

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021723\
 Data File : BN024059.D
 Acq On : 17 Feb 2023 10:19
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4381

Quant Time: Feb 17 21:35:08 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 14:45:13 2023
 Response via : Initial Calibration

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

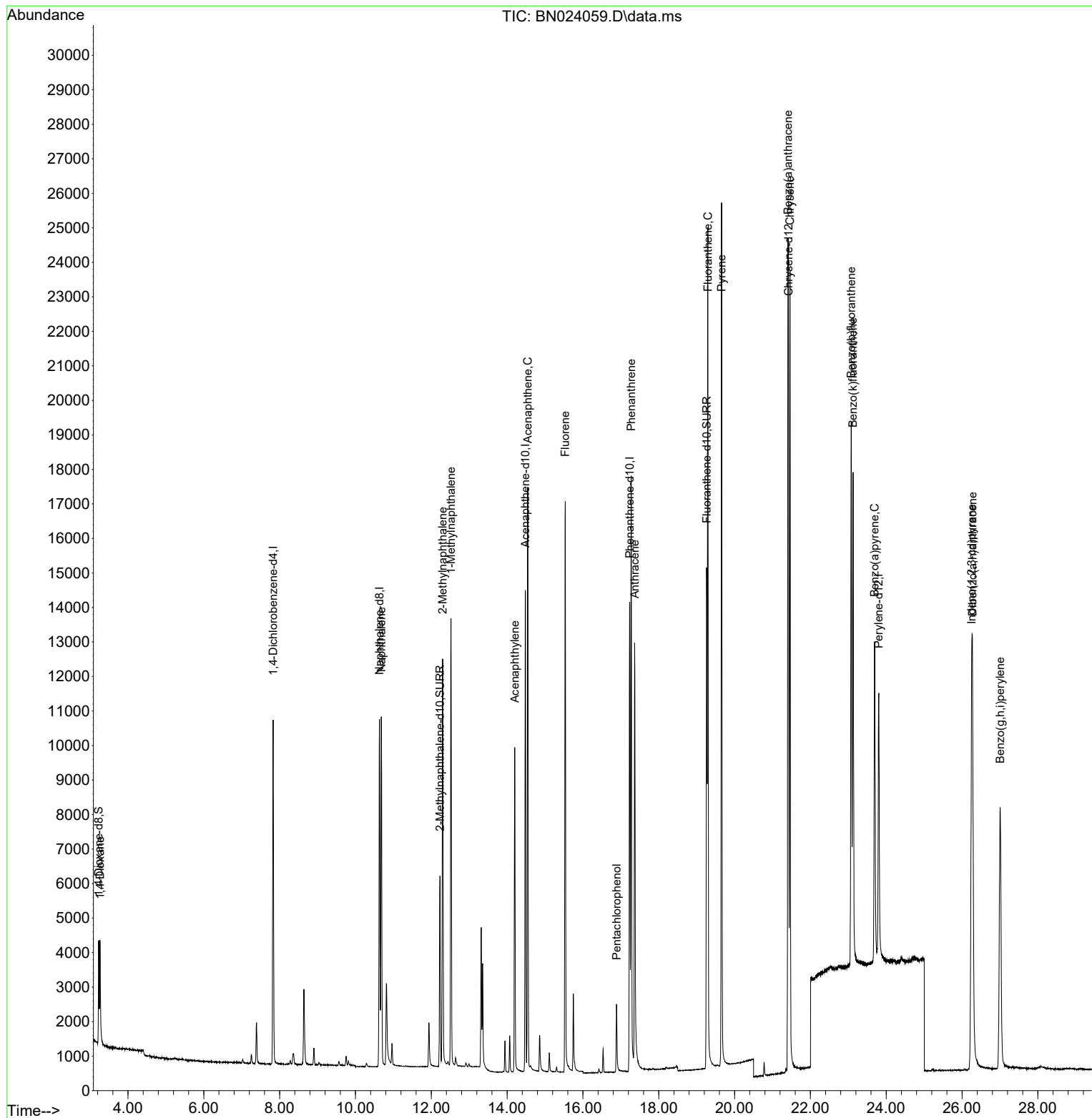
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	5091	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	13369	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.483	164	7521	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	16538	0.400	ng/ul	0.00
17) Chrysene-d12	21.423	240	14912	0.400	ng/ul	# 0.00
23) Perylene-d12	23.802	264	11296	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.227	96	2106	0.386	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	6917	0.331	ng/ul	0.00
18) Fluoranthene-d10	19.262	212	16444	0.410	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.265	88	2132	0.369	ng/ul#	88
5) Naphthalene	10.683	128	13434	0.367	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	8284	0.348	ng/ul	100
8) 1-Methylnaphthalene	12.520	142	8548	0.351	ng/ul	100
10) Acenaphthylene	14.201	152	10616	0.369	ng/ul	99
11) Acenaphthene	14.544	153	9423	0.372	ng/ul	98
12) Fluorene	15.534	166	10757	0.351	ng/ul	97
14) Pentachlorophenol	16.888	266	1457	0.267	ng/ul	98
15) Phenanthrene	17.272	178	18111	0.367	ng/ul	100
16) Anthracene	17.365	178	14908	0.361	ng/ul	99
19) Fluoranthene	19.295	202	21495	0.433	ng/ul	96
20) Pyrene	19.657	202	21629	0.421	ng/ul#	95
21) Benzo(a)anthracene	21.409	228	18082	0.357	ng/ul	100
22) Chrysene	21.461	228	20362	0.382	ng/ul	99
24) Benzo(b)fluoranthene	23.077	252	19818	0.397	ng/ul	98
25) Benzo(k)fluoranthene	23.124	252	19332	0.396	ng/ul	98
26) Benzo(a)pyrene	23.694	252	15166	0.365	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.252	276	19533	0.335	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.275	278	15323	0.328	ng/ul	98
29) Benzo(g,h,i)perylene	27.006	276	17271	0.360	ng/ul	96

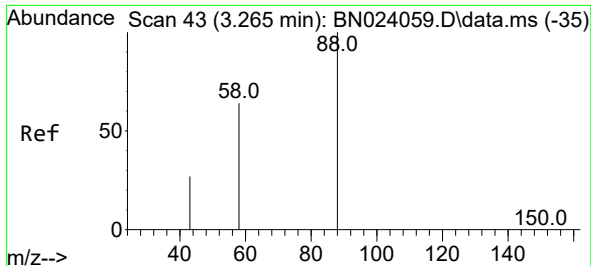
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN024059.D
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Sample : SSTDC00.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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SSTD0.4381

Quant Time: Feb 17 21:35:08 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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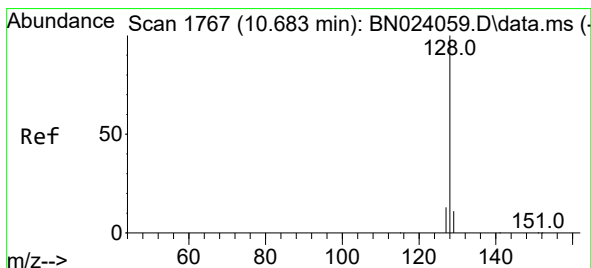
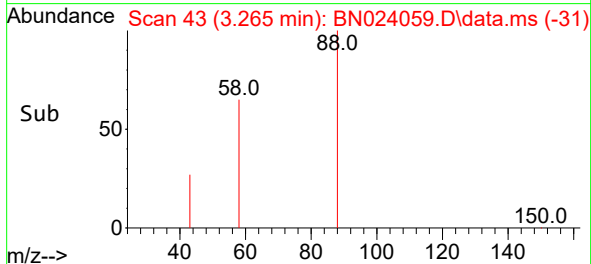
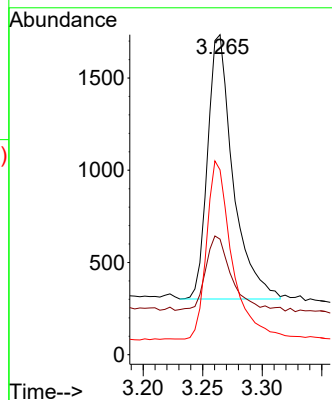
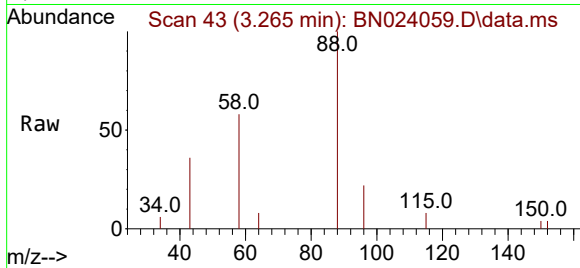




#2
1,4-Dioxane
Concen: 0.369 ng/ul
RT: 3.265 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN024059.D
Acq: 17 Feb 2023 10:19

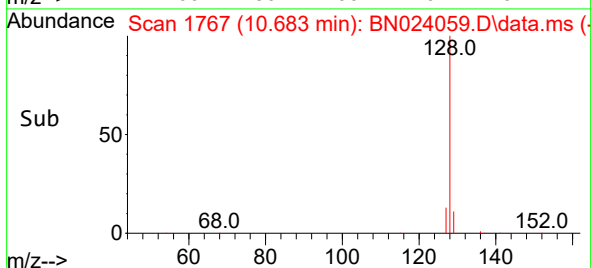
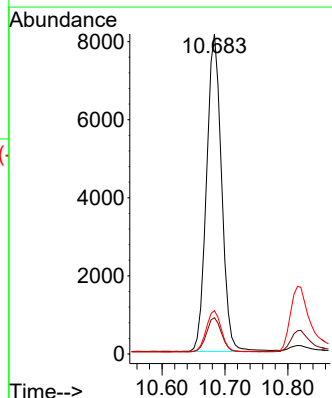
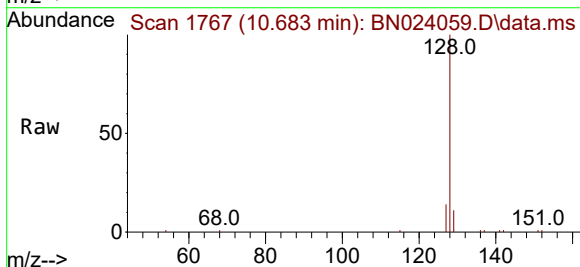
Instrument :
BNA_N
ClientSampleId :
SSTD0.4381

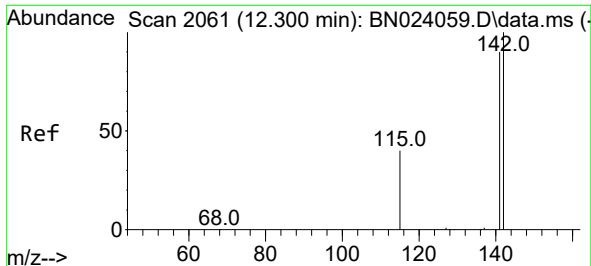
Tgt Ion: 88 Resp: 2132
Ion Ratio Lower Upper
88 100
43 36.1 41.9 62.9#
58 57.8 45.6 68.4



#5
Naphthalene
Concen: 0.367 ng/ul
RT: 10.683 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BN024059.D
Acq: 17 Feb 2023 10:19

Tgt Ion: 128 Resp: 13434
Ion Ratio Lower Upper
128 100
129 11.4 9.7 14.5
127 13.5 11.1 16.7

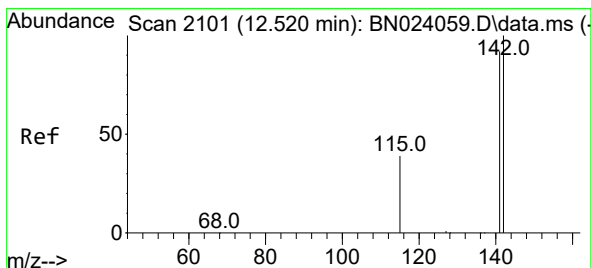
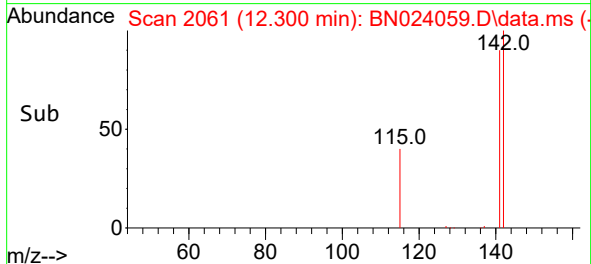
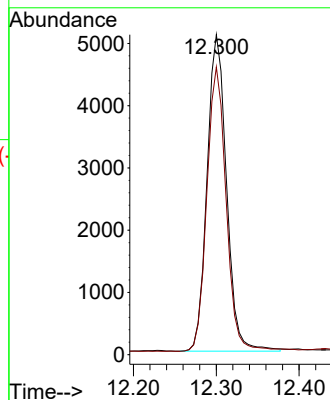
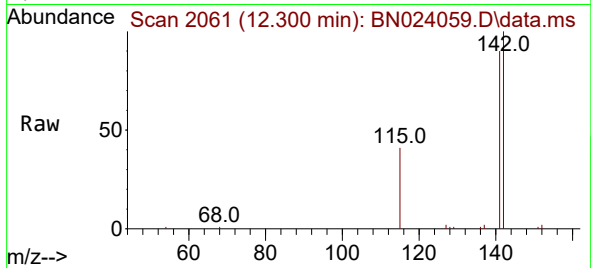




#7
2-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN024059.D
Acq: 17 Feb 2023 10:19

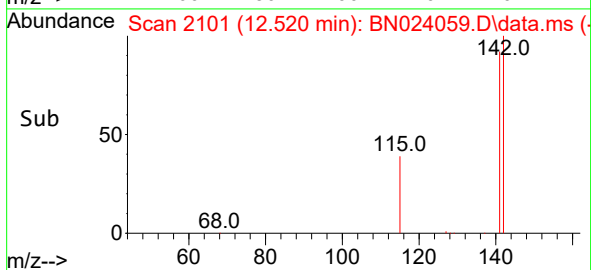
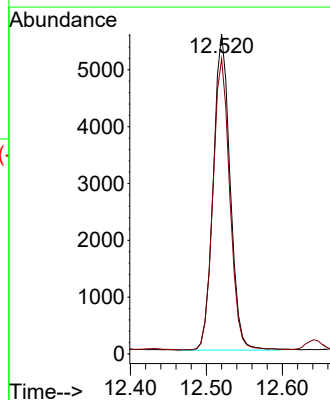
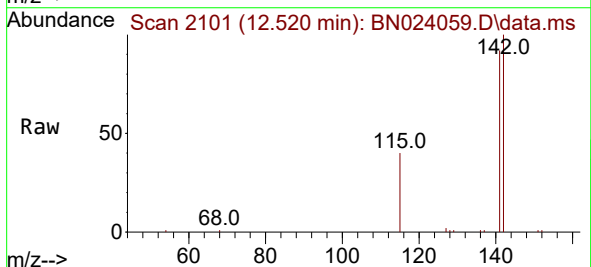
Instrument :
BNA_N
ClientSampleId :
SSTD0.4381

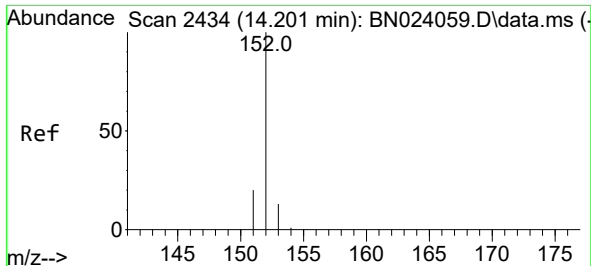
Tgt Ion:142 Resp: 8284
Ion Ratio Lower Upper
142 100
141 89.4 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN024059.D
Acq: 17 Feb 2023 10:19

Tgt Ion:142 Resp: 8548
Ion Ratio Lower Upper
142 100
141 92.3 74.1 111.1

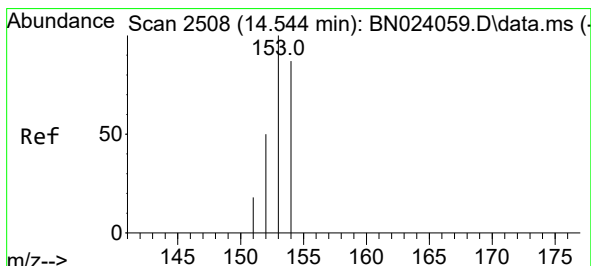
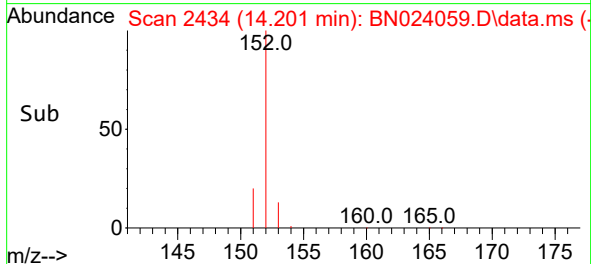
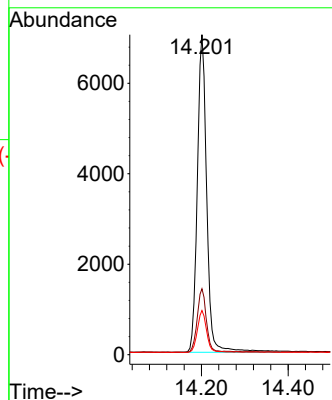
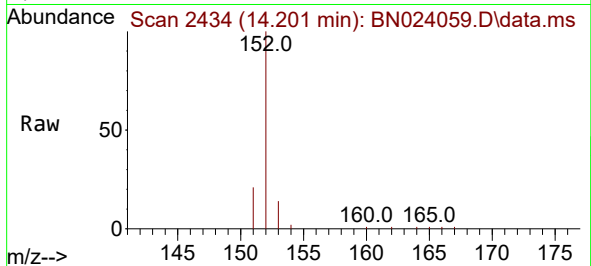




#10
Acenaphthylene
Concen: 0.369 ng/ul
RT: 14.201 min Scan# 2434
Delta R.T. -0.009 min
Lab File: BN024059.D
Acq: 17 Feb 2023 10:19

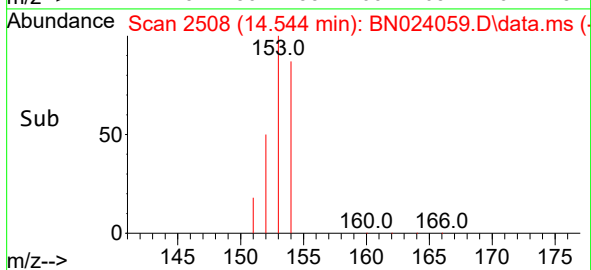
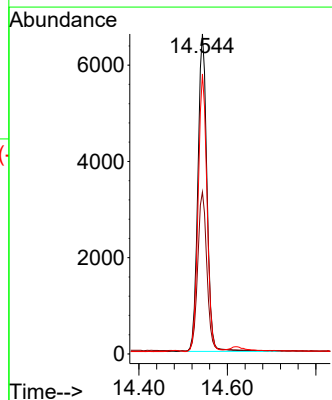
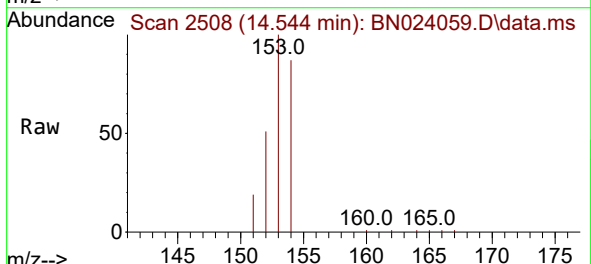
Instrument :
BNA_N
ClientSampleId :
SSTD0.4381

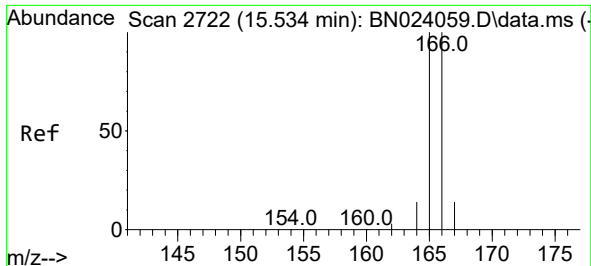
Tgt Ion:152 Resp: 10616
Ion Ratio Lower Upper
152 100
151 20.6 17.0 25.4
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.372 ng/ul
RT: 14.544 min Scan# 2508
Delta R.T. -0.005 min
Lab File: BN024059.D
Acq: 17 Feb 2023 10:19

Tgt Ion:153 Resp: 9423
Ion Ratio Lower Upper
153 100
152 50.6 39.6 59.4
154 87.5 68.8 103.2

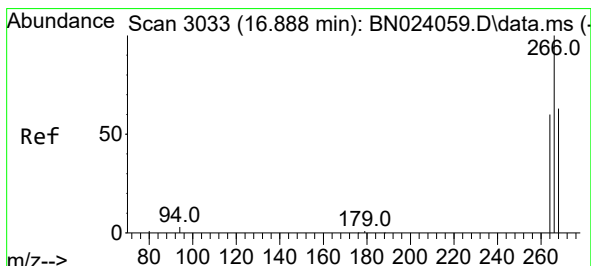
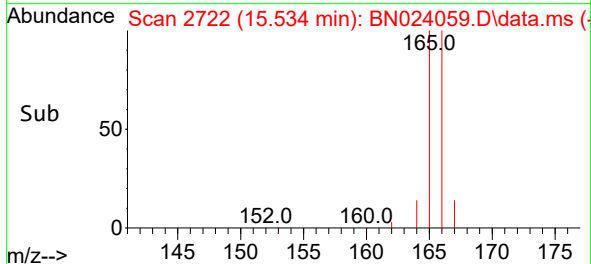
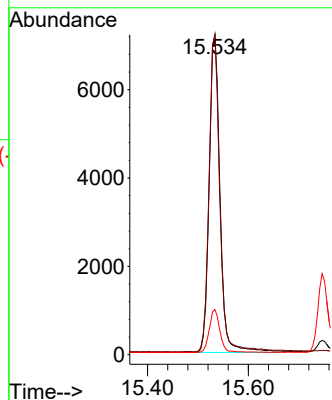
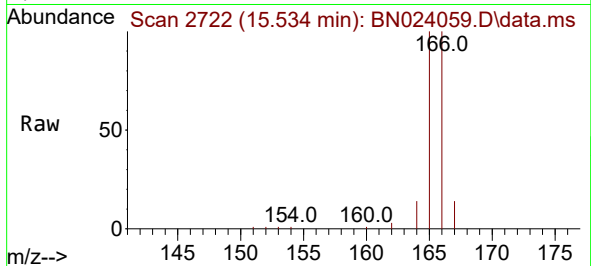




#12
Fluorene
Concen: 0.351 ng/ul
RT: 15.534 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN024059.D
Acq: 17 Feb 2023 10:19

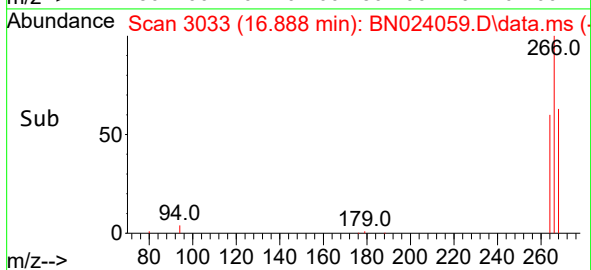
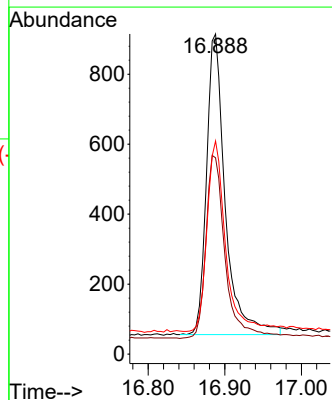
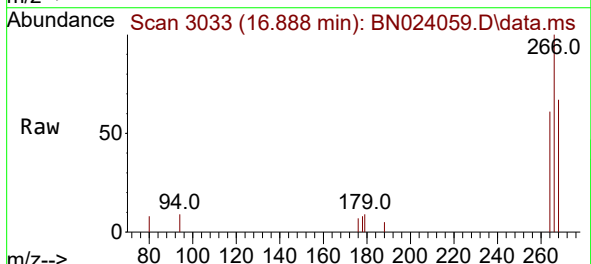
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ClientSampleId :
SSTD0.4381

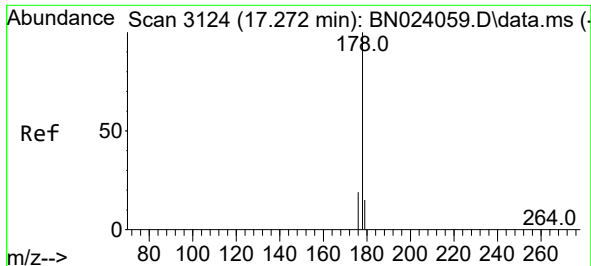
Tgt Ion:166 Resp: 10757
Ion Ratio Lower Upper
166 100
165 99.9 77.4 116.2
167 14.1 11.4 17.0



#14
Pentachlorophenol
Concen: 0.267 ng/ul
RT: 16.888 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BN024059.D
Acq: 17 Feb 2023 10:19

Tgt Ion:266 Resp: 1457
Ion Ratio Lower Upper
266 100
264 62.8 49.4 74.0
268 63.1 52.0 78.0

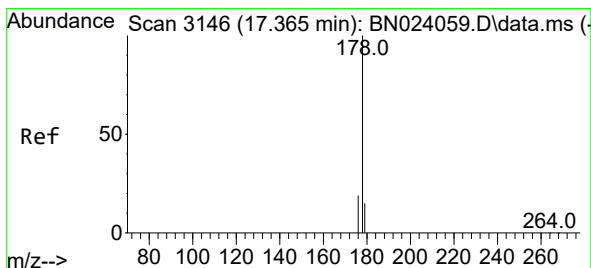
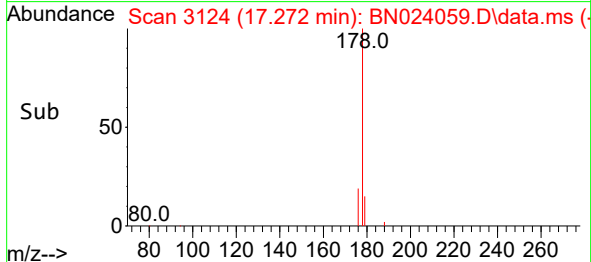
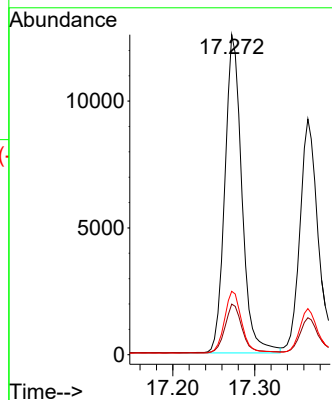
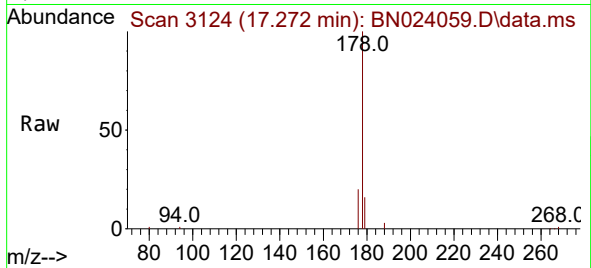




#15
Phenanthrene
Concen: 0.367 ng/ul
RT: 17.272 min Scan# 3124
Delta R.T. -0.008 min
Lab File: BN024059.D
Acq: 17 Feb 2023 10:19

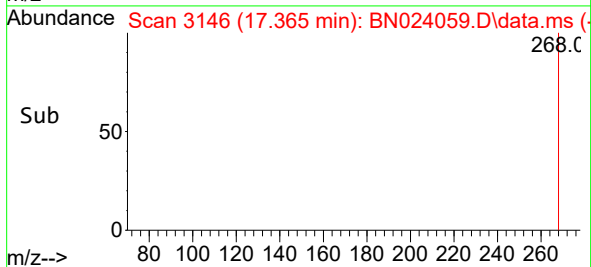
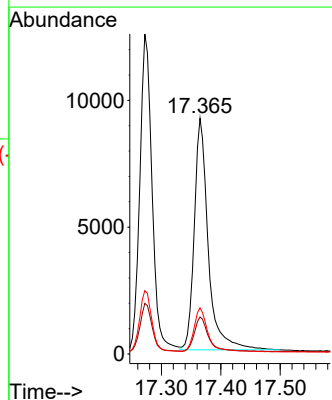
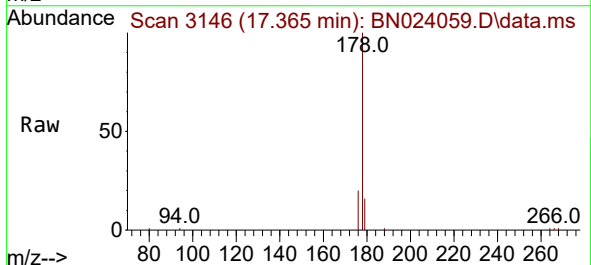
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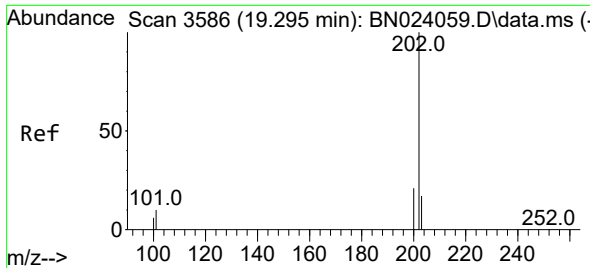
Tgt Ion:178 Resp: 18111
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.8 15.7 23.5



#16
Anthracene
Concen: 0.361 ng/ul
RT: 17.365 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BN024059.D
Acq: 17 Feb 2023 10:19

Tgt Ion:178 Resp: 14908
Ion Ratio Lower Upper
178 100
179 15.7 13.4 20.0
176 19.6 15.4 23.2

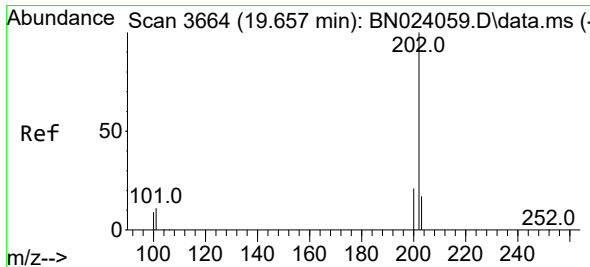
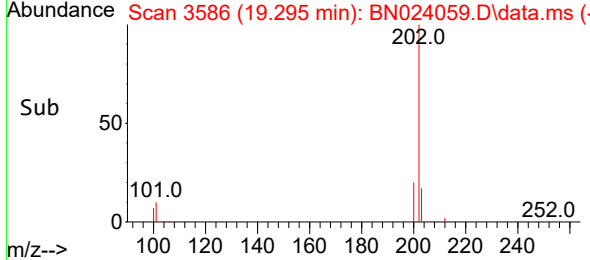
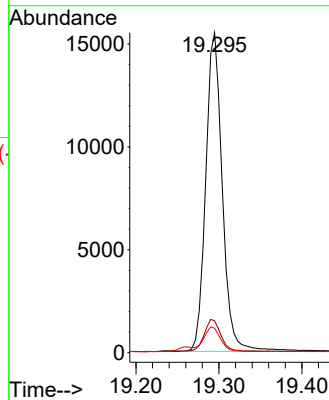
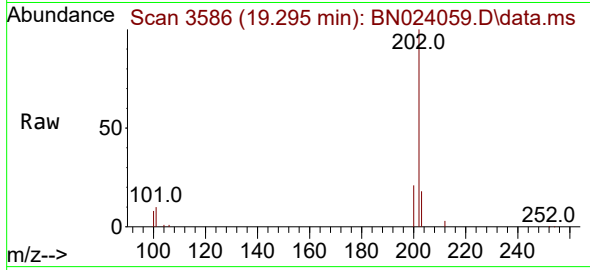




#19
Fluoranthene
Concen: 0.433 ng/ul
RT: 19.295 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN024059.D
Acq: 17 Feb 2023 10:19

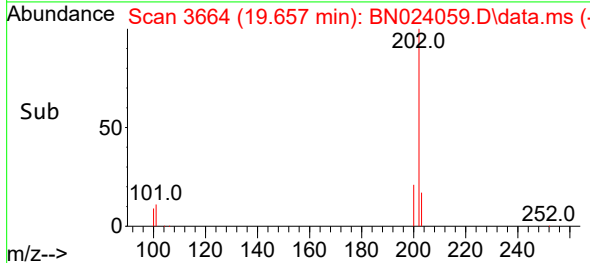
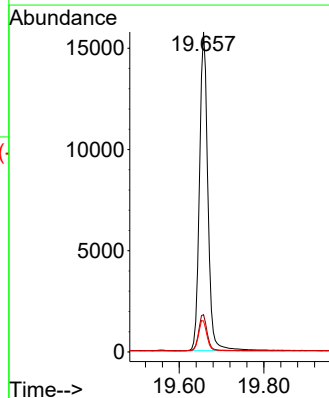
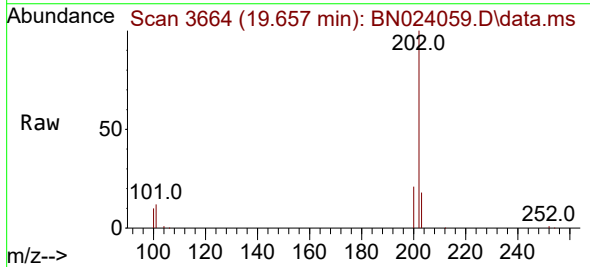
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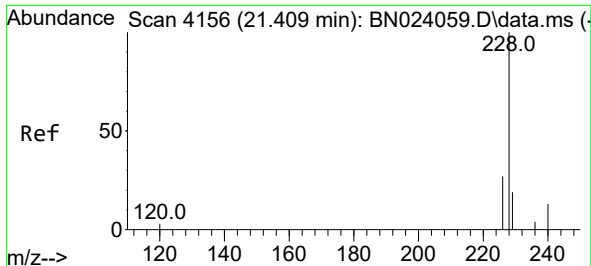
Tgt Ion:202 Resp: 21495
Ion Ratio Lower Upper
202 100
101 9.9 6.8 10.2
100 7.6 5.2 7.8



#20
Pyrene
Concen: 0.421 ng/ul
RT: 19.657 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN024059.D
Acq: 17 Feb 2023 10:19

Tgt Ion:202 Resp: 21629
Ion Ratio Lower Upper
202 100
101 11.7 8.1 12.1
100 9.7 6.2 9.4#

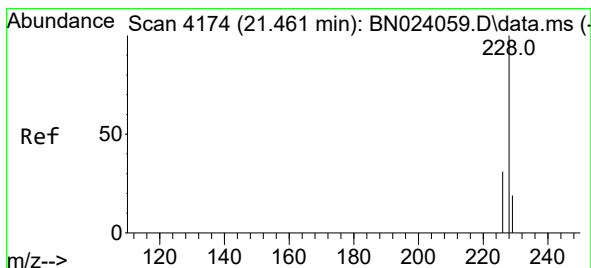
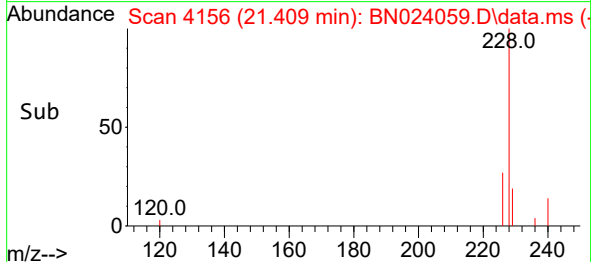
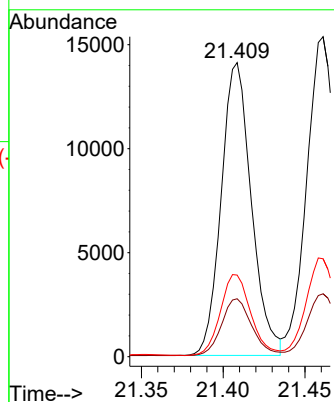
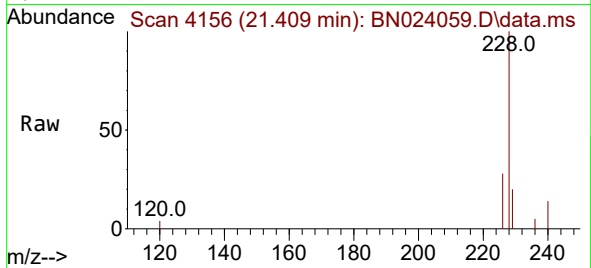




#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.409 min Scan# 4156
Delta R.T. -0.003 min
Lab File: BN024059.D
Acq: 17 Feb 2023 10:19

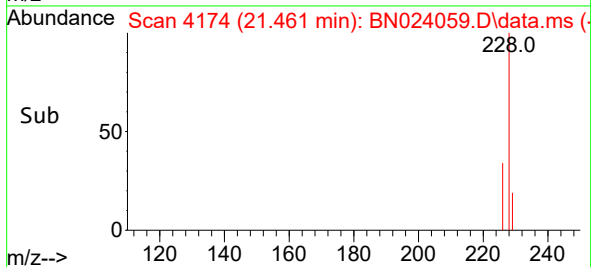
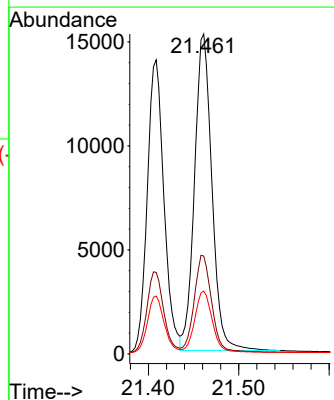
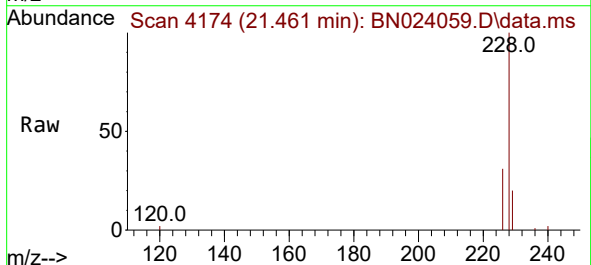
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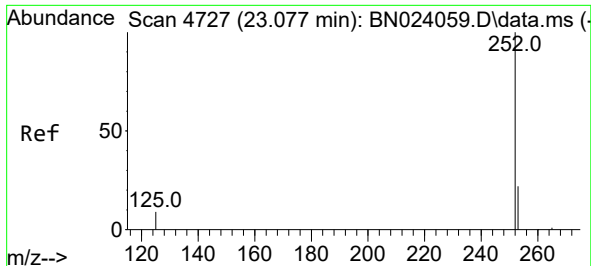
Tgt Ion:228 Resp: 18082
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 27.8 22.0 33.0



#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.461 min Scan# 4174
Delta R.T. -0.006 min
Lab File: BN024059.D
Acq: 17 Feb 2023 10:19

Tgt Ion:228 Resp: 20362
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.2
229 19.6 15.5 23.3

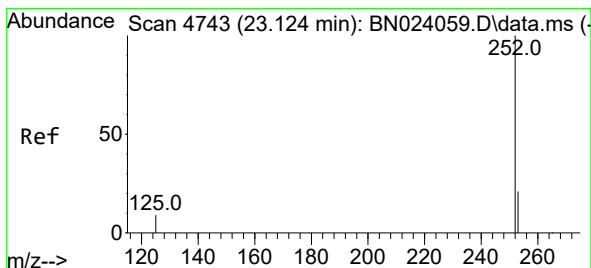
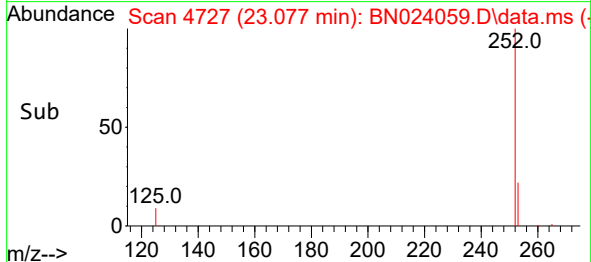
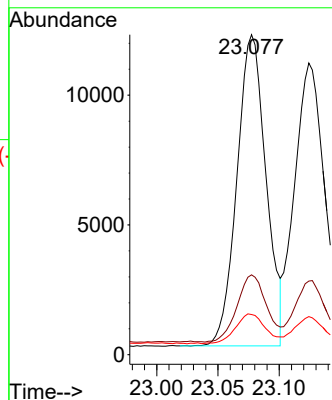
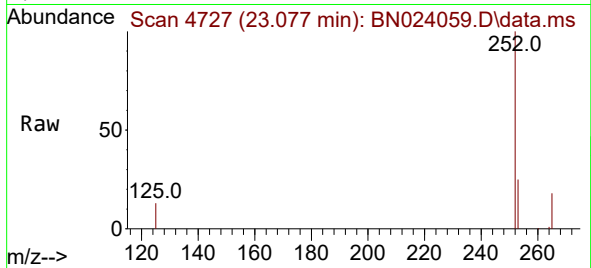




#24
Benzo(b)fluoranthene
Concen: 0.397 ng/ul
RT: 23.077 min Scan# 4727
Delta R.T. -0.015 min
Lab File: BN024059.D
Acq: 17 Feb 2023 10:19

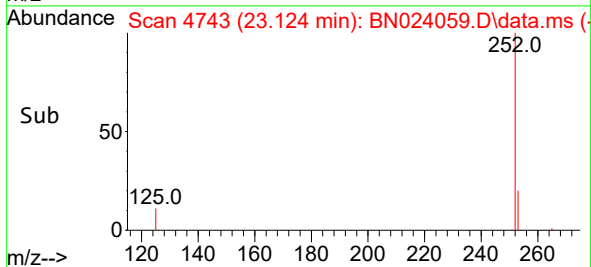
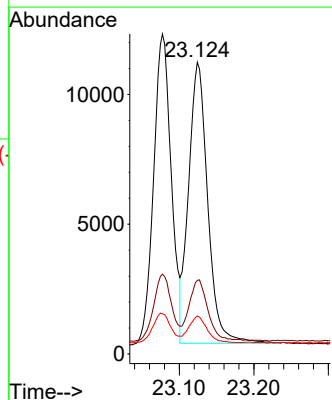
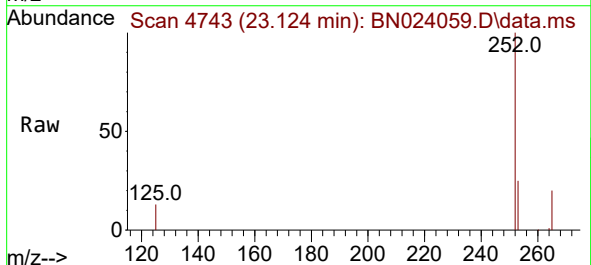
Instrument :
BNA_N
ClientSampleId :
SSTD0.4381

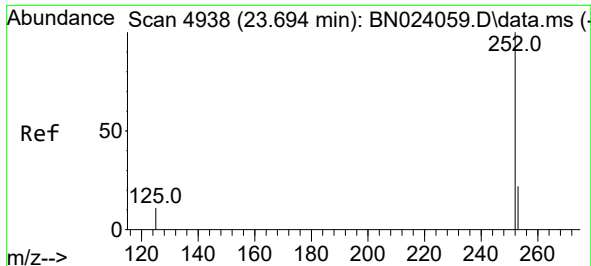
Tgt Ion:252 Resp: 19818
Ion Ratio Lower Upper
252 100
253 25.0 0.0 51.8
125 12.6 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 23.124 min Scan# 4743
Delta R.T. -0.015 min
Lab File: BN024059.D
Acq: 17 Feb 2023 10:19

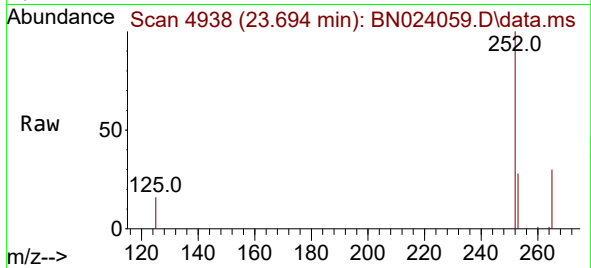
Tgt Ion:252 Resp: 19332
Ion Ratio Lower Upper
252 100
253 25.2 20.2 30.2
125 13.1 9.0 13.4



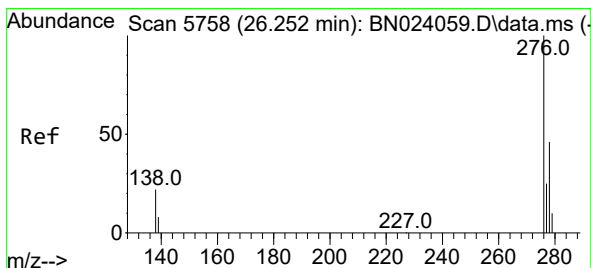
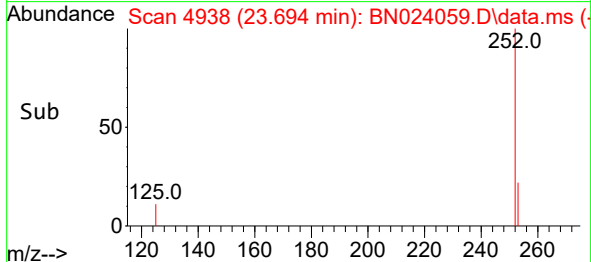
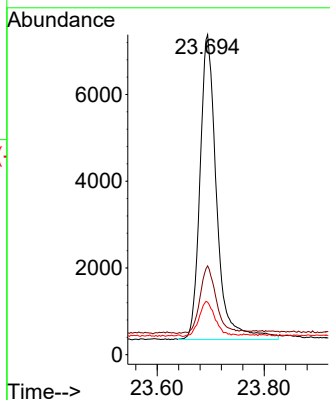


#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 23.694 min Scan# 4938
Delta R.T. -0.012 min
Lab File: BN024059.D
Acq: 17 Feb 2023 10:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4381

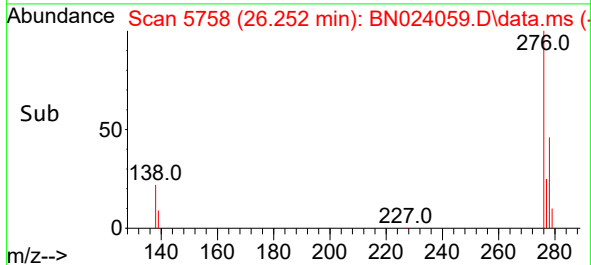
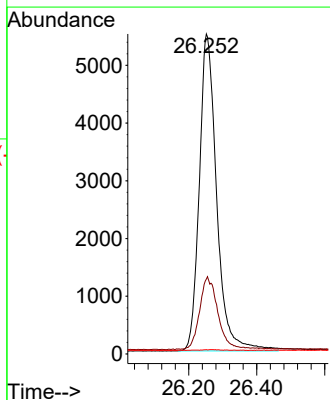
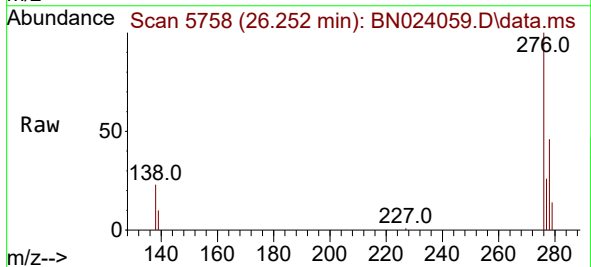


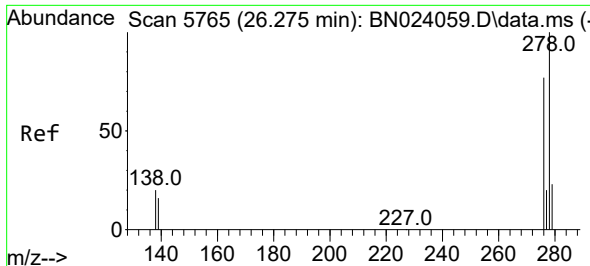
Tgt Ion:	252	Resp:	15166
Ion Ratio	Lower	Upper	
252	100		
253	27.8	21.5	32.3
125	16.4	11.2	16.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.335 ng/ul
RT: 26.252 min Scan# 5758
Delta R.T. -0.040 min
Lab File: BN024059.D
Acq: 17 Feb 2023 10:19

Tgt Ion:	276	Resp:	19533
Ion Ratio	Lower	Upper	
276	100		
138	23.7	17.0	25.6
227	0.0	0.2	0.4

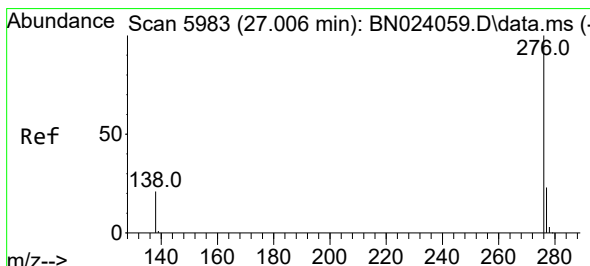
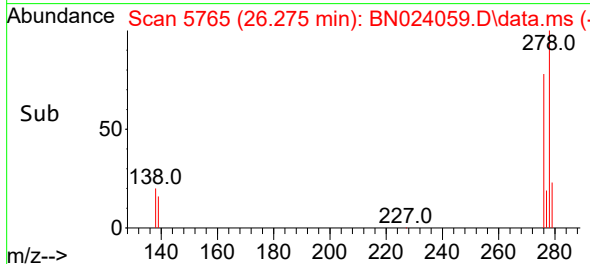
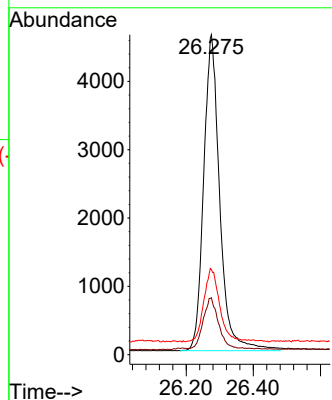
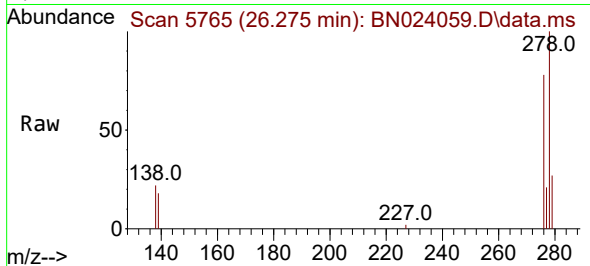




#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 26.275 min Scan# 51
Delta R.T. -0.034 min
Lab File: BN024059.D
Acq: 17 Feb 2023 10:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4381

Tgt Ion:278 Resp: 15323
Ion Ratio Lower Upper
278 100
139 17.8 12.3 18.5
279 26.6 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.360 ng/ul
RT: 27.006 min Scan# 5983
Delta R.T. -0.040 min
Lab File: BN024059.D
Acq: 17 Feb 2023 10:19

Tgt Ion:276 Resp: 17271
Ion Ratio Lower Upper
276 100
138 22.5 15.3 22.9
277 24.4 19.9 29.9

