

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092722\
 Data File : BN021924.D
 Acq On : 26 Sep 2022 18:57
 Operator : CG/JU
 Sample : PB147751BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS751

Quant Time: Sep 27 00:25:51 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 00:20:21 2022
 Response via : Initial Calibration

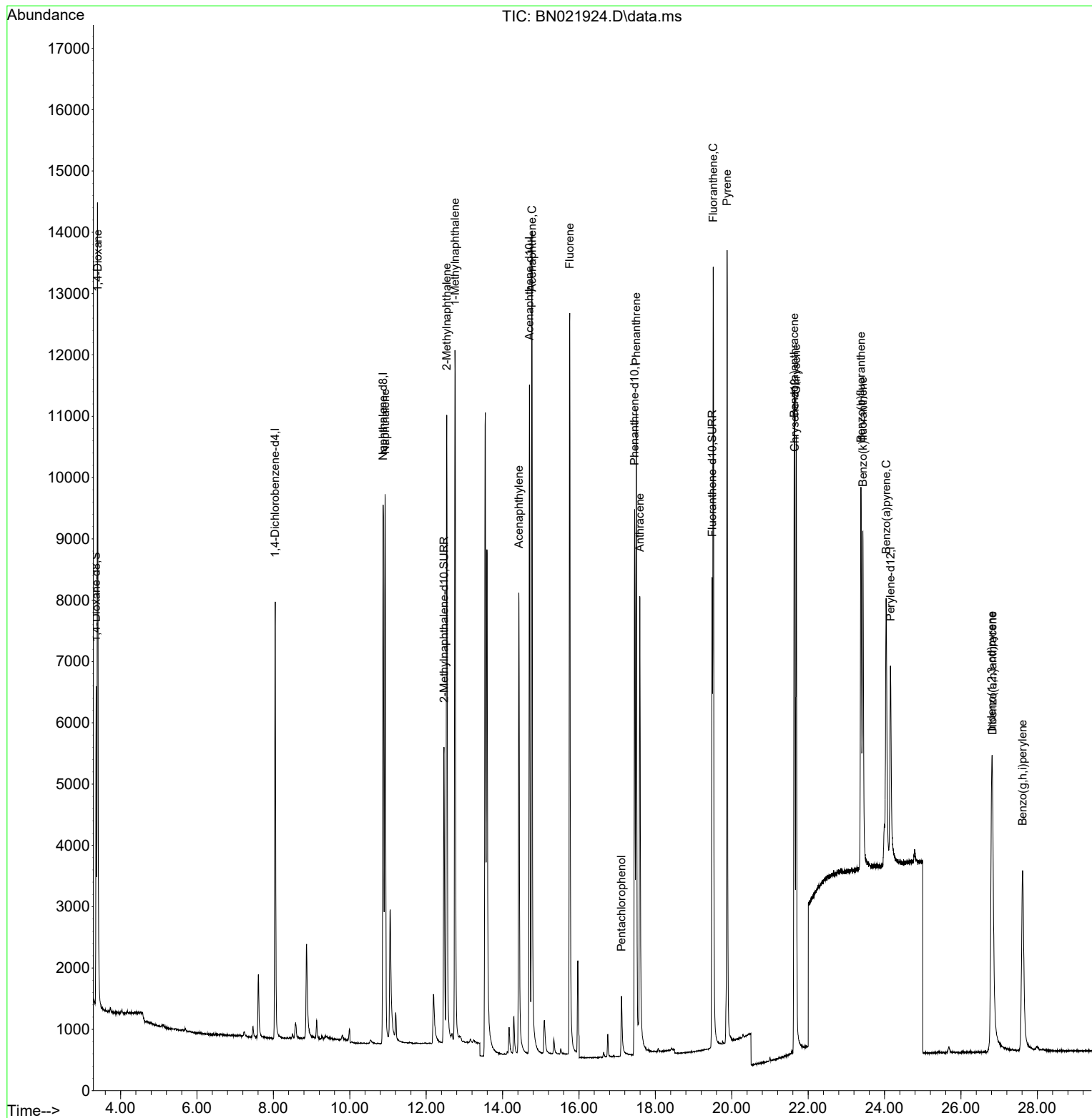
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	4013	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	13238	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.703	164	6789	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.455	188	11522	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.650	240	6764	0.400	ng/ul	# 0.00
23) Perylene-d12	24.155	264	5158	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.359	96	3438	0.696	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	7264	0.347	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	9579	0.381	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.397	88	9475	1.871	ng/ul#	87
5) Naphthalene	10.927	128	13535	0.363	ng/ul	98
7) 2-Methylnaphthalene	12.538	142	8489	0.350	ng/ul	98
8) 1-Methylnaphthalene	12.753	142	8817	0.354	ng/ul	99
10) Acenaphthylene	14.425	152	10620	0.372	ng/ul	99
11) Acenaphthene	14.768	153	8789	0.364	ng/ul	99
12) Fluorene	15.758	166	9350	0.345	ng/ul	100
14) Pentachlorophenol	17.113	266	976	0.437	ng/ul	99
15) Phenanthrene	17.498	178	13079	0.360	ng/ul	99
16) Anthracene	17.591	178	10378	0.344	ng/ul	99
19) Fluoranthene	19.515	202	12168	0.385	ng/ul	96
20) Pyrene	19.878	202	12165	0.391	ng/ul#	93
21) Benzo(a)anthracene	21.632	228	8634	0.381	ng/ul	99
22) Chrysene	21.688	228	9816	0.397	ng/ul	99
24) Benzo(b)fluoranthene	23.380	252	9268	0.370	ng/ul	86
25) Benzo(k)fluoranthene	23.433	252	8495	0.350	ng/ul#	84
26) Benzo(a)pyrene	24.041	252	8010	0.423	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.801	276	8742	0.410	ng/ul	97
28) Dibenzo(a,h)anthracene	26.828	278	6815	0.377	ng/ul	93
29) Benzo(g,h,i)perylene	27.612	276	8259	0.420	ng/ul	93

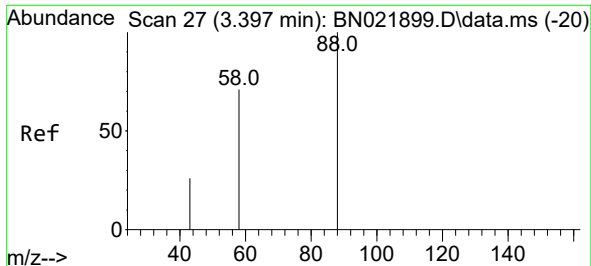
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 27 00:25:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration

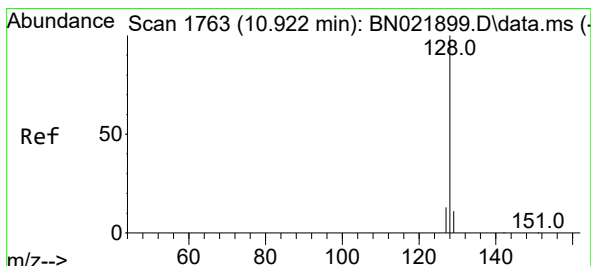
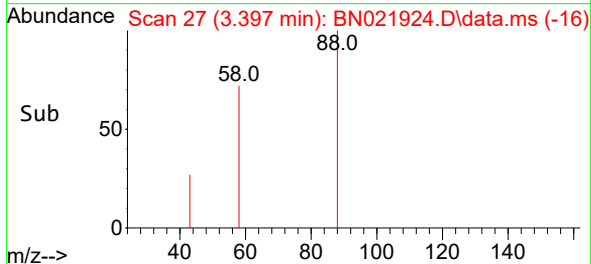
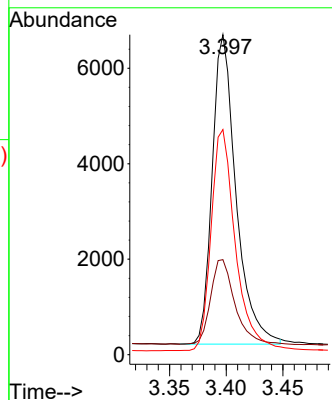
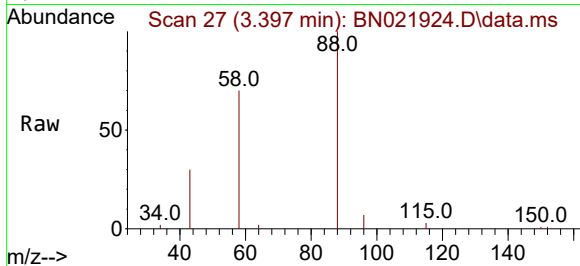




#2
 1,4-Dioxane
 Concen: 1.871 ng/ul
 RT: 3.397 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57

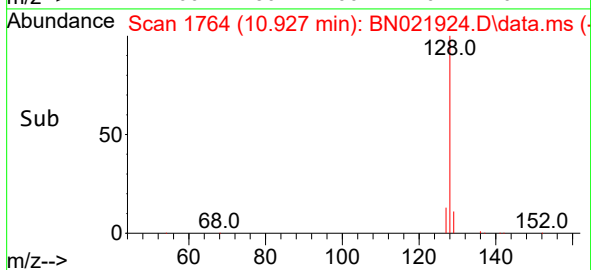
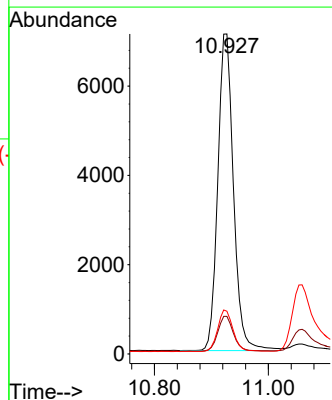
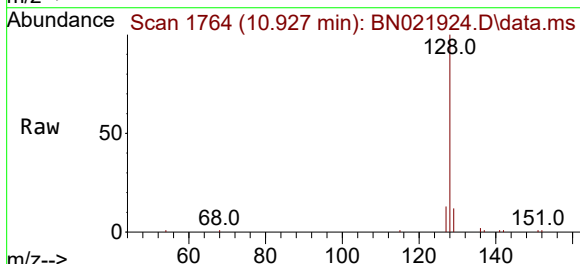
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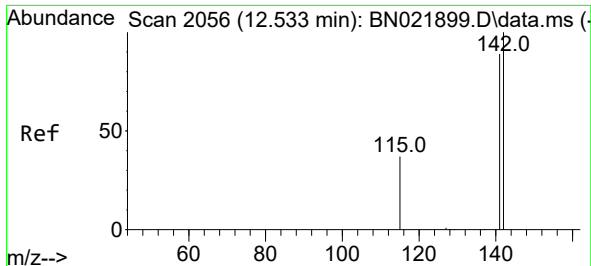
Tgt Ion: 88 Resp: 9475
 Ion Ratio Lower Upper
 88 100
 43 29.7 31.4 47.0#
 58 70.4 49.0 73.6



#5
 Naphthalene
 Concen: 0.363 ng/ul
 RT: 10.927 min Scan# 1764
 Delta R.T. -0.006 min
 Lab File: BN021924.D
 Acq: 26 Sep 2022 18:57

Tgt Ion:128 Resp: 13535
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.8 14.6
 127 13.3 11.6 17.4

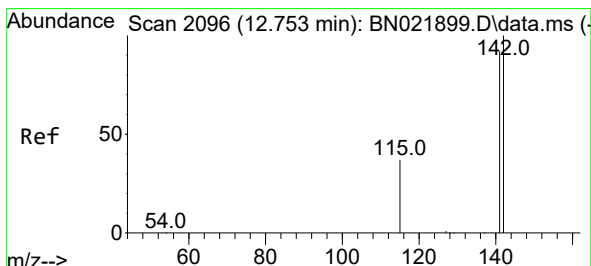
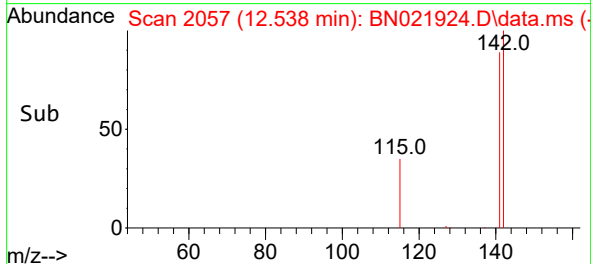
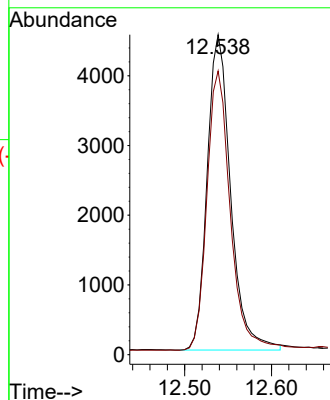
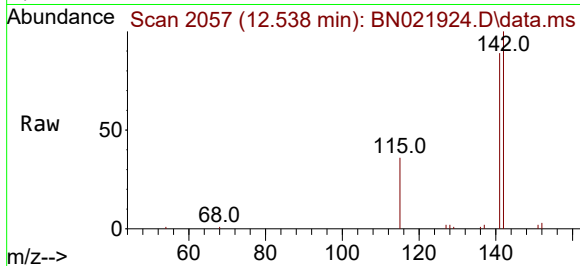




#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.538 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BN021924.D
Acq: 26 Sep 2022 18:57

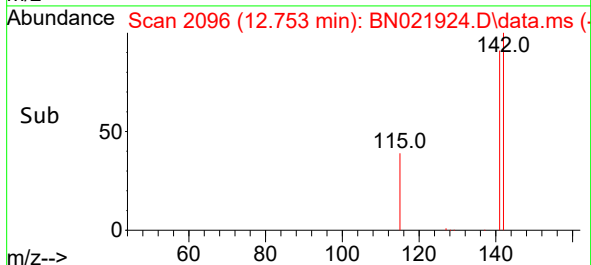
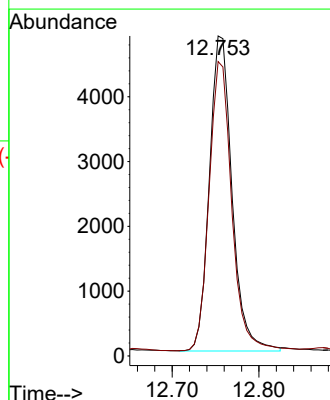
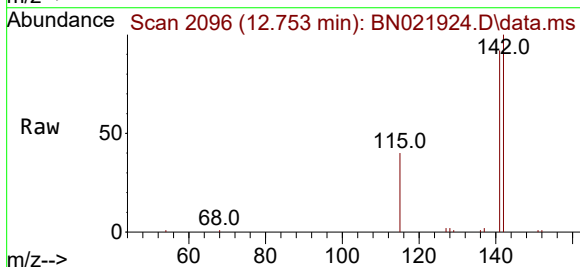
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BNA_N
ClientSampleId :
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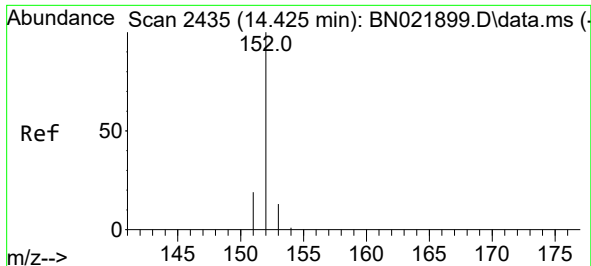
Tgt Ion:142 Resp: 8489
Ion Ratio Lower Upper
142 100
141 88.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.753 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BN021924.D
Acq: 26 Sep 2022 18:57

Tgt Ion:142 Resp: 8817
Ion Ratio Lower Upper
142 100
141 91.6 73.9 110.9

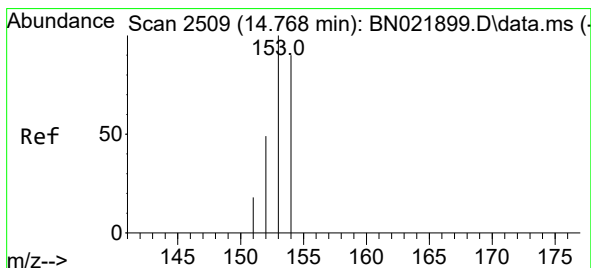
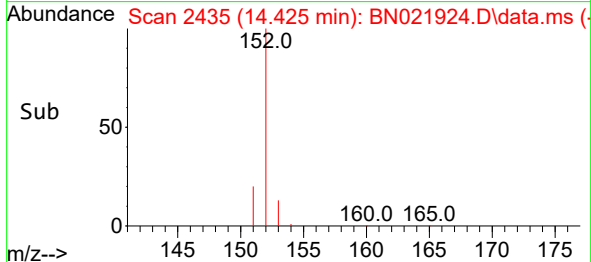
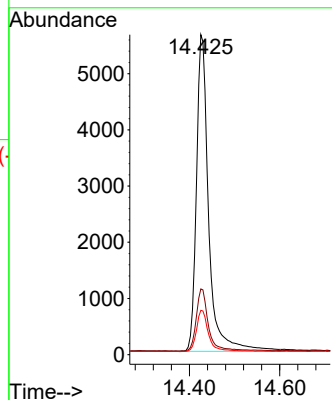
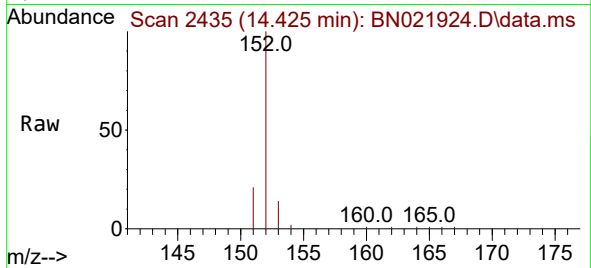




#10
Acenaphthylene
Concen: 0.372 ng/ul
RT: 14.425 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BN021924.D
Acq: 26 Sep 2022 18:57

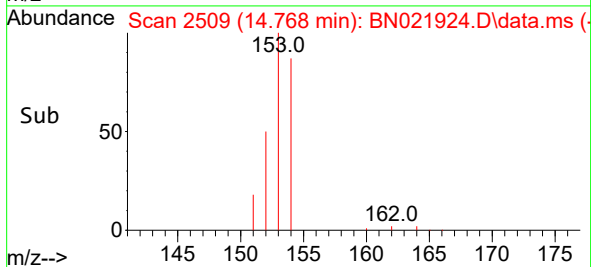
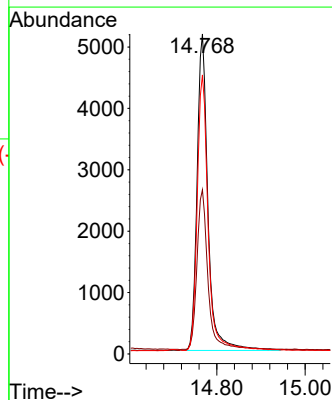
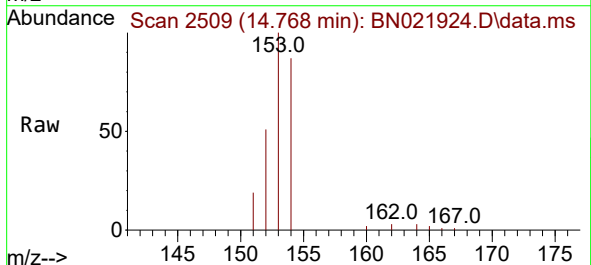
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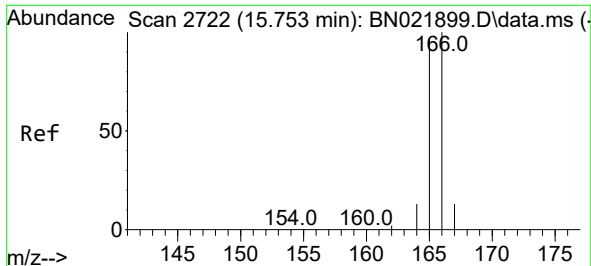
Tgt Ion:152 Resp: 10620
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 13.9 11.2 16.8



#11
Acenaphthene
Concen: 0.364 ng/ul
RT: 14.768 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN021924.D
Acq: 26 Sep 2022 18:57

Tgt Ion:153 Resp: 8789
Ion Ratio Lower Upper
153 100
152 51.3 40.2 60.4
154 87.2 70.7 106.1

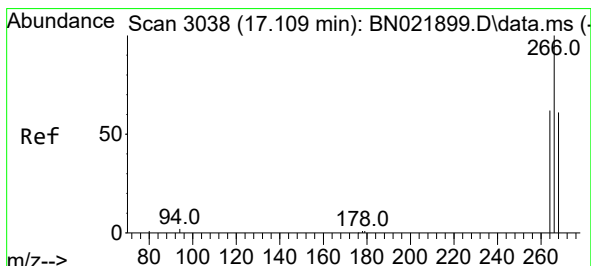
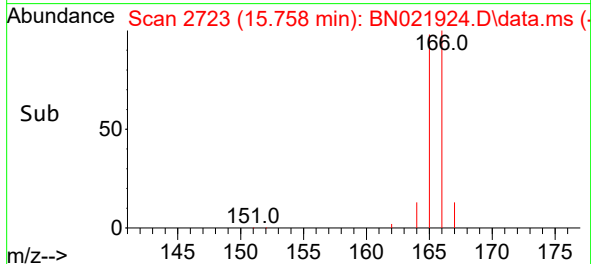
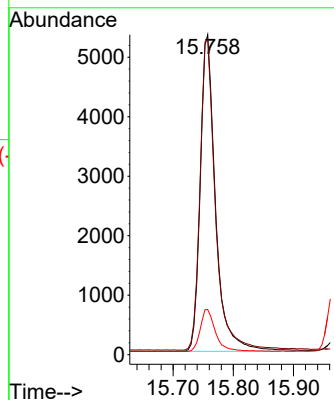
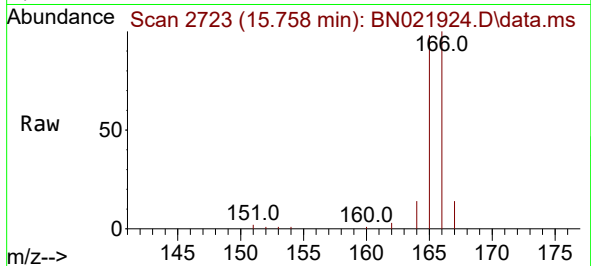




#12
Fluorene
Concen: 0.345 ng/ul
RT: 15.758 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN021924.D
Acq: 26 Sep 2022 18:57

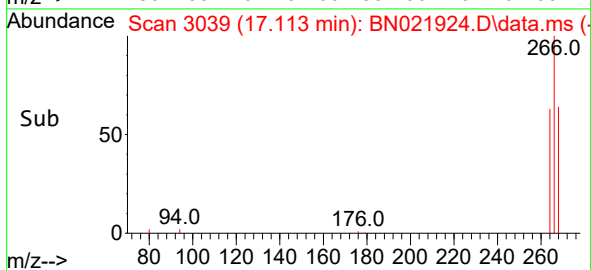
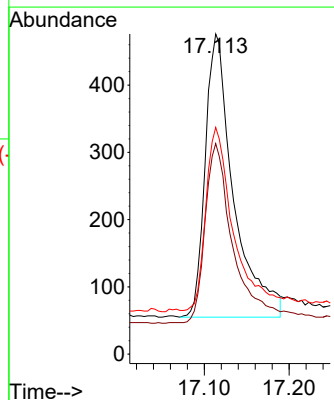
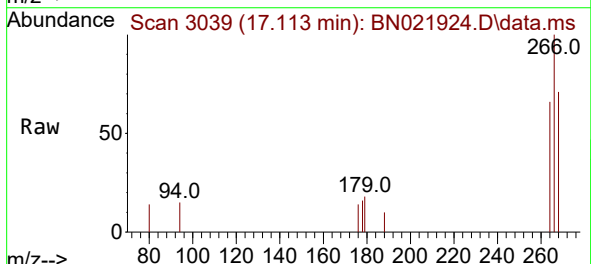
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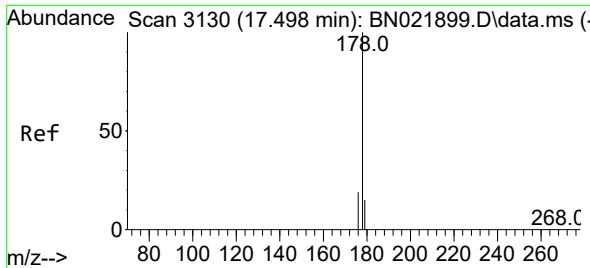
Tgt Ion:166 Resp: 9350
Ion Ratio Lower Upper
166 100
165 98.4 78.6 117.8
167 14.1 11.8 17.6



#14
Pentachlorophenol
Concen: 0.437 ng/ul
RT: 17.113 min Scan# 3039
Delta R.T. 0.004 min
Lab File: BN021924.D
Acq: 26 Sep 2022 18:57

Tgt Ion:266 Resp: 976
Ion Ratio Lower Upper
266 100
264 63.0 49.8 74.8
268 63.4 50.6 75.8

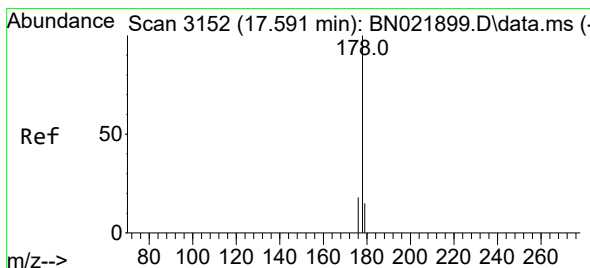
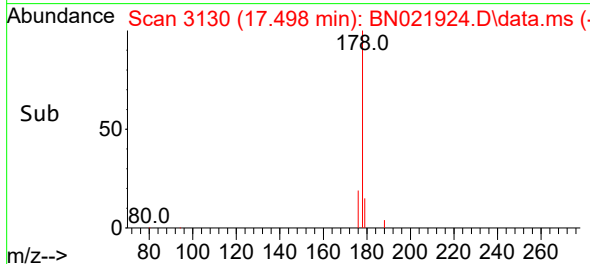
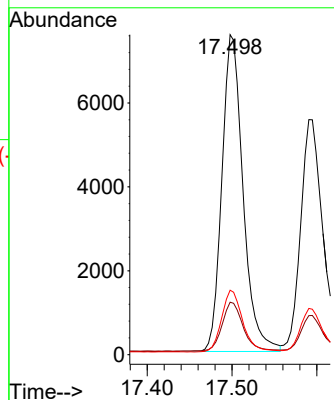
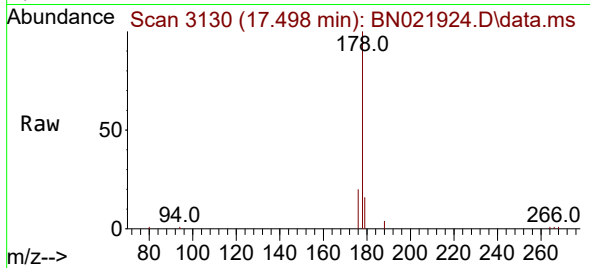




#15
Phenanthrene
Concen: 0.360 ng/ul
RT: 17.498 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BN021924.D
Acq: 26 Sep 2022 18:57

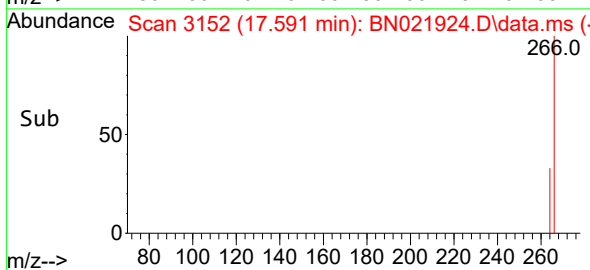
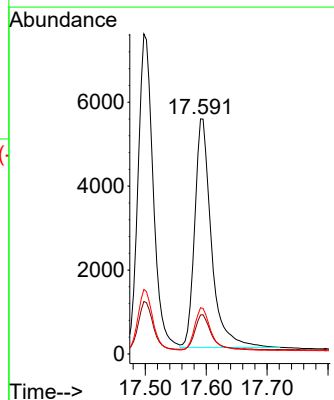
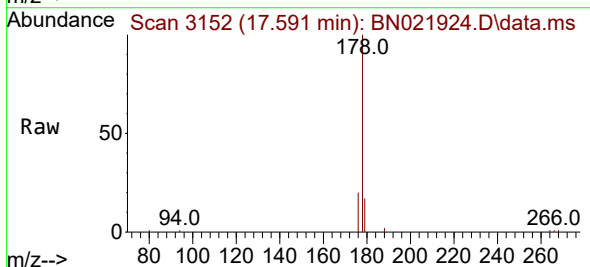
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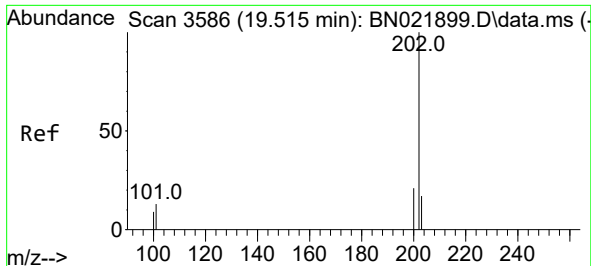
Tgt Ion:	178	Resp:	13079
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.8	19.2
176	20.2	15.9	23.9



#16
Anthracene
Concen: 0.344 ng/ul
RT: 17.591 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BN021924.D
Acq: 26 Sep 2022 18:57

Tgt Ion:	178	Resp:	10378
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.9	19.3
176	19.7	15.9	23.9

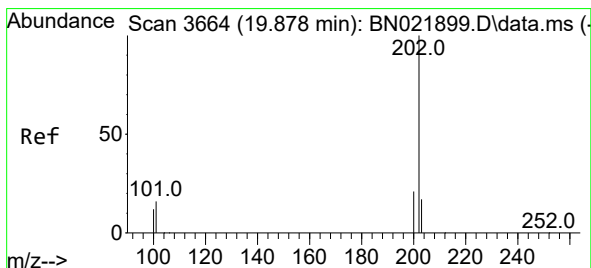
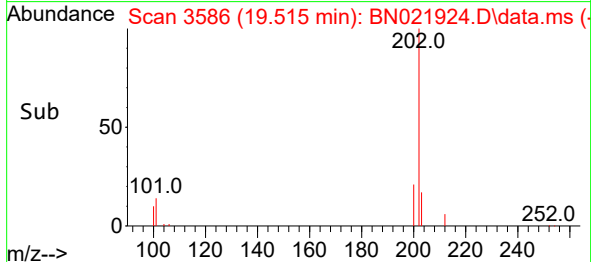
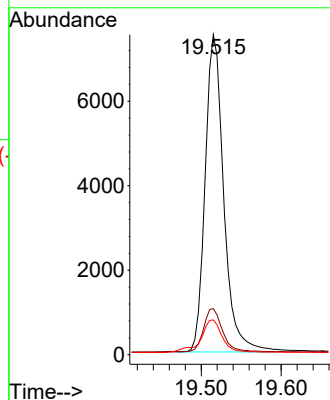
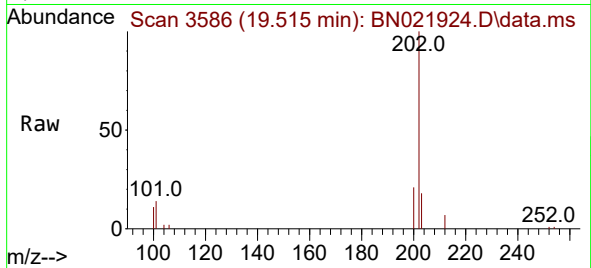




#19
Fluoranthene
Concen: 0.385 ng/ul
RT: 19.515 min Scan# 3586
Delta R.T. -0.000 min
Lab File: BN021924.D
Acq: 26 Sep 2022 18:57

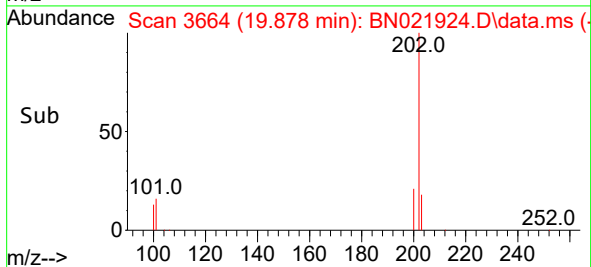
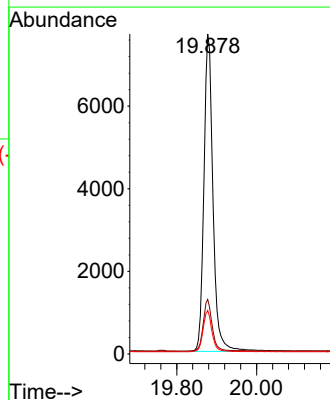
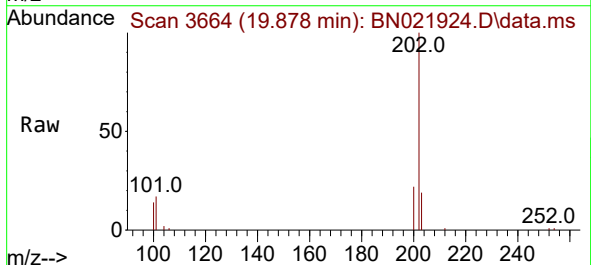
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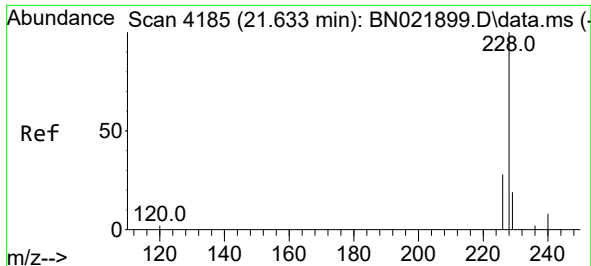
Tgt Ion:202 Resp: 12168
Ion Ratio Lower Upper
202 100
101 14.4 10.0 15.0
100 10.9 8.0 12.0



#20
Pyrene
Concen: 0.391 ng/ul
RT: 19.878 min Scan# 3664
Delta R.T. -0.000 min
Lab File: BN021924.D
Acq: 26 Sep 2022 18:57

Tgt Ion:202 Resp: 12165
Ion Ratio Lower Upper
202 100
101 17.0 11.3 16.9#
100 13.6 9.0 13.4#

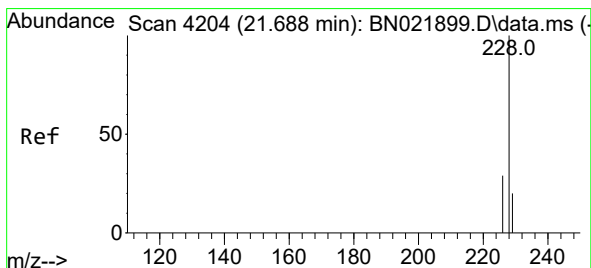
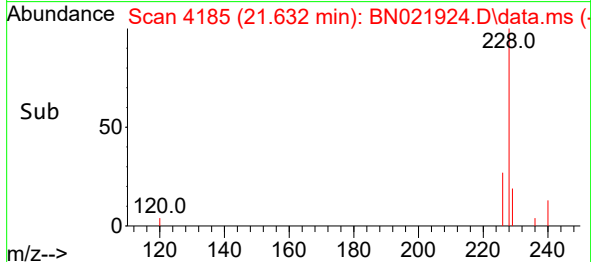
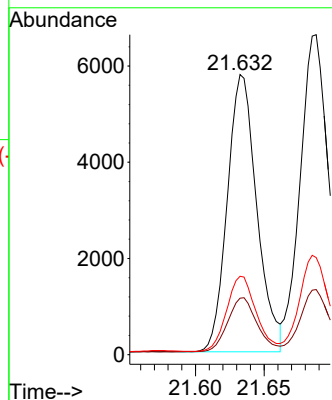
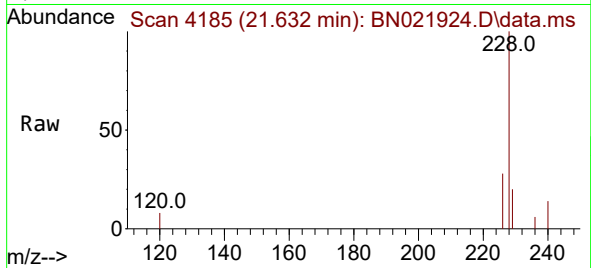




#21
Benzo(a)anthracene
Concen: 0.381 ng/ul
RT: 21.632 min Scan# 4185
Delta R.T. 0.003 min
Lab File: BN021924.D
Acq: 26 Sep 2022 18:57

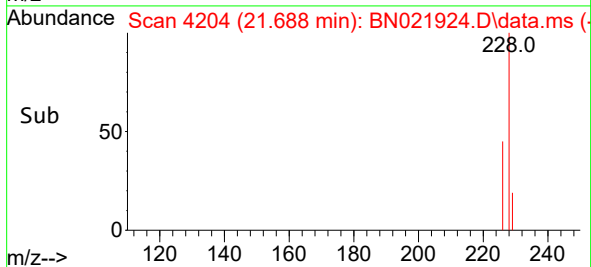
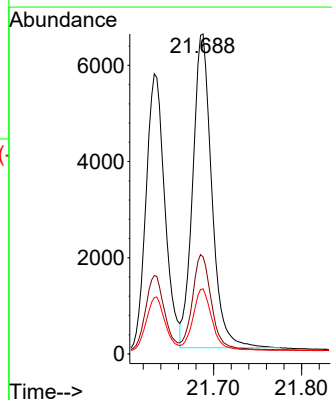
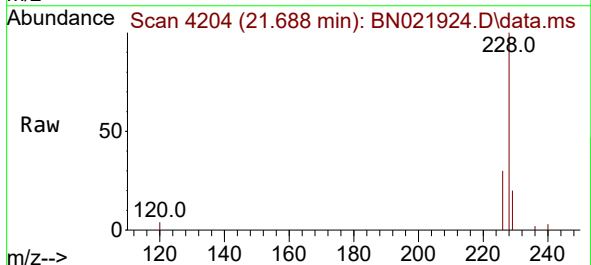
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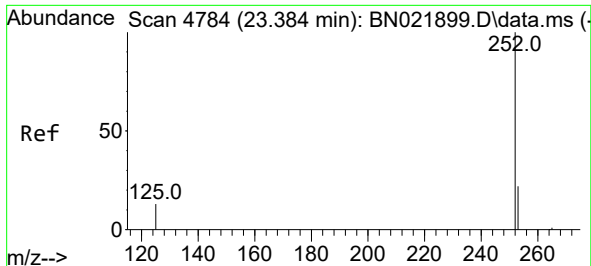
Tgt Ion:228 Resp: 8634
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 28.0 21.9 32.9



#22
Chrysene
Concen: 0.397 ng/ul
RT: 21.688 min Scan# 4204
Delta R.T. 0.003 min
Lab File: BN021924.D
Acq: 26 Sep 2022 18:57

Tgt Ion:228 Resp: 9816
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 20.3 15.8 23.8

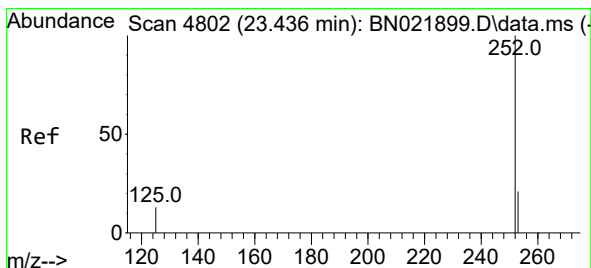
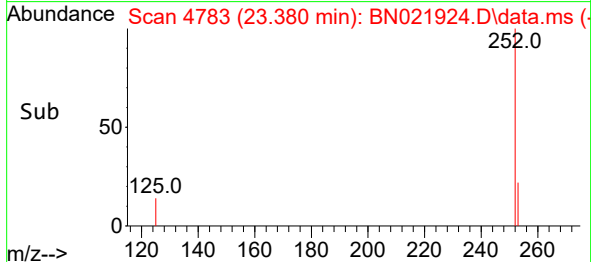
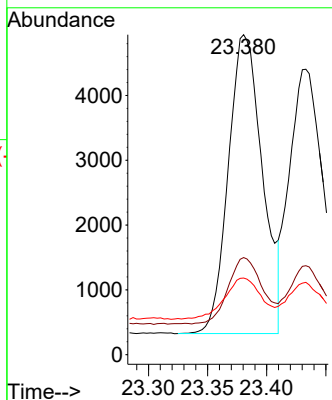
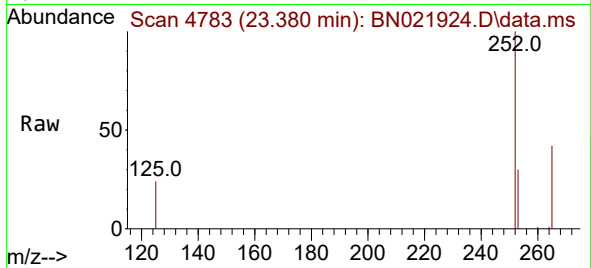




#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul
RT: 23.380 min Scan# 4784
Delta R.T. -0.000 min
Lab File: BN021924.D
Acq: 26 Sep 2022 18:57

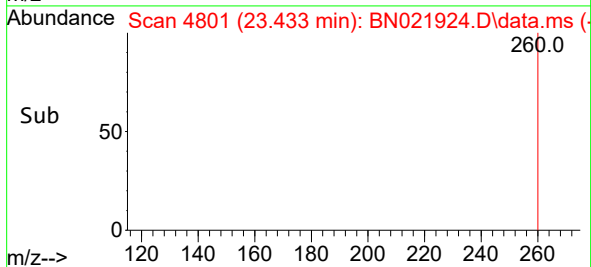
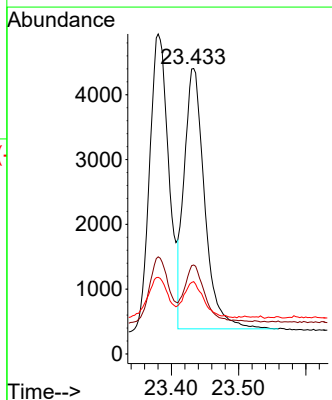
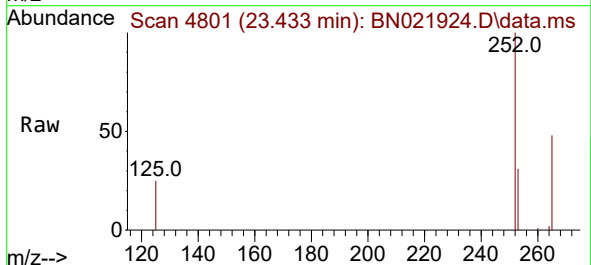
Instrument :
BNA_N
ClientSampleId :
SLCS751

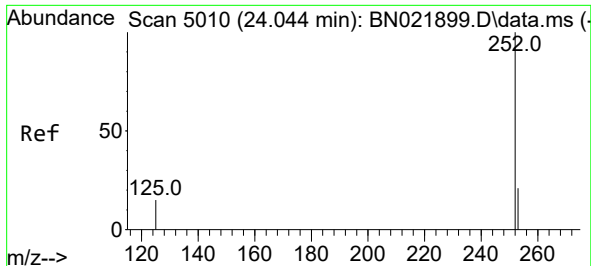
Tgt Ion:252 Resp: 9268
Ion Ratio Lower Upper
252 100
253 30.3 0.0 50.8
125 24.0 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.350 ng/ul
RT: 23.433 min Scan# 4801
Delta R.T. 0.003 min
Lab File: BN021924.D
Acq: 26 Sep 2022 18:57

Tgt Ion:252 Resp: 8495
Ion Ratio Lower Upper
252 100
253 31.2 20.6 31.0#
125 25.3 11.8 17.6#

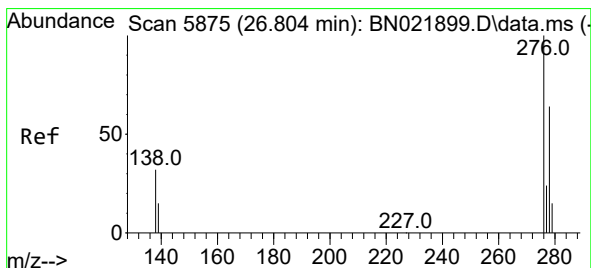
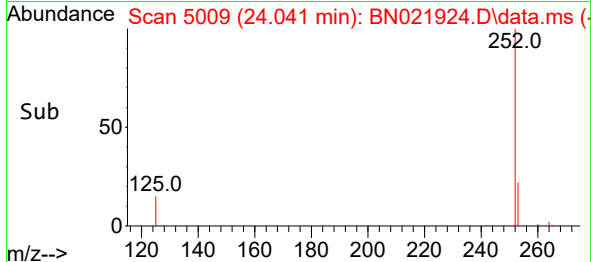
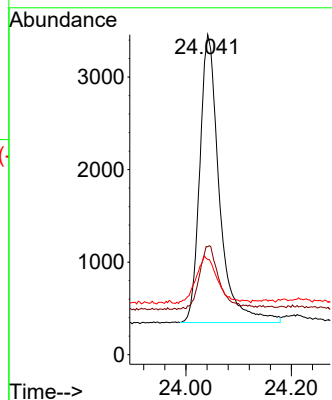
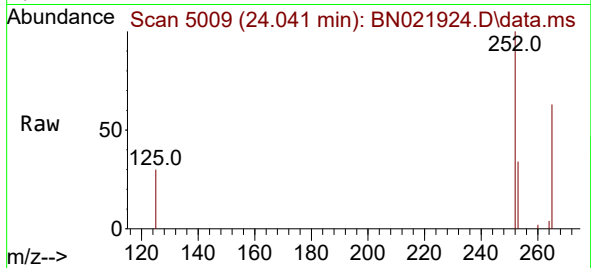




#26
Benzo(a)pyrene
Concen: 0.423 ng/ul
RT: 24.041 min Scan# 5010
Delta R.T. -0.000 min
Lab File: BN021924.D
Acq: 26 Sep 2022 18:57

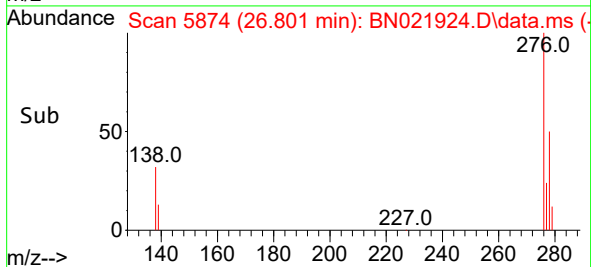
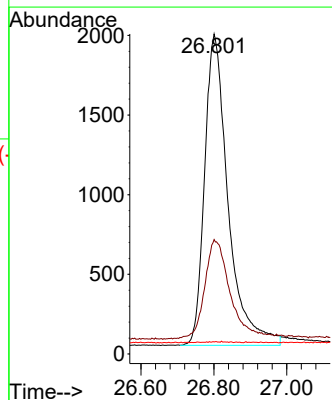
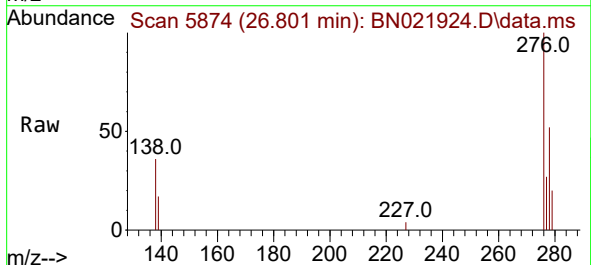
Instrument :
BNA_N
ClientSampleId :
SLCS751

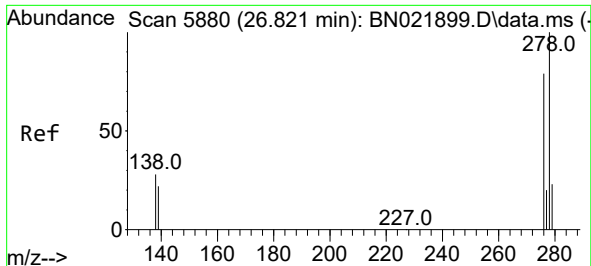
Tgt Ion:252 Resp: 8010
Ion Ratio Lower Upper
252 100
253 33.7 22.1 33.1#
125 29.8 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng/ul
RT: 26.801 min Scan# 5874
Delta R.T. 0.010 min
Lab File: BN021924.D
Acq: 26 Sep 2022 18:57

Tgt Ion:276 Resp: 8742
Ion Ratio Lower Upper
276 100
138 34.2 26.1 39.1
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.377 ng/ul

RT: 26.828 min Scan# 5880

Delta R.T. 0.010 min

Lab File: BN021924.D

Acq: 26 Sep 2022 18:57

Instrument :

BNA_N

ClientSampleId :

SLCS751

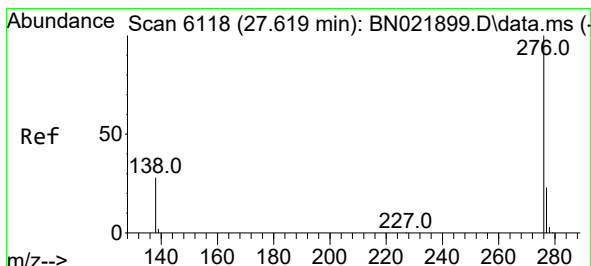
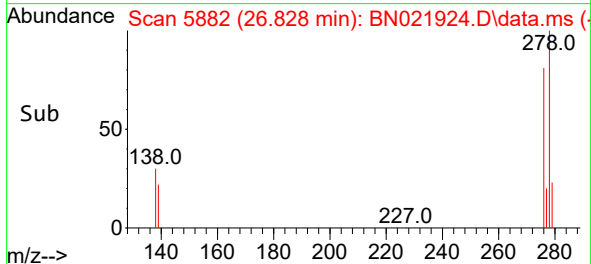
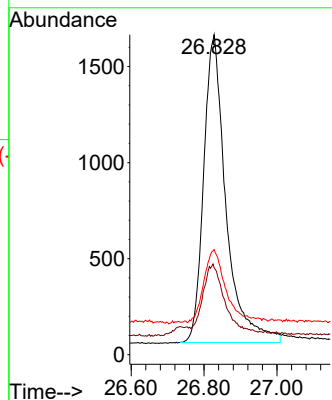
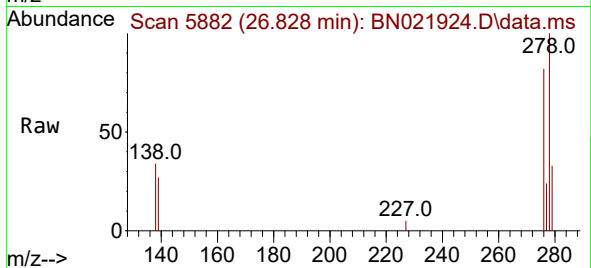
Tgt Ion:278 Resp: 6815

Ion Ratio Lower Upper

278 100

139 27.2 18.3 27.5

279 32.8 23.9 35.9



#29

Benzo(g,h,i)perylene

Concen: 0.420 ng/ul

RT: 27.612 min Scan# 6116

Delta R.T. 0.003 min

Lab File: BN021924.D

Acq: 26 Sep 2022 18:57

Tgt Ion:276 Resp: 8259

Ion Ratio Lower Upper

276 100

138 33.7 22.6 34.0

277 26.8 20.2 30.2

