

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072122\
 Data File : BN020810.D
 Acq On : 21 Jul 2022 15:05
 Operator : CG/JU
 Sample : PB146317BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS317

Quant Time: Jul 21 15:34:36 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 01:02:30 2022
 Response via : Initial Calibration

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

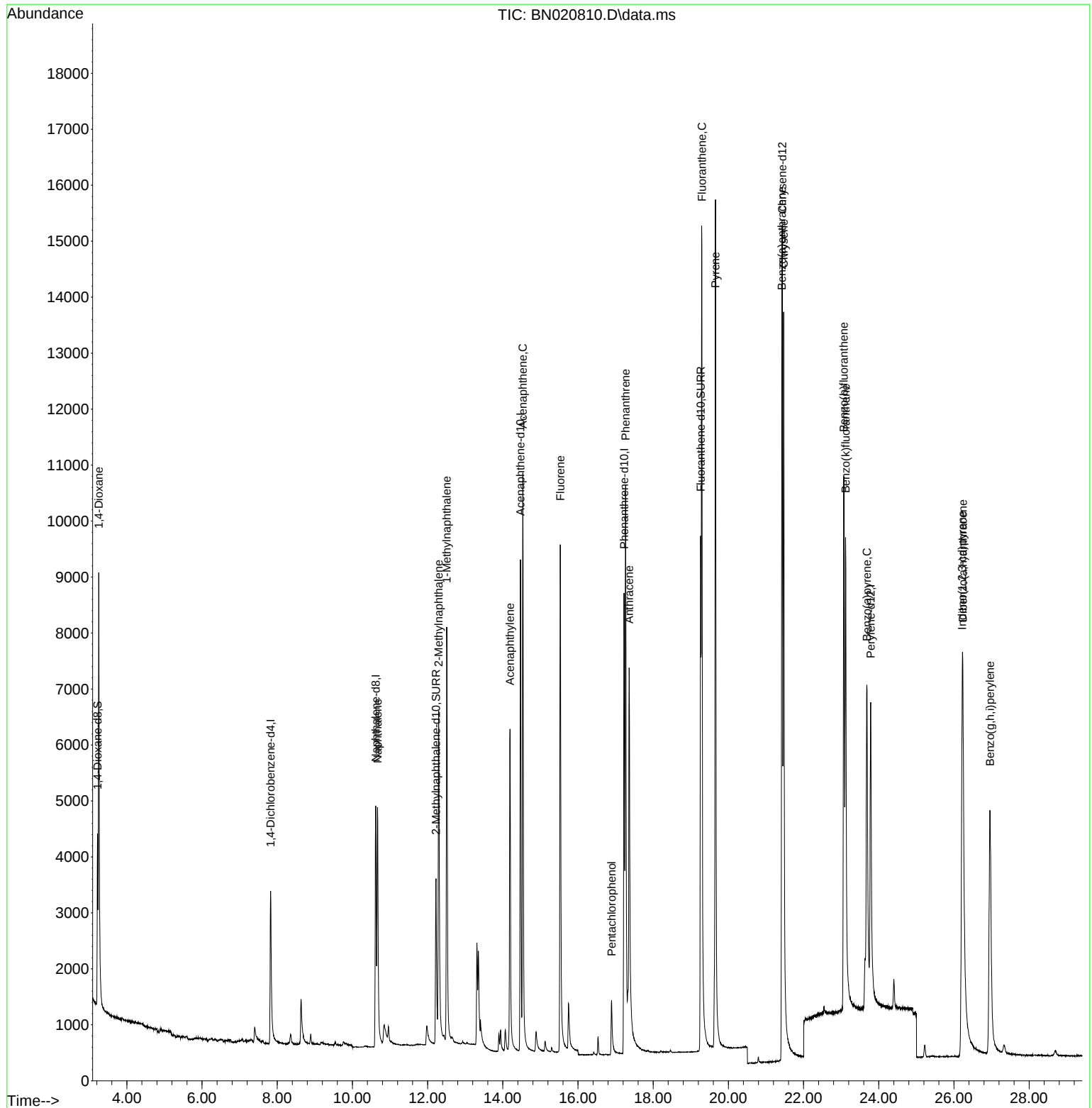
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	2132	0.400	ng/u1	0.00
4) Naphthalene-d8	10.617	136	7268	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.469	164	5513	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.225	188	11244	0.400	ng/u1	0.00
17) Chrysene-d12	21.433	240	10233	0.400	ng/u1	0.00
23) Perylene-d12	23.786	264	8372	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	2092	0.847	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.223	152	4944	0.415	ng/u1	0.00
18) Fluoranthene-d10	19.262	212	11970	0.355	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	5127	2.033	ng/u1#	82
5) Naphthalene	10.667	128	7195	0.321	ng/u1	99
7) 2-Methylnaphthalene	12.294	142	5645	0.376	ng/u1	99
8) 1-Methylnaphthalene	12.509	142	6109	0.429	ng/u1	99
10) Acenaphthylene	14.192	152	8337	0.319	ng/u1	100
11) Acenaphthene	14.534	153	6846	0.327	ng/u1	100
12) Fluorene	15.529	166	7600	0.307	ng/u1	99
14) Pentachlorophenol	16.892	266	964	0.425	ng/u1	99
15) Phenanthrene	17.267	178	12925	0.331	ng/u1	100
16) Anthracene	17.360	178	10461	0.310	ng/u1	99
19) Fluoranthene	19.295	202	15116	0.323	ng/u1	100
20) Pyrene	19.657	202	15734	0.325	ng/u1	98
21) Benzo(a)anthracene	21.422	228	10761	0.293	ng/u1	100
22) Chrysene	21.471	228	14118	0.345	ng/u1	100
24) Benzo(b)fluoranthene	23.070	252	13279	0.343	ng/u1	99
25) Benzo(k)fluoranthene	23.117	252	13817	0.353	ng/u1	99
26) Benzo(a)pyrene	23.684	252	11799	0.335	ng/u1	98
27) Indeno(1,2,3-cd)pyrene	26.220	276	13058	0.373	ng/u1#	99
28) Dibenzo(a,h)anthracene	26.236	278	9992	0.353	ng/u1	98
29) Benzo(g,h,i)perylene	26.957	276	11739	0.390	ng/u1	99

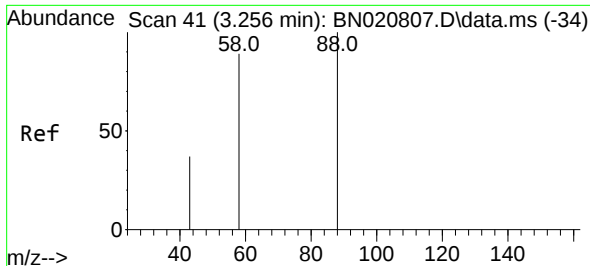
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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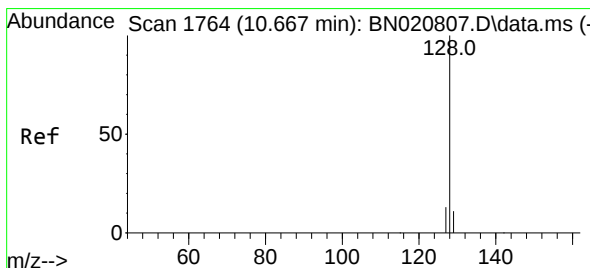
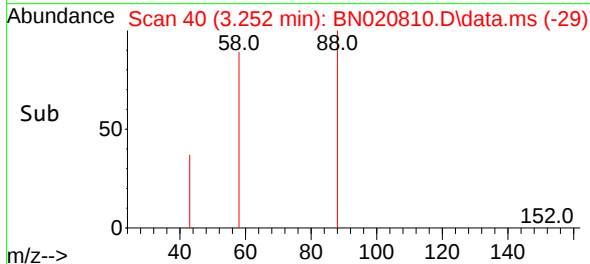
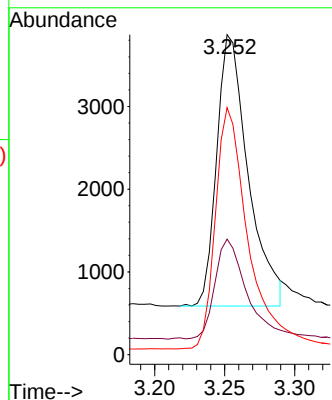
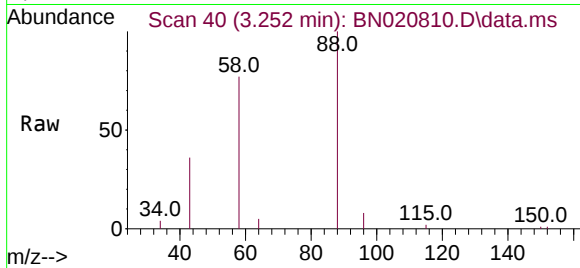




#2
 1,4-Dioxane
 Concen: 2.033 ng/ul
 RT: 3.252 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN020810.D
 Acq: 21 Jul 2022 15:05

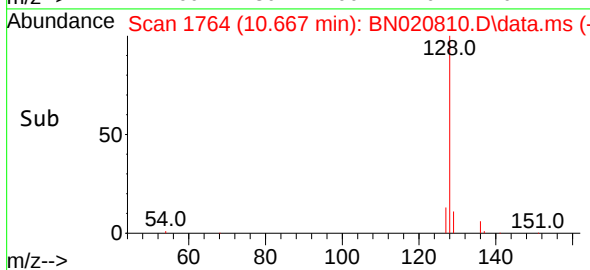
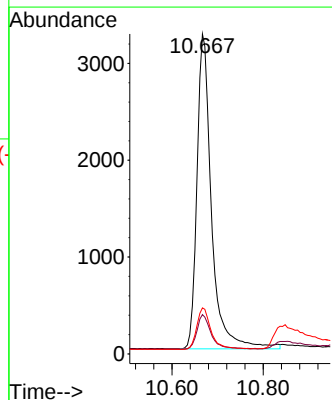
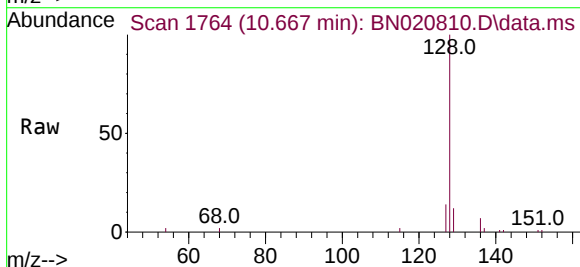
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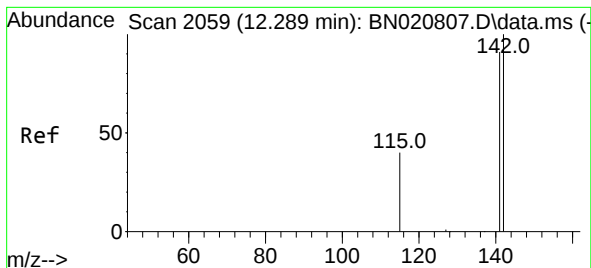
Tgt Ion: 88 Resp: 5127
 Ion Ratio Lower Upper
 88 100
 43 36.1 32.5 48.7
 58 77.2 46.2 69.2#



#5
 Naphthalene
 Concen: 0.321 ng/ul
 RT: 10.667 min Scan# 1764
 Delta R.T. -0.000 min
 Lab File: BN020810.D
 Acq: 21 Jul 2022 15:05

Tgt Ion: 128 Resp: 7195
 Ion Ratio Lower Upper
 128 100
 129 12.3 9.5 14.3
 127 14.4 11.3 16.9

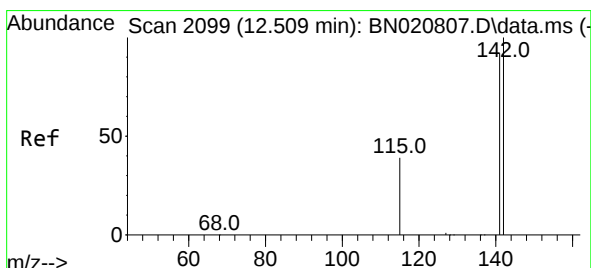
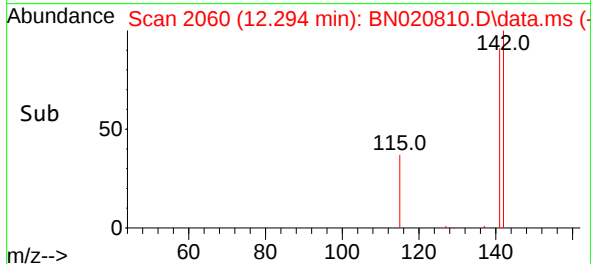
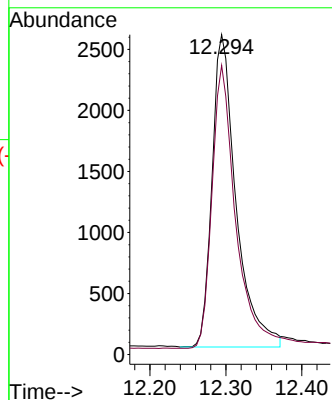
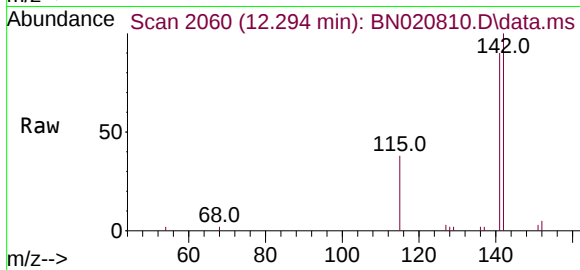




#7
2-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.294 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BN020810.D
Acq: 21 Jul 2022 15:05

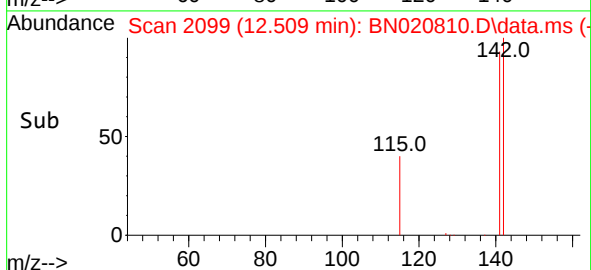
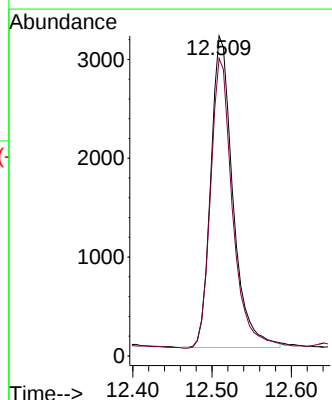
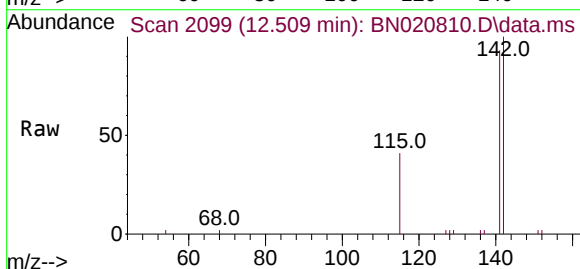
Instrument :
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ClientSampleId :
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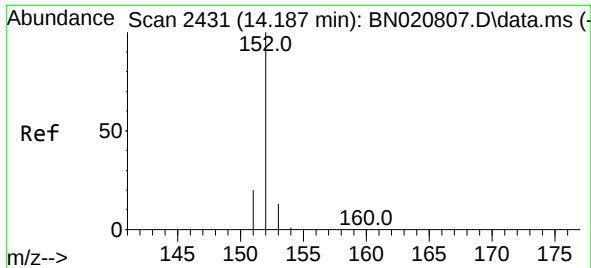
Tgt Ion:142 Resp: 5645
Ion Ratio Lower Upper
142 100
141 89.1 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.509 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN020810.D
Acq: 21 Jul 2022 15:05

Tgt Ion:142 Resp: 6109
Ion Ratio Lower Upper
142 100
141 92.6 73.7 110.5

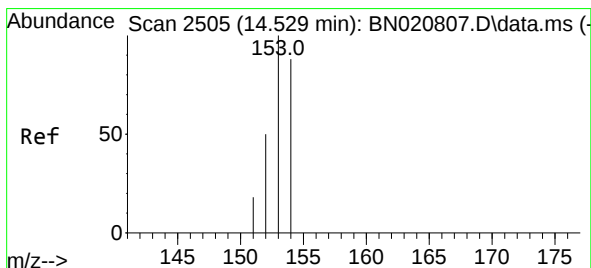
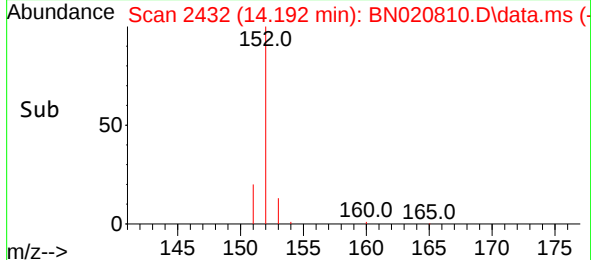
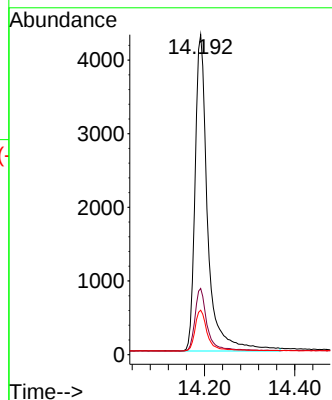
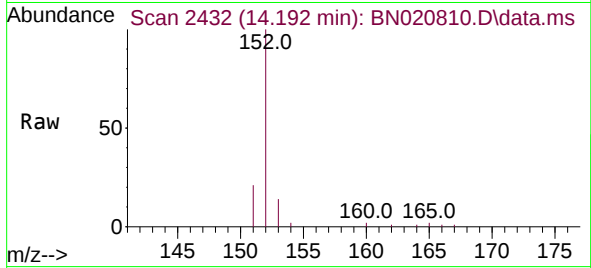




#10
Acenaphthylene
Concen: 0.319 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. 0.004 min
Lab File: BN020810.D
Acq: 21 Jul 2022 15:05

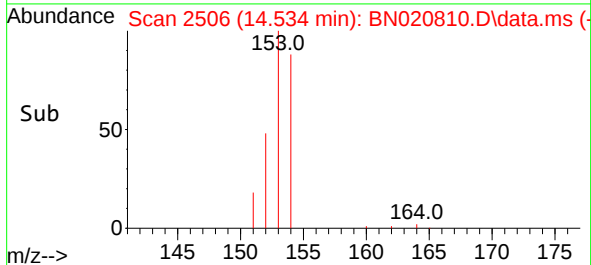
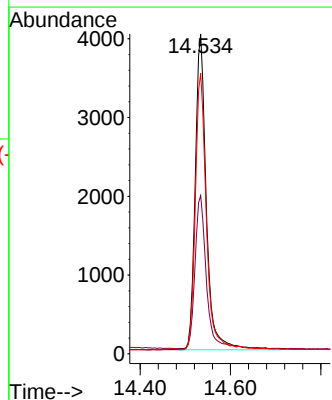
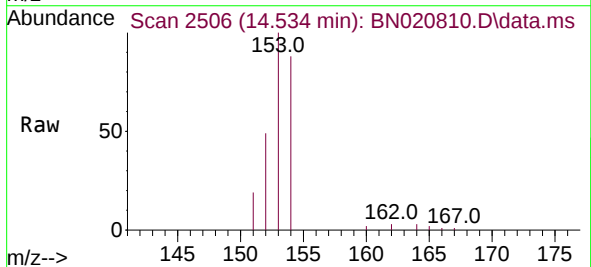
Instrument :
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ClientSampleId :
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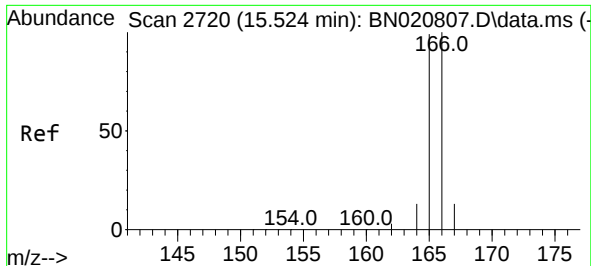
Tgt Ion:152 Resp: 8337
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.327 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. 0.004 min
Lab File: BN020810.D
Acq: 21 Jul 2022 15:05

Tgt Ion:153 Resp: 6846
Ion Ratio Lower Upper
153 100
152 49.5 40.0 60.0
154 87.7 70.0 105.0

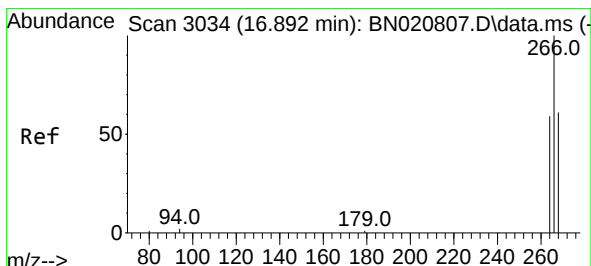
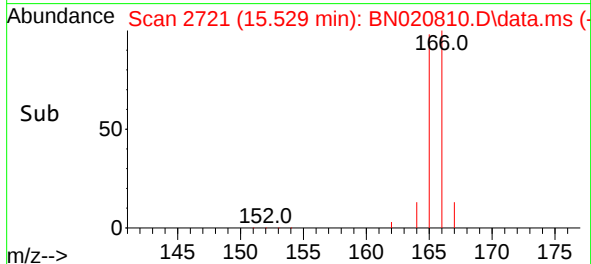
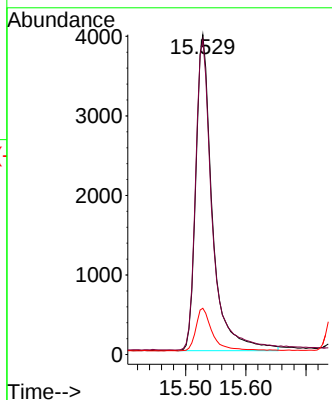
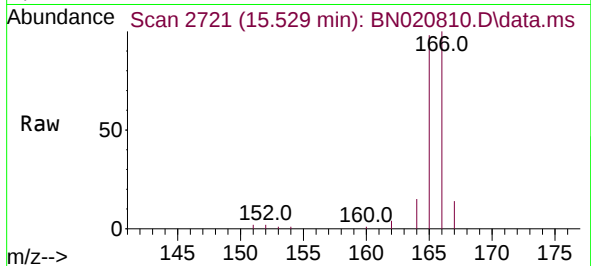




#12
 Fluorene
 Concen: 0.307 ng/ul
 RT: 15.529 min Scan# 2721
 Delta R.T. 0.004 min
 Lab File: BN020810.D
 Acq: 21 Jul 2022 15:05

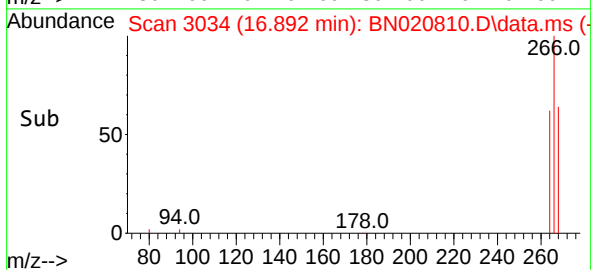
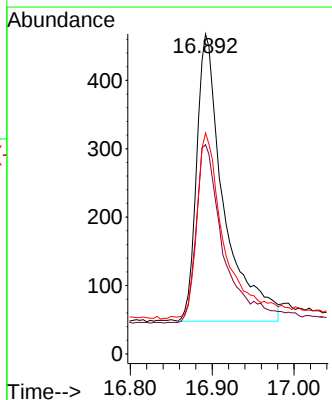
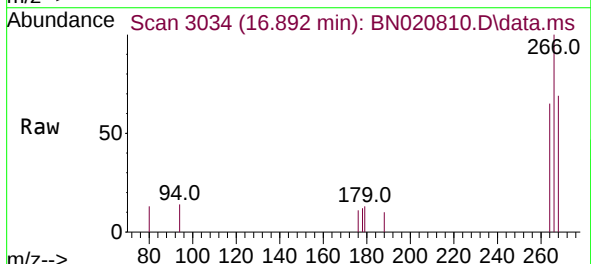
Instrument :
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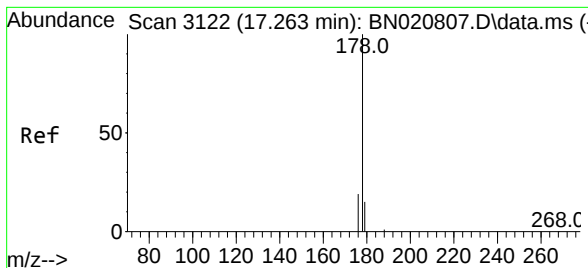
Tgt Ion:166 Resp: 7600
 Ion Ratio Lower Upper
 166 100
 165 98.3 78.2 117.2
 167 14.5 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.425 ng/ul
 RT: 16.892 min Scan# 3034
 Delta R.T. -0.001 min
 Lab File: BN020810.D
 Acq: 21 Jul 2022 15:05

Tgt Ion:266 Resp: 964
 Ion Ratio Lower Upper
 266 100
 264 63.7 51.6 77.4
 268 65.0 51.5 77.3





#15

Phenanthrene

Concen: 0.331 ng/ul

RT: 17.267 min Scan# 3122

Delta R.T. 0.003 min

Lab File: BN020810.D

Acq: 21 Jul 2022 15:05

Instrument :

BNA_N

ClientSampleId :

SLCS317

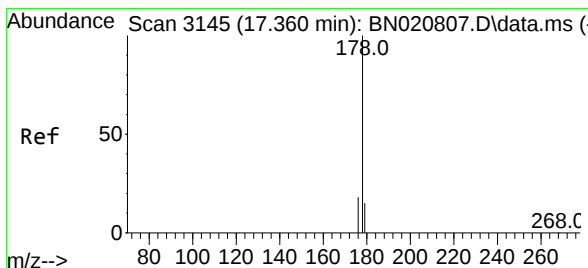
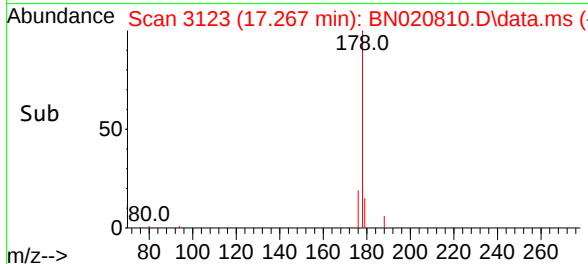
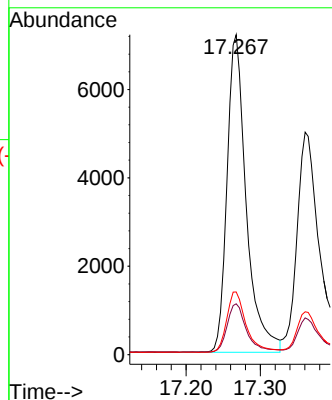
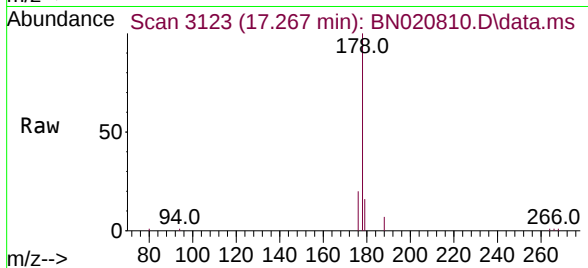
Tgt Ion:178 Resp: 12925

Ion Ratio Lower Upper

178 100

179 15.9 12.6 18.8

176 19.6 15.8 23.6



#16

Anthracene

Concen: 0.310 ng/ul

RT: 17.360 min Scan# 3145

Delta R.T. -0.001 min

Lab File: BN020810.D

Acq: 21 Jul 2022 15:05

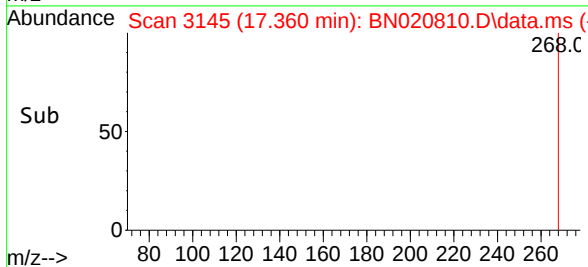
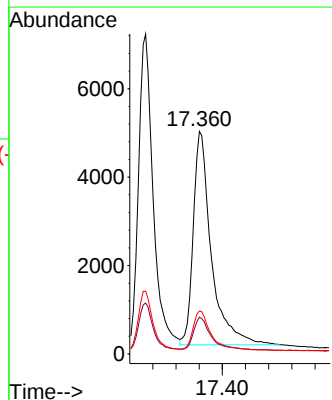
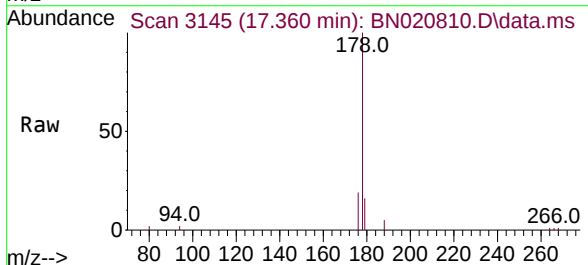
Tgt Ion:178 Resp: 10461

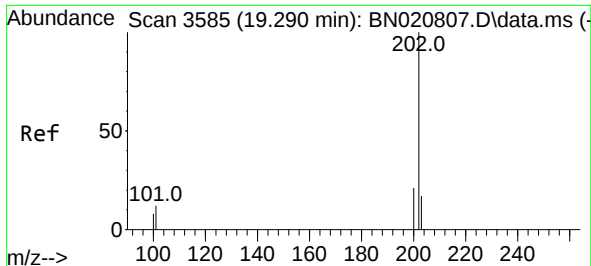
Ion Ratio Lower Upper

178 100

179 16.5 12.8 19.2

176 19.2 15.2 22.8

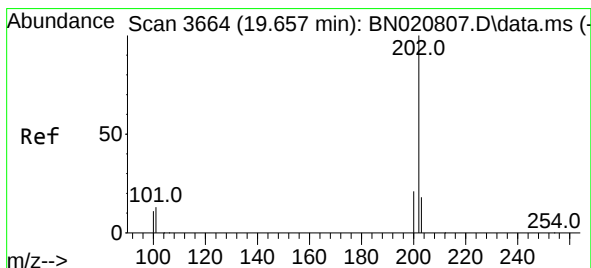
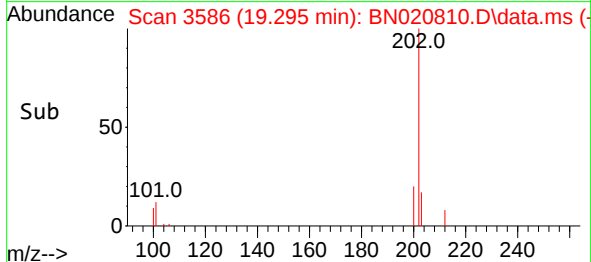
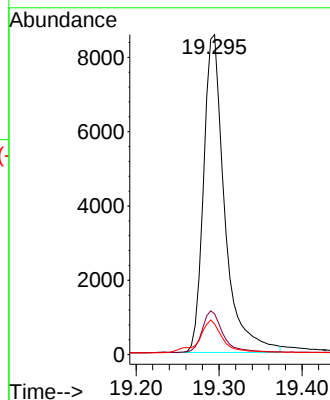
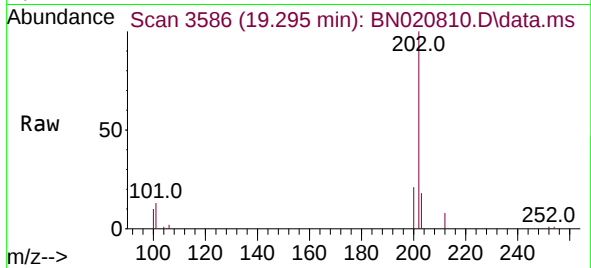




#19
Fluoranthene
Concen: 0.323 ng/ul
RT: 19.295 min Scan# 3586
Delta R.T. 0.004 min
Lab File: BN020810.D
Acq: 21 Jul 2022 15:05

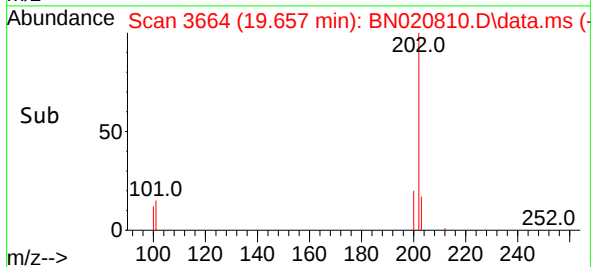
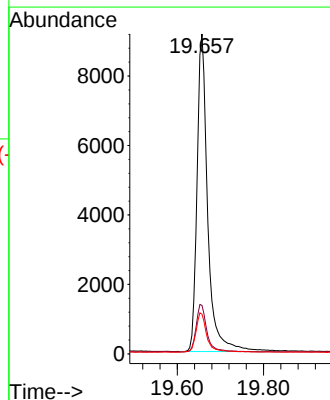
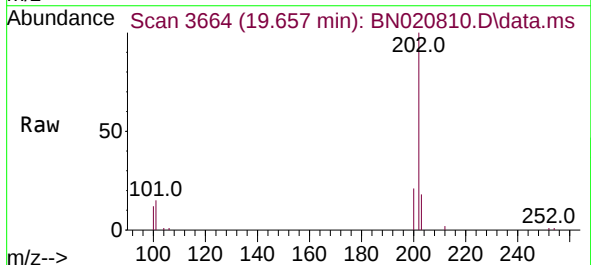
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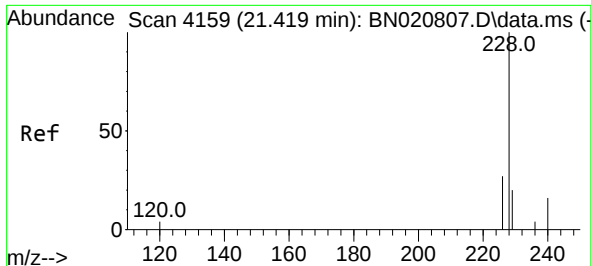
Tgt Ion:	202	Resp:	15116
Ion Ratio	Lower	Upper	
202	100		
101	12.7	10.3	15.5
100	9.6	7.8	11.6



#20
Pyrene
Concen: 0.325 ng/ul
RT: 19.657 min Scan# 3664
Delta R.T. 0.004 min
Lab File: BN020810.D
Acq: 21 Jul 2022 15:05

Tgt Ion:	202	Resp:	15734
Ion Ratio	Lower	Upper	
202	100		
101	15.2	11.6	17.4
100	12.4	9.2	13.8

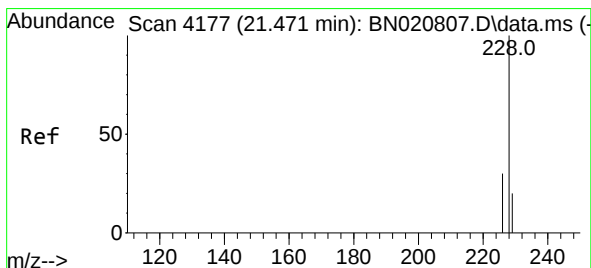
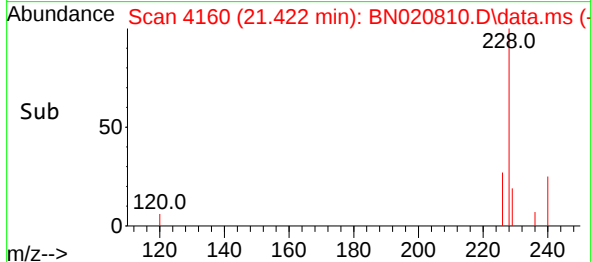
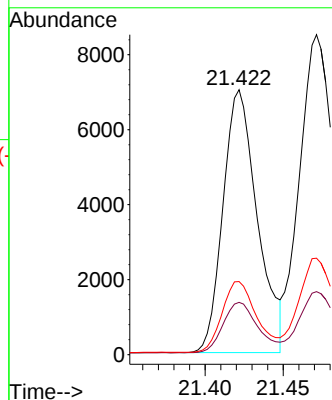
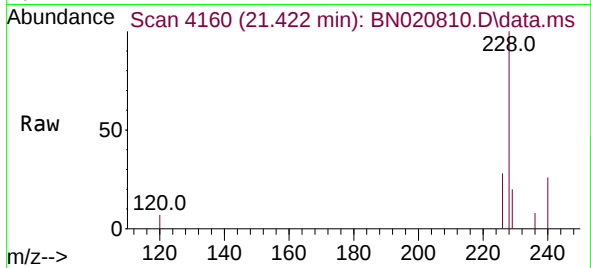




#21
Benzo(a)anthracene
Concen: 0.293 ng/ul
RT: 21.422 min Scan# 4160
Delta R.T. 0.007 min
Lab File: BN020810.D
Acq: 21 Jul 2022 15:05

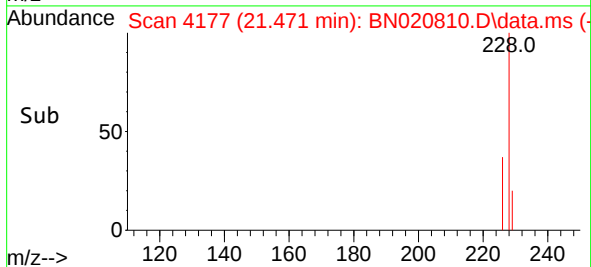
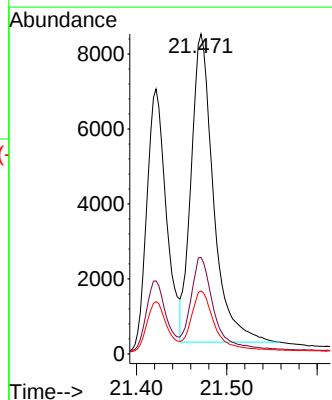
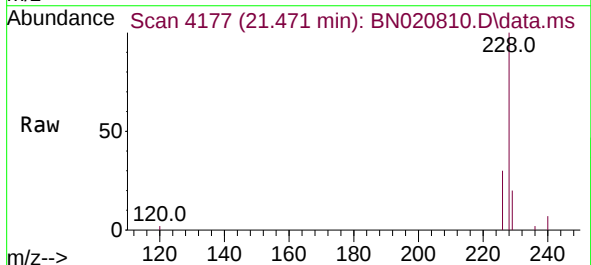
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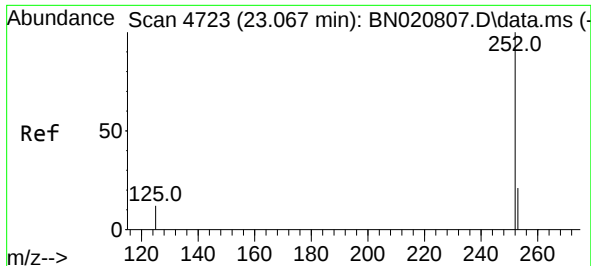
Tgt Ion:228 Resp: 10761
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 27.6 22.2 33.2



#22
Chrysene
Concen: 0.345 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. 0.004 min
Lab File: BN020810.D
Acq: 21 Jul 2022 15:05

Tgt Ion:228 Resp: 14118
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 19.7 15.8 23.8

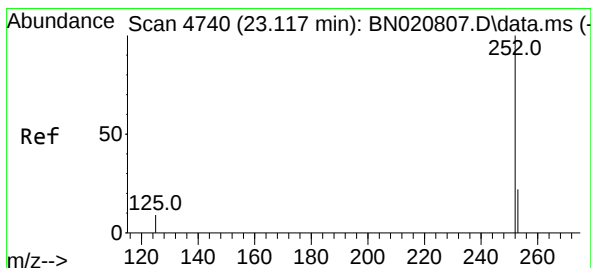
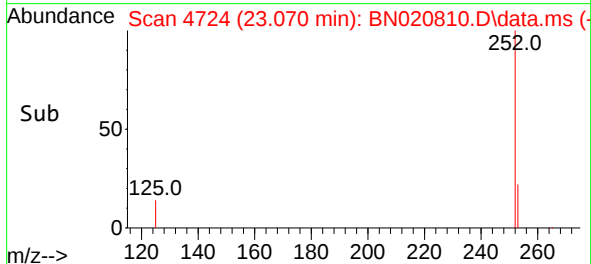
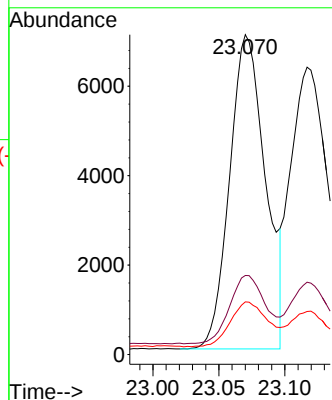
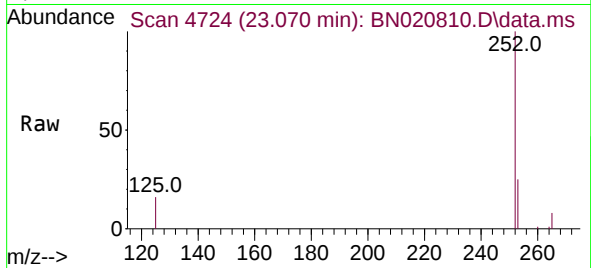




#24
Benzo(b)fluoranthene
Concen: 0.343 ng/ul
RT: 23.070 min Scan# 4724
Delta R.T. 0.007 min
Lab File: BN020810.D
Acq: 21 Jul 2022 15:05

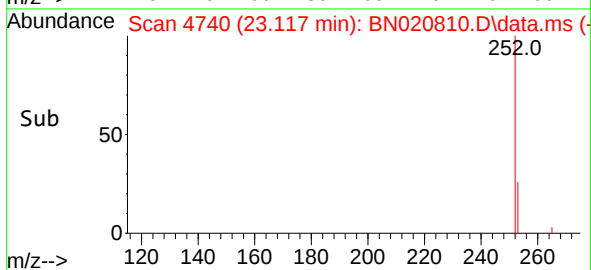
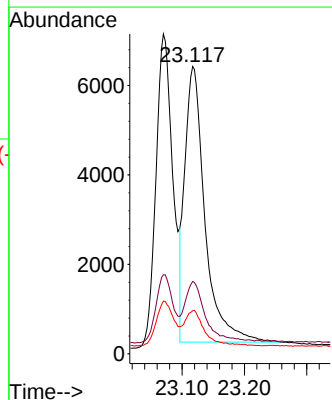
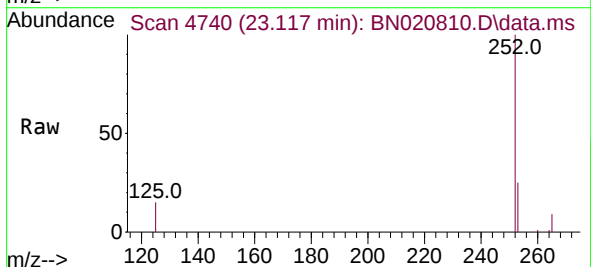
Instrument :
BNA_N
ClientSampleId :
SLCS317

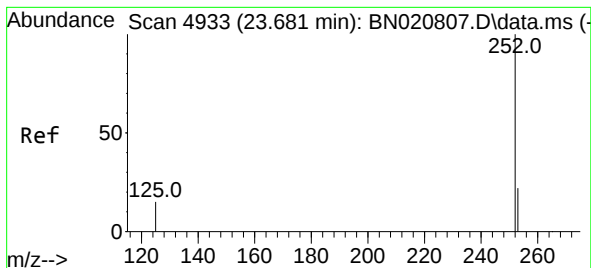
Tgt Ion:252 Resp: 13279
Ion Ratio Lower Upper
252 100
253 24.7 0.0 48.6
125 16.5 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.353 ng/ul
RT: 23.117 min Scan# 4740
Delta R.T. 0.004 min
Lab File: BN020810.D
Acq: 21 Jul 2022 15:05

Tgt Ion:252 Resp: 13817
Ion Ratio Lower Upper
252 100
253 25.2 19.7 29.5
125 15.0 12.0 18.0





#26

Benzo(a)pyrene

Concen: 0.335 ng/ul

RT: 23.684 min Scan# 4933

Delta R.T. 0.010 min

Lab File: BN020810.D

Acq: 21 Jul 2022 15:05

Instrument :

BNA_N

ClientSampleId :

SLCS317

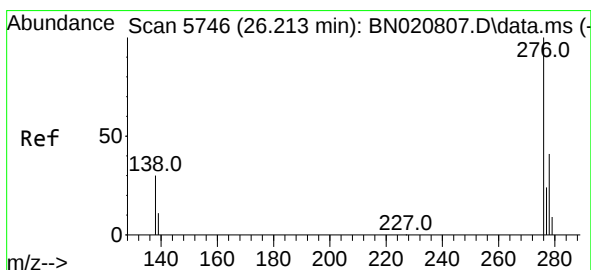
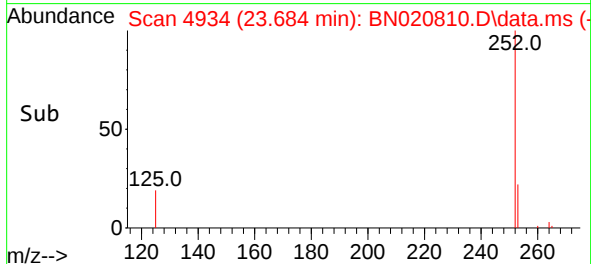
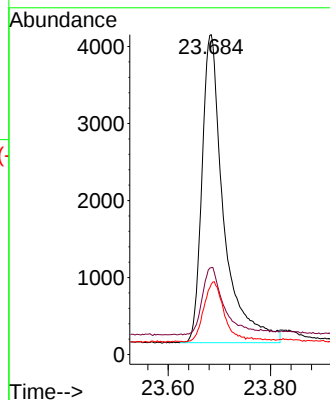
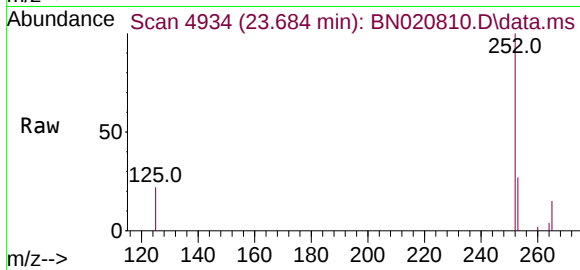
Tgt Ion:252 Resp: 11799

Ion Ratio Lower Upper

252 100

253 27.2 21.0 31.4

125 22.0 18.8 28.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.373 ng/ul

RT: 26.220 min Scan# 5748

Delta R.T. 0.004 min

Lab File: BN020810.D

Acq: 21 Jul 2022 15:05

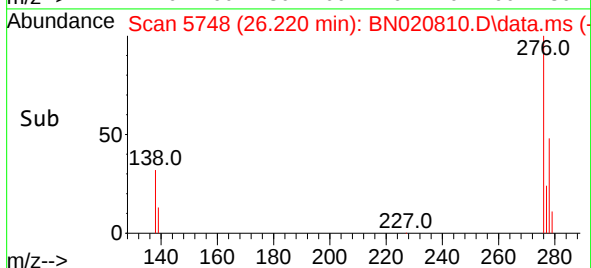
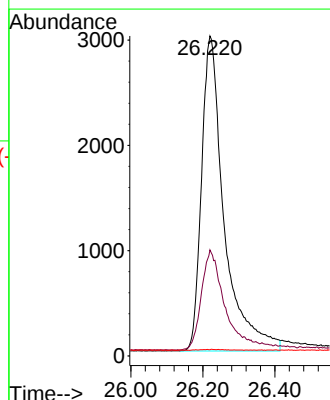
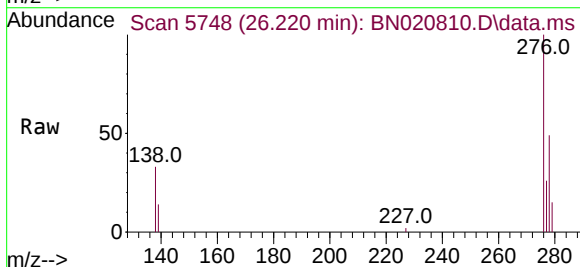
Tgt Ion:276 Resp: 13058

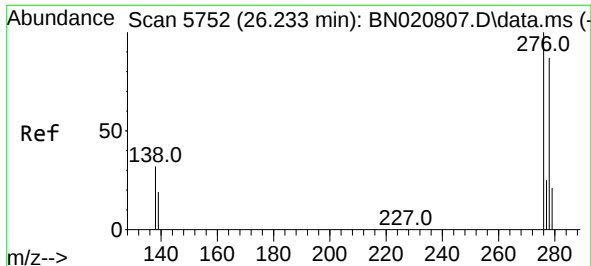
Ion Ratio Lower Upper

276 100

138 33.9 27.4 41.2

227 0.0 0.2 0.2

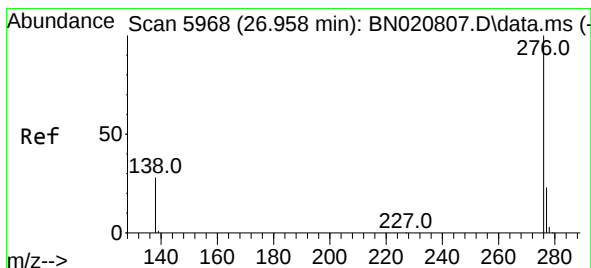
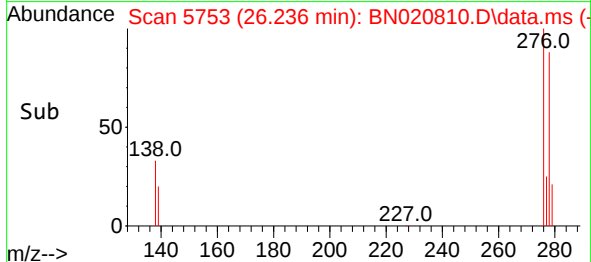
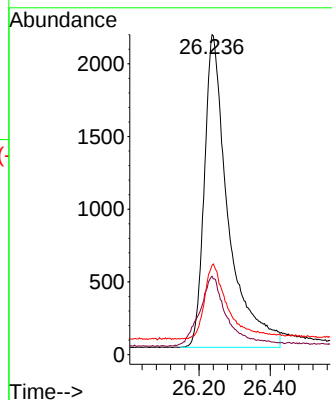
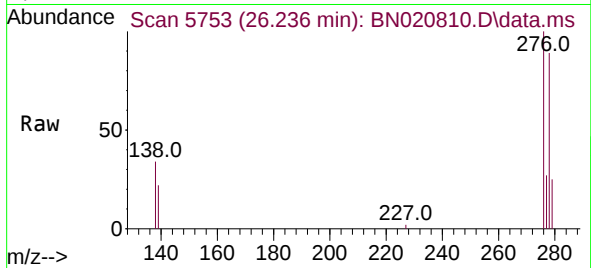




#28
Dibenzo(a,h)anthracene
Concen: 0.353 ng/ul
RT: 26.236 min Scan# 51
Delta R.T. 0.004 min
Lab File: BN020810.D
Acq: 21 Jul 2022 15:05

Instrument :
BNA_N
ClientSampleId :
SLCS317

Tgt Ion:278 Resp: 9992
Ion Ratio Lower Upper
278 100
139 24.5 18.8 28.2
279 27.9 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.390 ng/ul
RT: 26.957 min Scan# 5968
Delta R.T. 0.007 min
Lab File: BN020810.D
Acq: 21 Jul 2022 15:05

Tgt Ion:276 Resp: 11739
Ion Ratio Lower Upper
276 100
138 29.9 23.5 35.3
277 25.5 20.1 30.1

