

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
 Data File : BN023166.D
 Acq On : 13 Dec 2022 15:50
 Operator : CG/JU
 Sample : N5927-17MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EXZA2MSD

Quant Time: Dec 13 23:59:16 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

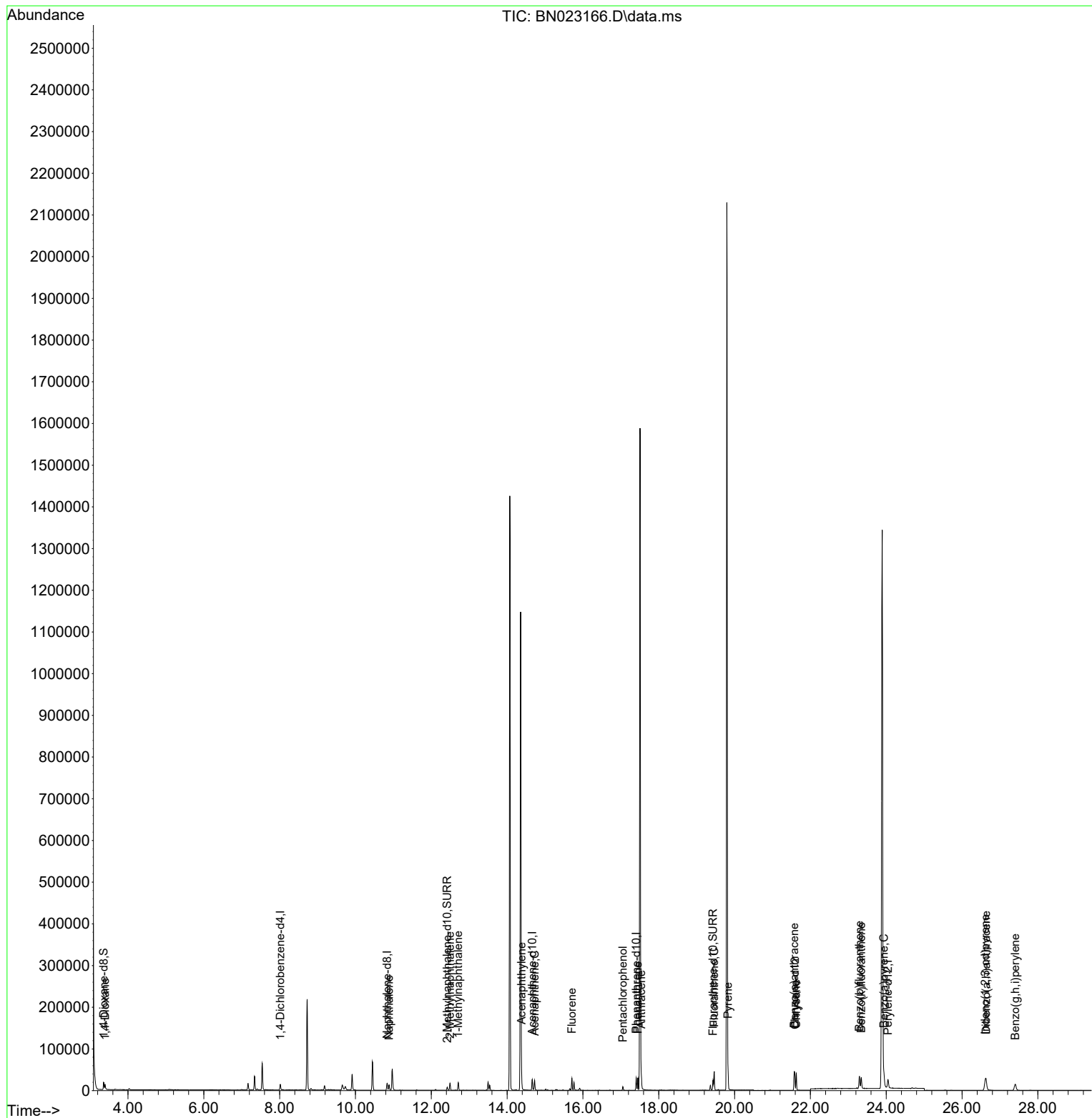
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	6674	0.400	ng/ul	0.00
4) Naphthalene-d8	10.837	136	22269	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.664	164	14439	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.407	188	32405	0.400	ng/ul	0.00
17) Chrysene-d12	21.590	240	30200	0.400	ng/ul	0.00
23) Perylene-d12	24.045	264	28405	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	12196	1.523	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.421	152	9167	0.270	ng/ul	0.00
18) Fluoranthene-d10	19.430	212	24434	0.219	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.395	88	7765	0.930	ng/ul#	90
5) Naphthalene	10.887	128	17472	0.259	ng/ul	100
7) 2-Methylnaphthalene	12.493	142	11075	0.262	ng/ul	100
8) 1-Methylnaphthalene	12.713	142	11955	0.278	ng/ul	100
10) Acenaphthylene	14.382	152	19273	0.271	ng/ul	99
11) Acenaphthene	14.724	153	13246	0.235	ng/ul	98
12) Fluorene	15.709	166	16829	0.264	ng/ul	99
14) Pentachlorophenol	17.052	266	5142	0.759	ng/ul#	100
15) Phenanthrene	17.449	178	30297	0.272	ng/ul	100
16) Anthracene	17.538	178	28625	0.300	ng/ul	99
19) Fluoranthene	19.462	202	35938	0.230	ng/ul	99
20) Pyrene	19.825	202	39480	0.258	ng/ul	98
21) Benzo(a)anthracene	21.572	228	34161	0.296	ng/ul	99
22) Chrysene	21.628	228	34553	0.273	ng/ul	99
24) Benzo(b)fluoranthene	23.291	252	37250	0.259	ng/ul	93
25) Benzo(k)fluoranthene	23.340	252	35768	0.235	ng/ul	97
26) Benzo(a)pyrene	23.940	252	33017	0.301	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.614	276	41582	0.319	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.634	278	32771	0.317	ng/ul	98
29) Benzo(g,h,i)perylene	27.402	276	32964	0.290	ng/ul	100

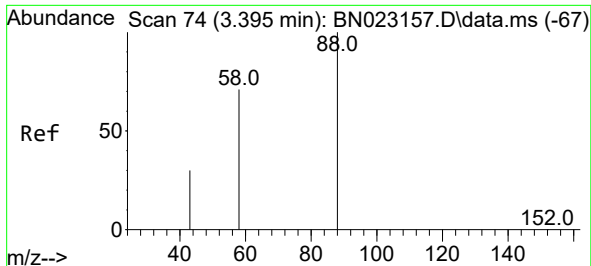
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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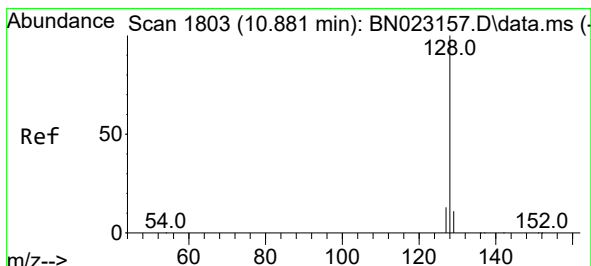
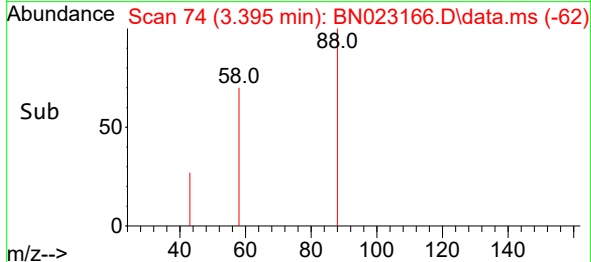
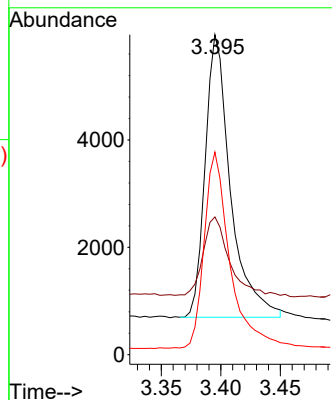
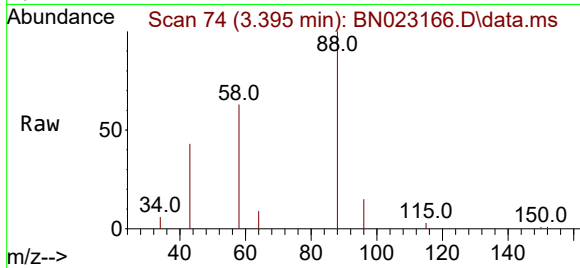




#2
1,4-Dioxane
Concen: 0.930 ng/ul
RT: 3.395 min Scan# 74
Delta R.T. 0.000 min
Lab File: BN023166.D
Acq: 13 Dec 2022 15:50

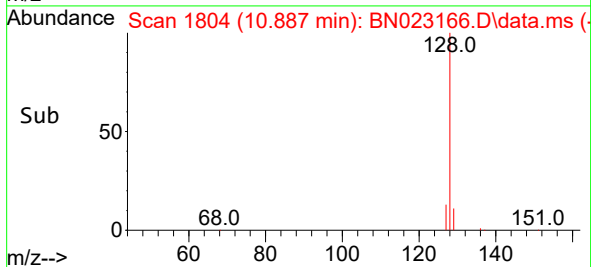
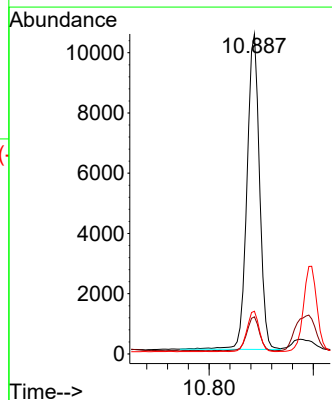
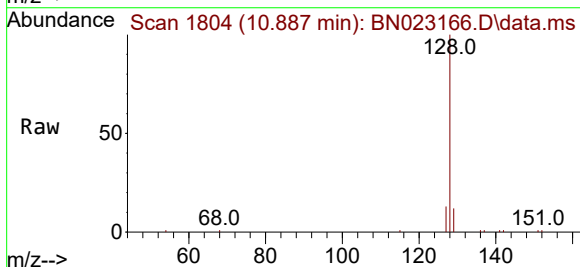
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BNA_N
ClientSampleId :
EXZA2MSD

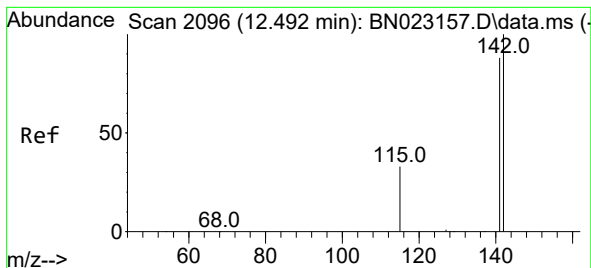
Tgt Ion: 88 Resp: 7765
Ion Ratio Lower Upper
88 100
43 43.1 26.2 39.4#
58 63.3 47.6 71.4



#5
Naphthalene
Concen: 0.259 ng/ul
RT: 10.887 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BN023166.D
Acq: 13 Dec 2022 15:50

Tgt Ion: 128 Resp: 17472
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.3 10.6 16.0

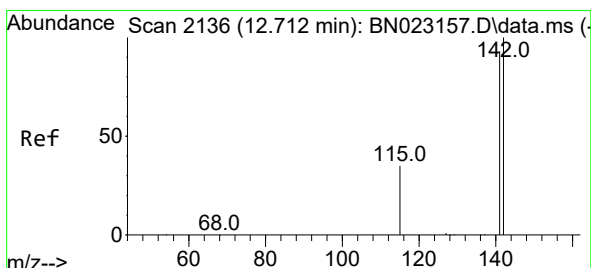
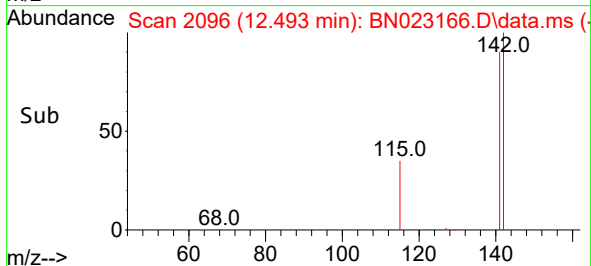
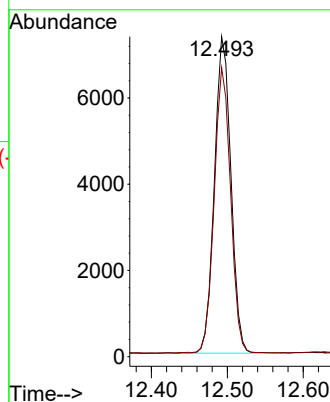
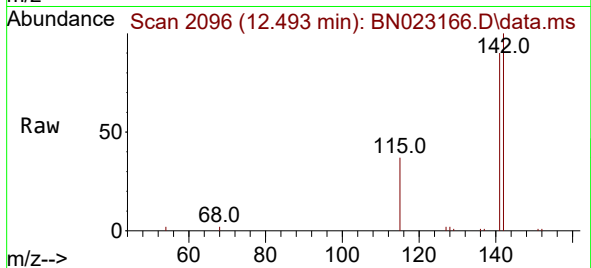




#7
2-Methylnaphthalene
Concen: 0.262 ng/ul
RT: 12.493 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN023166.D
Acq: 13 Dec 2022 15:50

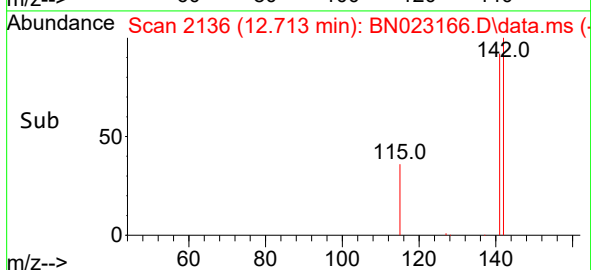
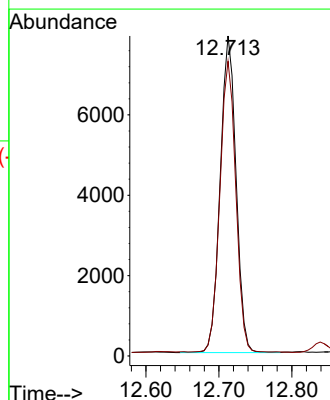
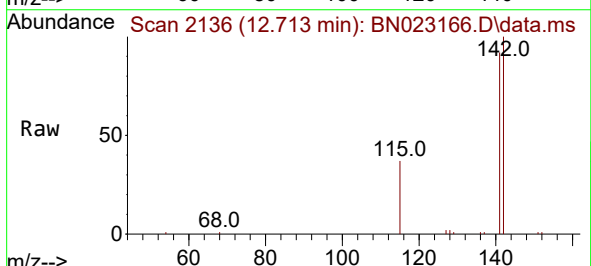
Instrument :
BNA_N
ClientSampleId :
EXZA2MSD

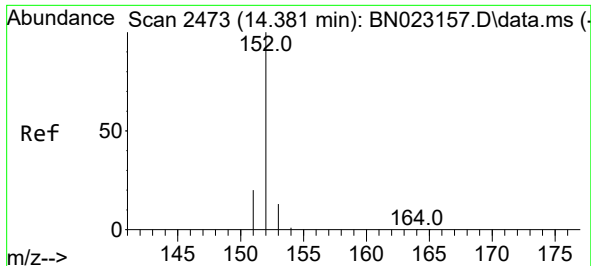
Tgt Ion:142 Resp: 11075
Ion Ratio Lower Upper
142 100
141 89.5 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 12.713 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BN023166.D
Acq: 13 Dec 2022 15:50

Tgt Ion:142 Resp: 11955
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6

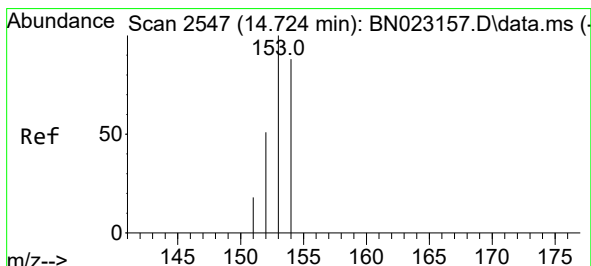
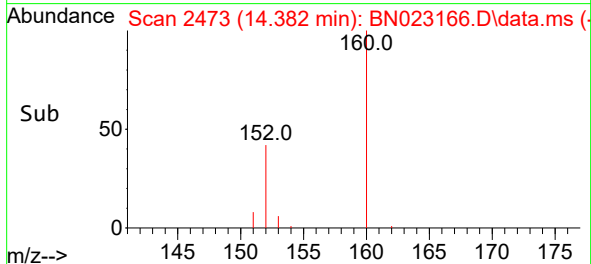
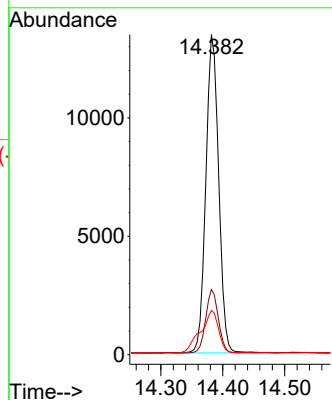
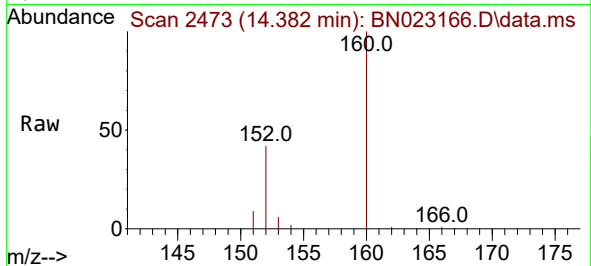




#10
Acenaphthylene
Concen: 0.271 ng/ul
RT: 14.382 min Scan# 2473
Delta R.T. 0.000 min
Lab File: BN023166.D
Acq: 13 Dec 2022 15:50

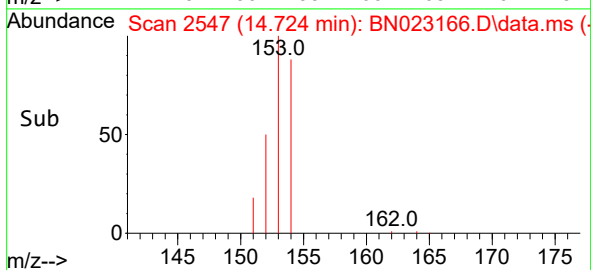
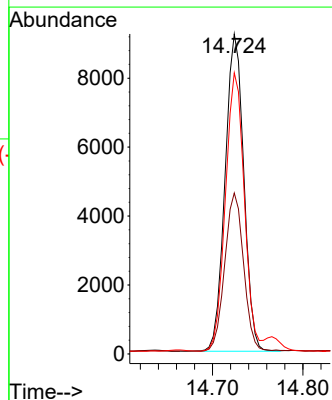
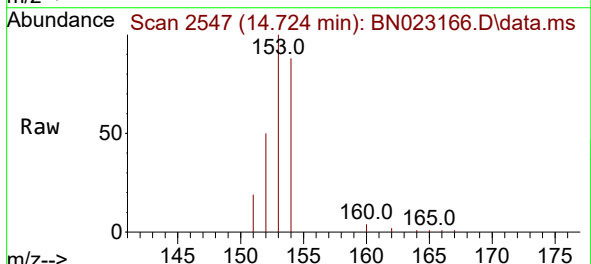
Instrument :
BNA_N
ClientSampleId :
EXZA2MSD

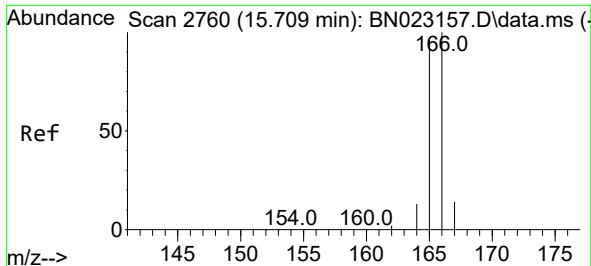
Tgt Ion:152 Resp: 19273
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.8 10.5 15.7



#11
Acenaphthene
Concen: 0.235 ng/ul
RT: 14.724 min Scan# 2547
Delta R.T. 0.000 min
Lab File: BN023166.D
Acq: 13 Dec 2022 15:50

Tgt Ion:153 Resp: 13246
Ion Ratio Lower Upper
153 100
152 50.3 41.8 62.8
154 87.8 71.3 106.9

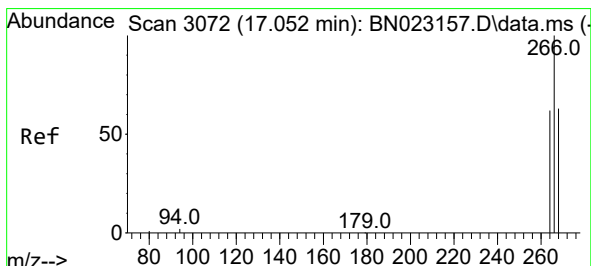
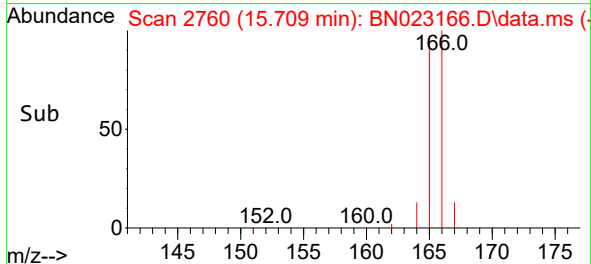
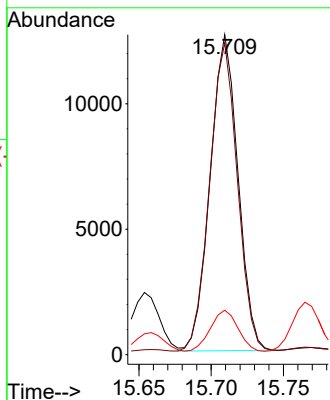
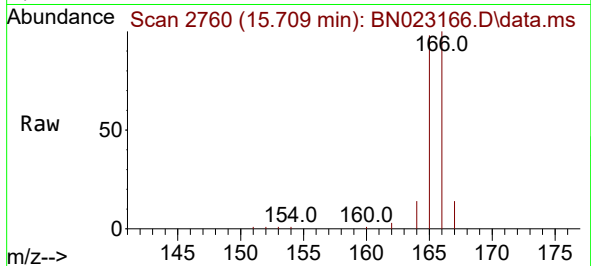




#12
Fluorene
Concen: 0.264 ng/ul
RT: 15.709 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN023166.D
Acq: 13 Dec 2022 15:50

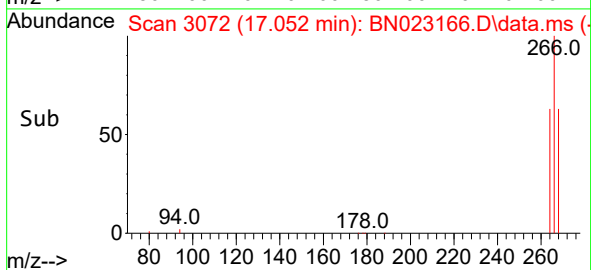
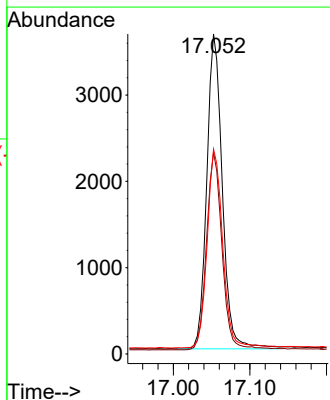
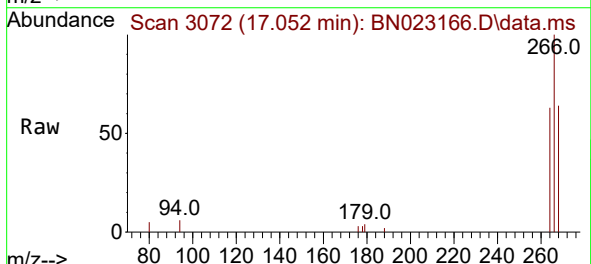
Instrument :
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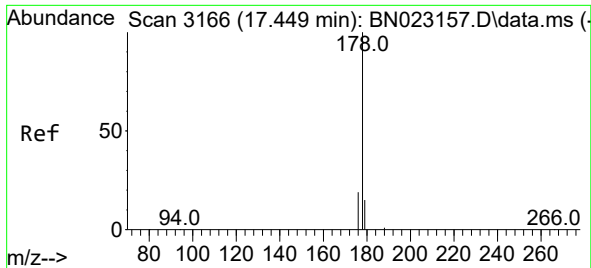
Tgt Ion:166 Resp: 16829
Ion Ratio Lower Upper
166 100
165 97.5 78.7 118.1
167 13.9 10.8 16.2



#14
Pentachlorophenol
Concen: 0.759 ng/ul
RT: 17.052 min Scan# 3072
Delta R.T. 0.000 min
Lab File: BN023166.D
Acq: 13 Dec 2022 15:50

Tgt Ion:266 Resp: 5142
Ion Ratio Lower Upper
266 100
264 62.8 0.0 0.0#
268 63.8 0.0 0.0#

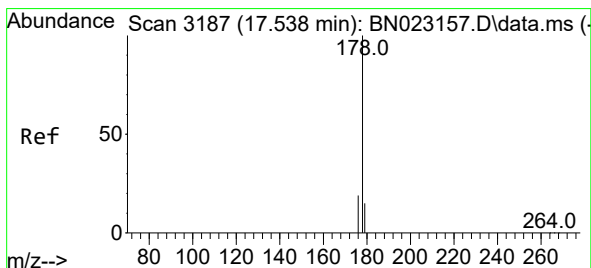
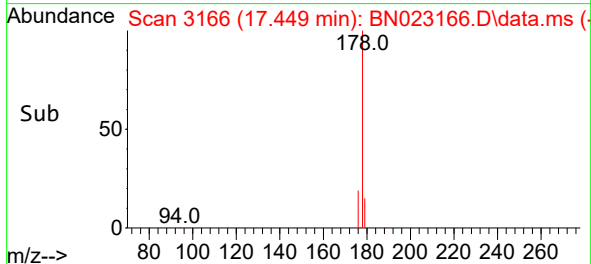
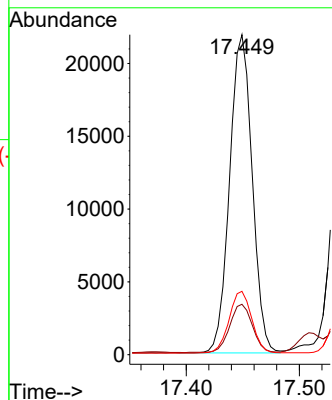
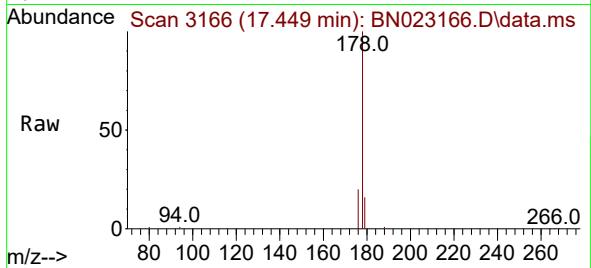




#15
Phenanthrene
Concen: 0.272 ng/ul
RT: 17.449 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BN023166.D
Acq: 13 Dec 2022 15:50

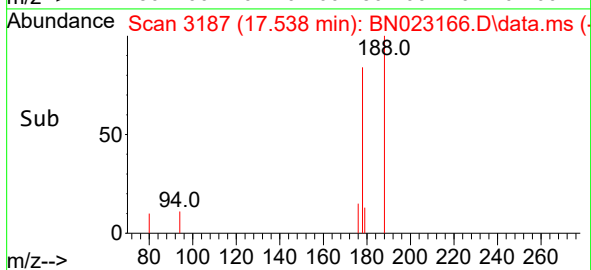
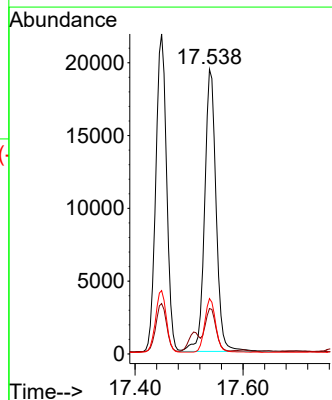
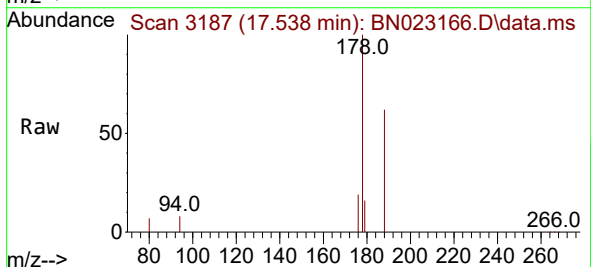
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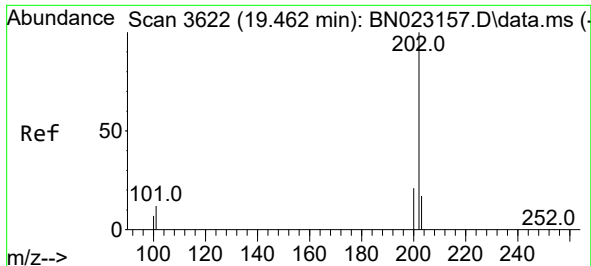
Tgt Ion:178 Resp: 30297
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.8 15.9 23.9



#16
Anthracene
Concen: 0.300 ng/ul
RT: 17.538 min Scan# 3187
Delta R.T. 0.000 min
Lab File: BN023166.D
Acq: 13 Dec 2022 15:50

Tgt Ion:178 Resp: 28625
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.4 15.3 22.9

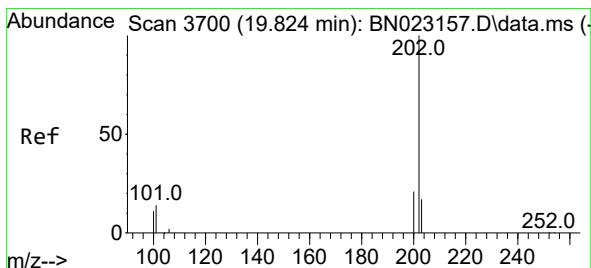
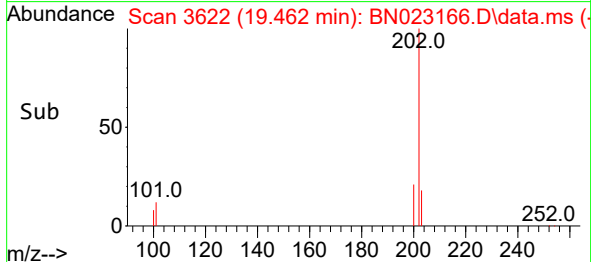
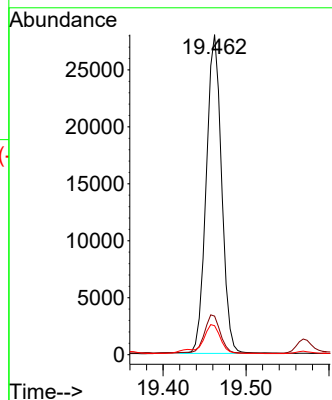
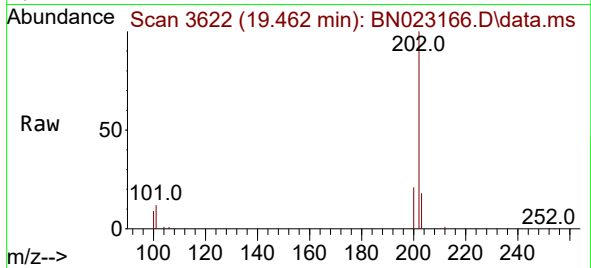




#19
Fluoranthene
Concen: 0.230 ng/ul
RT: 19.462 min Scan# 3622
Delta R.T. 0.000 min
Lab File: BN023166.D
Acq: 13 Dec 2022 15:50

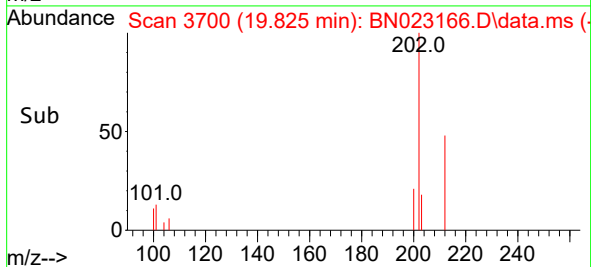
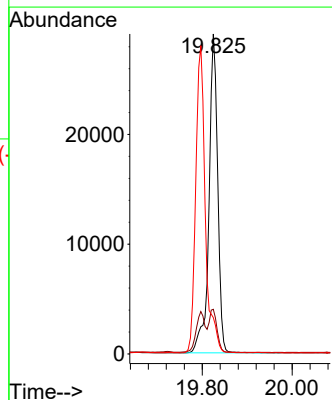
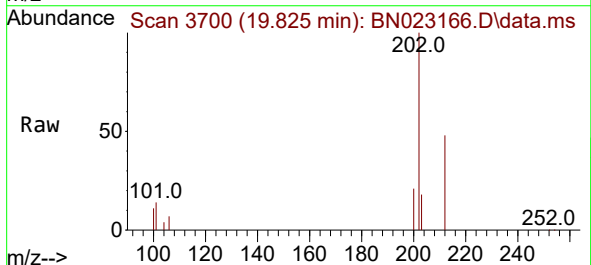
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EXZA2MSD

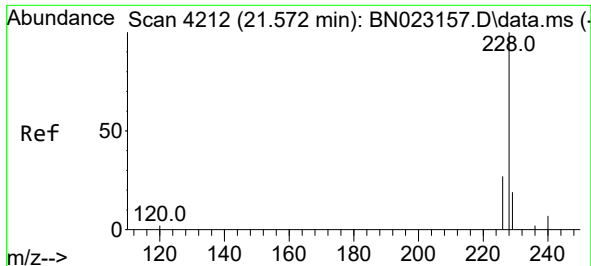
Tgt Ion:202 Resp: 35938
Ion Ratio Lower Upper
202 100
101 12.0 9.2 13.8
100 9.0 6.9 10.3



#20
Pyrene
Concen: 0.258 ng/ul
RT: 19.825 min Scan# 3700
Delta R.T. 0.000 min
Lab File: BN023166.D
Acq: 13 Dec 2022 15:50

Tgt Ion:202 Resp: 39480
Ion Ratio Lower Upper
202 100
101 13.9 10.6 16.0
100 11.4 8.2 12.4

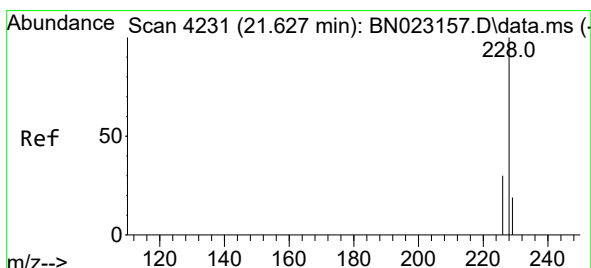
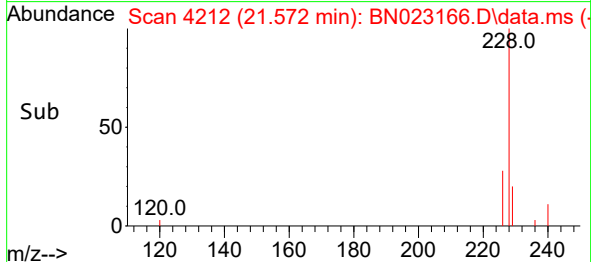
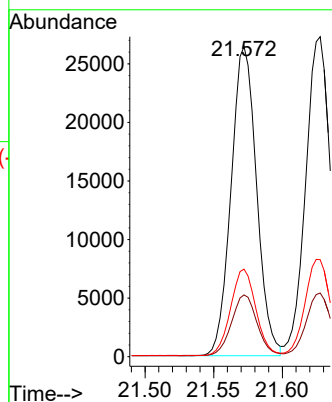
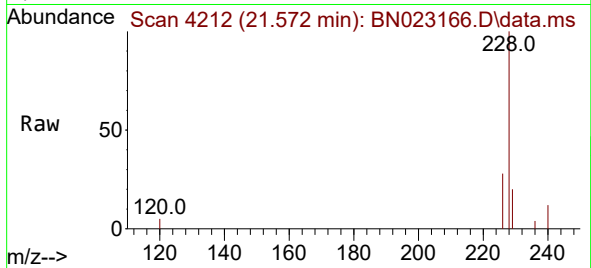




#21
Benzo(a)anthracene
Concen: 0.296 ng/ul
RT: 21.572 min Scan# 4212
Delta R.T. 0.000 min
Lab File: BN023166.D
Acq: 13 Dec 2022 15:50

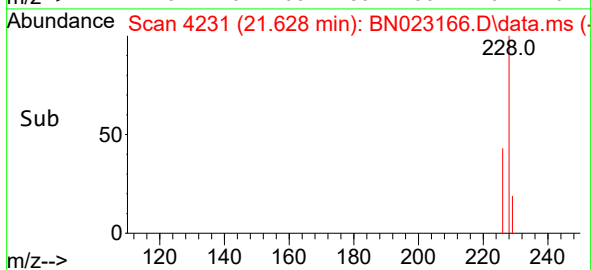
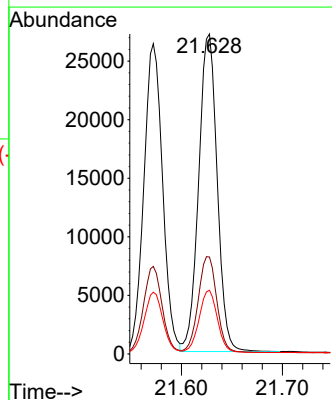
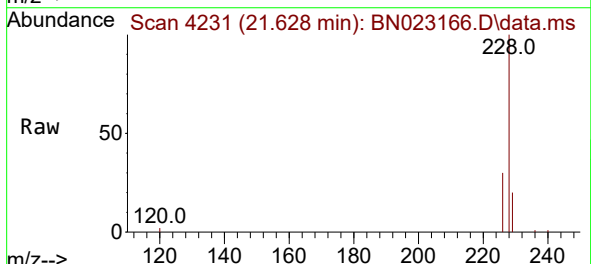
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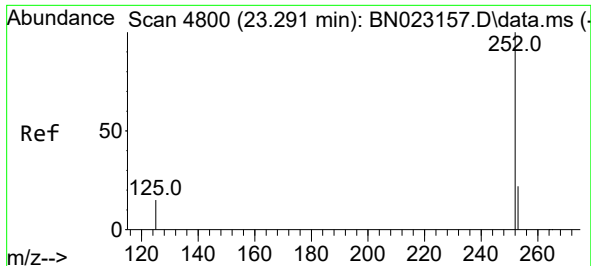
Tgt Ion:228 Resp: 34161
Ion Ratio Lower Upper
228 100
229 19.9 15.5 23.3
226 28.2 22.2 33.4



#22
Chrysene
Concen: 0.273 ng/ul
RT: 21.628 min Scan# 4231
Delta R.T. 0.000 min
Lab File: BN023166.D
Acq: 13 Dec 2022 15:50

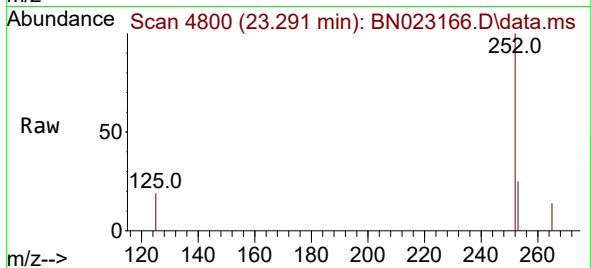
Tgt Ion:228 Resp: 34553
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.9 15.8 23.8



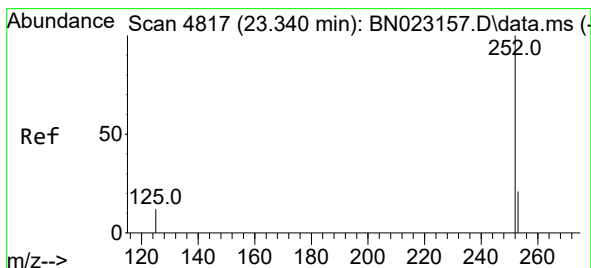
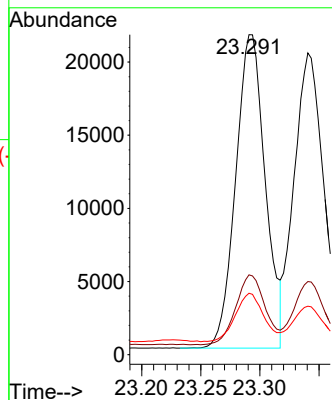
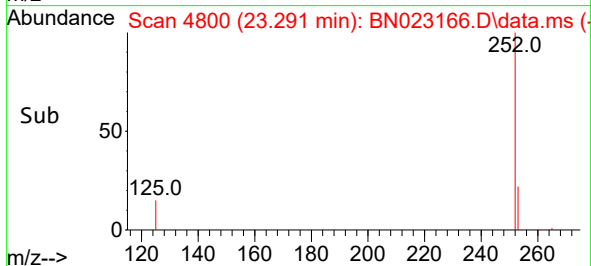


#24
Benzo(b)fluoranthene
Concen: 0.259 ng/ul
RT: 23.291 min Scan# 4800
Delta R.T. 0.000 min
Lab File: BN023166.D
Acq: 13 Dec 2022 15:50

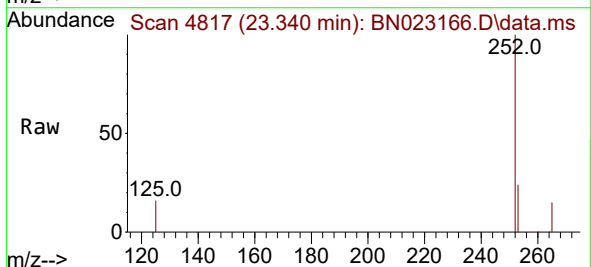
Instrument :
BNA_N
ClientSampleId :
EXZA2MSD



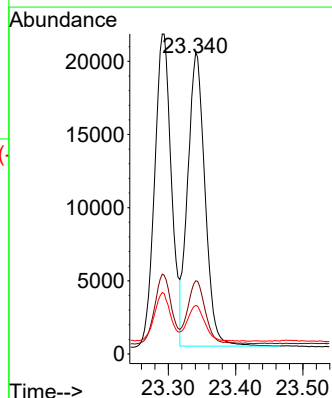
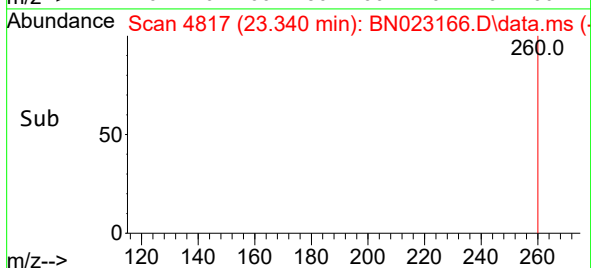
Tgt Ion:252 Resp: 37250
Ion Ratio Lower Upper
252 100
253 25.0 0.0 46.0
125 19.2 0.0 28.6

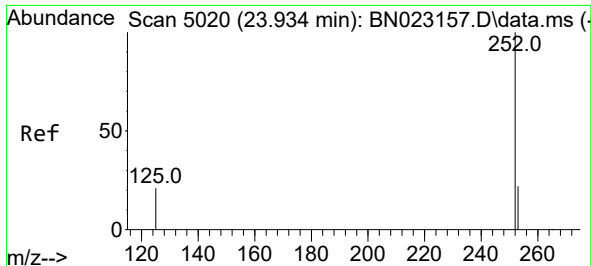


#25
Benzo(k)fluoranthene
Concen: 0.235 ng/ul
RT: 23.340 min Scan# 4817
Delta R.T. 0.000 min
Lab File: BN023166.D
Acq: 13 Dec 2022 15:50



Tgt Ion:252 Resp: 35768
Ion Ratio Lower Upper
252 100
253 24.2 18.7 28.1
125 16.0 11.3 16.9

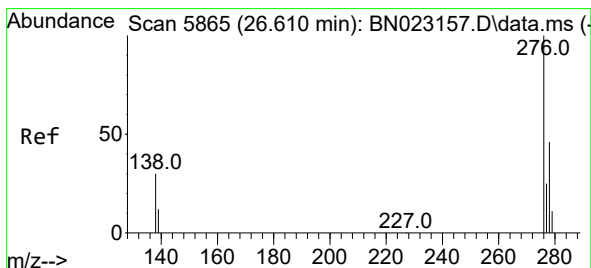
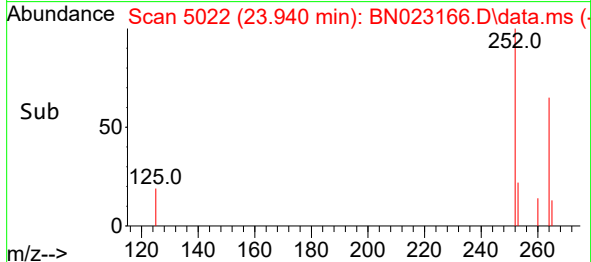
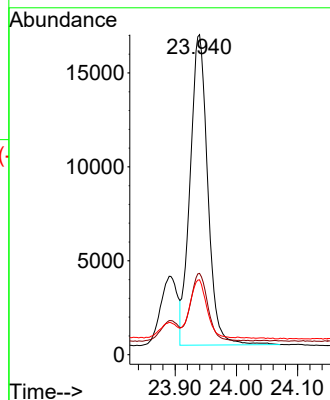
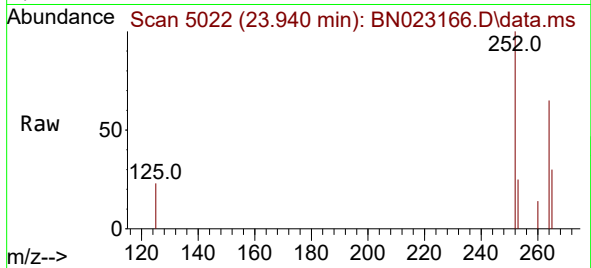




#26
Benzo(a)pyrene
Concen: 0.301 ng/ul
RT: 23.940 min Scan# 5020
Delta R.T. 0.006 min
Lab File: BN023166.D
Acq: 13 Dec 2022 15:50

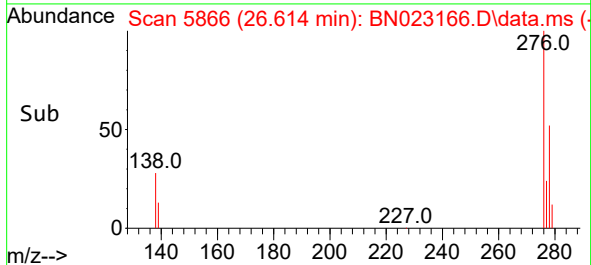
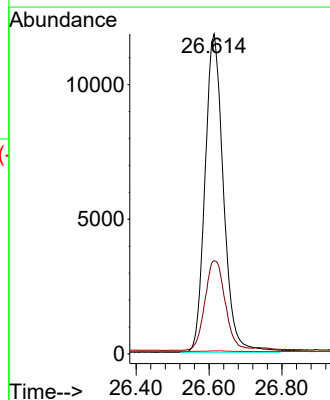
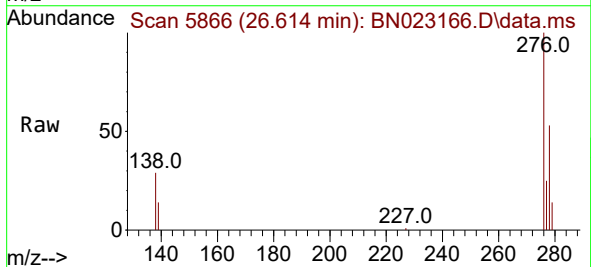
Instrument :
BNA_N
ClientSampleId :
EXZA2MSD

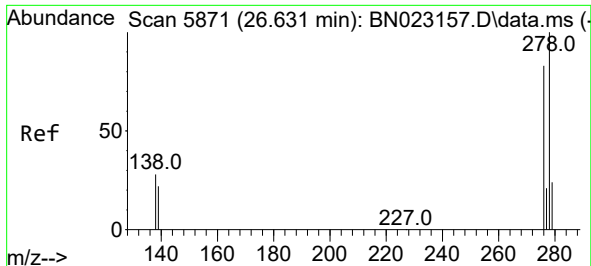
Tgt Ion:252 Resp: 33017
Ion Ratio Lower Upper
252 100
253 25.4 19.7 29.5
125 23.4 13.7 20.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.319 ng/ul
RT: 26.614 min Scan# 5866
Delta R.T. 0.004 min
Lab File: BN023166.D
Acq: 13 Dec 2022 15:50

Tgt Ion:276 Resp: 41582
Ion Ratio Lower Upper
276 100
138 30.9 0.0 0.0#
227 0.2 0.0 0.0#

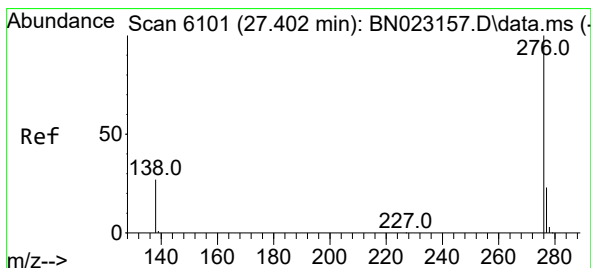
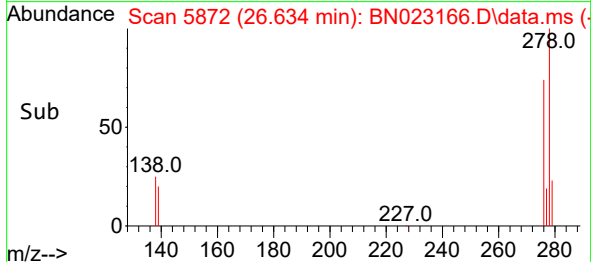
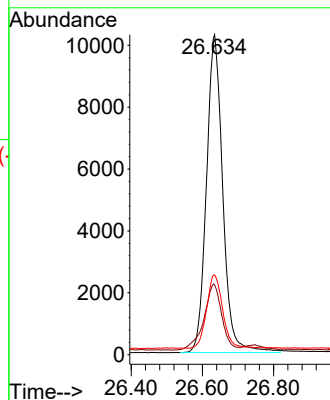
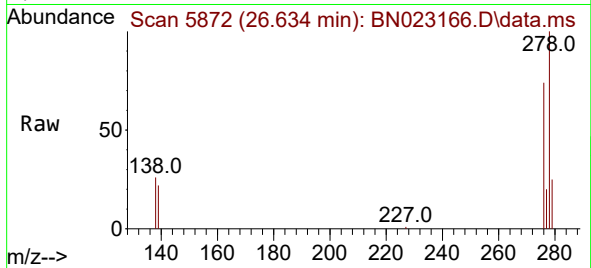




#28
Dibenzo(a,h)anthracene
Concen: 0.317 ng/ul
RT: 26.634 min Scan# 5871
Delta R.T. 0.004 min
Lab File: BN023166.D
Acq: 13 Dec 2022 15:50

Instrument :
BNA_N
ClientSampleId :
EXZA2MSD

Tgt Ion:278 Resp: 32771
Ion Ratio Lower Upper
278 100
139 21.8 18.3 27.5
279 24.9 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.290 ng/ul
RT: 27.402 min Scan# 6101
Delta R.T. 0.000 min
Lab File: BN023166.D
Acq: 13 Dec 2022 15:50

Tgt Ion:276 Resp: 32964
Ion Ratio Lower Upper
276 100
138 27.7 22.1 33.1
277 24.5 19.4 29.2

