

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
 Data File : BN023198.D
 Acq On : 14 Dec 2022 12:36
 Operator : CG/JU
 Sample : N5948-10MSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EXZ94MSD

Quant Time: Dec 14 23:19:52 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 23:52:47 2022
 Response via : Initial Calibration

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

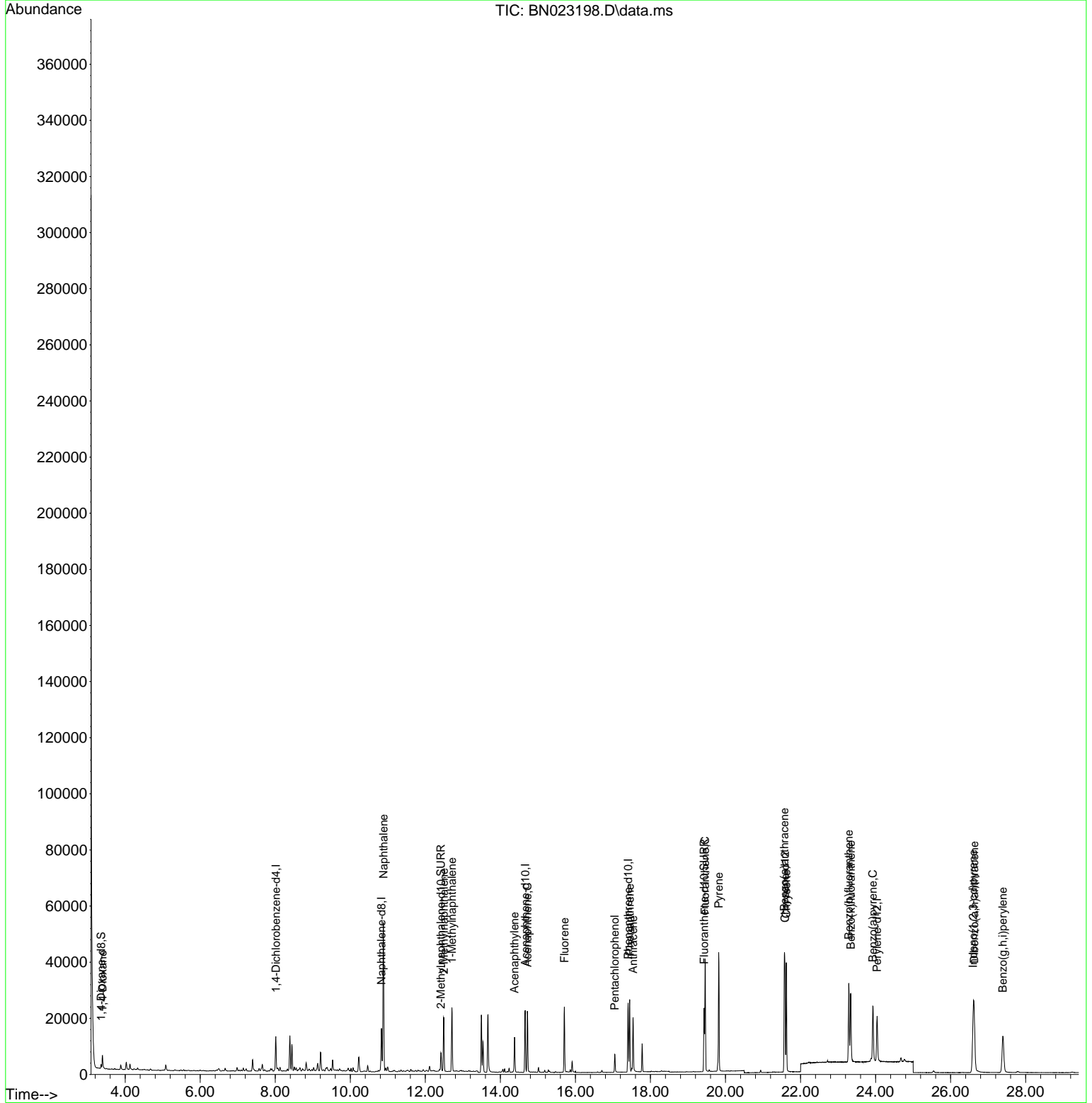
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	6088	0.400	ng/ul	0.00
4) Naphthalene-d8	10.832	136	19885	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.659	164	11817	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.403	188	27096	0.400	ng/ul	0.00
17) Chrysene-d12	21.584	240	26296	0.400	ng/ul	0.00
23) Perylene-d12	24.042	264	22764	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	1027	0.141	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.416	152	8370	0.276	ng/ul	0.00
18) Fluoranthene-d10	19.429	212	23603	0.243	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.395	88	3468	0.455	ng/ul	94
5) Naphthalene	10.881	128	69021	1.144	ng/ul	99
7) 2-Methylnaphthalene	12.492	142	13505	0.358	ng/ul	99
8) 1-Methylnaphthalene	12.707	142	14895	0.388	ng/ul	100
10) Acenaphthylene	14.377	152	14093	0.242	ng/ul	99
11) Acenaphthene	14.719	153	12147	0.263	ng/ul	99
12) Fluorene	15.705	166	14588	0.279	ng/ul	99
14) Pentachlorophenol	17.048	266	4171	0.736	ng/ul#	100
15) Phenanthrene	17.445	178	26145	0.281	ng/ul	99
16) Anthracene	17.538	178	21633	0.271	ng/ul	100
19) Fluoranthene	19.457	202	32808	0.241	ng/ul	97
20) Pyrene	19.820	202	33939	0.255	ng/ul	96
21) Benzo(a)anthracene	21.569	228	32430	0.323	ng/ul	99
22) Chrysene	21.622	228	33531	0.304	ng/ul	99
24) Benzo(b)fluoranthene	23.288	252	34886	0.302	ng/ul	95
25) Benzo(k)fluoranthene	23.337	252	33363	0.274	ng/ul	98
26) Benzo(a)pyrene	23.928	252	29036	0.330	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.600	276	37147	0.356	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.627	278	29385	0.354	ng/ul	99
29) Benzo(g,h,i)perylene	27.392	276	29506	0.324	ng/ul	100

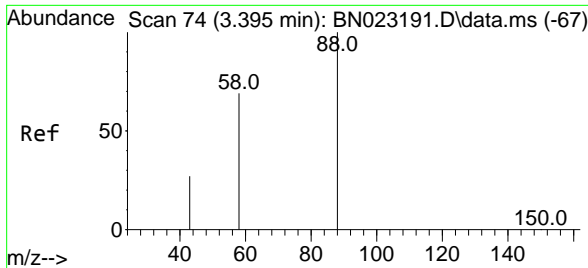
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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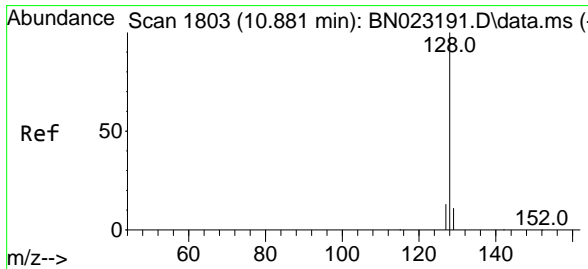
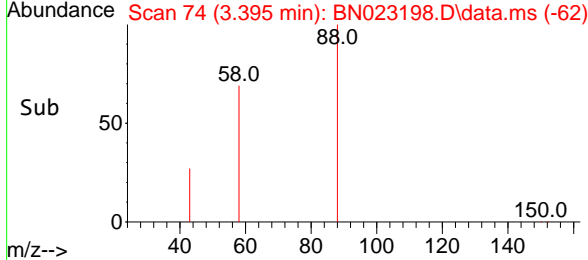
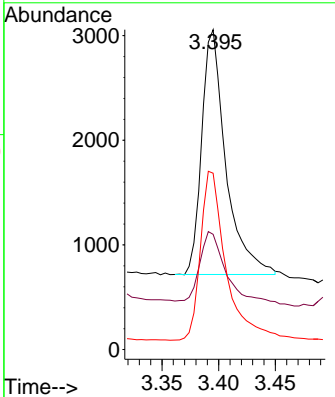
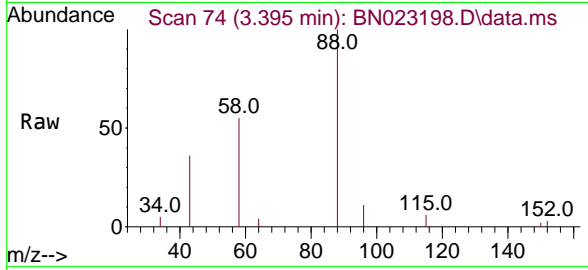


#2
 1,4-Dioxane
 Concen: 0.455 ng/ul
 RT: 3.395 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36

Instrument : BNA_N
 ClientSampleId : EXZ94MSD

Tgt Ion: 88 Resp: 3468

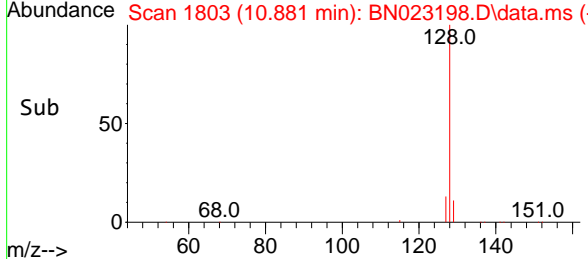
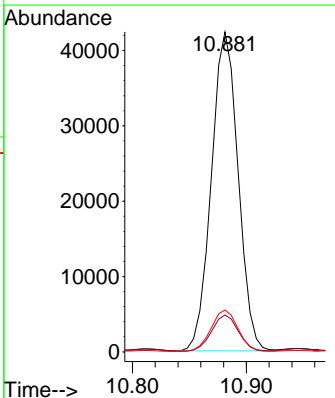
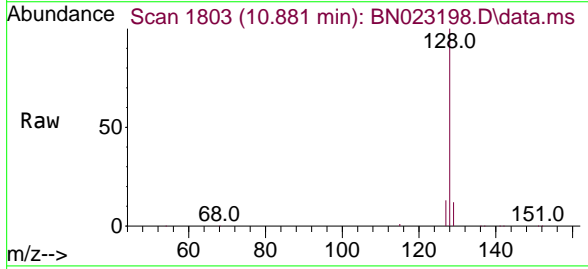
Ion	Ratio	Lower	Upper
88	100		
43	36.0	26.2	39.4
58	55.1	47.6	71.4

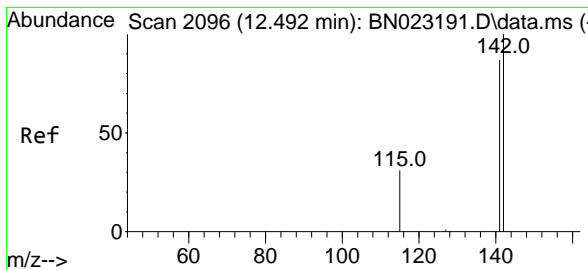


#5
 Naphthalene
 Concen: 1.144 ng/ul
 RT: 10.881 min Scan# 1803
 Delta R.T. 0.000 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36

Tgt Ion: 128 Resp: 69021

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.1	10.6	16.0

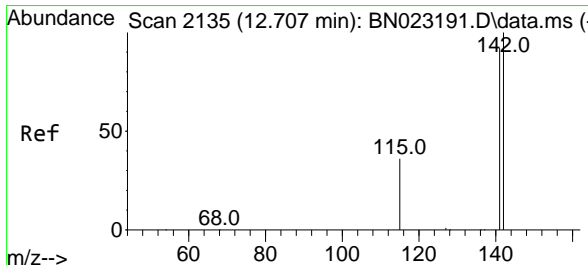
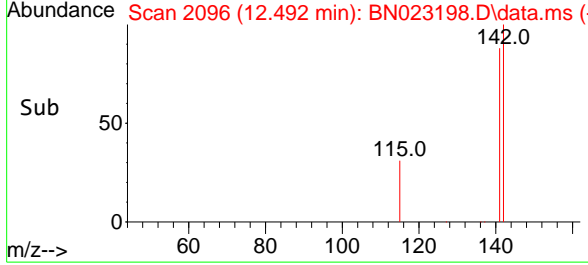
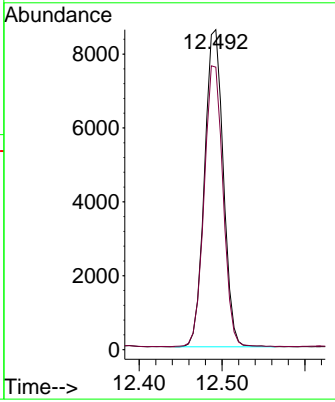
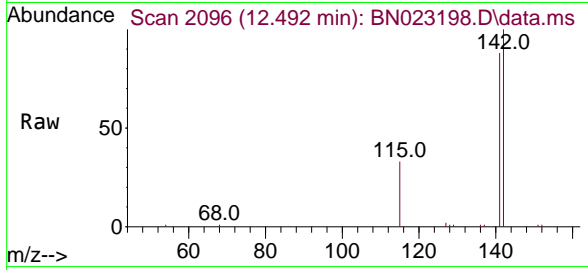




#7
 2-Methylnaphthalene
 Concen: 0.358 ng/u1
 RT: 12.492 min Scan# 2096
 Delta R.T. 0.000 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36

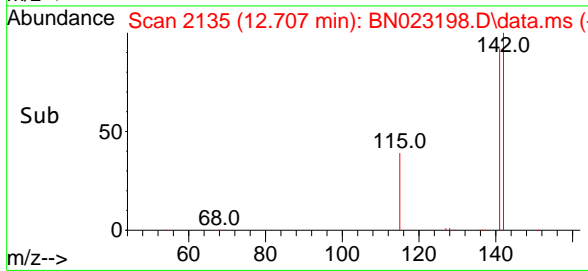
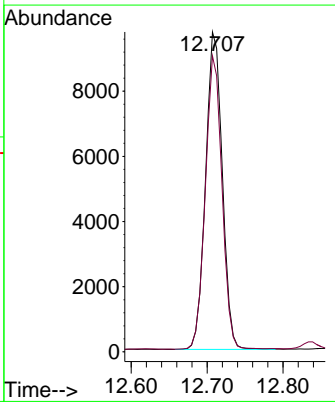
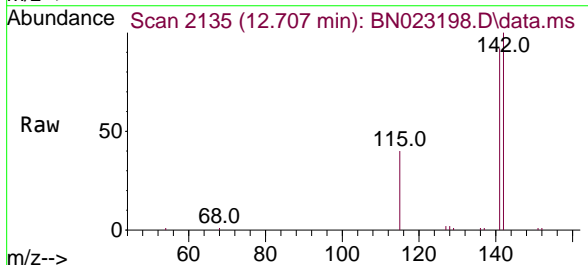
Instrument : BNA_N
 ClientSampleId : EXZ94MSD

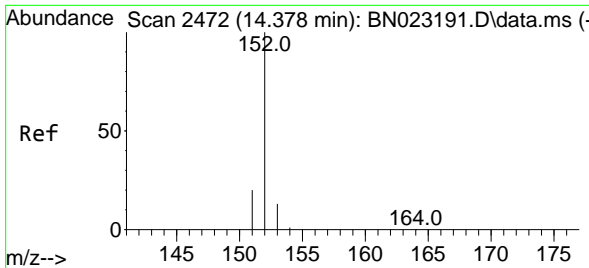
Tgt Ion:142 Resp: 13505
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.6 107.4



#8
 1-Methylnaphthalene
 Concen: 0.388 ng/u1
 RT: 12.707 min Scan# 2135
 Delta R.T. -0.005 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36

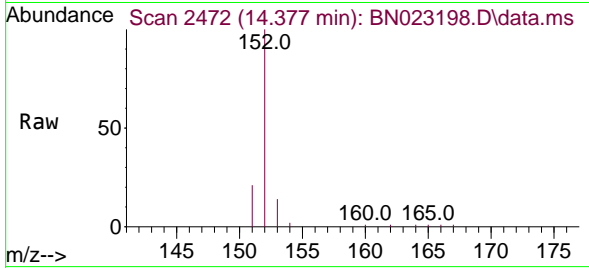
Tgt Ion:142 Resp: 14895
 Ion Ratio Lower Upper
 142 100
 141 92.0 73.8 110.6





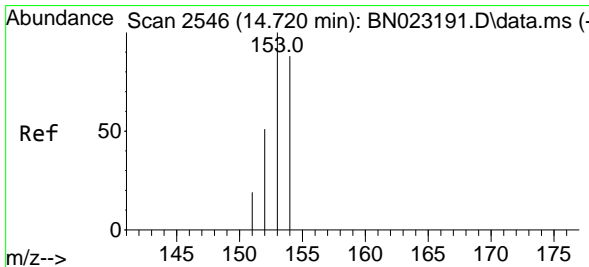
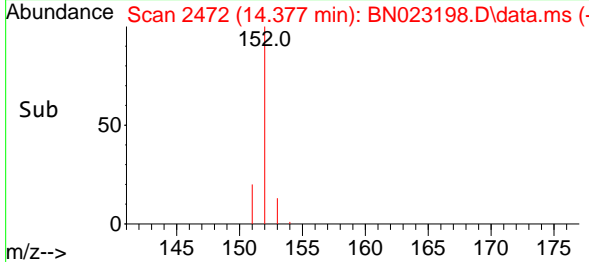
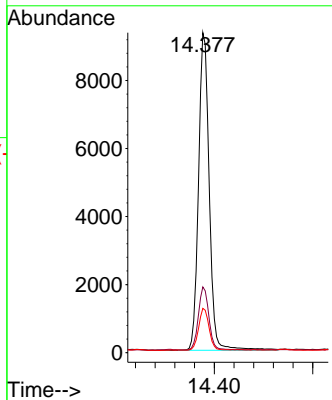
#10
 Acenaphthylene
 Concen: 0.242 ng/u1
 RT: 14.377 min Scan# 2472
 Delta R.T. -0.005 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36

Instrument :
 BNA_N
 ClientSampleId :
 EXZ94MSD

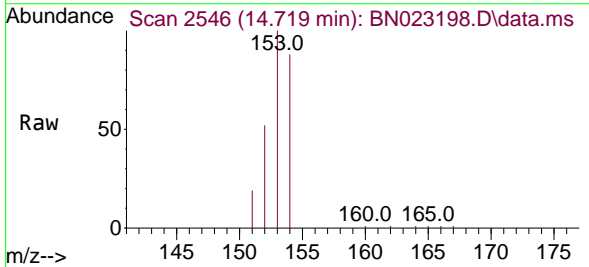


Tgt Ion:152 Resp: 14093

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.0	24.0
153	13.8	10.5	15.7

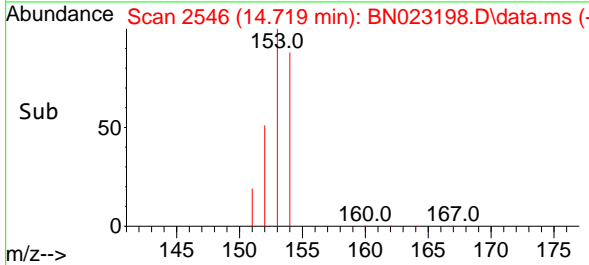
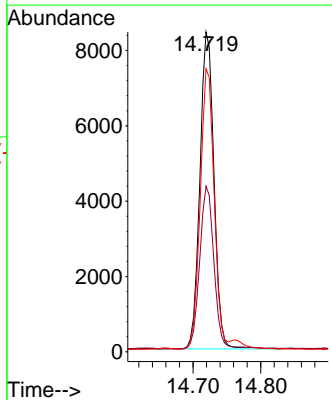


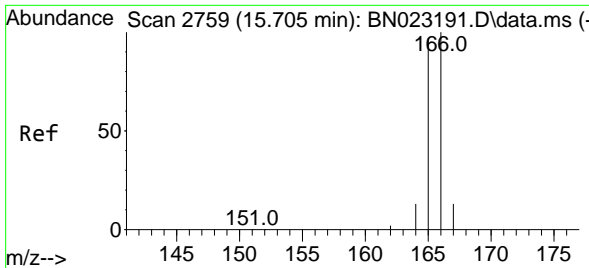
#11
 Acenaphthene
 Concen: 0.263 ng/u1
 RT: 14.719 min Scan# 2546
 Delta R.T. -0.005 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36



Tgt Ion:153 Resp: 12147

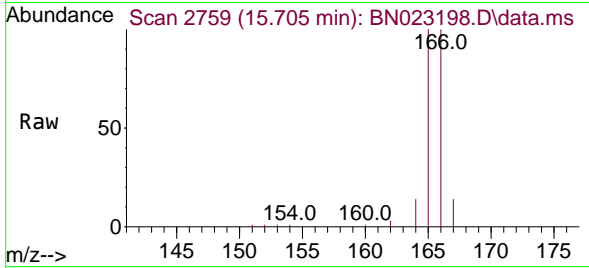
Ion	Ratio	Lower	Upper
153	100		
152	51.8	41.8	62.8
154	88.5	71.3	106.9





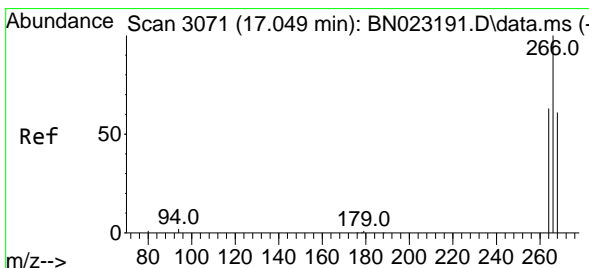
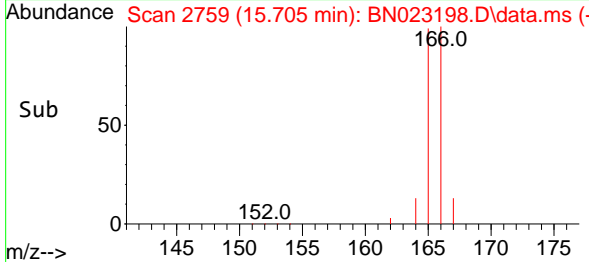
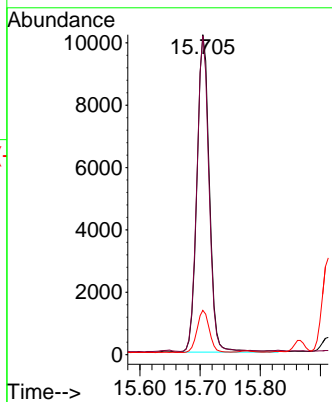
#12
 Fluorene
 Concen: 0.279 ng/uI
 RT: 15.705 min Scan# 2759
 Delta R.T. -0.005 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36

Instrument : BNA_N
 ClientSampleId : EXZ94MSD



Tgt Ion:166 Resp: 14588

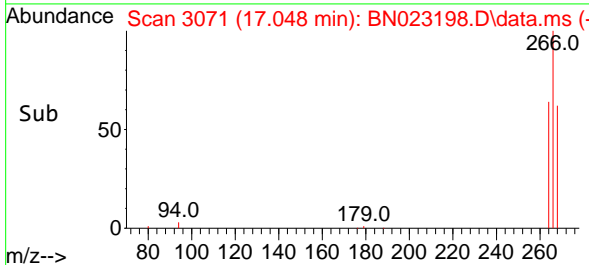
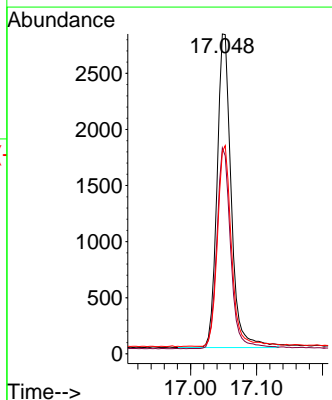
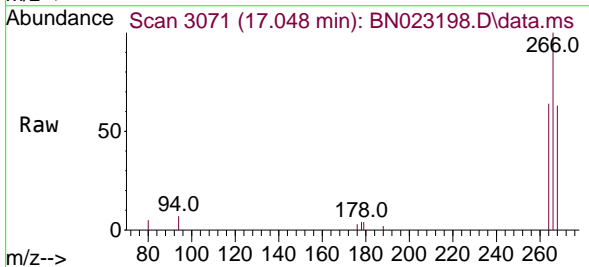
Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.7	118.1
167	13.8	10.8	16.2

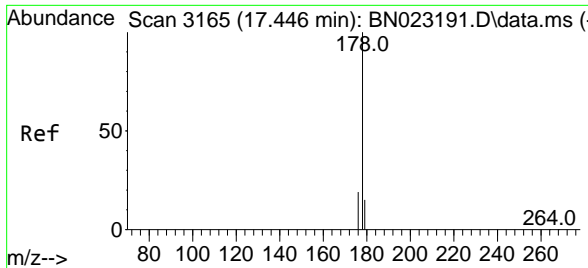


#14
 Pentachlorophenol
 Concen: 0.736 ng/uI
 RT: 17.048 min Scan# 3071
 Delta R.T. -0.004 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36

Tgt Ion:266 Resp: 4171

Ion	Ratio	Lower	Upper
266	100		
264	63.3	0.0	0.0#
268	63.5	0.0	0.0#

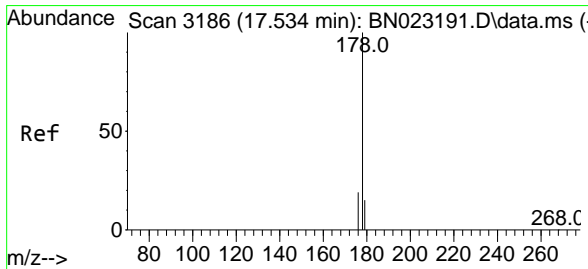
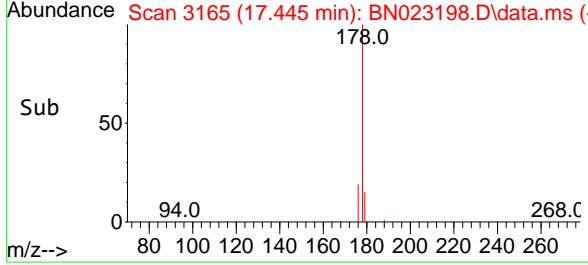
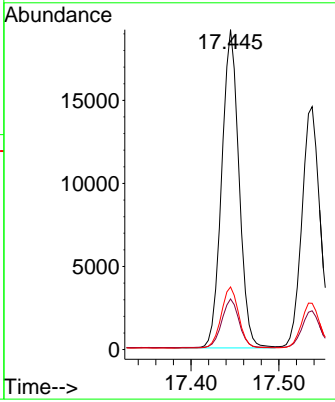
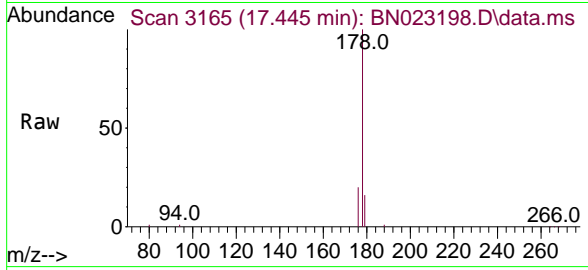




#15
 Phenanthrene
 Concen: 0.281 ng/u1
 RT: 17.445 min Scan# 3165
 Delta R.T. -0.004 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36

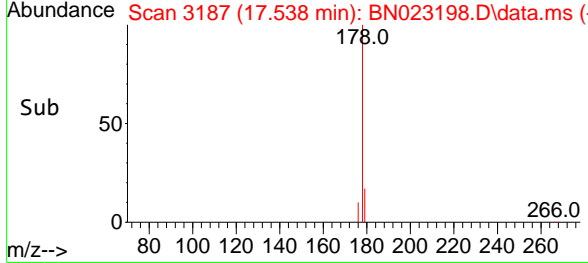
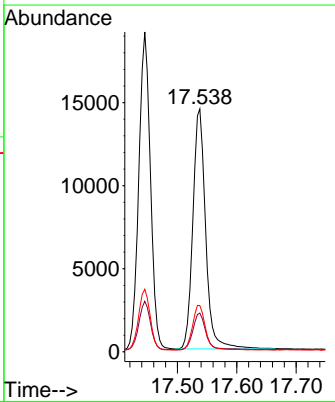
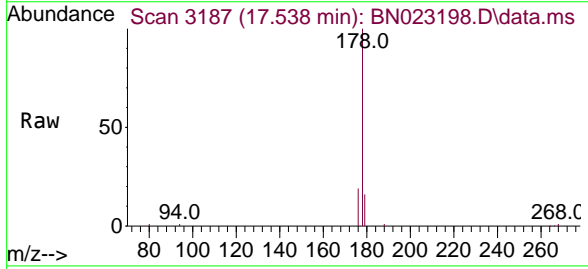
Instrument : BNA_N
 ClientSampleId : EXZ94MSD

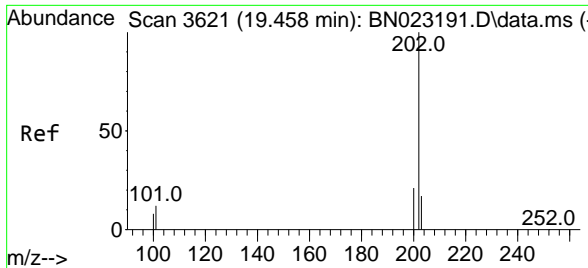
Tgt Ion	Resp	Lower	Upper
178	100		
179	15.8	12.5	18.7
176	19.6	15.9	23.9



#16
 Anthracene
 Concen: 0.271 ng/u1
 RT: 17.538 min Scan# 3187
 Delta R.T. 0.000 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36

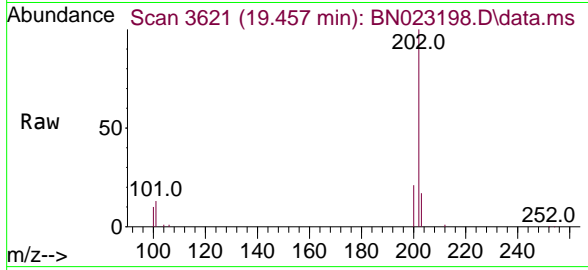
Tgt Ion	Resp	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	19.1	15.3	22.9





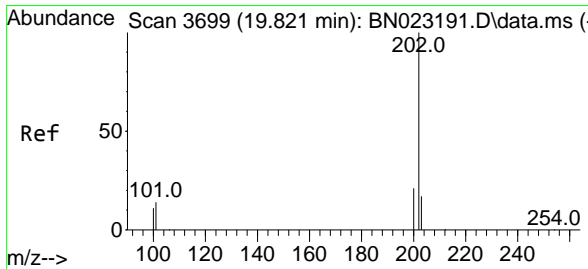
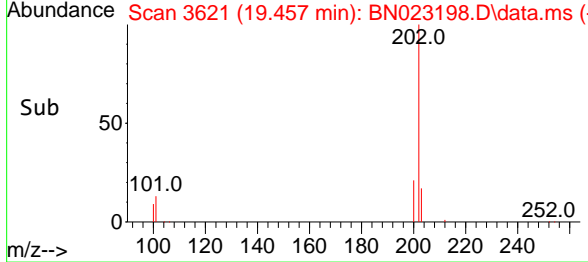
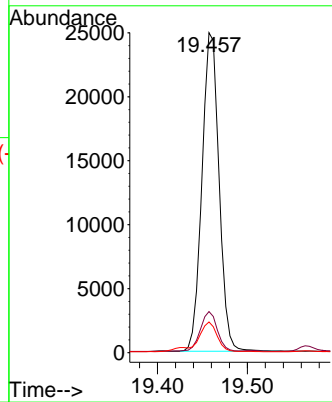
#19
 Fluoranthene
 Concen: 0.241 ng/u1
 RT: 19.457 min Scan# 3621
 Delta R.T. -0.005 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36

Instrument : BNA_N
 ClientSampleId : EXZ94MSD



Tgt Ion:202 Resp: 32808

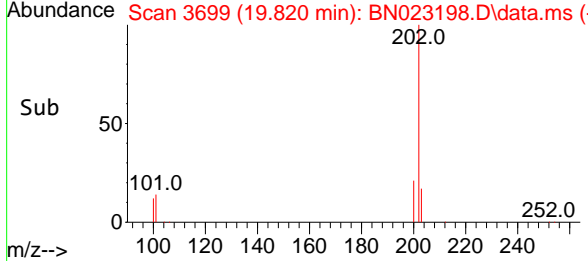
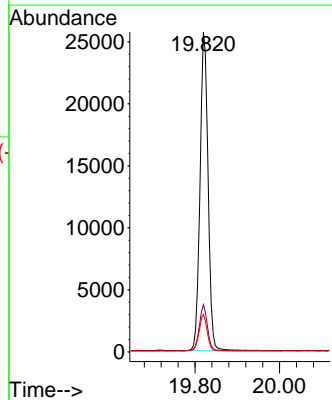
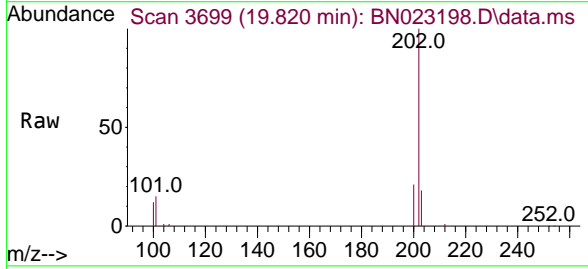
Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.2	13.8
100	9.6	6.9	10.3

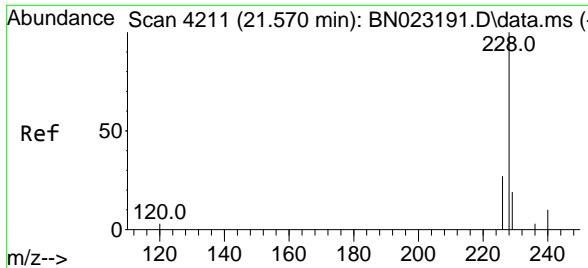


#20
 Pyrene
 Concen: 0.255 ng/u1
 RT: 19.820 min Scan# 3699
 Delta R.T. -0.005 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36

Tgt Ion:202 Resp: 33939

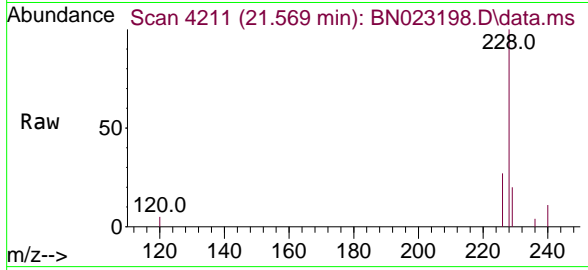
Ion	Ratio	Lower	Upper
202	100		
101	14.8	10.6	16.0
100	11.7	8.2	12.4





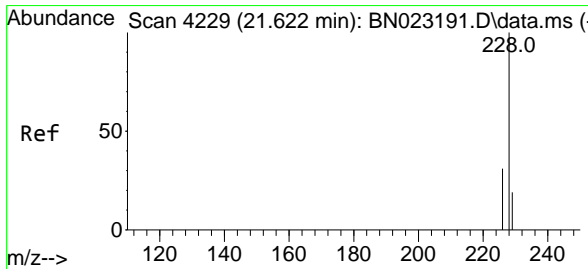
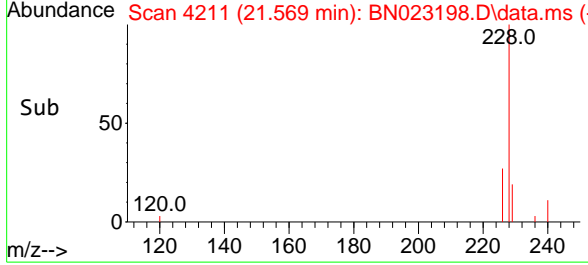
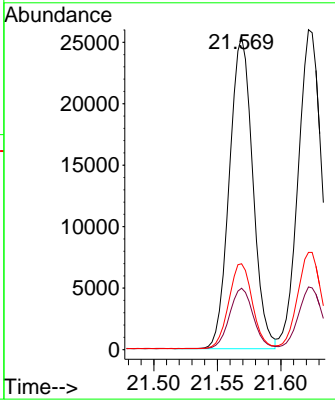
#21
 Benzo(a)anthracene
 Concen: 0.323 ng/u1
 RT: 21.569 min Scan# 4211
 Delta R.T. -0.003 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36

Instrument : BNA_N
 ClientSampleId : EXZ94MSD



Tgt Ion:228 Resp: 32430

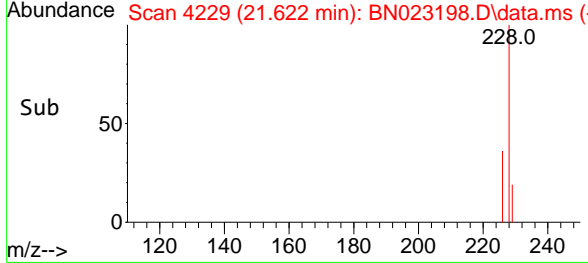
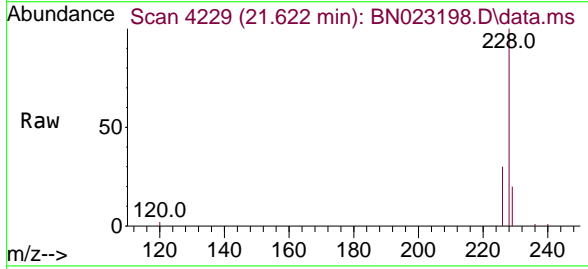
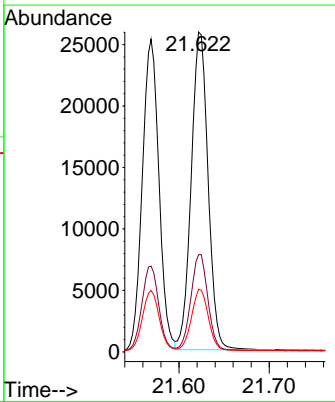
Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.5	23.3
226	27.4	22.2	33.4

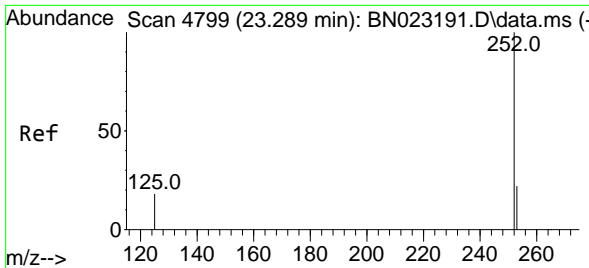


#22
 Chrysene
 Concen: 0.304 ng/u1
 RT: 21.622 min Scan# 4229
 Delta R.T. -0.006 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36

Tgt Ion:228 Resp: 33531

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	19.6	15.8	23.8

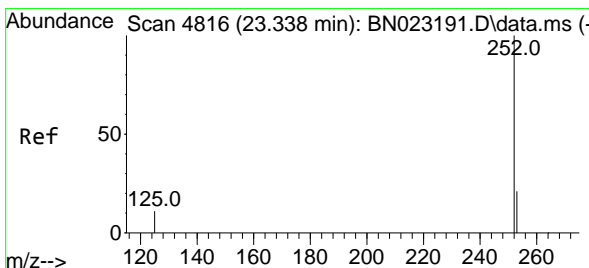
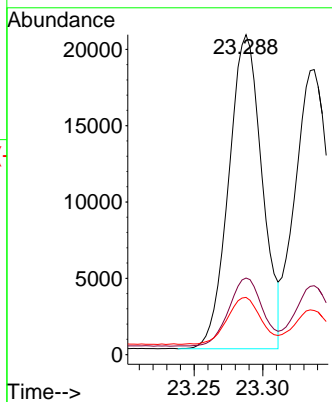
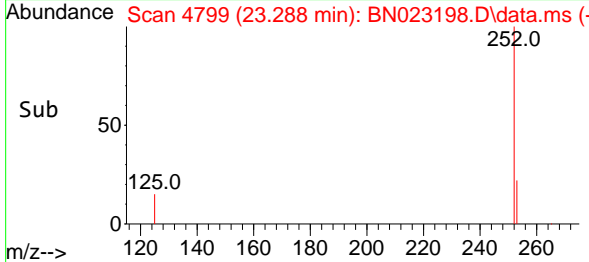
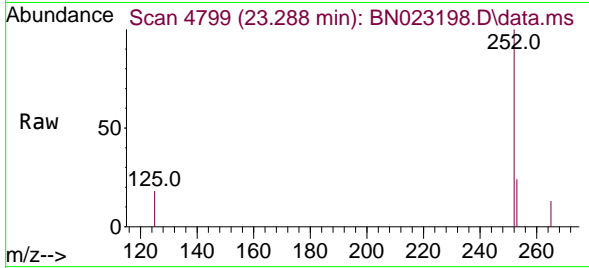




#24
 Benzo(b)fluoranthene
 Concen: 0.302 ng/u1
 RT: 23.288 min Scan# 4799
 Delta R.T. -0.003 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36

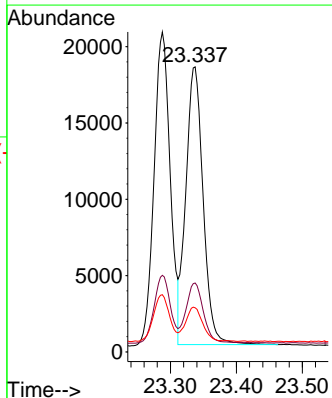
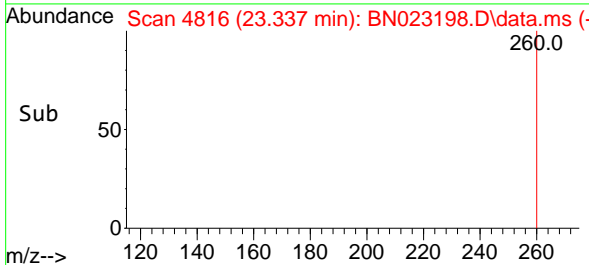
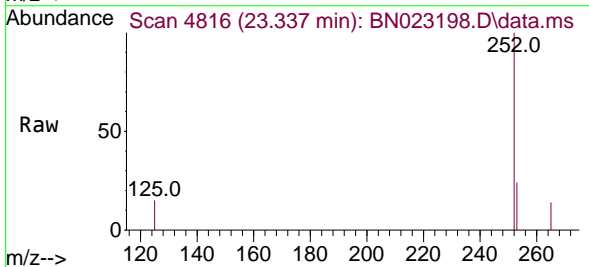
Instrument : BNA_N
 ClientSampleId : EXZ94MSD

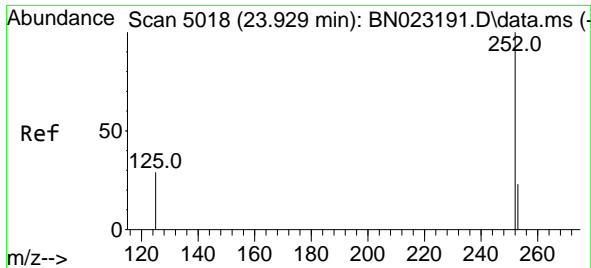
Tgt Ion	Resp	Lower	Upper
252	34886		
252	100		
253	23.9	0.0	46.0
125	17.9	0.0	28.6



#25
 Benzo(k)fluoranthene
 Concen: 0.274 ng/u1
 RT: 23.337 min Scan# 4816
 Delta R.T. -0.003 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36

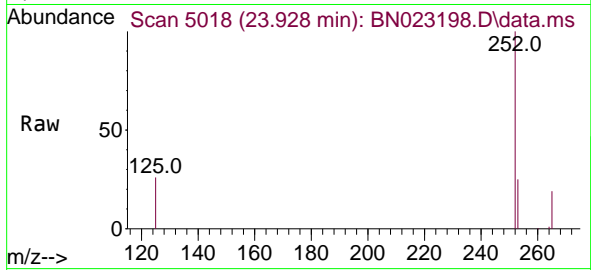
Tgt Ion	Resp	Lower	Upper
252	33363		
252	100		
253	24.2	18.7	28.1
125	15.4	11.3	16.9



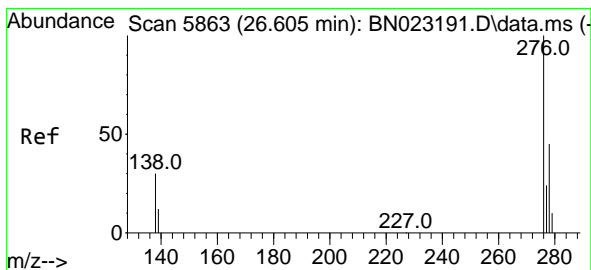
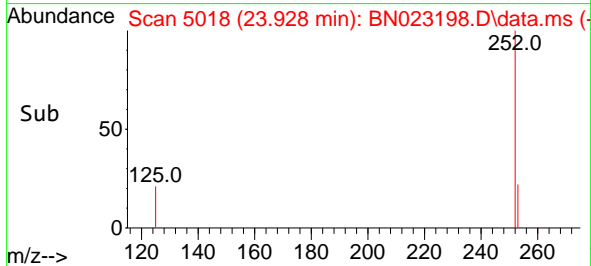
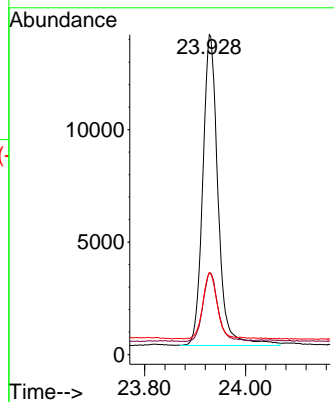


#26
 Benzo(a)pyrene
 Concen: 0.330 ng/u1
 RT: 23.928 min Scan# 5018
 Delta R.T. -0.006 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36

Instrument :
 BNA_N
 ClientSampleId :
 EXZ94MSD

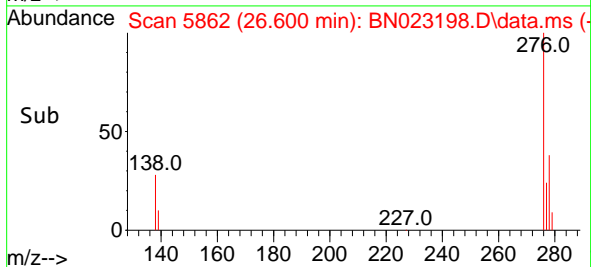
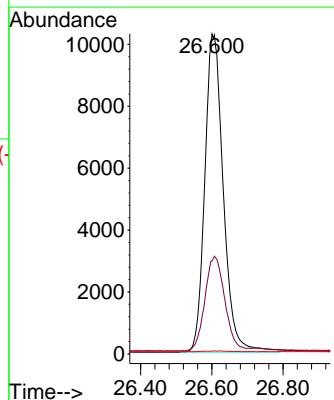
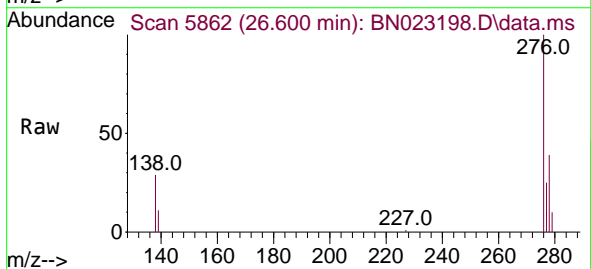


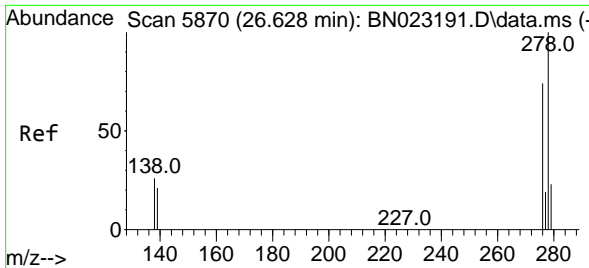
Tgt Ion:252 Resp: 29036
 Ion Ratio Lower Upper
 252 100
 253 25.4 19.7 29.5
 125 25.7 13.7 20.5#



#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.356 ng/u1
 RT: 26.600 min Scan# 5862
 Delta R.T. -0.010 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36

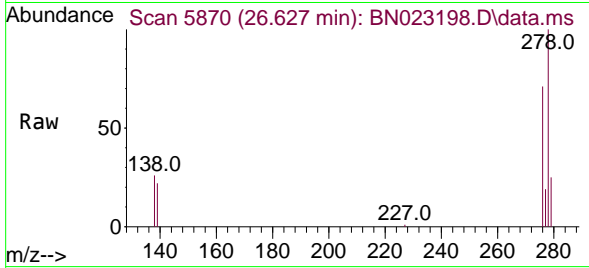
Tgt Ion:276 Resp: 37147
 Ion Ratio Lower Upper
 276 100
 138 32.7 0.0 0.0#
 227 0.3 0.0 0.0#



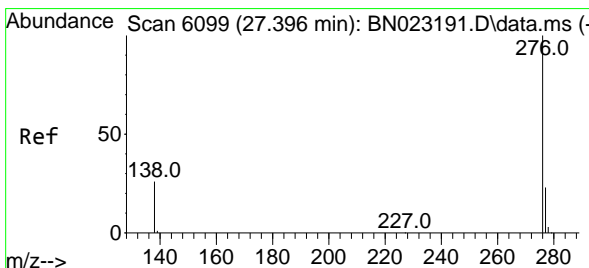
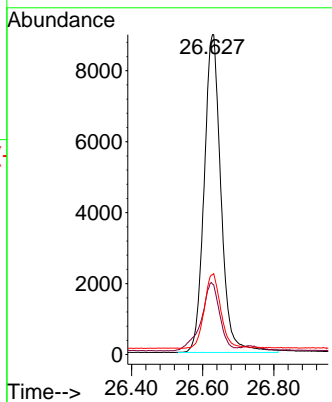
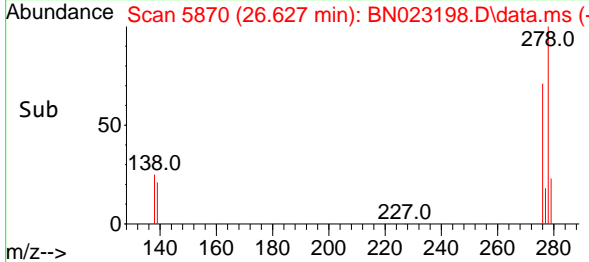


#28
 Dibenzo(a,h)anthracene
 Concen: 0.354 ng/ul
 RT: 26.627 min Scan# 5870
 Delta R.T. -0.003 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36

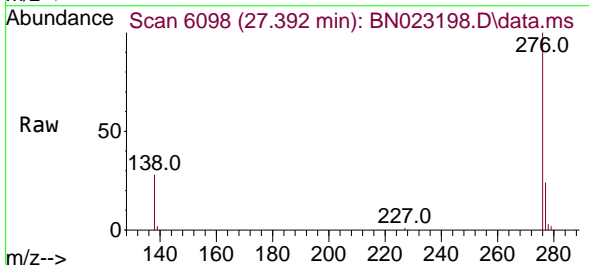
Instrument : BNA_N
 ClientSampleId : EXZ94MSD



Tgt Ion:278 Resp: 29385
 Ion Ratio Lower Upper
 278 100
 139 22.1 18.3 27.5
 279 24.9 20.4 30.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.324 ng/ul
 RT: 27.392 min Scan# 6098
 Delta R.T. -0.010 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36



Tgt Ion:276 Resp: 29506
 Ion Ratio Lower Upper
 276 100
 138 27.6 22.1 33.1
 277 23.8 19.4 29.2

