

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071023\
 Data File : BN026442.D
 Acq On : 10 Jul 2023 11:40
 Operator : MA/JU
 Sample : 03404-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YBW43MSD

Quant Time: Jul 11 04:18:11 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 09 15:51:14 2023
 Response via : Initial Calibration

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

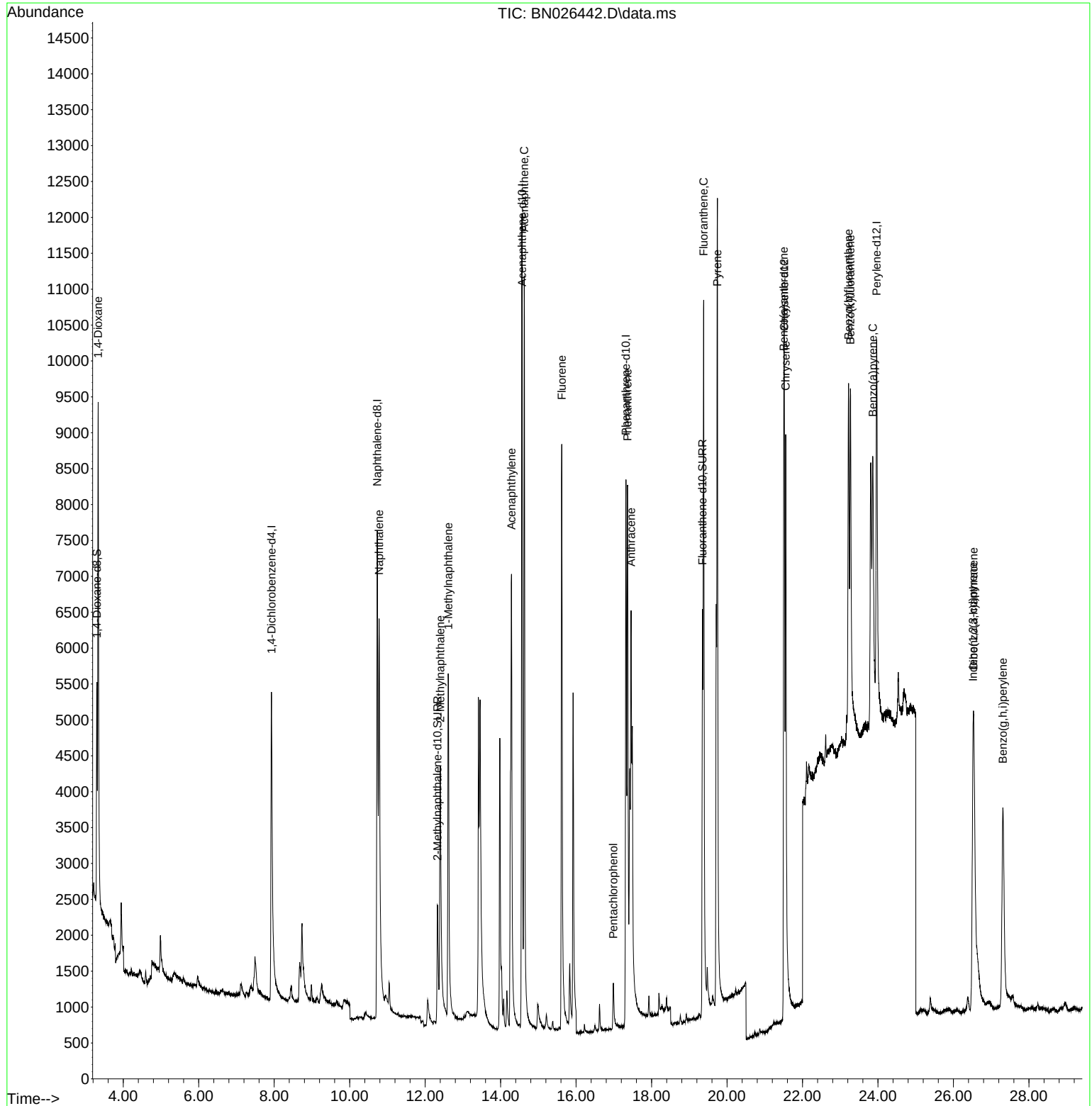
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	4090	0.400	ng/ul	0.00
4) Naphthalene-d8	10.730	136	14129	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.565	164	7471	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	11977	0.400	ng/ul	0.00
17) Chrysene-d12	21.519	240	7697	0.400	ng/ul	0.00
23) Perylene-d12	23.963	264	7884	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	2197	0.477	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.325	152	3441	0.158	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	7757	0.265	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.335	88	5405	1.105	ng/ul#	89
5) Naphthalene	10.780	128	10180	0.251	ng/ul	97
7) 2-Methylnaphthalene	12.402	142	3903	0.151	ng/ul	100
8) 1-Methylnaphthalene	12.611	142	4412	0.165	ng/ul	99
10) Acenaphthylene	14.287	152	8940	0.256	ng/ul	98
11) Acenaphthene	14.625	153	7125	0.249	ng/ul	100
12) Fluorene	15.620	166	7187	0.219	ng/ul	100
14) Pentachlorophenol	16.988	266	658	0.153	ng/ul	98
15) Phenanthrene	17.363	178	9983	0.252	ng/ul	98
16) Anthracene	17.456	178	9683	0.275	ng/ul	95
19) Fluoranthene	19.381	202	10666	0.259	ng/ul	99
20) Pyrene	19.744	202	11412	0.267	ng/ul	97
21) Benzo(a)anthracene	21.505	228	7549	0.238	ng/ul	98
22) Chrysene	21.554	228	8782	0.266	ng/ul	100
24) Benzo(b)fluoranthene	23.220	252	8244	0.245	ng/ul	84
25) Benzo(k)fluoranthene	23.270	252	8715	0.258	ng/ul#	84
26) Benzo(a)pyrene	23.864	252	7244	0.248	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.520	276	9131	0.286	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.536	278	6979	0.289	ng/ul#	87
29) Benzo(g,h,i)perylene	27.311	276	8260	0.291	ng/ul	98

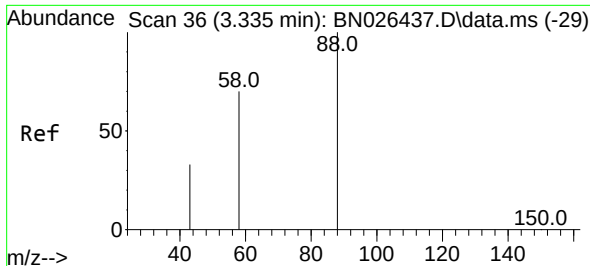
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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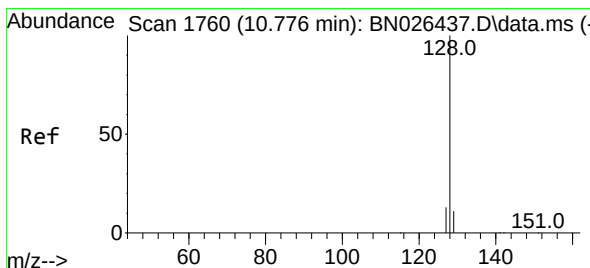
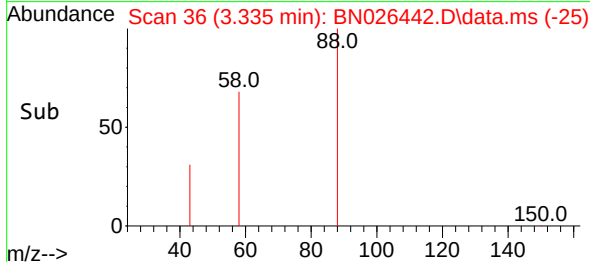
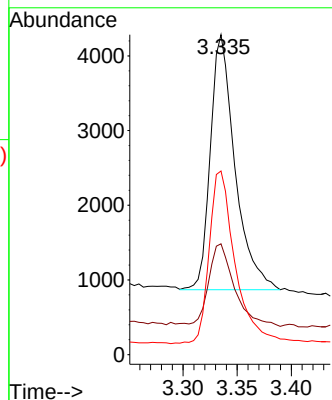
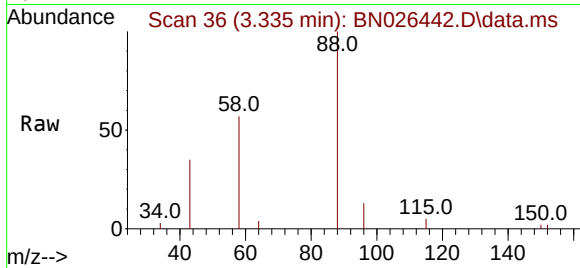




#2
 1,4-Dioxane
 Concen: 1.105 ng/ul
 RT: 3.335 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: BN026442.D
 Acq: 10 Jul 2023 11:40

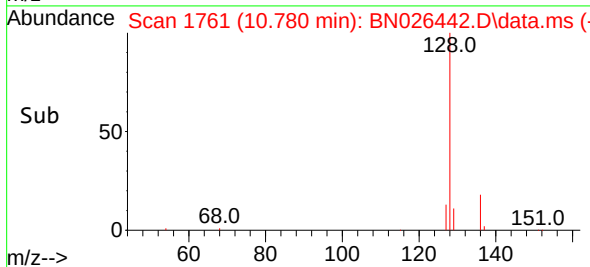
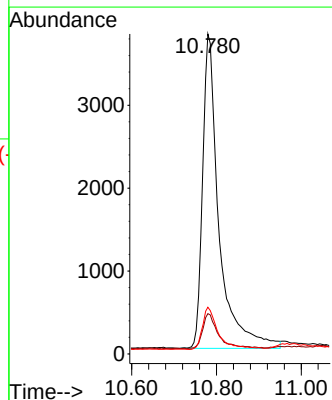
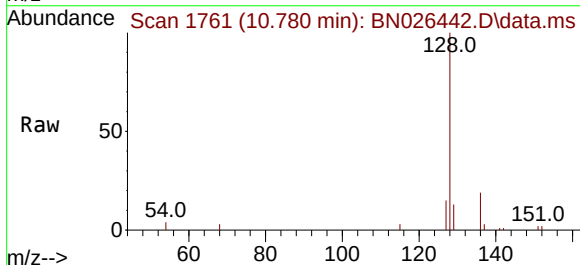
Instrument :
 BNA_N
 ClientSampleId :
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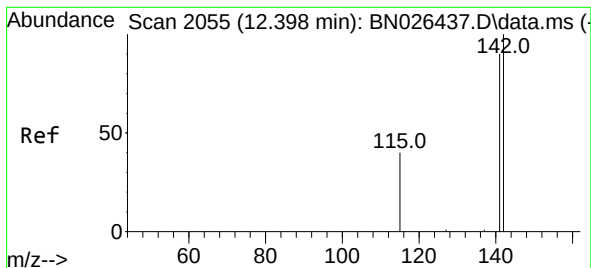
Tgt Ion: 88 Resp: 5405
 Ion Ratio Lower Upper
 88 100
 43 34.6 29.5 44.3
 58 57.4 37.4 56.2#



#5
 Naphthalene
 Concen: 0.251 ng/ul
 RT: 10.780 min Scan# 1761
 Delta R.T. -0.007 min
 Lab File: BN026442.D
 Acq: 10 Jul 2023 11:40

Tgt Ion:128 Resp: 10180
 Ion Ratio Lower Upper
 128 100
 129 12.6 9.1 13.7
 127 14.6 10.7 16.1

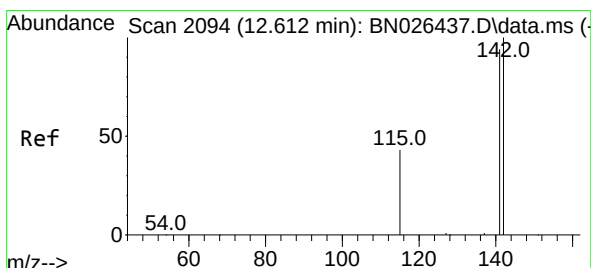
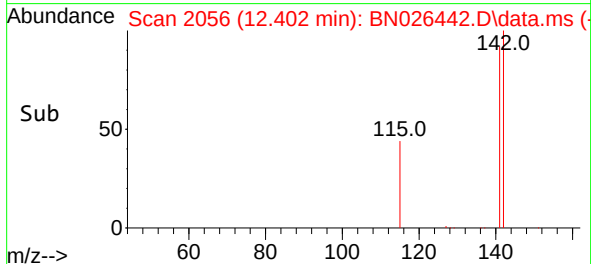
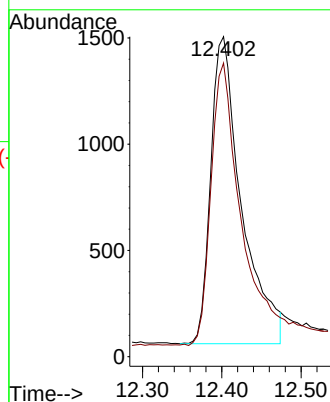
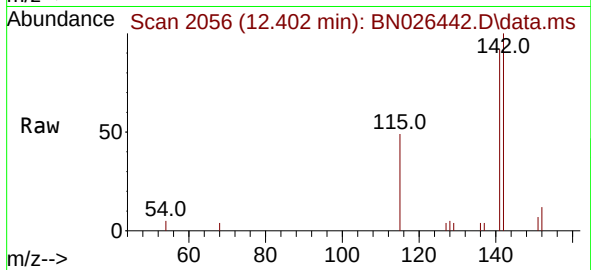




#7
2-Methylnaphthalene
Concen: 0.151 ng/ul
RT: 12.402 min Scan# 2056
Delta R.T. -0.001 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

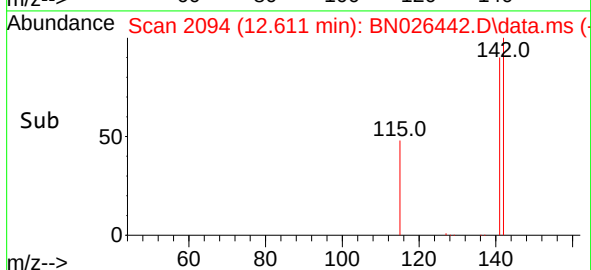
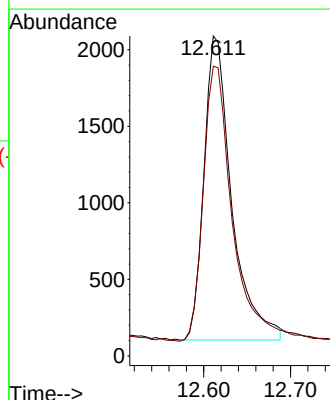
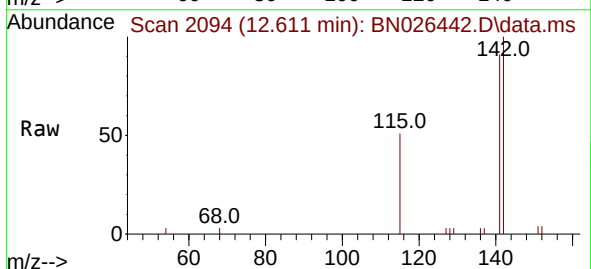
Instrument :
BNA_N
ClientSampleId :
YBW43MSD

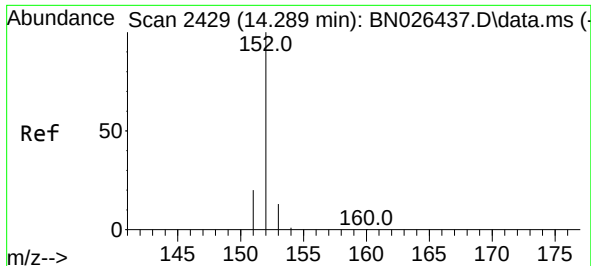
Tgt Ion:142 Resp: 3903
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.165 ng/ul
RT: 12.611 min Scan# 2094
Delta R.T. -0.007 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

Tgt Ion:142 Resp: 4412
Ion Ratio Lower Upper
142 100
141 93.8 74.2 111.4

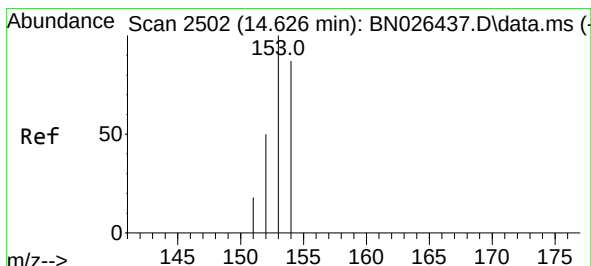
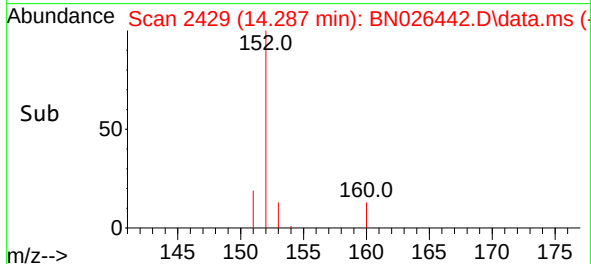
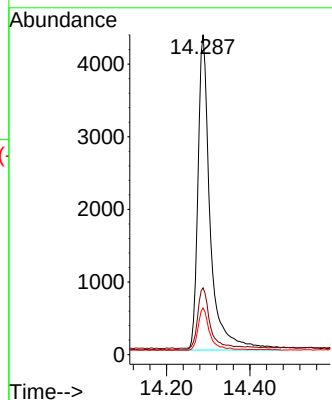
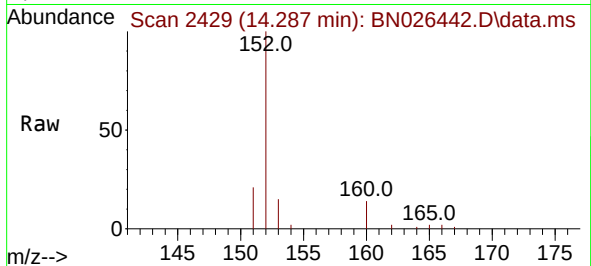




#10
Acenaphthylene
Concen: 0.256 ng/ul
RT: 14.287 min Scan# 2429
Delta R.T. -0.005 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

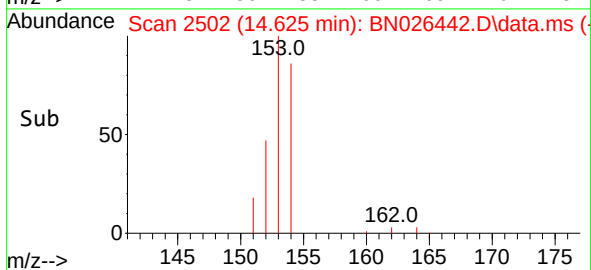
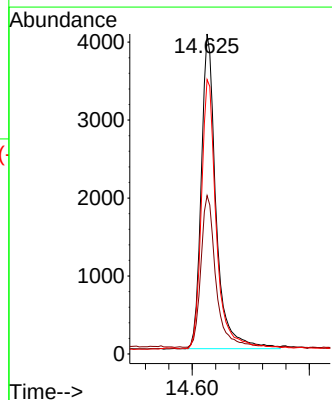
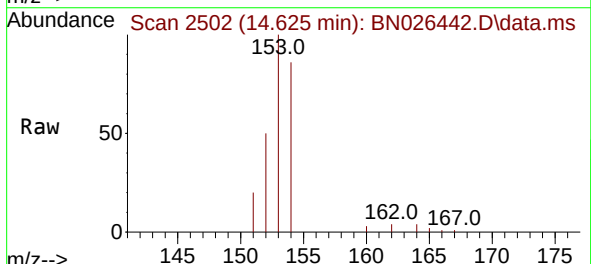
Instrument :
BNA_N
ClientSampleId :
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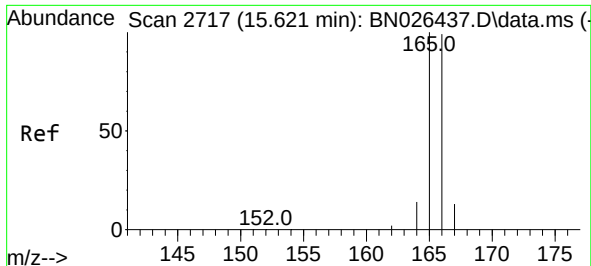
Tgt Ion:152 Resp: 8940
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 14.6 10.9 16.3



#11
Acenaphthene
Concen: 0.249 ng/ul
RT: 14.625 min Scan# 2502
Delta R.T. -0.005 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

Tgt Ion:153 Resp: 7125
Ion Ratio Lower Upper
153 100
152 49.5 39.4 59.0
154 85.7 68.9 103.3

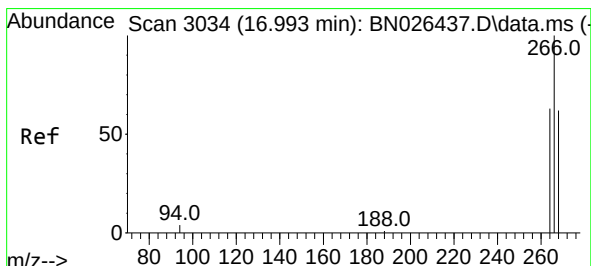
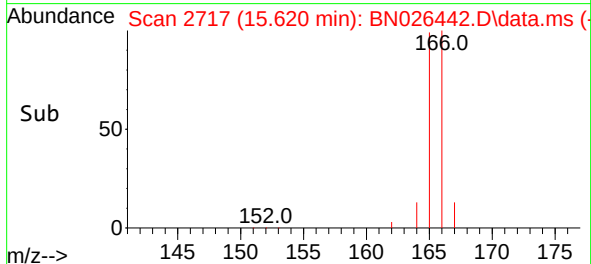
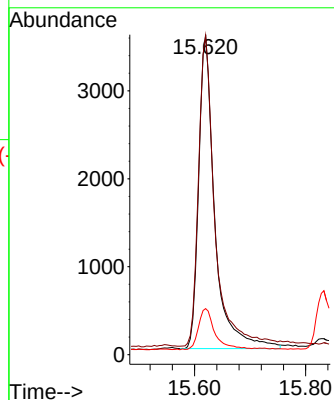
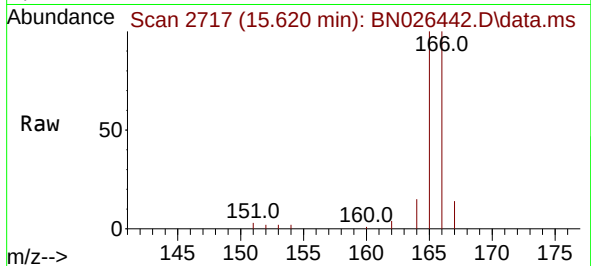




#12
 Fluorene
 Concen: 0.219 ng/ul
 RT: 15.620 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN026442.D
 Acq: 10 Jul 2023 11:40

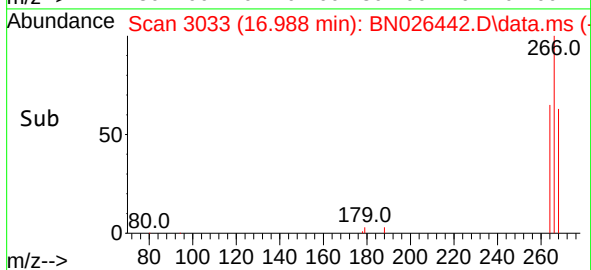
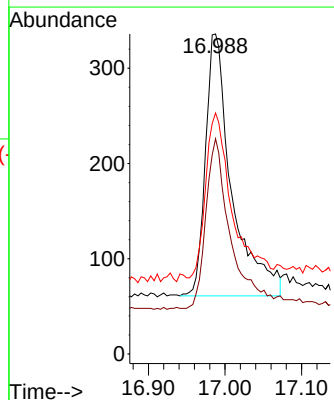
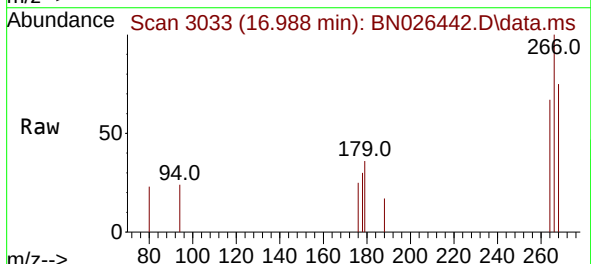
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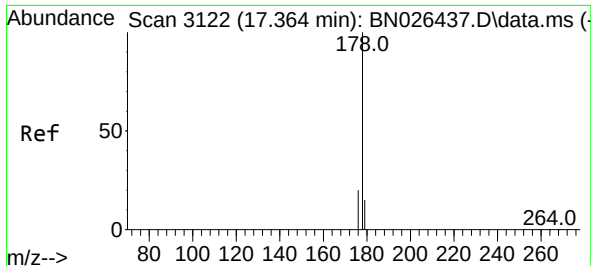
Tgt Ion:166 Resp: 7187
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.9 119.9
 167 14.4 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.153 ng/ul
 RT: 16.988 min Scan# 3033
 Delta R.T. -0.009 min
 Lab File: BN026442.D
 Acq: 10 Jul 2023 11:40

Tgt Ion:266 Resp: 658
 Ion Ratio Lower Upper
 266 100
 264 62.0 50.5 75.7
 268 62.8 51.6 77.4

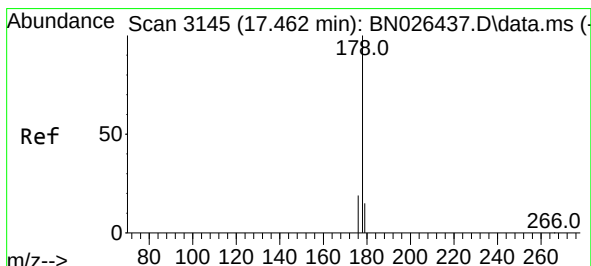
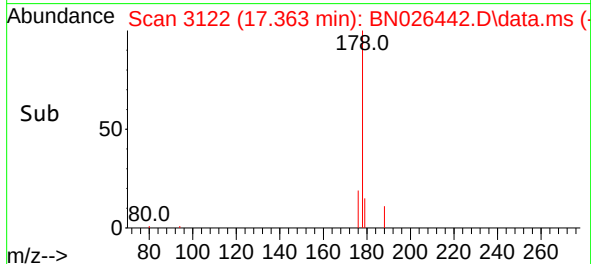
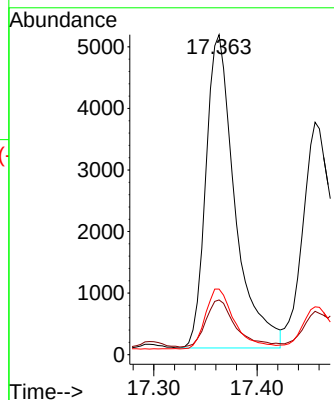
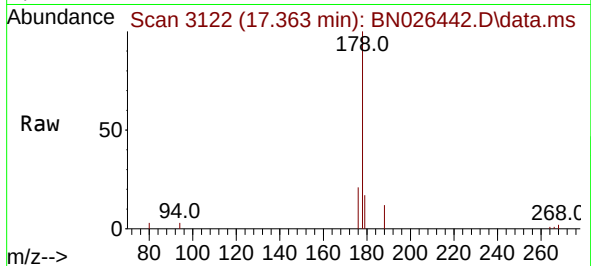




#15
Phenanthrene
Concen: 0.252 ng/ul
RT: 17.363 min Scan# 3122
Delta R.T. -0.005 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

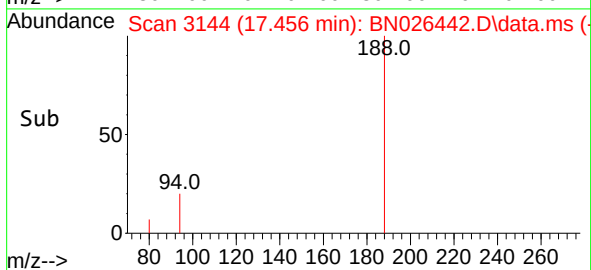
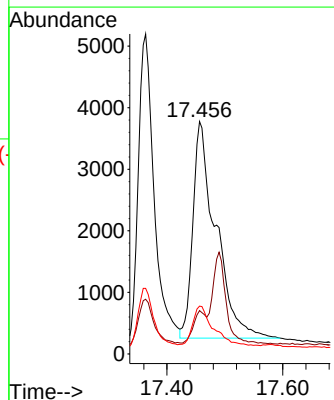
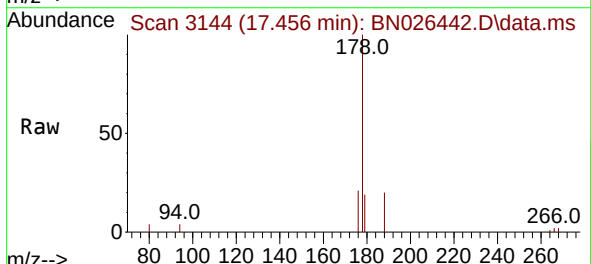
Instrument :
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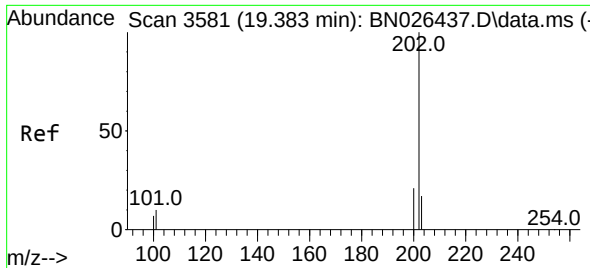
Tgt Ion:	178	Resp:	9983
Ion Ratio	Lower	Upper	
178	100		
179	17.1	12.6	19.0
176	20.5	15.8	23.6



#16
Anthracene
Concen: 0.275 ng/ul
RT: 17.456 min Scan# 3144
Delta R.T. -0.009 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

Tgt Ion:	178	Resp:	9683
Ion Ratio	Lower	Upper	
178	100		
179	18.7	12.6	18.8
176	20.6	15.1	22.7

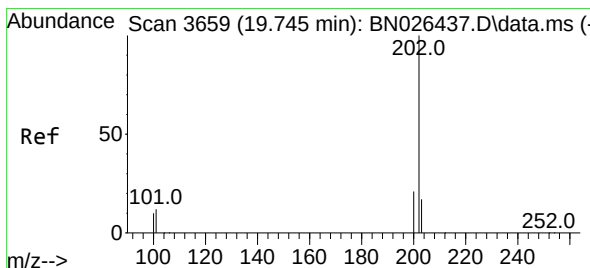
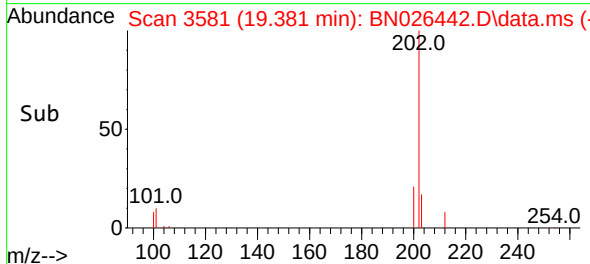
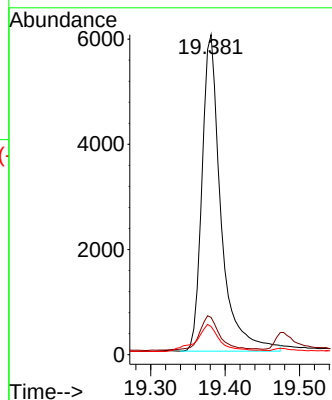
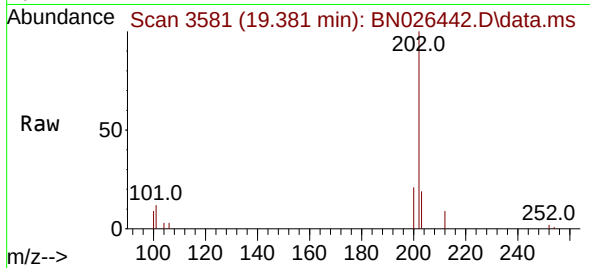




#19
Fluoranthene
Concen: 0.259 ng/ul
RT: 19.381 min Scan# 3581
Delta R.T. -0.006 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

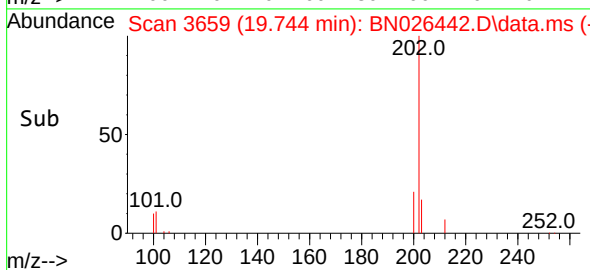
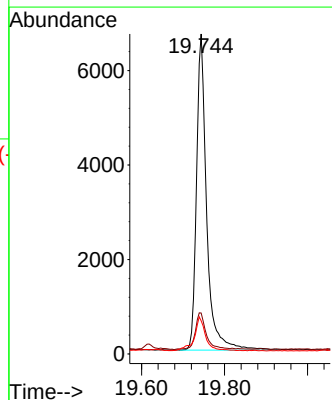
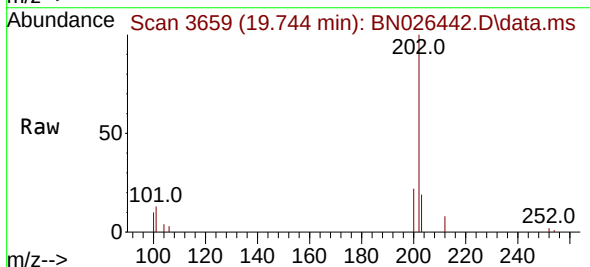
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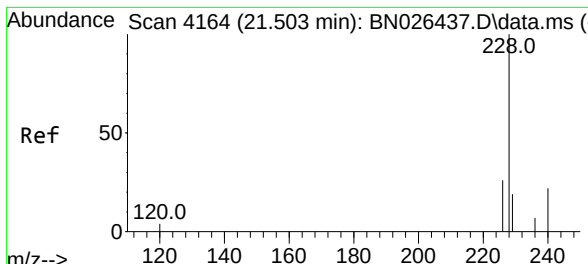
Tgt Ion:	202	Resp:	10666
Ion Ratio	Lower	Upper	
202	100		
101	11.7	9.5	14.3
100	8.8	7.3	10.9



#20
Pyrene
Concen: 0.267 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.006 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

Tgt Ion:	202	Resp:	11412
Ion Ratio	Lower	Upper	
202	100		
101	12.8	11.4	17.0
100	10.4	9.1	13.7

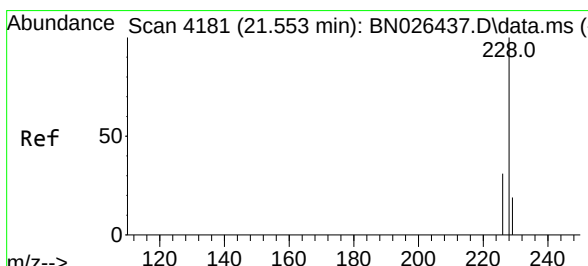
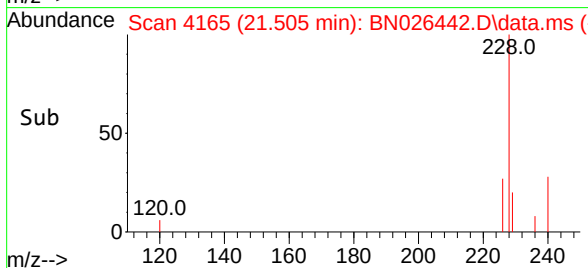
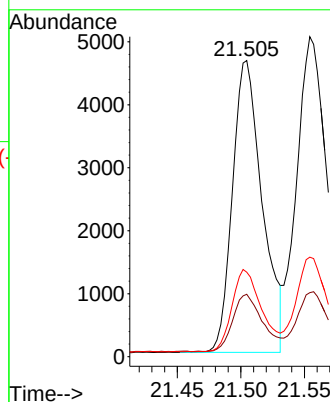
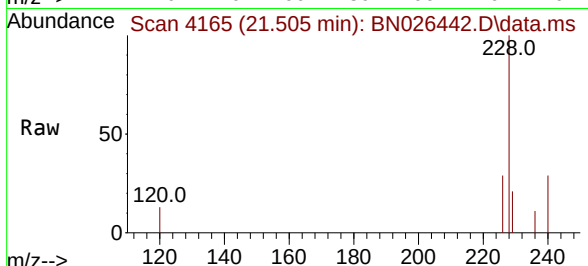




#21
Benzo(a)anthracene
Concen: 0.238 ng/ul
RT: 21.505 min Scan# 4165
Delta R.T. 0.005 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

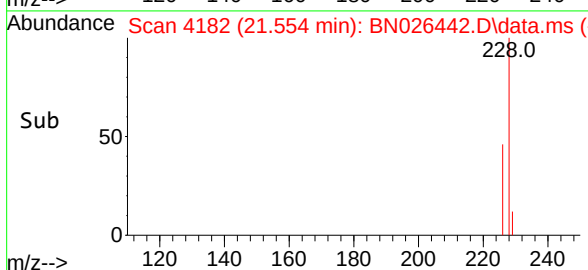
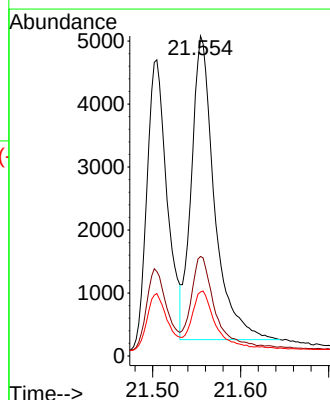
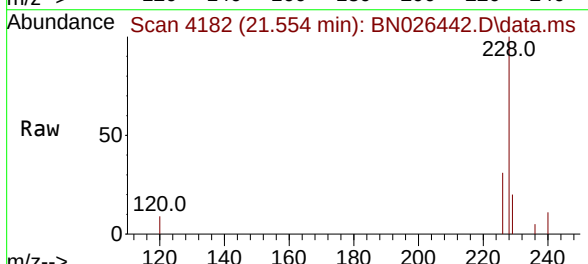
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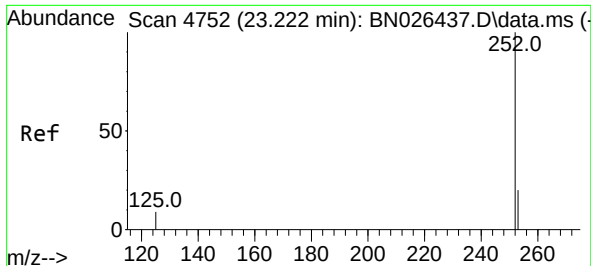
Tgt Ion:	228	Resp:	7549
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.8	23.6
226	28.5	22.5	33.7



#22
Chrysene
Concen: 0.266 ng/ul
RT: 21.554 min Scan# 4182
Delta R.T. 0.002 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

Tgt Ion:	228	Resp:	8782
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.8	37.2
229	20.0	15.7	23.5

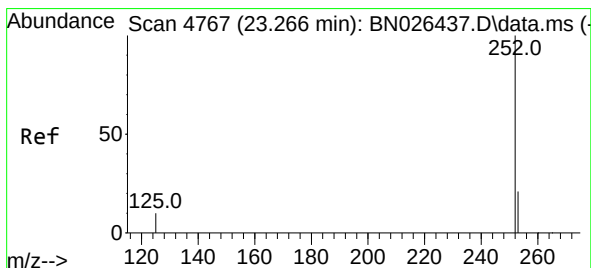
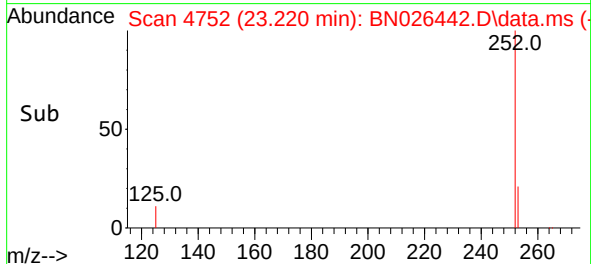
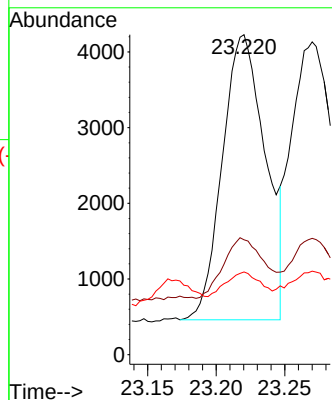
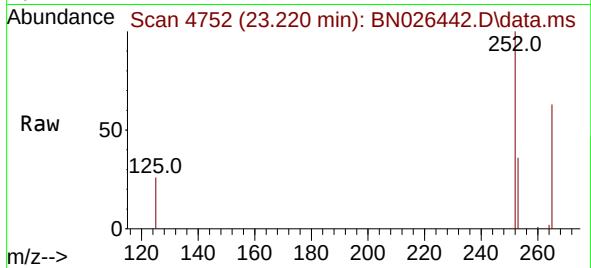




#24
Benzo(b)fluoranthene
Concen: 0.245 ng/ul
RT: 23.220 min Scan# 4752
Delta R.T. 0.002 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

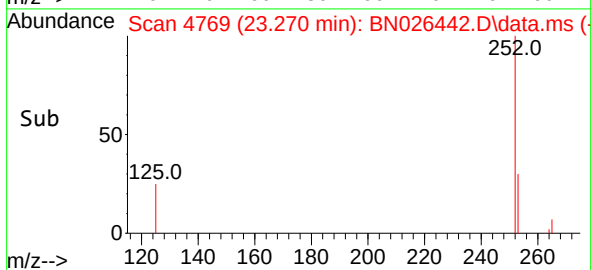
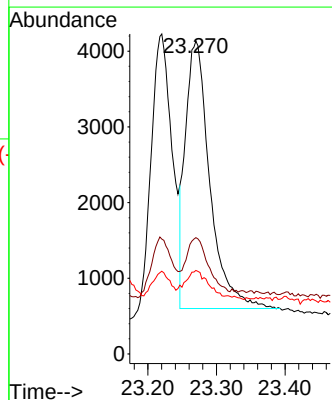
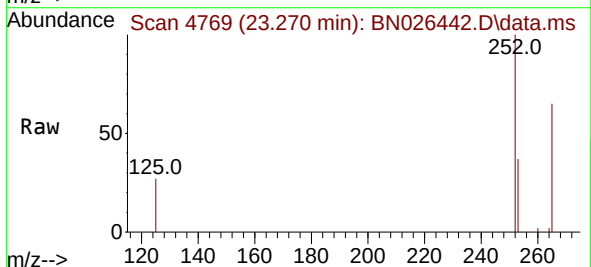
Instrument :
BNA_N
ClientSampleId :
YBW43MSD

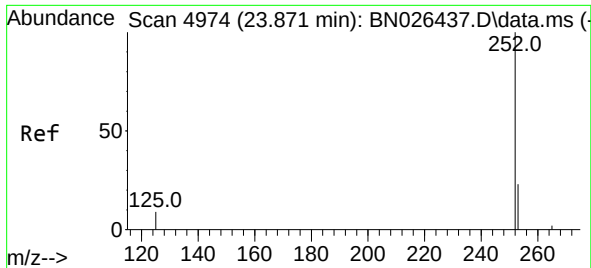
Tgt Ion:252	Resp:	8244	
Ion	Ratio	Lower	Upper
252	100		
253	35.9	0.0	55.6
125	25.9	0.0	35.8



#25
Benzo(k)fluoranthene
Concen: 0.258 ng/ul
RT: 23.270 min Scan# 4769
Delta R.T. 0.008 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

Tgt Ion:252	Resp:	8715	
Ion	Ratio	Lower	Upper
252	100		
253	37.2	23.2	34.8#
125	26.7	15.0	22.4#

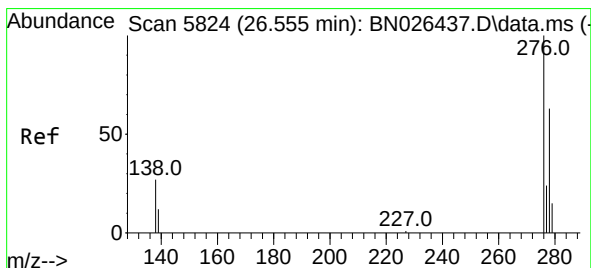
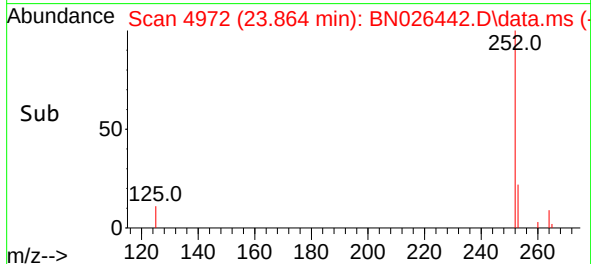
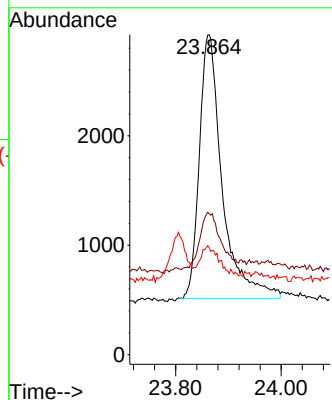
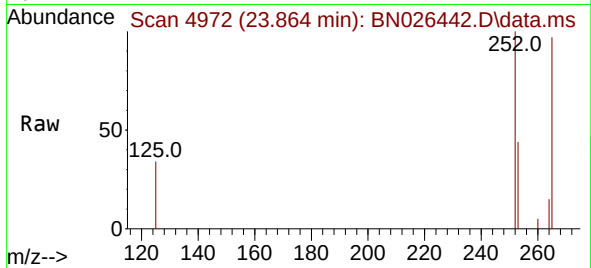




#26
Benzo(a)pyrene
Concen: 0.248 ng/ul
RT: 23.864 min Scan# 4974
Delta R.T. -0.007 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

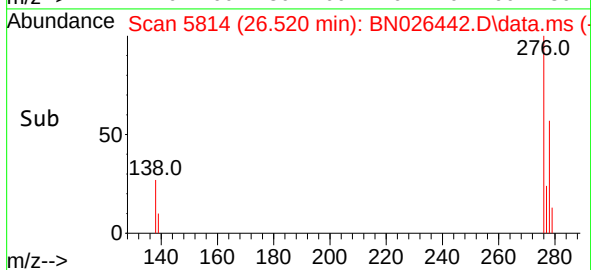
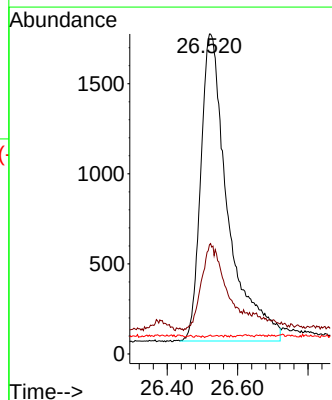
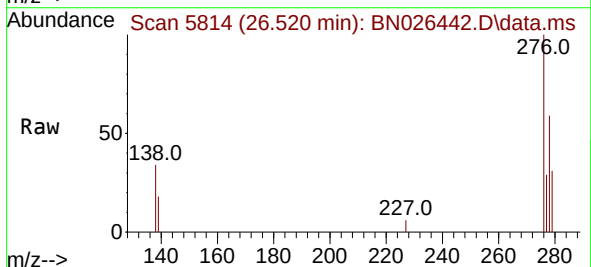
Instrument :
BNA_N
ClientSampleId :
YBW43MSD

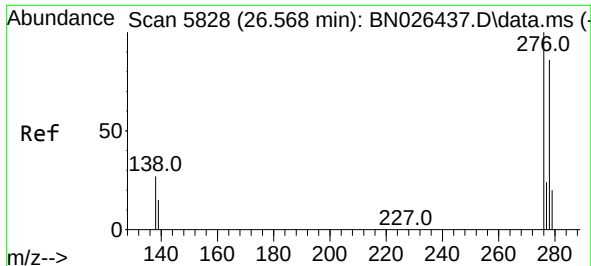
Tgt Ion:252 Resp: 7244
Ion Ratio Lower Upper
252 100
253 44.0 26.0 39.0#
125 33.5 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.286 ng/ul
RT: 26.520 min Scan# 5814
Delta R.T. -0.021 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

Tgt Ion:276 Resp: 9131
Ion Ratio Lower Upper
276 100
138 29.9 24.5 36.7
227 0.1 0.0 0.0#

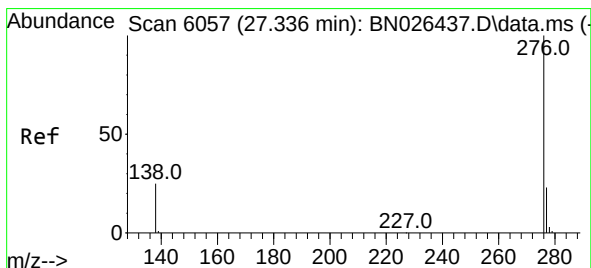
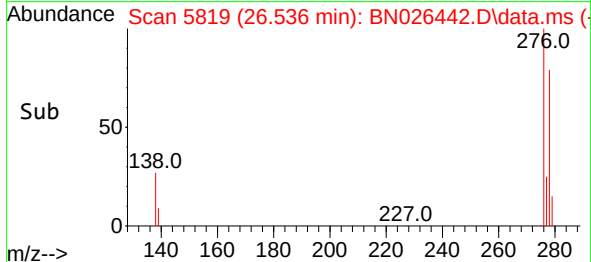
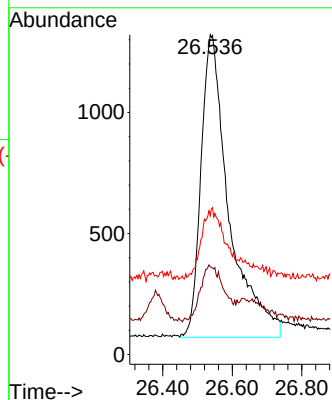
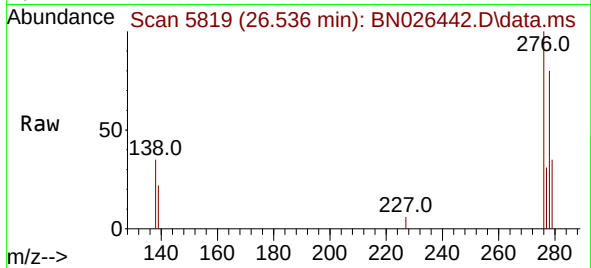




#28
 Dibenzo(a,h)anthracene
 Concen: 0.289 ng/ul
 RT: 26.536 min Scan# 5819
 Delta R.T. -0.024 min
 Lab File: BN026442.D
 Acq: 10 Jul 2023 11:40

Instrument :
 BNA_N
 ClientSampleId :
 YBW43MSD

Tgt Ion:278 Resp: 6979
 Ion Ratio Lower Upper
 278 100
 139 27.4 19.0 28.4
 279 43.4 26.7 40.1#



#29
 Benzo(g,h,i)perylene
 Concen: 0.291 ng/ul
 RT: 27.311 min Scan# 6050
 Delta R.T. -0.024 min
 Lab File: BN026442.D
 Acq: 10 Jul 2023 11:40

Tgt Ion:276 Resp: 8260
 Ion Ratio Lower Upper
 276 100
 138 28.6 23.4 35.0
 277 26.5 20.0 30.0

