

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081522\
 Data File : BN021234.D
 Acq On : 15 Aug 2022 13:43
 Operator : CG/JU
 Sample : PB146922BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS922

Quant Time: Aug 15 14:28:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 04:02:44 2022
 Response via : Initial Calibration

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

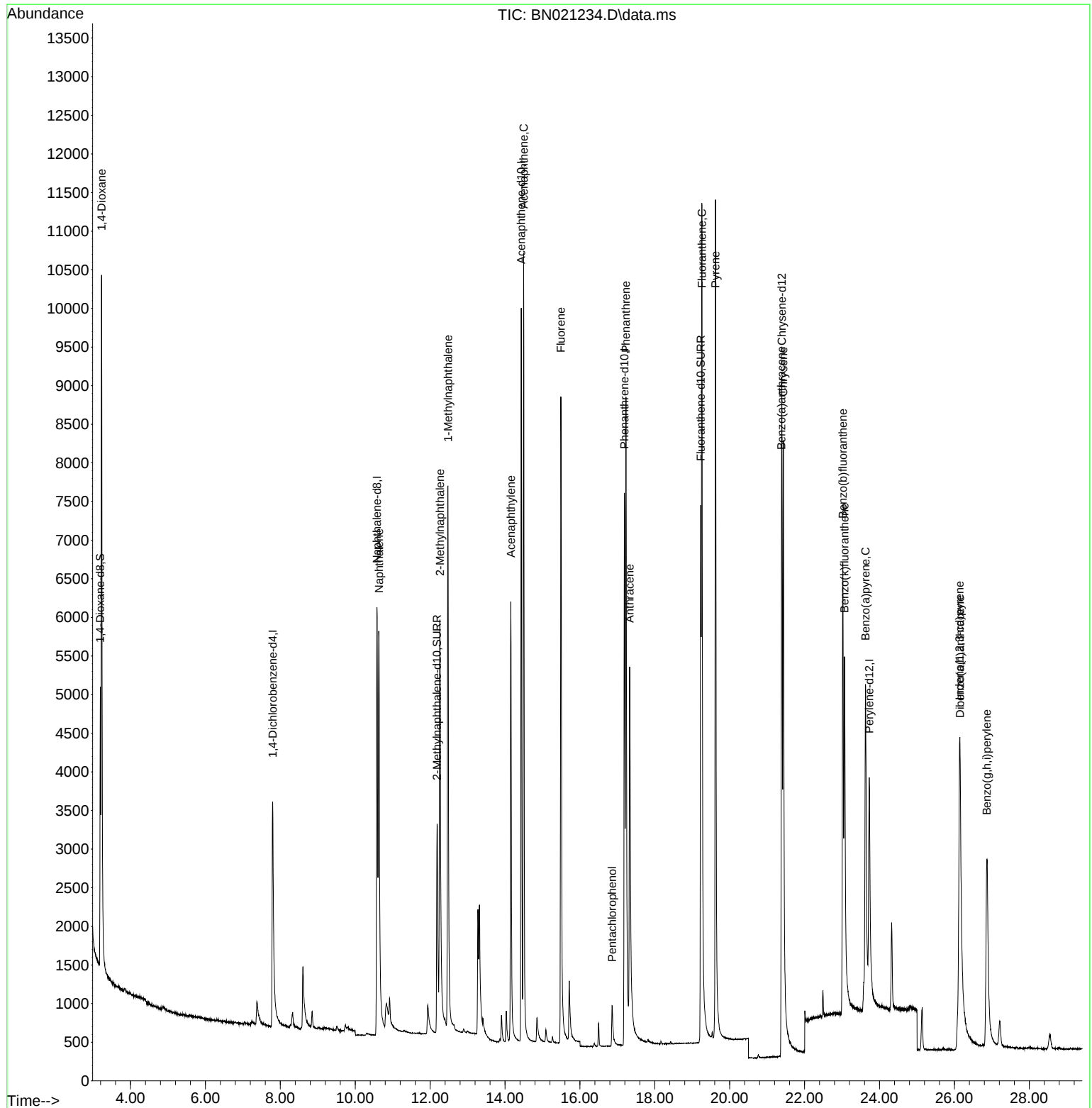
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	2720	0.400	ng/ul	0.00
4) Naphthalene-d8	10.580	136	9896	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.433	164	5652	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.188	188	9994	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	6412	0.400	ng/ul	0.00
23) Perylene-d12	23.727	264	5130	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.194	96	2395	0.688	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.186	152	4967	0.343	ng/ul	0.00
18) Fluoranthene-d10	19.226	212	9430	0.476	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	6132	1.711	ng/ul	86
5) Naphthalene	10.635	128	9413	0.310	ng/ul	99
7) 2-Methylnaphthalene	12.263	142	5582	0.303	ng/ul	98
8) 1-Methylnaphthalene	12.477	142	6150	0.333	ng/ul	100
10) Acenaphthylene	14.156	152	8020	0.303	ng/ul	99
11) Acenaphthene	14.498	153	6591	0.302	ng/ul	99
12) Fluorene	15.493	166	7011	0.293	ng/ul	100
14) Pentachlorophenol	16.859	266	574	0.372	ng/ul	97
15) Phenanthrene	17.231	178	10897	0.305	ng/ul	100
16) Anthracene	17.328	178	8366	0.302	ng/ul	100
19) Fluoranthene	19.259	202	11553	0.407	ng/ul	100
20) Pyrene	19.621	202	11994	0.409	ng/ul	97
21) Benzo(a)anthracene	21.383	228	6302	0.301	ng/ul	98
22) Chrysene	21.433	228	8602	0.312	ng/ul	99
24) Benzo(b)fluoranthene	23.020	252	7666	0.323	ng/ul	88
25) Benzo(k)fluoranthene	23.067	252	8056	0.321	ng/ul	98
26) Benzo(a)pyrene	23.625	252	7425	0.343	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.139	276	7730	0.299	ng/ul	94
28) Dibenzo(a,h)anthracene	26.155	278	5724	0.280	ng/ul	96
29) Benzo(g,h,i)perylene	26.866	276	7092	0.307	ng/ul	98

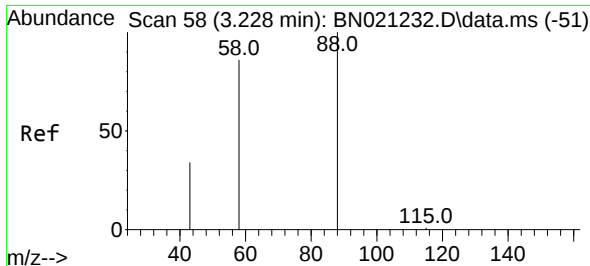
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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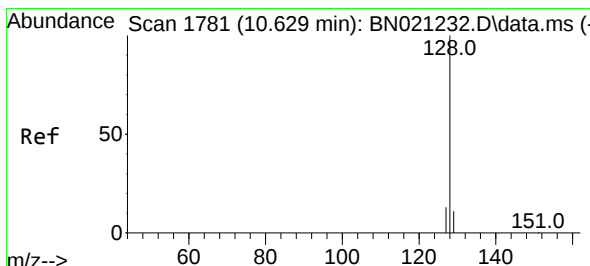
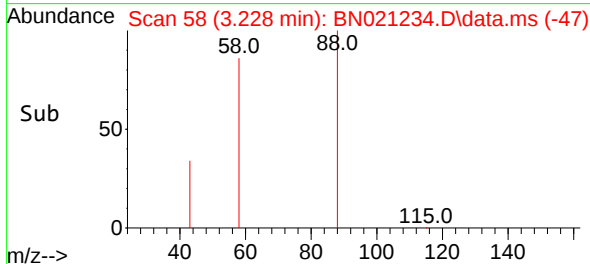
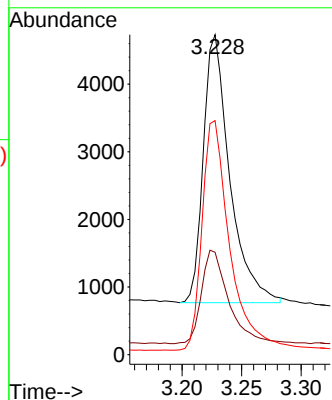
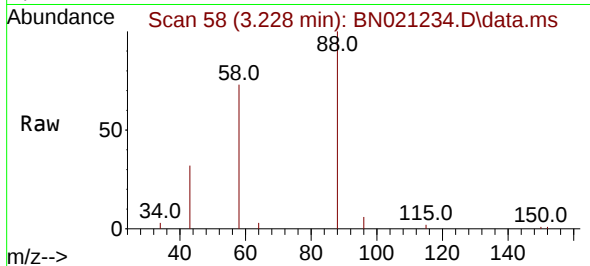




#2
1,4-Dioxane
Concen: 1.711 ng/ul
RT: 3.228 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN021234.D
Acq: 15 Aug 2022 13:43

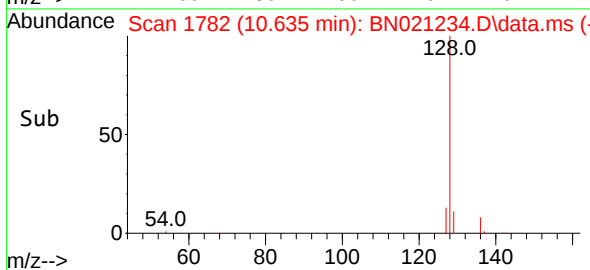
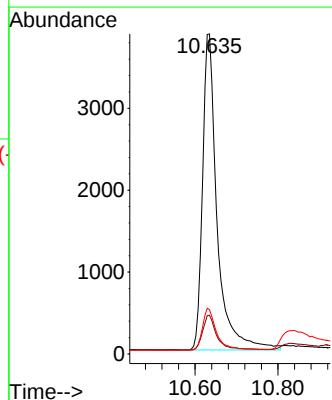
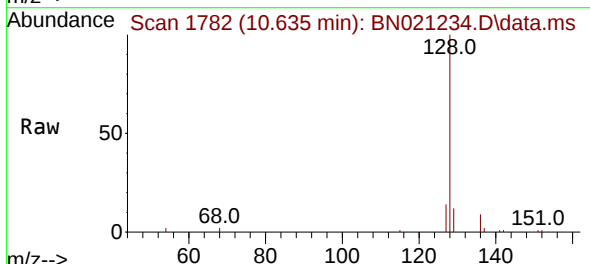
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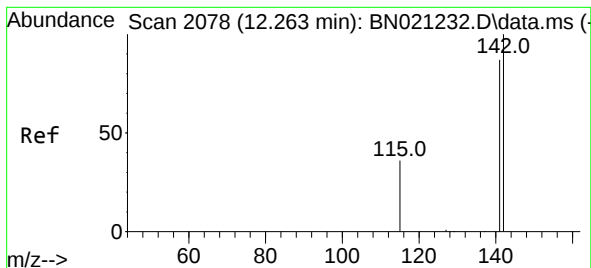
Tgt Ion: 88 Resp: 6132
Ion Ratio Lower Upper
88 100
43 32.0 31.4 47.0
58 73.2 49.0 73.6



#5
Naphthalene
Concen: 0.310 ng/ul
RT: 10.635 min Scan# 1782
Delta R.T. 0.006 min
Lab File: BN021234.D
Acq: 15 Aug 2022 13:43

Tgt Ion:128 Resp: 9413
Ion Ratio Lower Upper
128 100
129 12.1 9.8 14.6
127 13.8 11.6 17.4

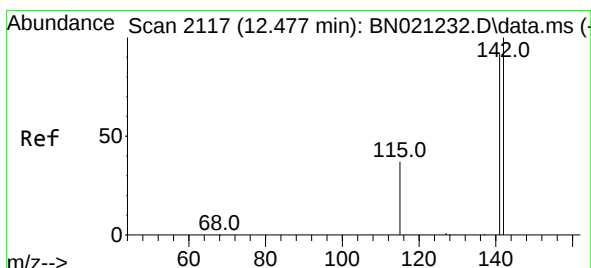
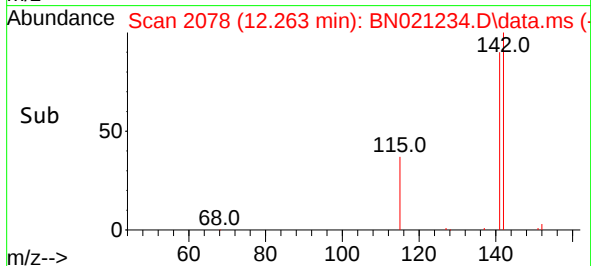
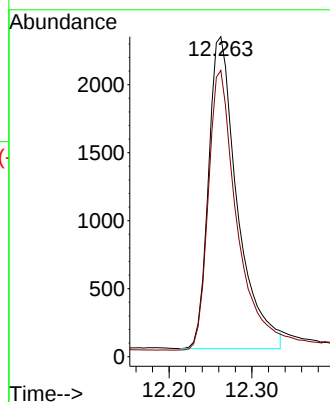
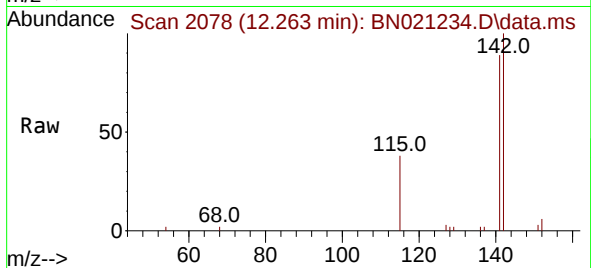




#7
2-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.263 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BN021234.D
Acq: 15 Aug 2022 13:43

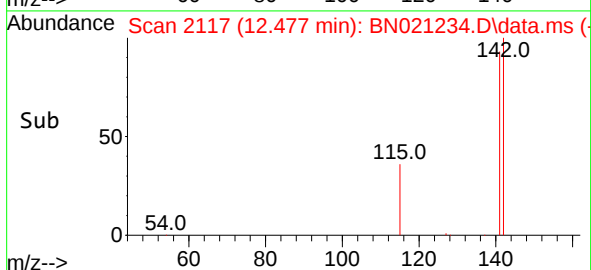
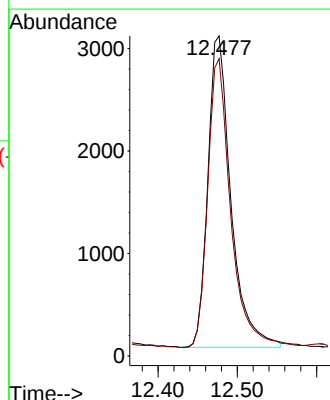
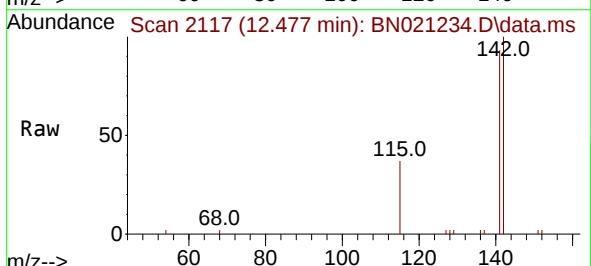
Instrument :
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ClientSampleId :
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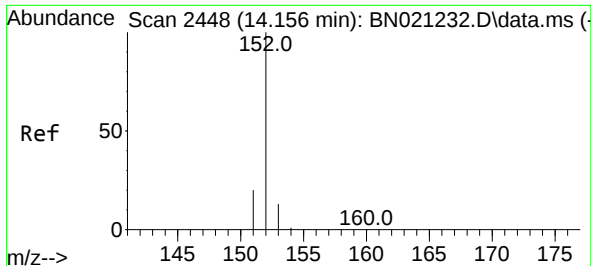
Tgt Ion:142 Resp: 5582
Ion Ratio Lower Upper
142 100
141 88.7 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.477 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BN021234.D
Acq: 15 Aug 2022 13:43

Tgt Ion:142 Resp: 6150
Ion Ratio Lower Upper
142 100
141 92.2 73.9 110.9

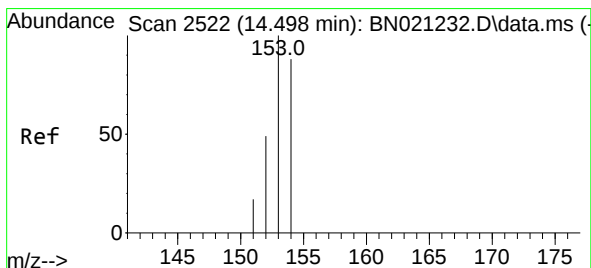
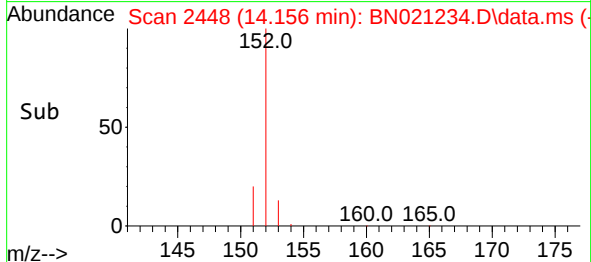
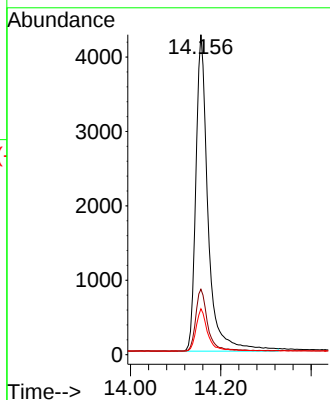
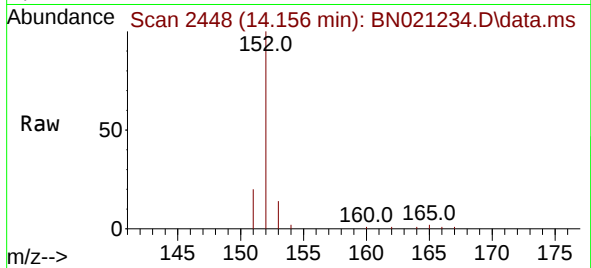




#10
Acenaphthylene
Concen: 0.303 ng/u1
RT: 14.156 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BN021234.D
Acq: 15 Aug 2022 13:43

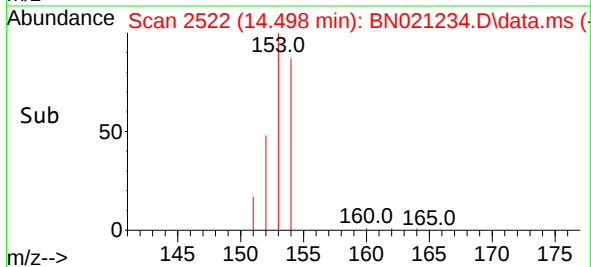
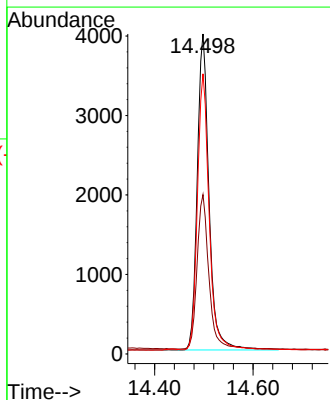
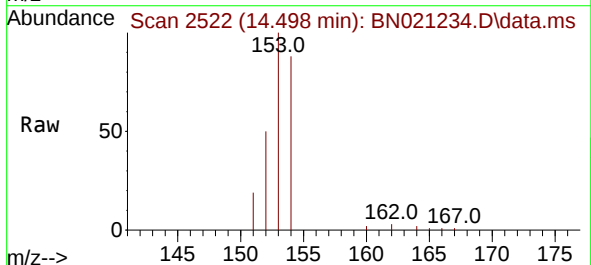
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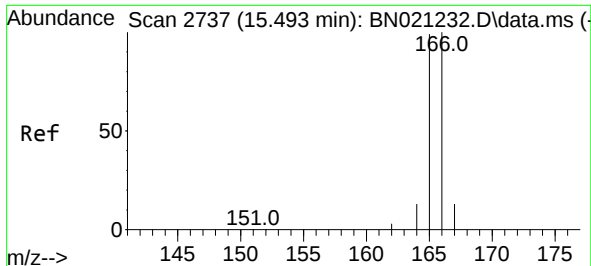
Tgt Ion:152 Resp: 8020
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 14.4 11.2 16.8



#11
Acenaphthene
Concen: 0.302 ng/u1
RT: 14.498 min Scan# 2522
Delta R.T. 0.000 min
Lab File: BN021234.D
Acq: 15 Aug 2022 13:43

Tgt Ion:153 Resp: 6591
Ion Ratio Lower Upper
153 100
152 49.8 40.2 60.4
154 87.6 70.7 106.1

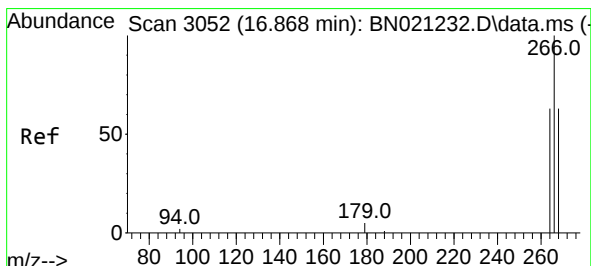
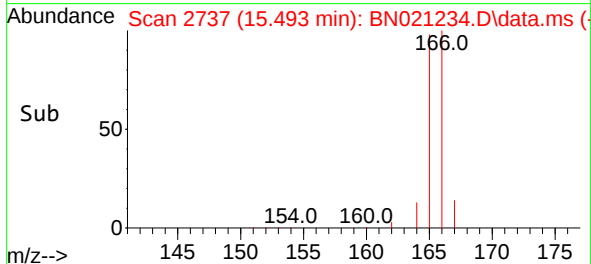
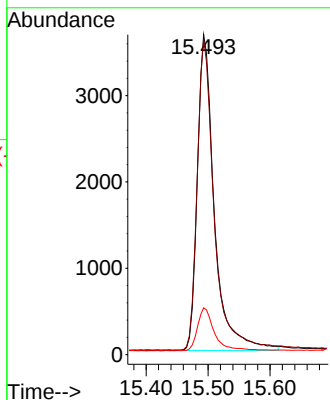
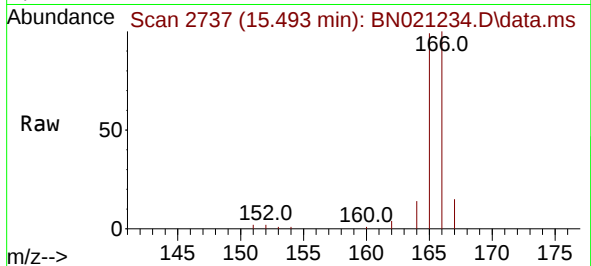




#12
Fluorene
Concen: 0.293 ng/ul
RT: 15.493 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021234.D
Acq: 15 Aug 2022 13:43

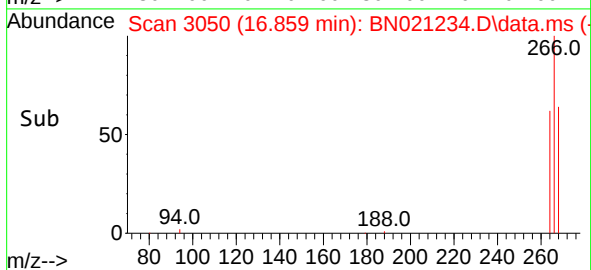
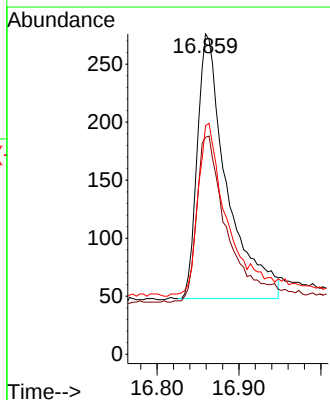
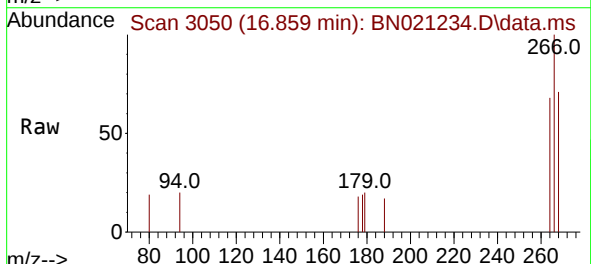
Instrument :
BNA_N
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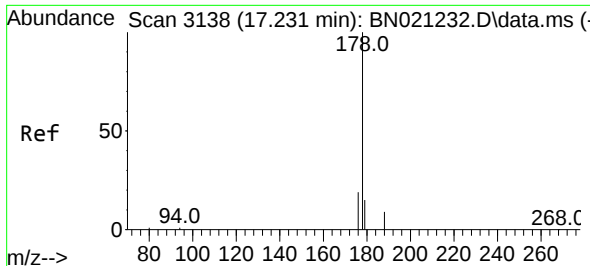
Tgt Ion:166 Resp: 7011
Ion Ratio Lower Upper
166 100
165 98.7 78.6 117.8
167 14.7 11.8 17.6



#14
Pentachlorophenol
Concen: 0.372 ng/ul
RT: 16.859 min Scan# 3050
Delta R.T. -0.004 min
Lab File: BN021234.D
Acq: 15 Aug 2022 13:43

Tgt Ion:266 Resp: 574
Ion Ratio Lower Upper
266 100
264 64.8 49.8 74.8
268 65.5 50.6 75.8

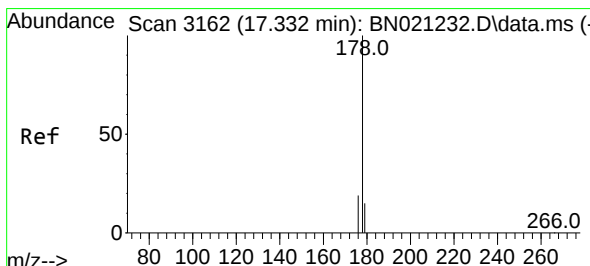
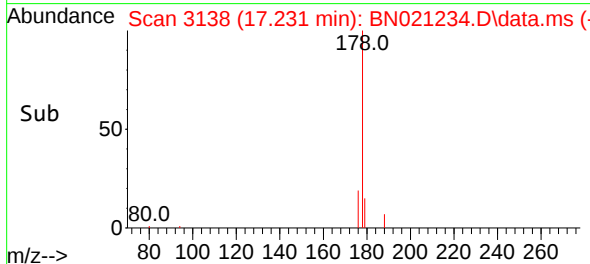
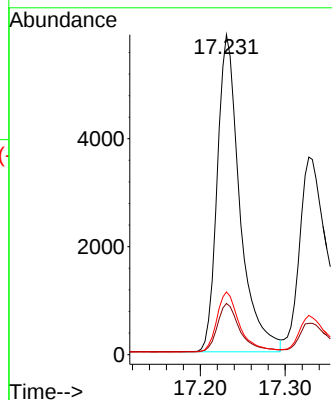
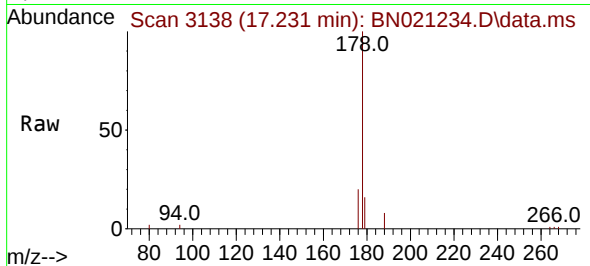




#15
 Phenanthrene
 Concen: 0.305 ng/u1
 RT: 17.231 min Scan# 3138
 Delta R.T. 0.000 min
 Lab File: BN021234.D
 Acq: 15 Aug 2022 13:43

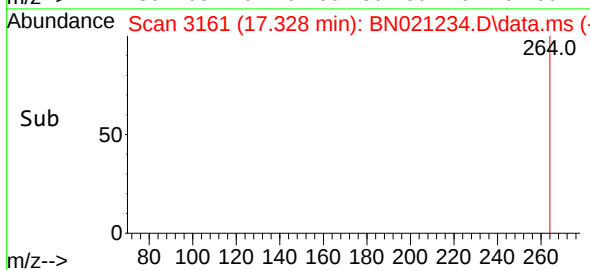
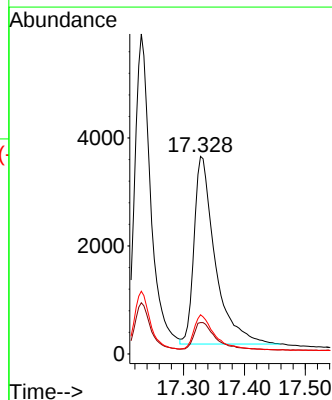
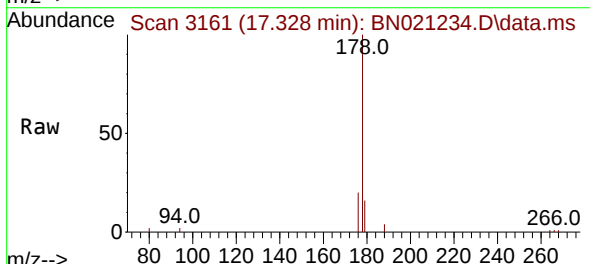
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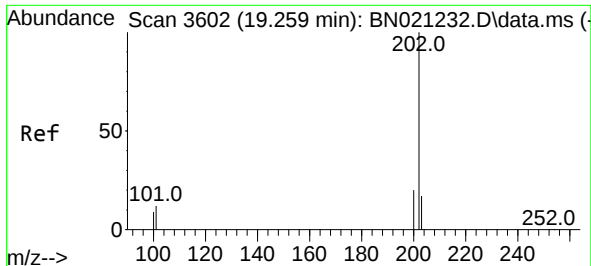
Tgt Ion:178 Resp: 10897
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.8 19.2
 176 19.6 15.9 23.9



#16
 Anthracene
 Concen: 0.302 ng/u1
 RT: 17.328 min Scan# 3161
 Delta R.T. 0.000 min
 Lab File: BN021234.D
 Acq: 15 Aug 2022 13:43

Tgt Ion:178 Resp: 8366
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.9 19.3
 176 19.8 15.9 23.9

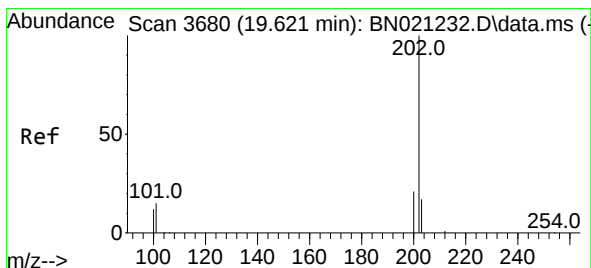
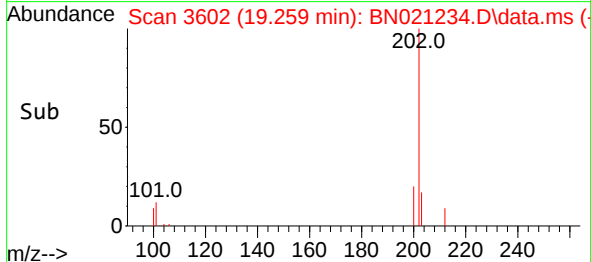
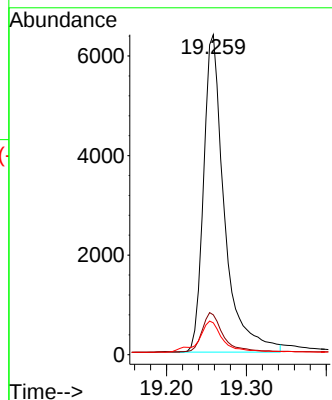
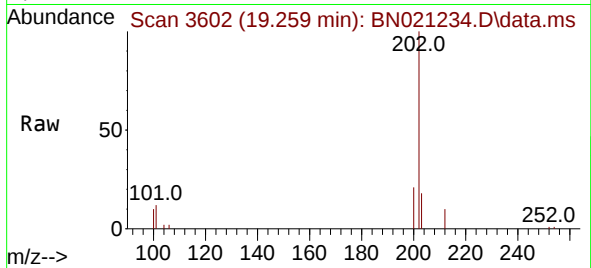




#19
Fluoranthene
Concen: 0.407 ng/u1
RT: 19.259 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN021234.D
Acq: 15 Aug 2022 13:43

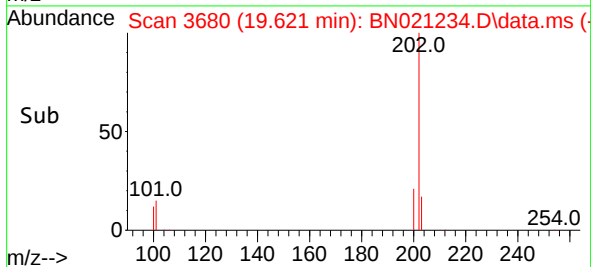
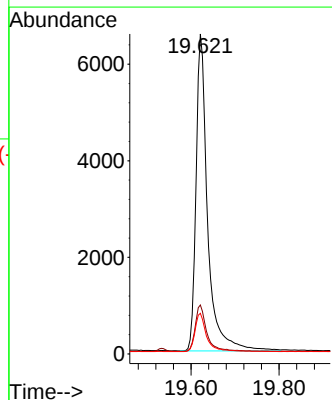
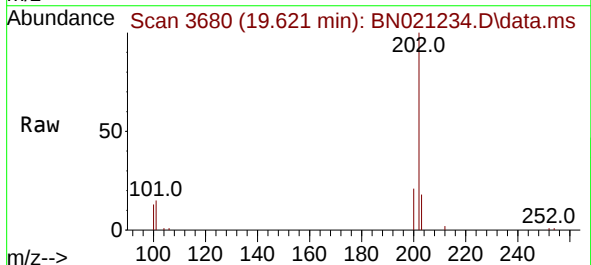
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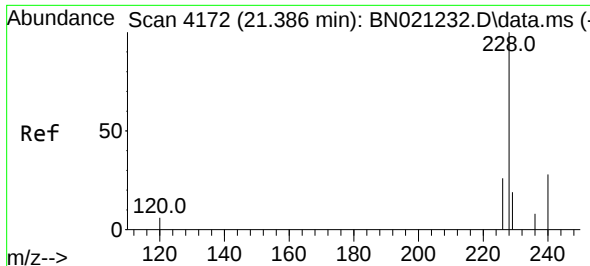
Tgt Ion:202 Resp: 11553
Ion Ratio Lower Upper
202 100
101 12.4 10.0 15.0
100 10.0 8.0 12.0



#20
Pyrene
Concen: 0.409 ng/u1
RT: 19.621 min Scan# 3680
Delta R.T. 0.000 min
Lab File: BN021234.D
Acq: 15 Aug 2022 13:43

Tgt Ion:202 Resp: 11994
Ion Ratio Lower Upper
202 100
101 15.3 11.3 16.9
100 12.7 9.0 13.4

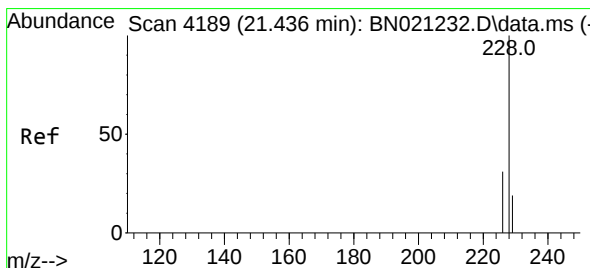
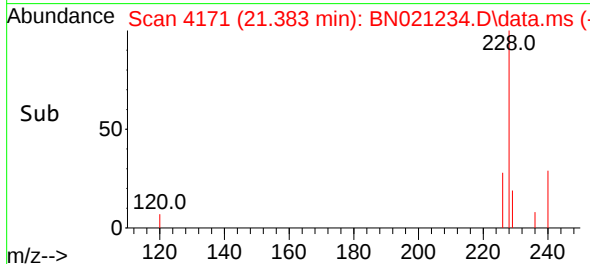
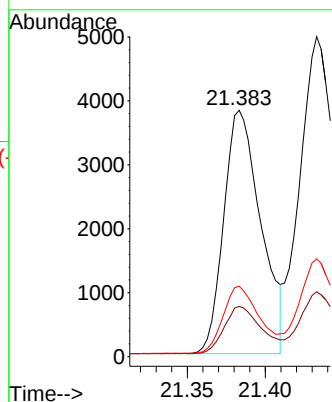
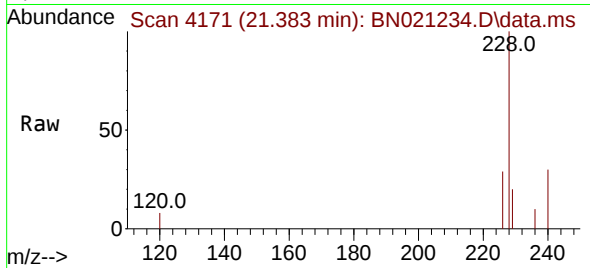




#21
Benzo(a)anthracene
Concen: 0.301 ng/ul
RT: 21.383 min Scan# 4171
Delta R.T. 0.003 min
Lab File: BN021234.D
Acq: 15 Aug 2022 13:43

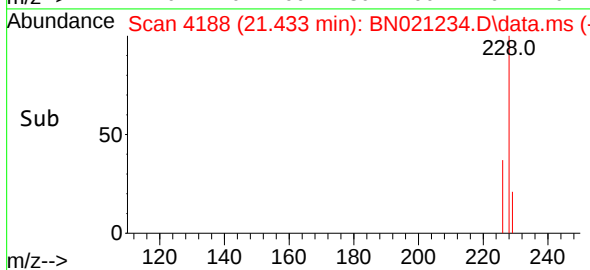
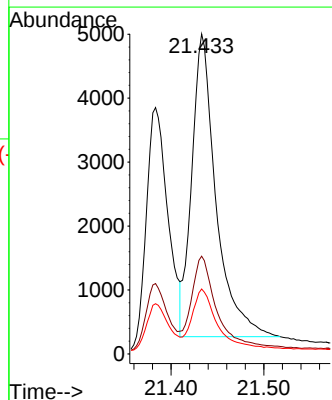
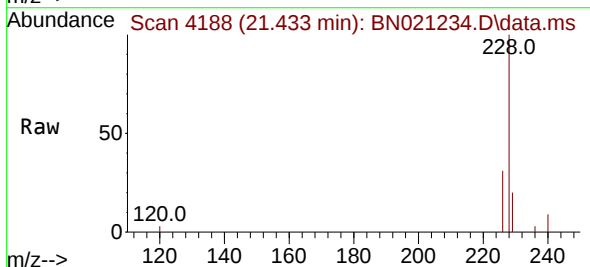
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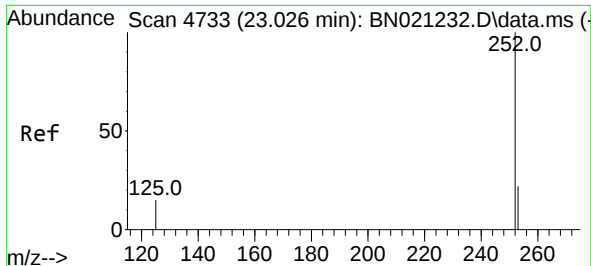
Tgt Ion:228 Resp: 6302
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 28.6 21.9 32.9



#22
Chrysene
Concen: 0.312 ng/ul
RT: 21.433 min Scan# 4188
Delta R.T. 0.003 min
Lab File: BN021234.D
Acq: 15 Aug 2022 13:43

Tgt Ion:228 Resp: 8602
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 20.3 15.8 23.8

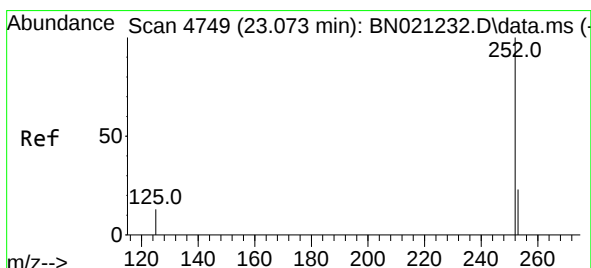
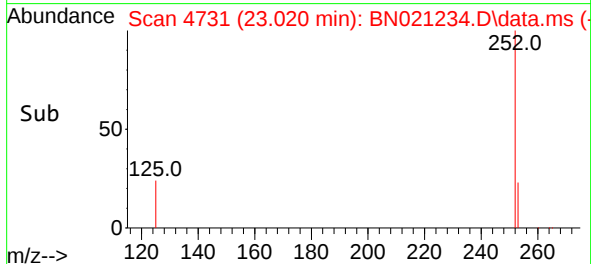
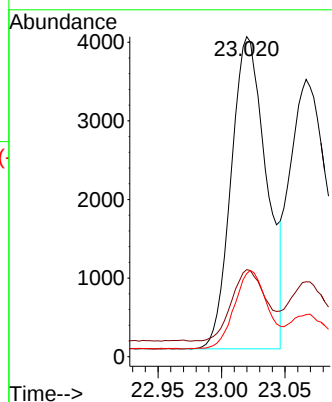
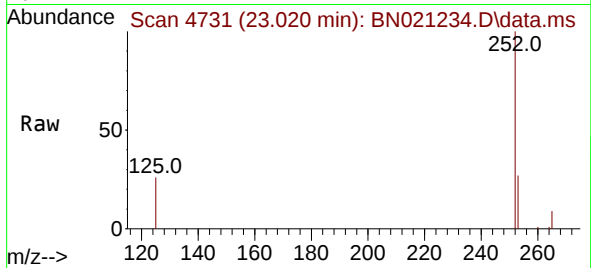




#24
Benzo(b)fluoranthene
Concen: 0.323 ng/ul
RT: 23.020 min Scan# 4731
Delta R.T. 0.003 min
Lab File: BN021234.D
Acq: 15 Aug 2022 13:43

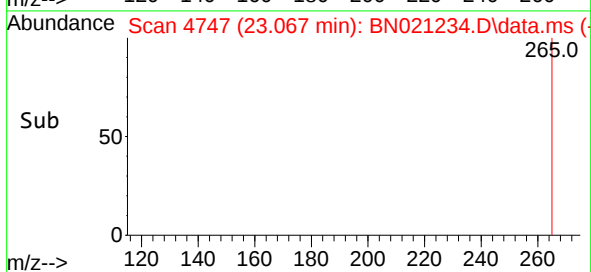
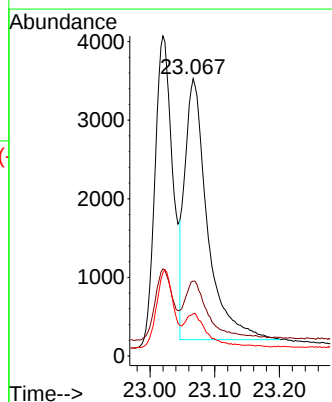
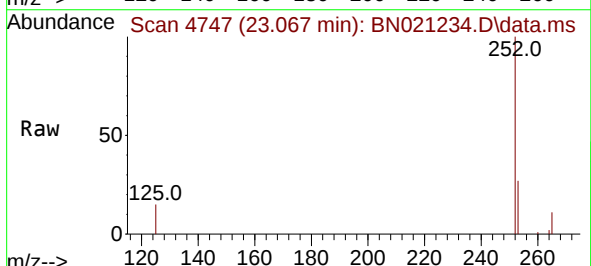
Instrument :
BNA_N
ClientSampleId :
SLCS922

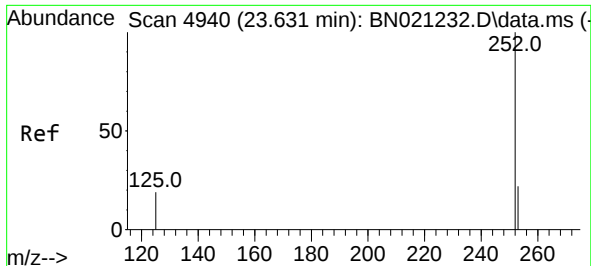
Tgt Ion:252 Resp: 7666
Ion Ratio Lower Upper
252 100
253 27.2 0.0 50.8
125 26.0 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.321 ng/ul
RT: 23.067 min Scan# 4747
Delta R.T. 0.003 min
Lab File: BN021234.D
Acq: 15 Aug 2022 13:43

Tgt Ion:252 Resp: 8056
Ion Ratio Lower Upper
252 100
253 27.0 20.6 31.0
125 15.2 11.8 17.6

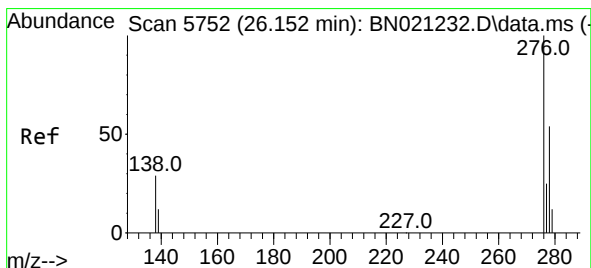
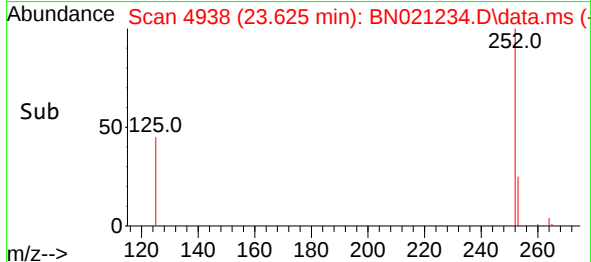
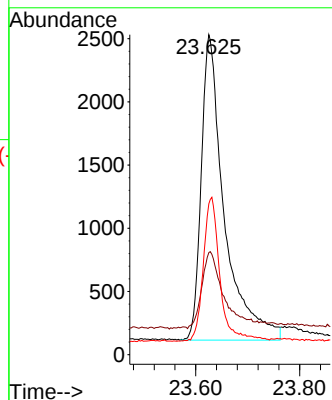
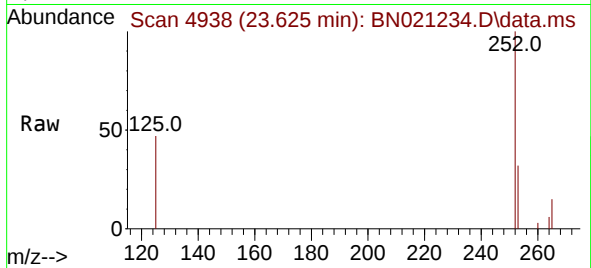




#26
Benzo(a)pyrene
Concen: 0.343 ng/ul
RT: 23.625 min Scan# 4938
Delta R.T. 0.003 min
Lab File: BN021234.D
Acq: 15 Aug 2022 13:43

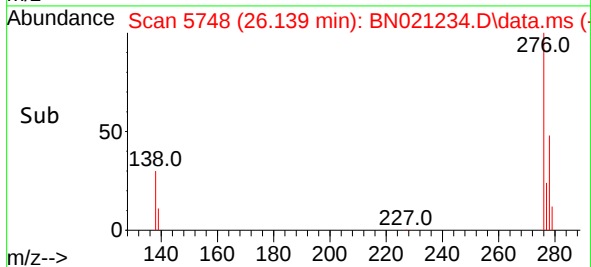
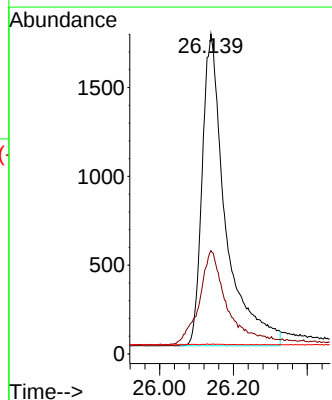
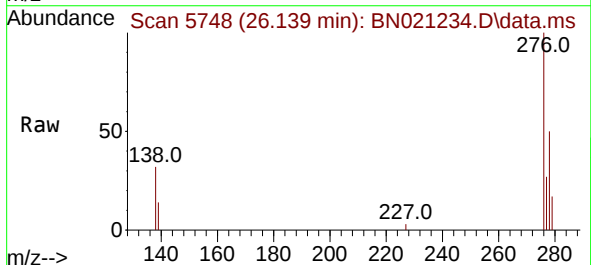
Instrument :
BNA_N
ClientSampleId :
SLCS922

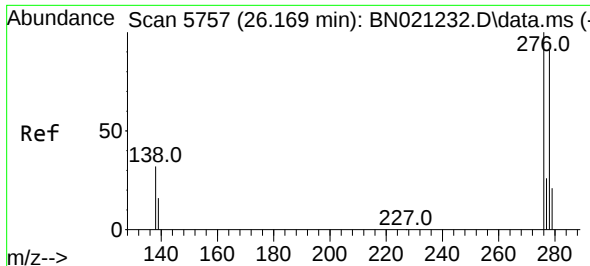
Tgt Ion:252 Resp: 7425
Ion Ratio Lower Upper
252 100
253 31.9 22.1 33.1
125 47.1 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.299 ng/ul
RT: 26.139 min Scan# 5748
Delta R.T. 0.003 min
Lab File: BN021234.D
Acq: 15 Aug 2022 13:43

Tgt Ion:276 Resp: 7730
Ion Ratio Lower Upper
276 100
138 36.2 26.1 39.1
227 0.1 0.1 0.1



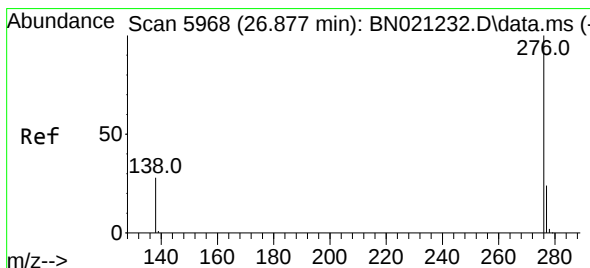
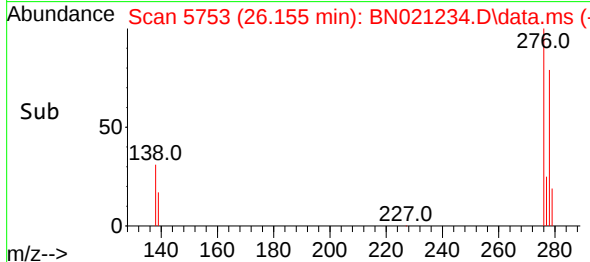
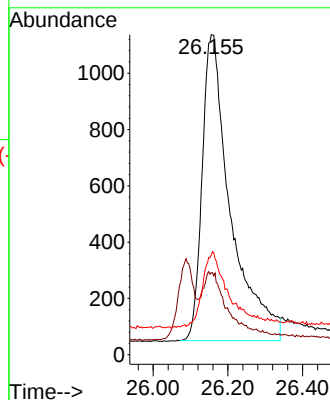
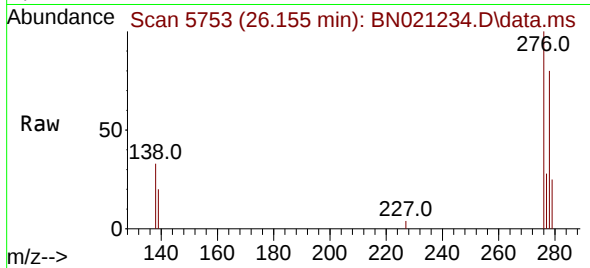


#28
Dibenzo(a,h)anthracene
Concen: 0.280 ng/ul
RT: 26.155 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN021234.D
Acq: 15 Aug 2022 13:43

Instrument :
BNA_N
ClientSampleId :
SLCS922

Tgt Ion:278 Resp: 5724

Ion	Ratio	Lower	Upper
278	100		
139	25.6	18.3	27.5
279	31.0	23.9	35.9



#29
Benzo(g,h,i)perylene
Concen: 0.307 ng/ul
RT: 26.866 min Scan# 5965
Delta R.T. -0.003 min
Lab File: BN021234.D
Acq: 15 Aug 2022 13:43

Tgt Ion:276 Resp: 7092

Ion	Ratio	Lower	Upper
276	100		
138	29.7	22.6	34.0
277	26.2	20.2	30.2

