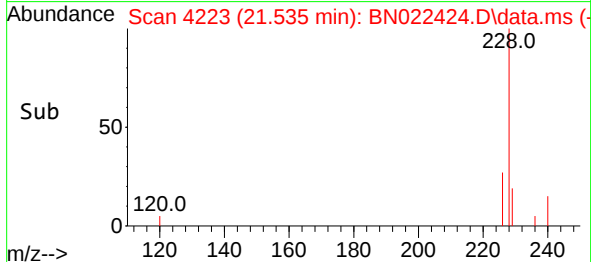
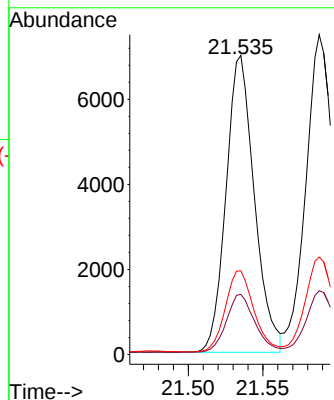
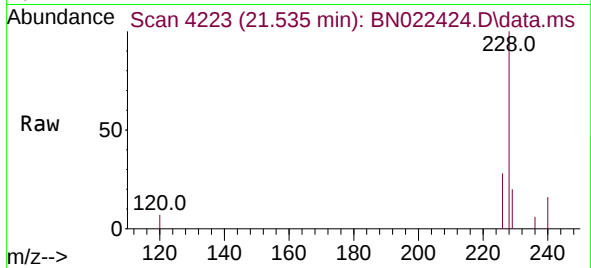




#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.535 min Scan# 4225
Delta R.T. -0.006 min
Lab File: BN022424.D
Acq: 01 Nov 2022 05:59

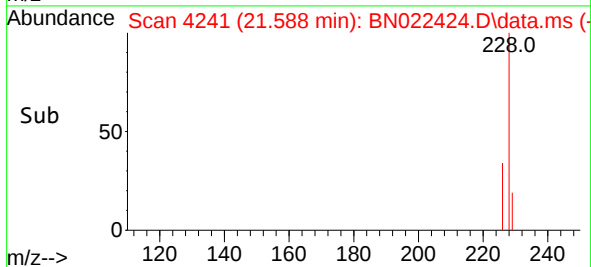
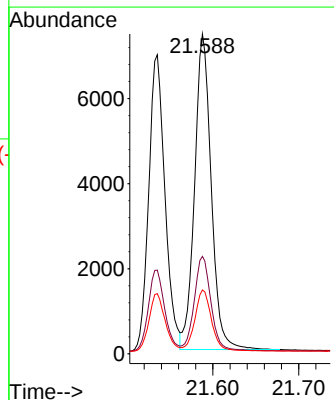
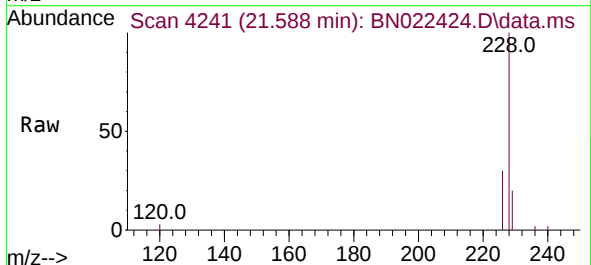
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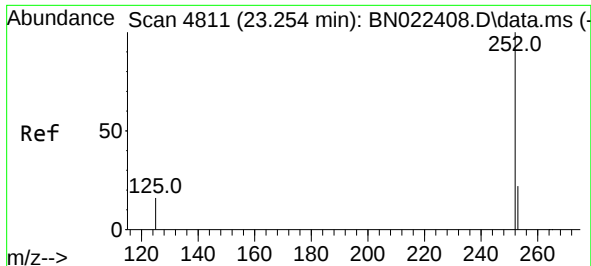
Tgt Ion:228 Resp: 9209
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 28.0 21.5 32.3



#22
Chrysene
Concen: 0.339 ng/ul
RT: 21.588 min Scan# 4241
Delta R.T. -0.006 min
Lab File: BN022424.D
Acq: 01 Nov 2022 05:59

Tgt Ion:228 Resp: 9974
Ion Ratio Lower Upper
228 100
226 30.5 23.9 35.9
229 20.0 15.9 23.9

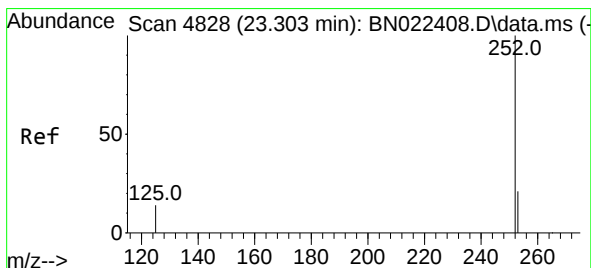
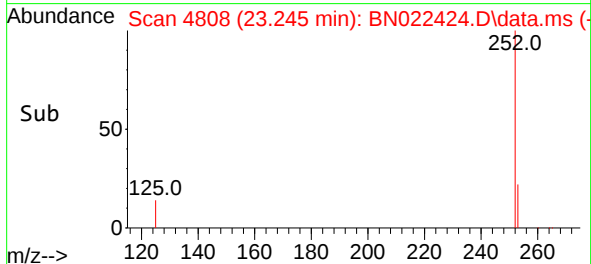
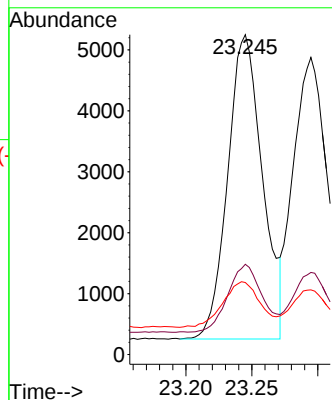
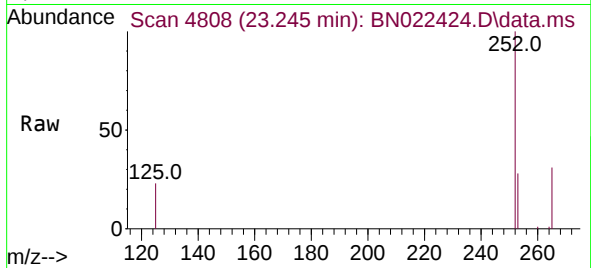




#24
Benzo(b)fluoranthene
Concen: 0.333 ng/ul
RT: 23.245 min Scan# 4811
Delta R.T. -0.006 min
Lab File: BN022424.D
Acq: 01 Nov 2022 05:59

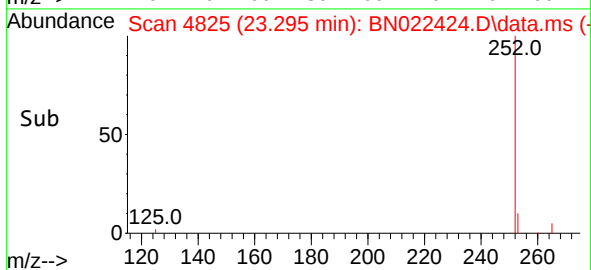
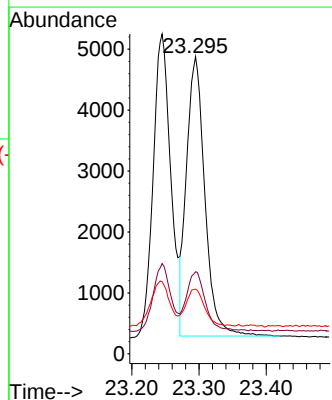
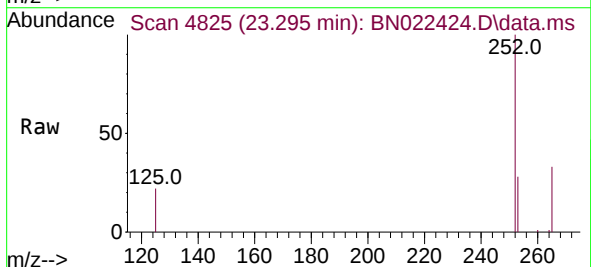
Instrument :
BNA_N
ClientSampleId :
SLCS647

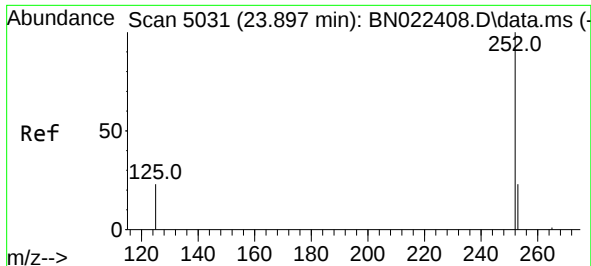
Tgt Ion:252 Resp: 9163
Ion Ratio Lower Upper
252 100
253 28.2 0.0 49.0
125 22.5 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.325 ng/ul
RT: 23.295 min Scan# 4825
Delta R.T. -0.006 min
Lab File: BN022424.D
Acq: 01 Nov 2022 05:59

Tgt Ion:252 Resp: 8702
Ion Ratio Lower Upper
252 100
253 27.6 19.7 29.5
125 21.8 14.0 21.0#

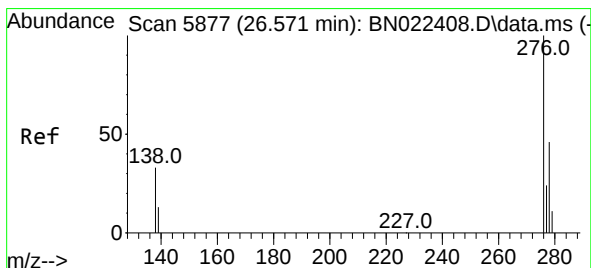
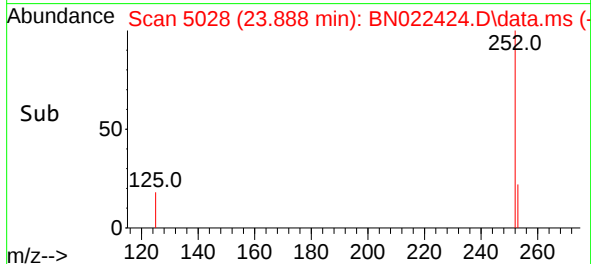
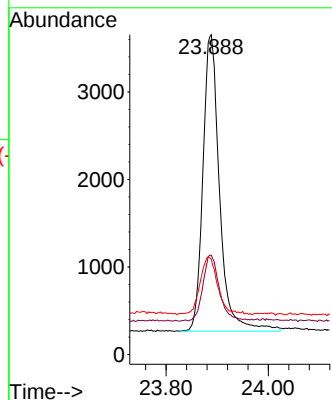
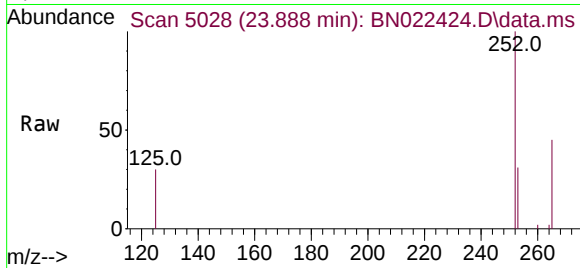




#26
Benzo(a)pyrene
Concen: 0.349 ng/ul
RT: 23.888 min Scan# 5031
Delta R.T. -0.003 min
Lab File: BN022424.D
Acq: 01 Nov 2022 05:59

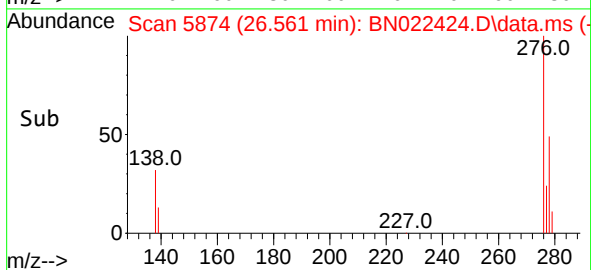
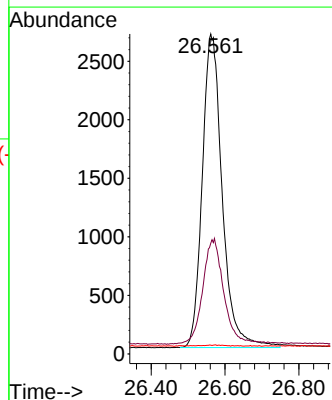
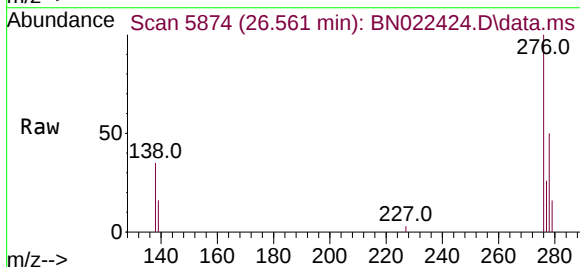
Instrument :
BNA_N
ClientSampleId :
SLCS647

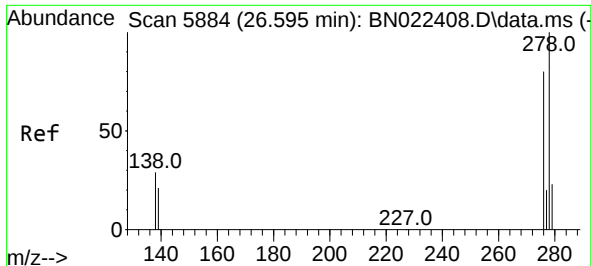
Tgt Ion:252 Resp: 7650
Ion Ratio Lower Upper
252 100
253 31.1 21.0 31.6
125 29.8 17.9 26.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng/ul
RT: 26.561 min Scan# 5874
Delta R.T. -0.007 min
Lab File: BN022424.D
Acq: 01 Nov 2022 05:59

Tgt Ion:276 Resp: 10066
Ion Ratio Lower Upper
276 100
138 0.0 27.7 41.5#
227 0.1 0.2 0.2#

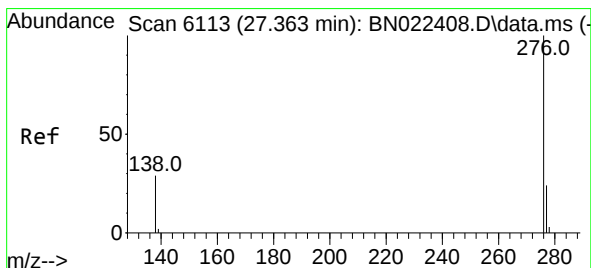
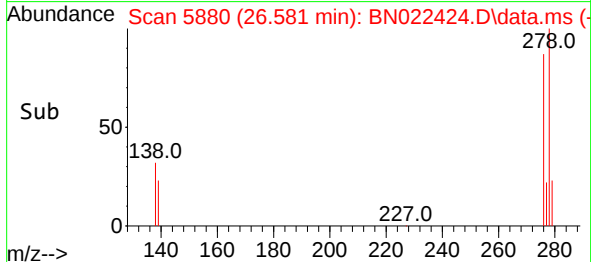
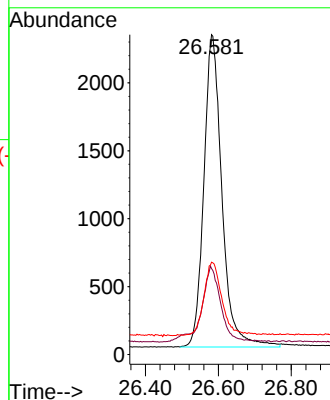
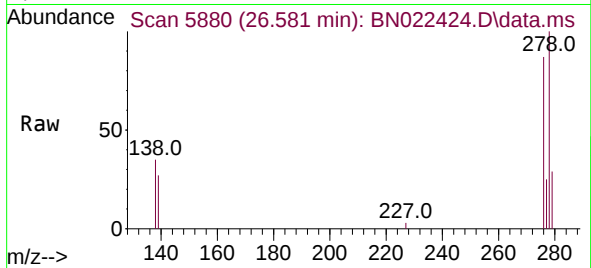




#28
Dibenzo(a,h)anthracene
Concen: 0.363 ng/ul
RT: 26.581 min Scan# 5880
Delta R.T. -0.007 min
Lab File: BN022424.D
Acq: 01 Nov 2022 05:59

Instrument :
BNA_N
ClientSampleId :
SLCS647

Tgt Ion:278 Resp: 7919
Ion Ratio Lower Upper
278 100
139 26.9 19.6 29.4
279 28.9 20.6 30.8



#29
Benzo(g,h,i)perylene
Concen: 0.383 ng/ul
RT: 27.356 min Scan# 6111
Delta R.T. -0.003 min
Lab File: BN022424.D
Acq: 01 Nov 2022 05:59

Tgt Ion:276 Resp: 8510
Ion Ratio Lower Upper
276 100
138 32.5 25.2 37.8
277 26.0 19.9 29.9

