

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070823\
 Data File : BN026411.D
 Acq On : 09 Jul 2023 07:30
 Operator : MA/JU
 Sample : PB153886BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS886

Quant Time: Jul 09 15:49:36 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 : Sat Jul 08 09:20:18 2023
 Response via : Initial Calibration

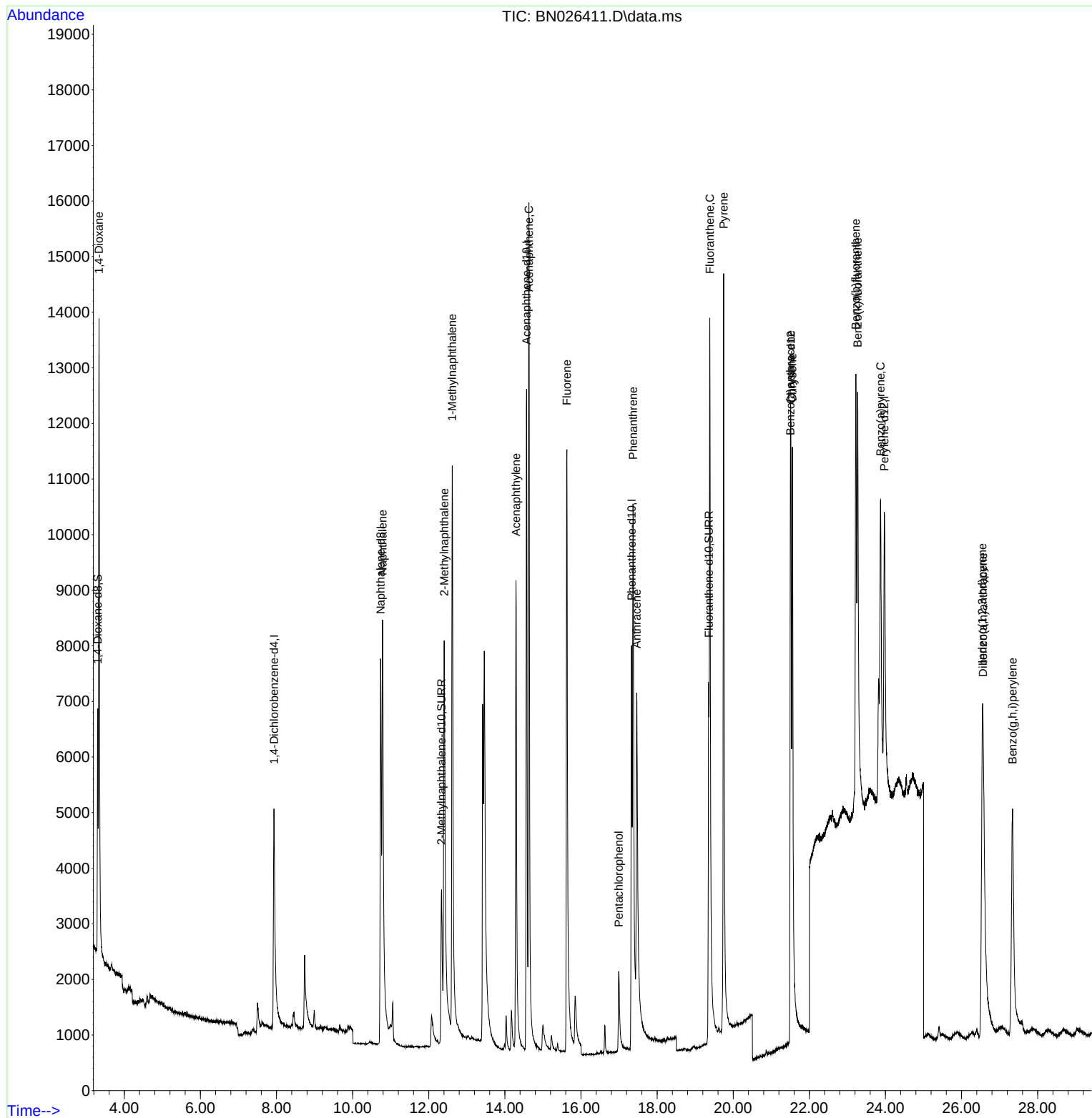
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	4149	0.400	ng/ul	0.00
4) Naphthalene-d8	10.736	136	15028	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.570	164	8241	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	12304	0.400	ng/ul	0.00
17) Chrysene-d12	21.516	240	7840	0.400	ng/ul	-0.01
23) Perylene-d12	23.975	264	7610	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	3107	0.665	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.336	152	6010	0.260	ng/ul	0.00
18) Fluoranthene-d10	19.358	212	10060	0.337	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	8698	1.753	ng/ul#	86
5) Naphthalene	10.785	128	15179	0.352	ng/ul	99
7) 2-Methylnaphthalene	12.408	142	8486	0.309	ng/ul	100
8) 1-Methylnaphthalene	12.617	142	9453	0.333	ng/ul	99
10) Acenaphthylene	14.292	152	13849	0.359	ng/ul	98
11) Acenaphthene	14.630	153	11370	0.360	ng/ul	99
12) Fluorene	15.629	166	11116	0.307	ng/ul	99
14) Pentachlorophenol	16.992	266	1692	0.384	ng/ul	99
15) Phenanthrene	17.368	178	14299	0.352	ng/ul	98
16) Anthracene	17.465	178	11936	0.330	ng/ul	96
19) Fluoranthene	19.386	202	15077	0.360	ng/ul	99
20) Pyrene	19.748	202	16393	0.376	ng/ul	97
21) Benzo(a)anthracene	21.502	228	10516	0.325	ng/ul	99
22) Chrysene	21.554	228	12078	0.359	ng/ul	99
24) Benzo(b)fluoranthene	23.223	252	11947	0.368	ng/ul	92
25) Benzo(k)fluoranthene	23.270	252	13305	0.408	ng/ul	94
26) Benzo(a)pyrene	23.870	252	10973	0.389	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	26.547	276	13418	0.435	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.563	278	10069	0.432	ng/ul	93
29) Benzo(g,h,i)perylene	27.338	276	12034	0.439	ng/ul	98

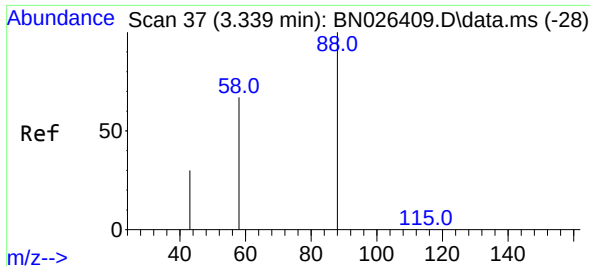
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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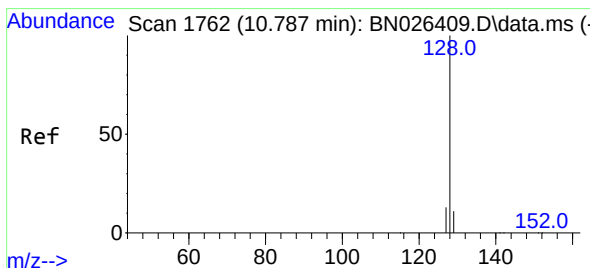
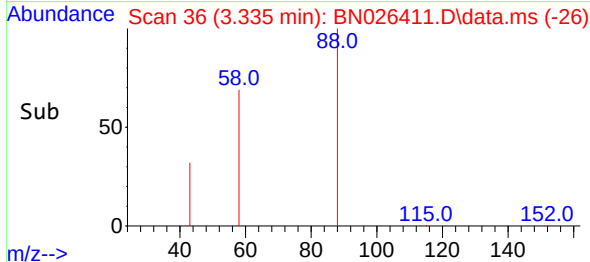
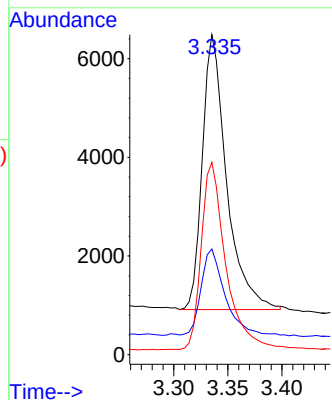
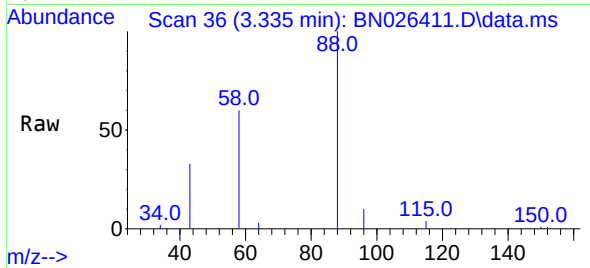




#2
1,4-Dioxane
Concen: 1.753 ng/ul
RT: 3.335 min Scan# 30
Delta R.T. -0.008 min
Lab File: BN026411.D
Acq: 09 Jul 2023 07:30

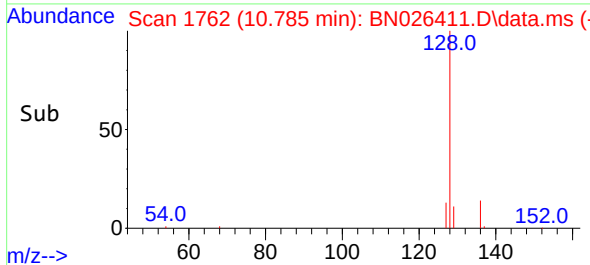
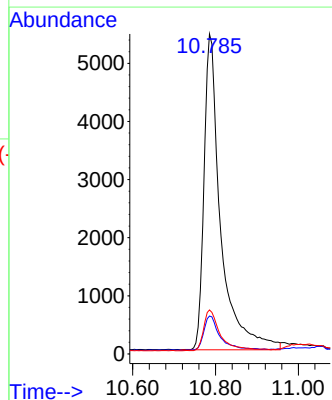
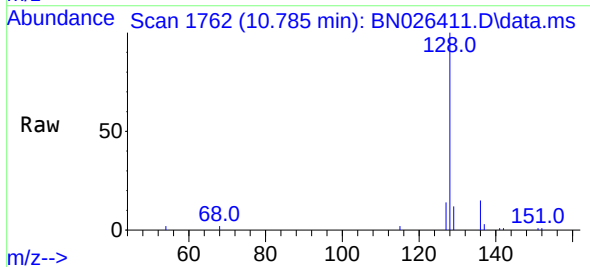
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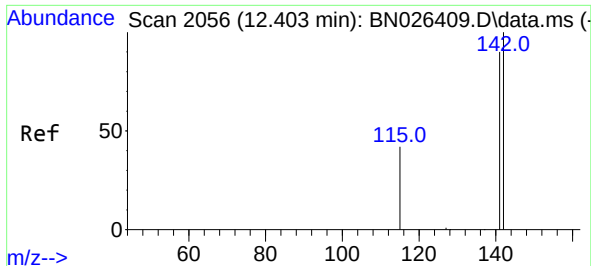
Tgt Ion: 88 Resp: 8698
Ion Ratio Lower Upper
88 100
43 33.0 29.5 44.3
58 60.1 37.4 56.2#



#5
Naphthalene
Concen: 0.352 ng/ul
RT: 10.785 min Scan# 1762
Delta R.T. -0.005 min
Lab File: BN026411.D
Acq: 09 Jul 2023 07:30

Tgt Ion:128 Resp: 15179
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.7 10.7 16.1

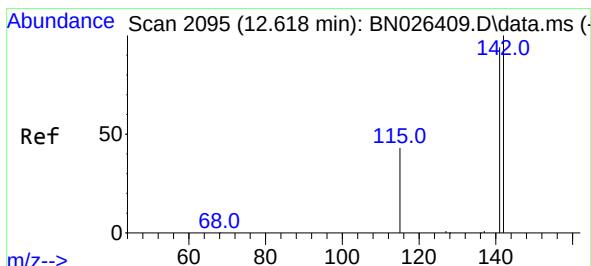
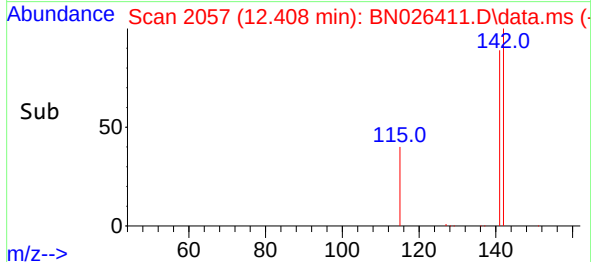
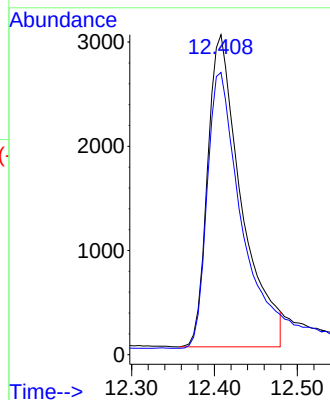
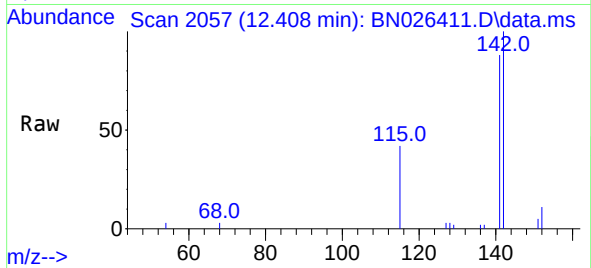




#7
2-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 12.408 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN026411.D
Acq: 09 Jul 2023 07:30

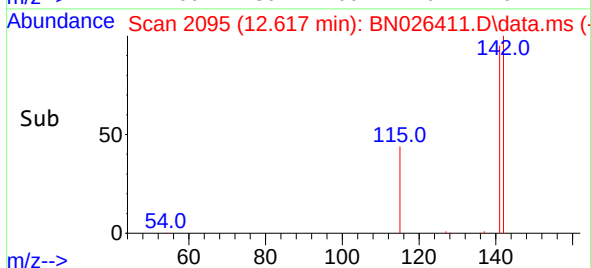
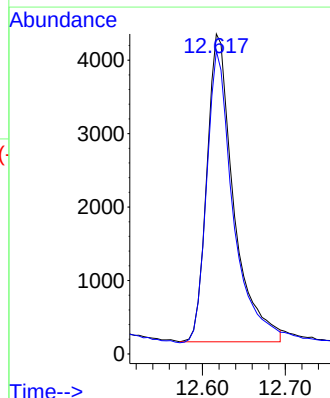
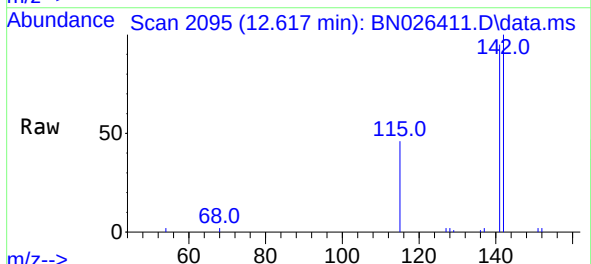
Instrument :
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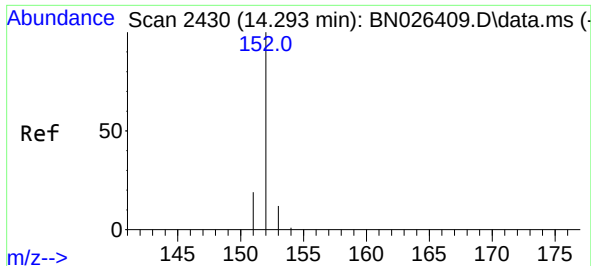
Tgt Ion:142 Resp: 8486
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.617 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BN026411.D
Acq: 09 Jul 2023 07:30

Tgt Ion:142 Resp: 9453
Ion Ratio Lower Upper
142 100
141 93.8 74.2 111.4

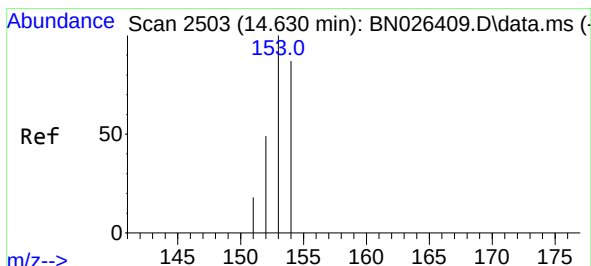
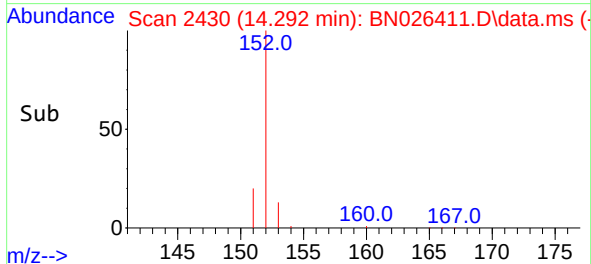
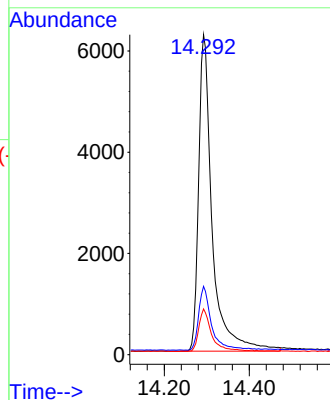
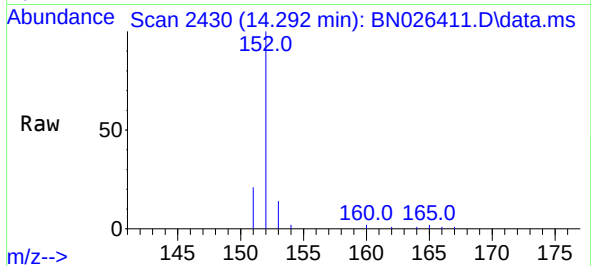




#10
Acenaphthylene
Concen: 0.359 ng/ul
RT: 14.292 min Scan# 2430
Delta R.T. -0.004 min
Lab File: BN026411.D
Acq: 09 Jul 2023 07:30

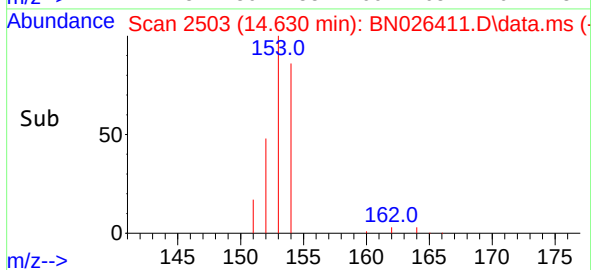
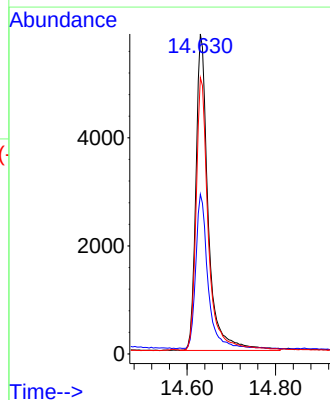
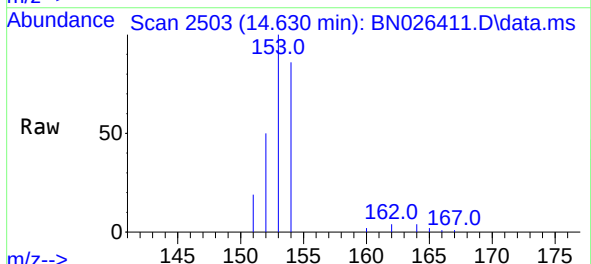
Instrument :
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ClientSampleId :
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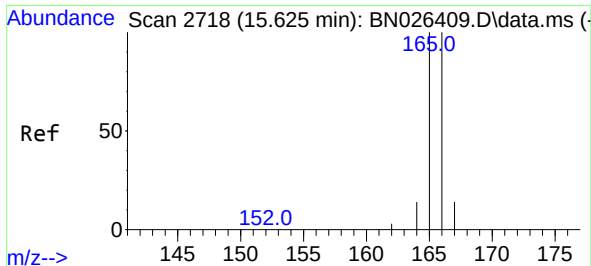
Tgt Ion:	152	Resp:	13849
Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.2	24.4
153	14.3	10.9	16.3



#11
Acenaphthene
Concen: 0.360 ng/ul
RT: 14.630 min Scan# 2503
Delta R.T. -0.004 min
Lab File: BN026411.D
Acq: 09 Jul 2023 07:30

Tgt Ion:	153	Resp:	11370
Ion	Ratio	Lower	Upper
153	100		
152	49.9	39.4	59.0
154	86.4	68.9	103.3

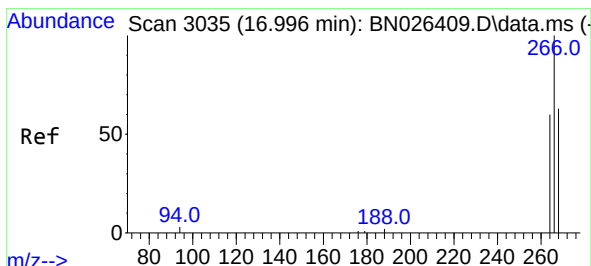
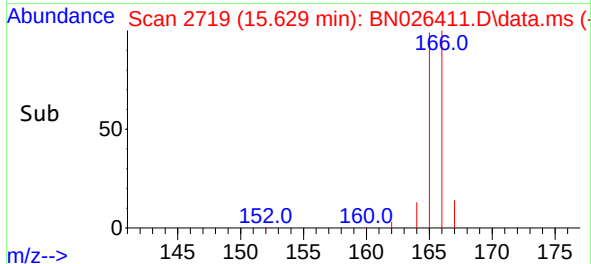
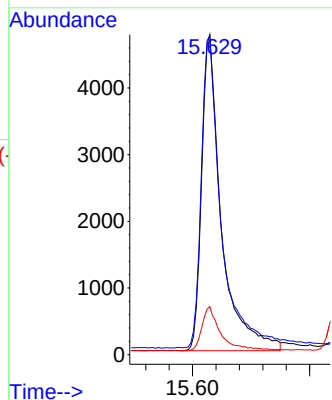
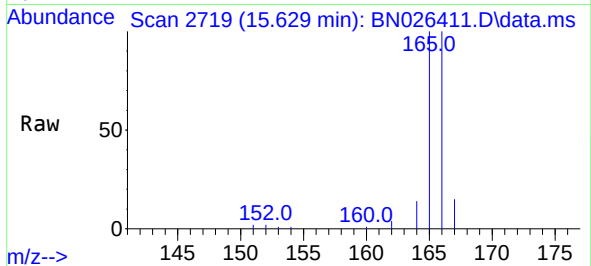




#12
Fluorene
Concen: 0.307 ng/ul
RT: 15.629 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026411.D
Acq: 09 Jul 2023 07:30

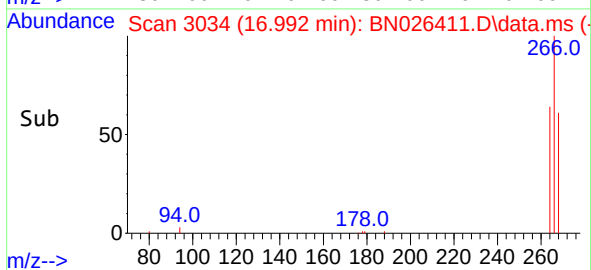
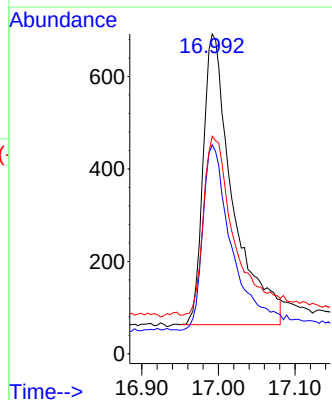
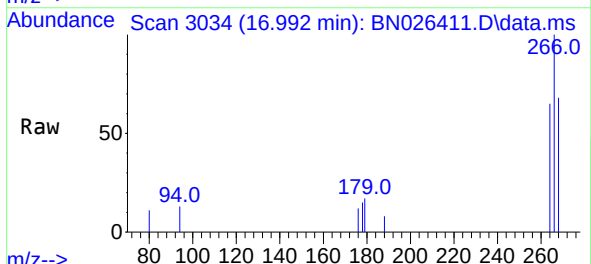
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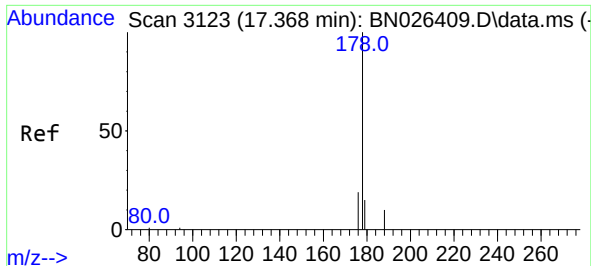
Tgt Ion:166 Resp: 11116
Ion Ratio Lower Upper
166 100
165 99.7 79.9 119.9
167 15.1 10.8 16.2



#14
Pentachlorophenol
Concen: 0.384 ng/ul
RT: 16.992 min Scan# 3034
Delta R.T. -0.004 min
Lab File: BN026411.D
Acq: 09 Jul 2023 07:30

Tgt Ion:266 Resp: 1692
Ion Ratio Lower Upper
266 100
264 63.7 50.5 75.7
268 64.0 51.6 77.4

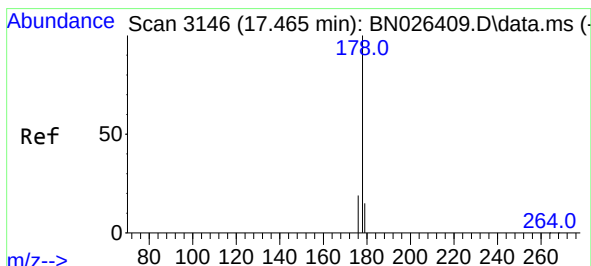
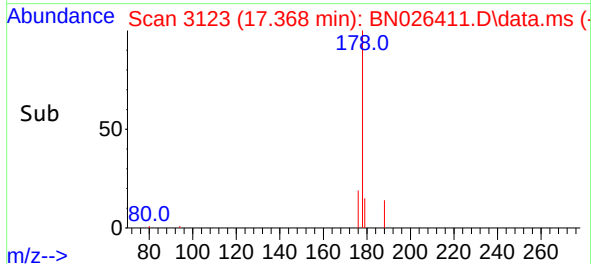
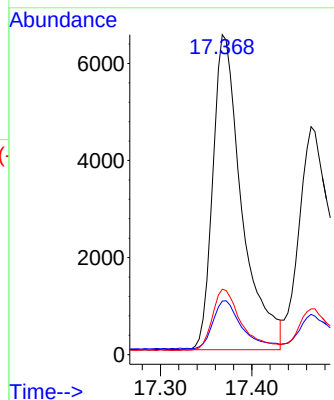
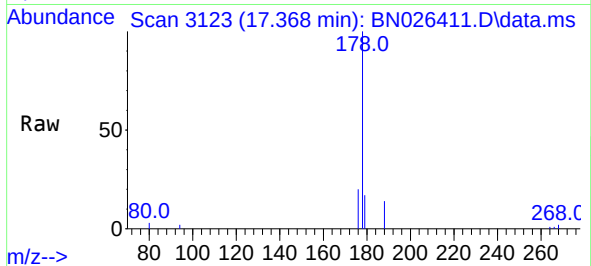




#15
Phenanthrene
Concen: 0.352 ng/ul
RT: 17.368 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BN026411.D
Acq: 09 Jul 2023 07:30

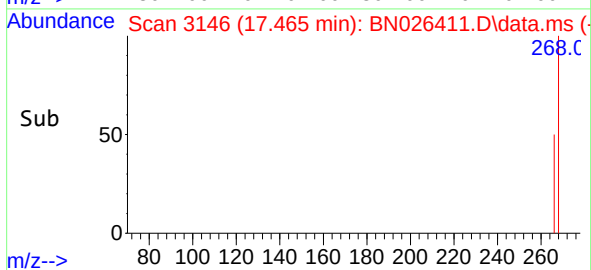
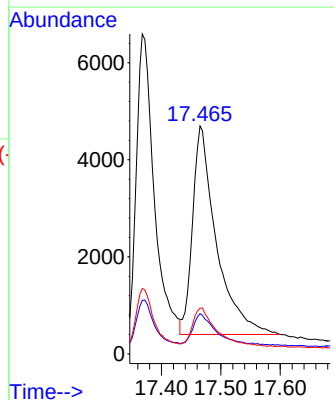
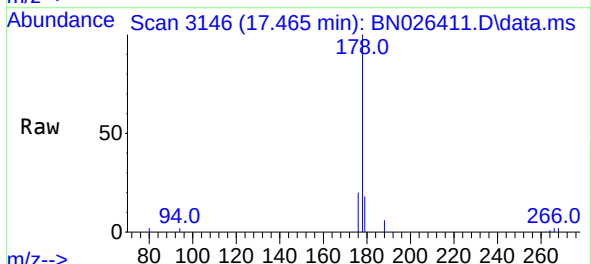
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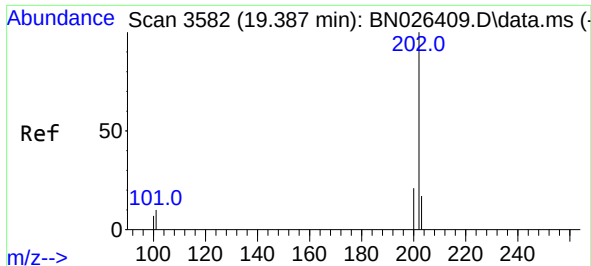
Tgt Ion:	178	Resp:	14299
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.6	19.0
176	20.4	15.8	23.6



#16
Anthracene
Concen: 0.330 ng/ul
RT: 17.465 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BN026411.D
Acq: 09 Jul 2023 07:30

Tgt Ion:	178	Resp:	11936
Ion Ratio	Lower	Upper	
178	100		
179	17.7	12.6	18.8
176	20.1	15.1	22.7

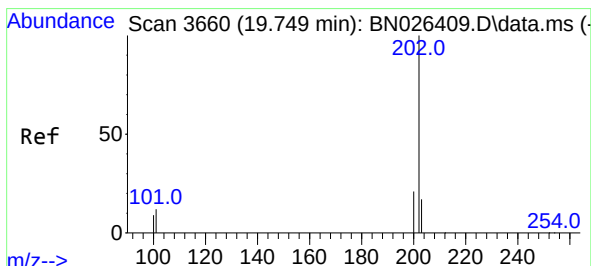
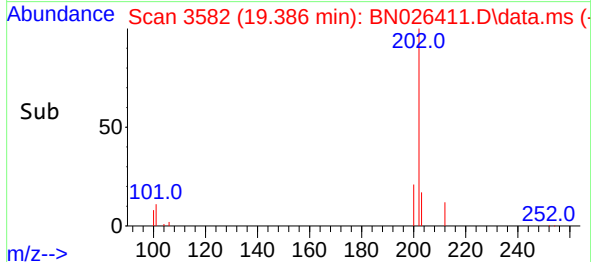
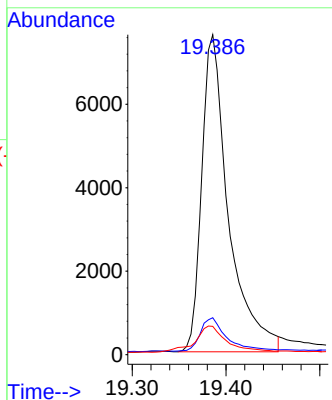
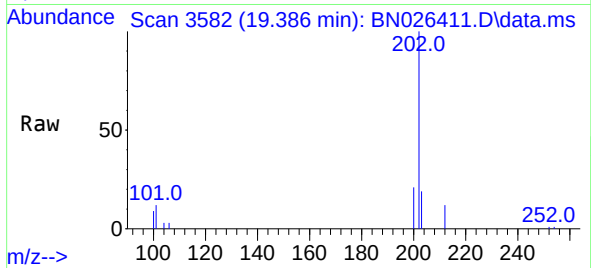




#19
Fluoranthene
Concen: 0.360 ng/ul
RT: 19.386 min Scan# 3582
Delta R.T. 0.000 min
Lab File: BN026411.D
Acq: 09 Jul 2023 07:30

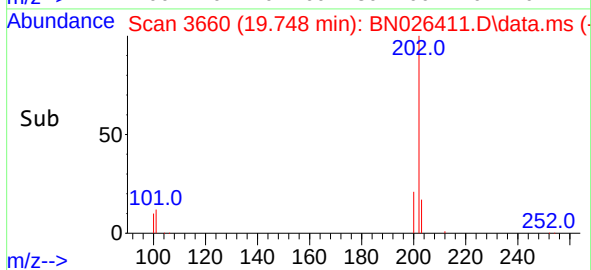
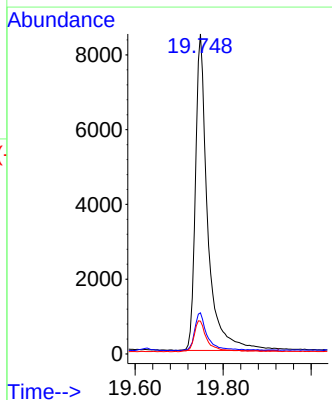
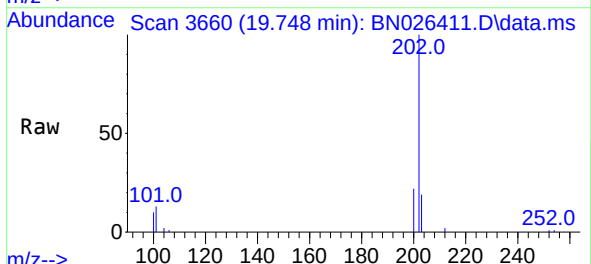
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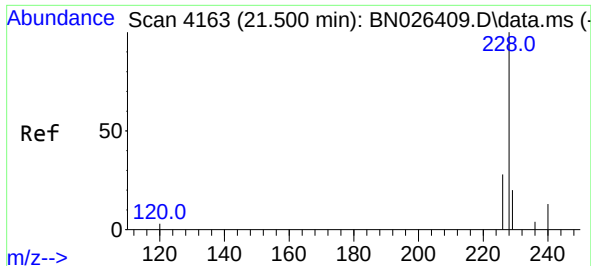
Tgt Ion:	202	Resp:	15077
Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.5	14.3
100	8.8	7.3	10.9



#20
Pyrene
Concen: 0.376 ng/ul
RT: 19.748 min Scan# 3660
Delta R.T. -0.004 min
Lab File: BN026411.D
Acq: 09 Jul 2023 07:30

Tgt Ion:	202	Resp:	16393
Ion	Ratio	Lower	Upper
202	100		
101	12.8	11.4	17.0
100	10.2	9.1	13.7

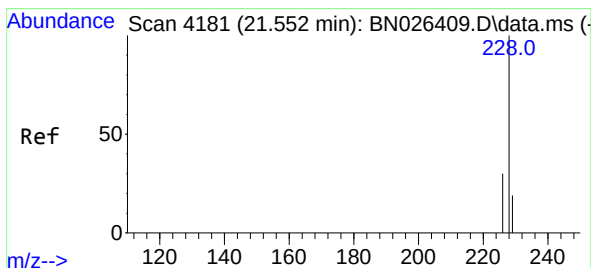
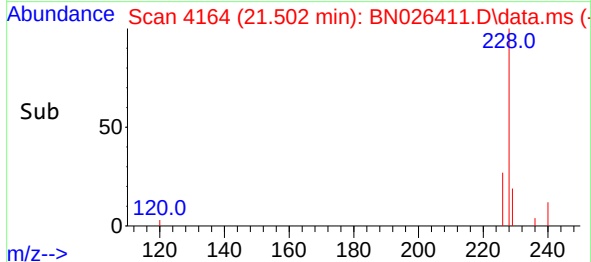
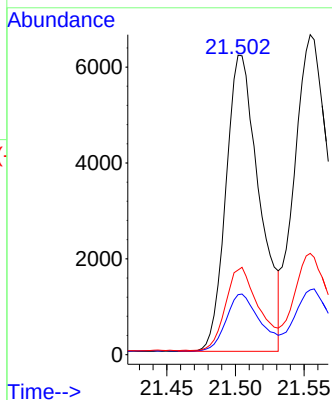
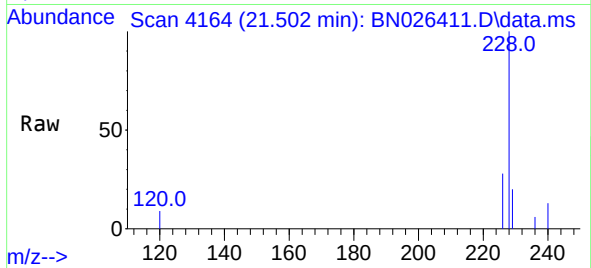




#21
Benzo(a)anthracene
Concen: 0.325 ng/ul
RT: 21.502 min Scan# 4164
Delta R.T. -0.009 min
Lab File: BN026411.D
Acq: 09 Jul 2023 07:30

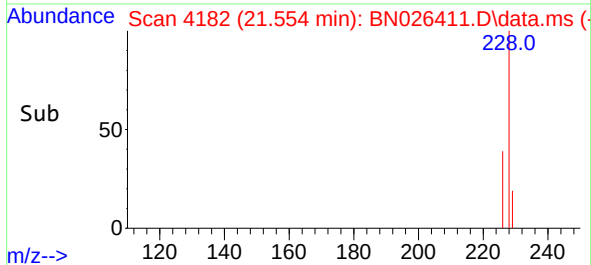
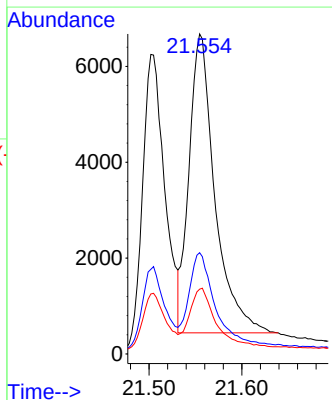
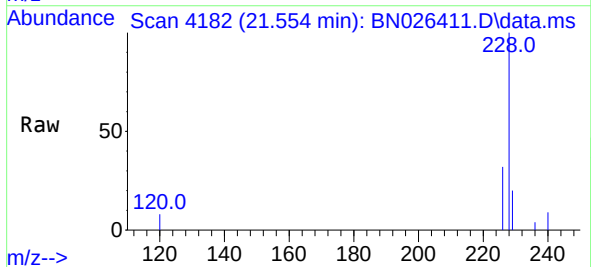
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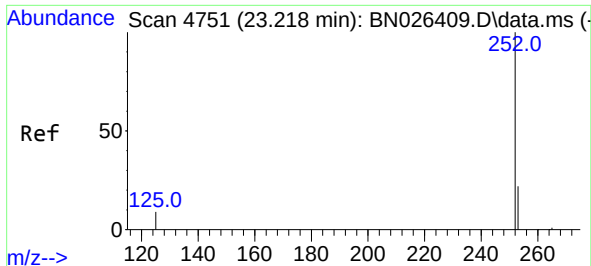
Tgt Ion:228 Resp: 10516
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.6
226 28.3 22.5 33.7



#22
Chrysene
Concen: 0.359 ng/ul
RT: 21.554 min Scan# 4182
Delta R.T. -0.009 min
Lab File: BN026411.D
Acq: 09 Jul 2023 07:30

Tgt Ion:228 Resp: 12078
Ion Ratio Lower Upper
228 100
226 31.6 24.8 37.2
229 20.2 15.7 23.5

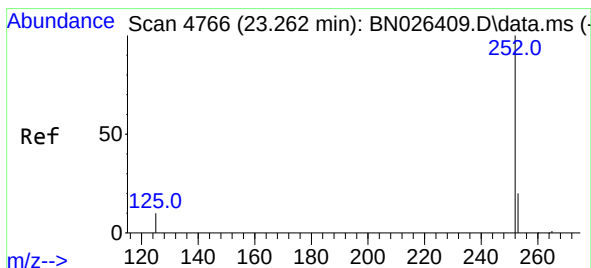
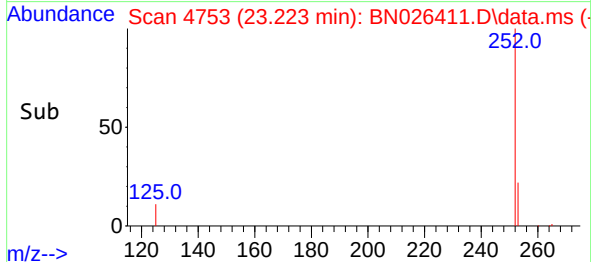
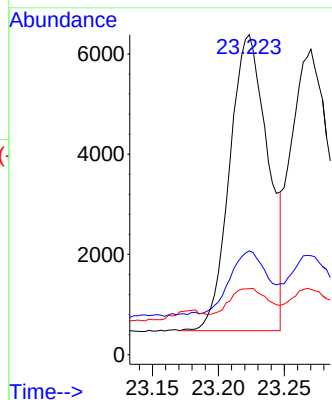
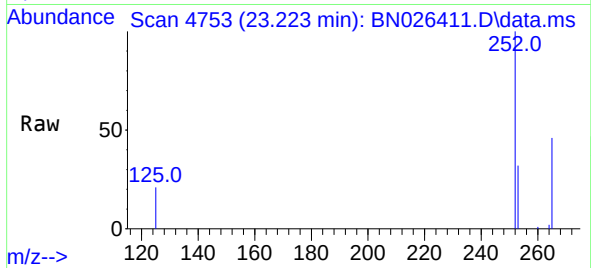




#24
Benzo(b)fluoranthene
Concen: 0.368 ng/ul
RT: 23.223 min Scan# 4753
Delta R.T. -0.003 min
Lab File: BN026411.D
Acq: 09 Jul 2023 07:30

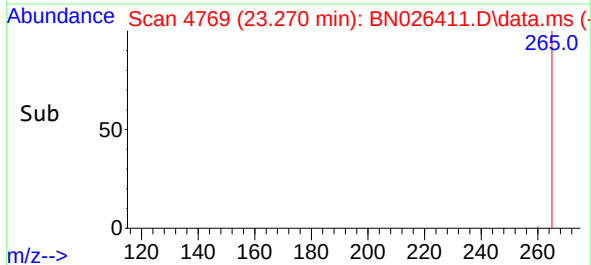
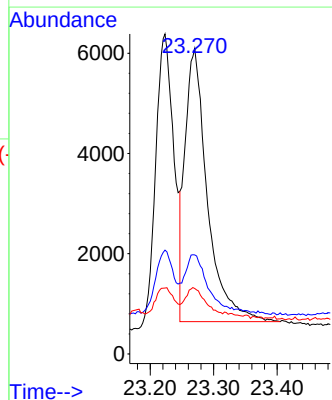
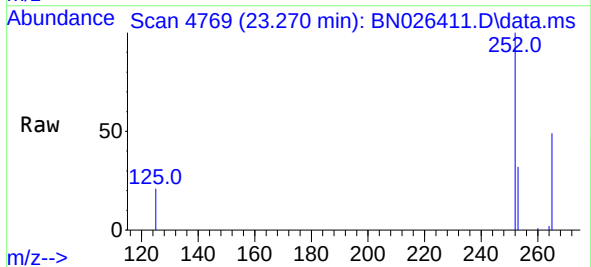
Instrument :
BNA_N
ClientSampleId :
SLCS886

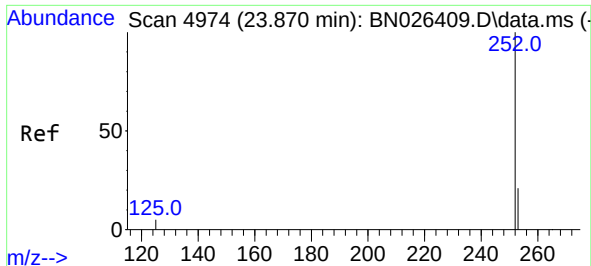
Tgt Ion:252 Resp: 11947
Ion Ratio Lower Upper
252 100
253 32.4 0.0 55.6
125 20.6 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.408 ng/ul
RT: 23.270 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BN026411.D
Acq: 09 Jul 2023 07:30

Tgt Ion:252 Resp: 13305
Ion Ratio Lower Upper
252 100
253 32.4 23.2 34.8
125 21.4 15.0 22.4

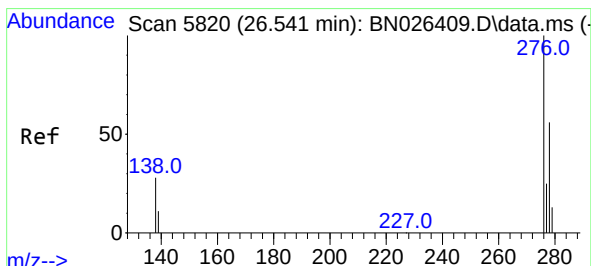
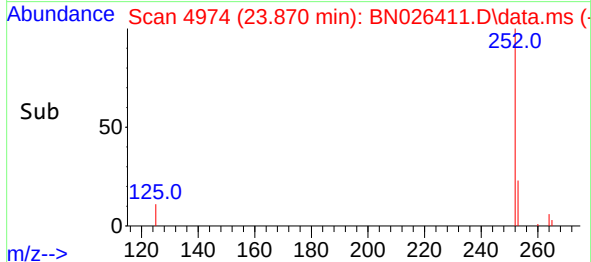
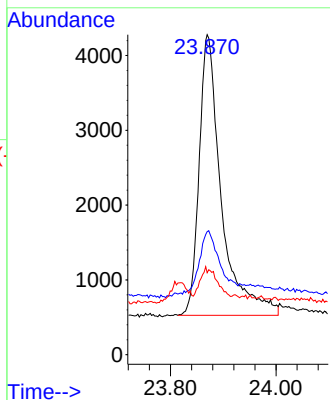
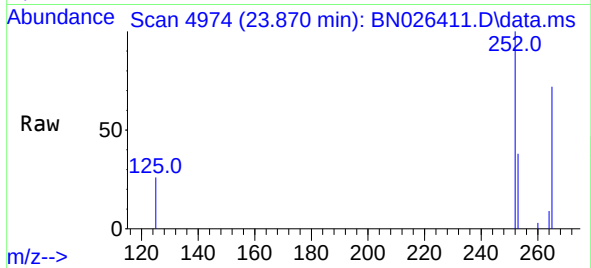




#26
Benzo(a)pyrene
Concen: 0.389 ng/ul
RT: 23.870 min Scan# 4974
Delta R.T. 0.003 min
Lab File: BN026411.D
Acq: 09 Jul 2023 07:30

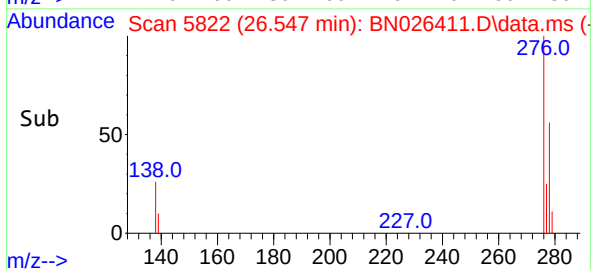
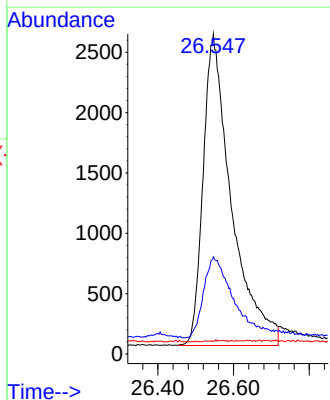
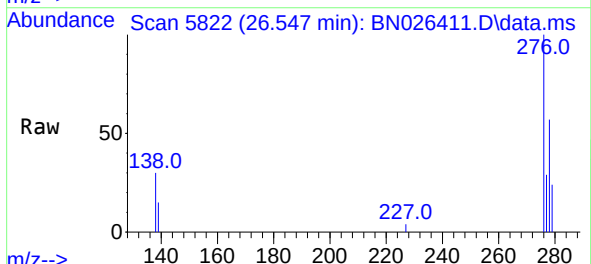
Instrument :
BNA_N
ClientSampleId :
SLCS886

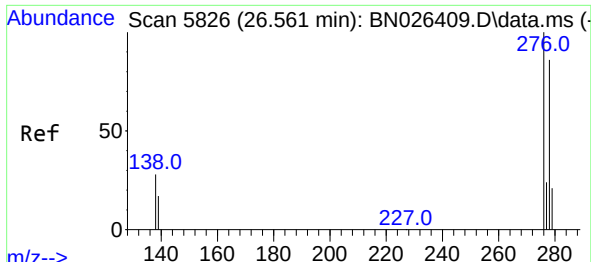
Tgt Ion:	252	Resp:	10973
Ion	Ratio	Lower	Upper
252	100		
253	38.4	26.0	39.0
125	25.6	17.3	25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng/ul
RT: 26.547 min Scan# 5822
Delta R.T. 0.020 min
Lab File: BN026411.D
Acq: 09 Jul 2023 07:30

Tgt Ion:	276	Resp:	13418
Ion	Ratio	Lower	Upper
276	100		
138	27.8	24.5	36.7
227	0.0	0.0	0.0

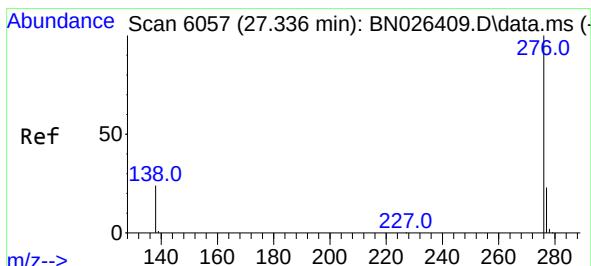
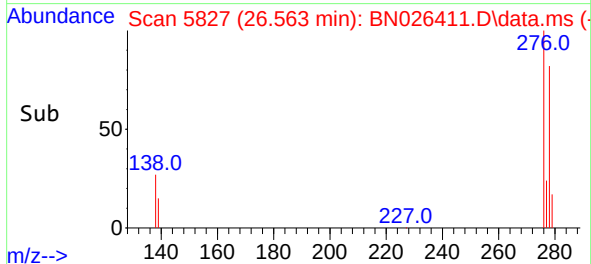
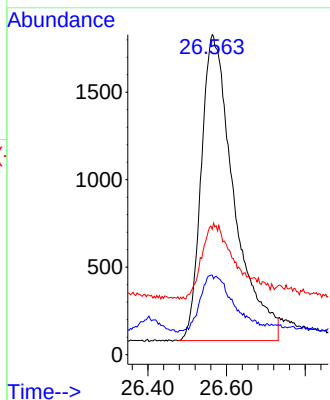
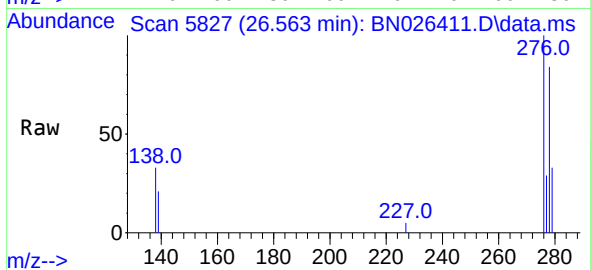




#28
Dibenzo(a,h)anthracene
Concen: 0.432 ng/ul
RT: 26.563 min Scan# 5827
Delta R.T. 0.024 min
Lab File: BN026411.D
Acq: 09 Jul 2023 07:30

Instrument :
BNA_N
ClientSampleId :
SLCS886

Tgt Ion:278 Resp: 10069
Ion Ratio Lower Upper
278 100
139 24.8 19.0 28.4
279 39.2 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.439 ng/ul
RT: 27.338 min Scan# 6058
Delta R.T. 0.024 min
Lab File: BN026411.D
Acq: 09 Jul 2023 07:30

Tgt Ion:276 Resp: 12034
Ion Ratio Lower Upper
276 100
138 28.9 23.4 35.0
277 26.5 20.0 30.0

