

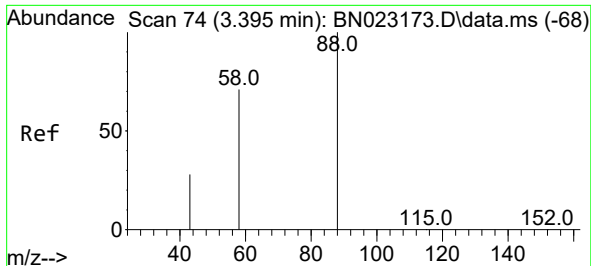
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
 Data File : BN023197.D
 Acq On : 14 Dec 2022 11:59
 Operator : CG/JU
 Sample : N5948-09MS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 14 23:19:41 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

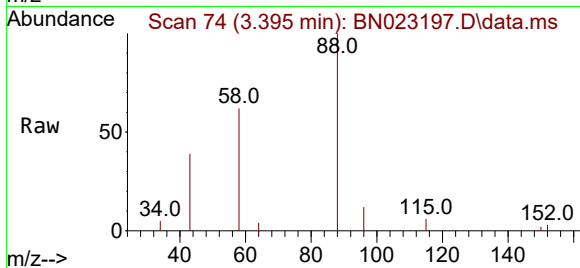
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	5063	0.400	ng/ul	0.00
4) Naphthalene-d8	10.832	136	16530	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.659	164	9882	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.403	188	22656	0.400	ng/ul	0.00
17) Chrysene-d12	21.584	240	22096	0.400	ng/ul	0.00
23) Perylene-d12	24.039	264	18025	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	1087	0.179	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.416	152	8379	0.333	ng/ul	0.00
18) Fluoranthene-d10	19.430	212	23366	0.286	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.395	88	3755	0.593	ng/ul	94
5) Naphthalene	10.881	128	68773	1.371	ng/ul	99
7) 2-Methylnaphthalene	12.493	142	13472	0.430	ng/ul	100
8) 1-Methylnaphthalene	12.707	142	14828	0.465	ng/ul	100
10) Acenaphthylene	14.377	152	13978	0.287	ng/ul	98
11) Acenaphthene	14.719	153	12120	0.314	ng/ul	97
12) Fluorene	15.705	166	14505	0.332	ng/ul	100
14) Pentachlorophenol	17.052	266	4117	0.869	ng/ul#	100
15) Phenanthrene	17.445	178	25967	0.334	ng/ul	99
16) Anthracene	17.534	178	21537	0.323	ng/ul	100
19) Fluoranthene	19.457	202	32570	0.285	ng/ul	97
20) Pyrene	19.820	202	33607	0.300	ng/ul	97
21) Benzo(a)anthracene	21.569	228	32429	0.384	ng/ul	99
22) Chrysene	21.622	228	33546	0.362	ng/ul	99
24) Benzo(b)fluoranthene	23.285	252	33929	0.371	ng/ul	96
25) Benzo(k)fluoranthene	23.335	252	31991	0.331	ng/ul	97
26) Benzo(a)pyrene	23.928	252	27203	0.391	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.604	276	34176	0.413	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.621	278	26886	0.409	ng/ul	99
29) Benzo(g,h,i)perylene	27.392	276	27266	0.378	ng/ul	100

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

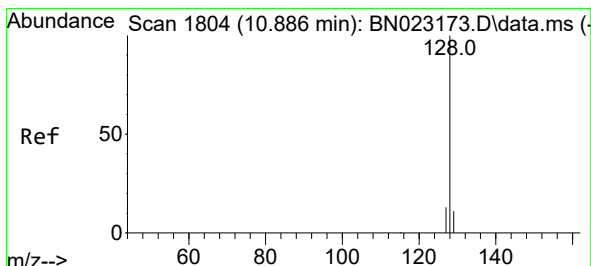
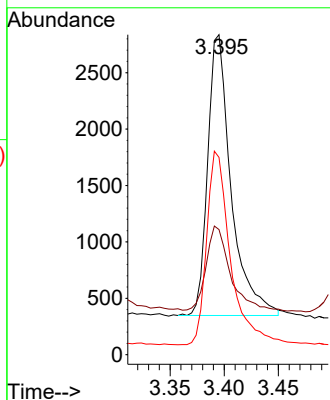
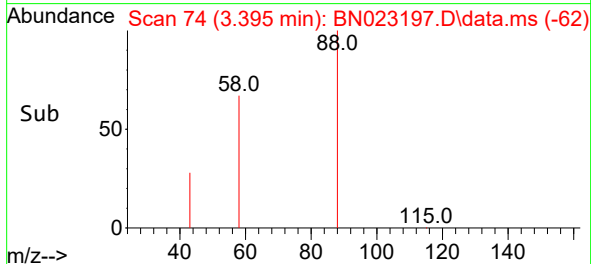


#2
1,4-Dioxane
Concen: 0.593 ng/ul
RT: 3.395 min Scan# 74
Delta R.T. 0.000 min
Lab File: BN023197.D
Acq: 14 Dec 2022 11:59

Instrument :
BNA_N
ClientSampleId :

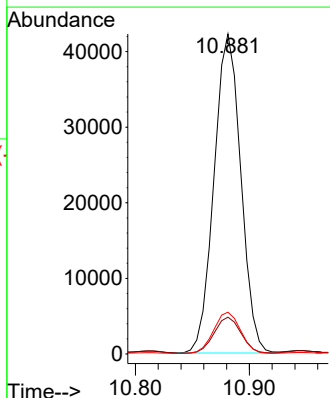
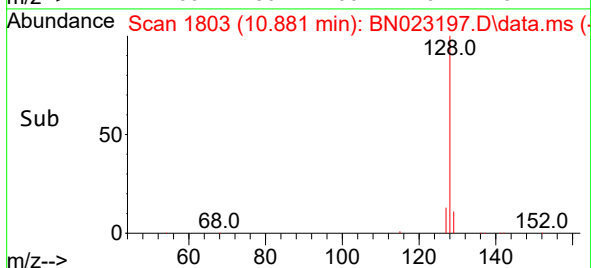
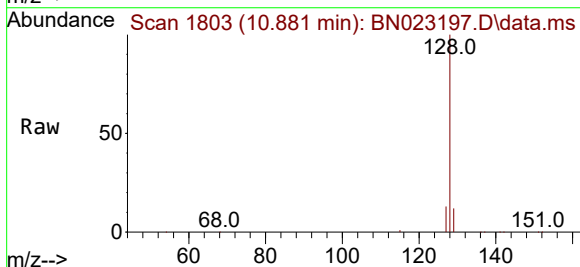


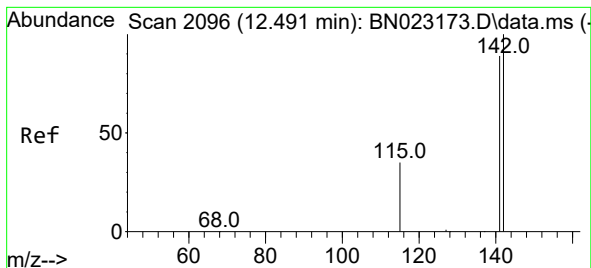
Tgt Ion: 88 Resp: 3755
Ion Ratio Lower Upper
88 100
43 39.1 26.2 39.4
58 61.6 47.6 71.4



#5
Naphthalene
Concen: 1.371 ng/ul
RT: 10.881 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BN023197.D
Acq: 14 Dec 2022 11:59

Tgt Ion: 128 Resp: 68773
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.1 10.6 16.0

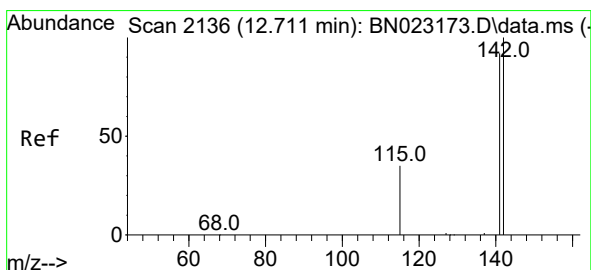
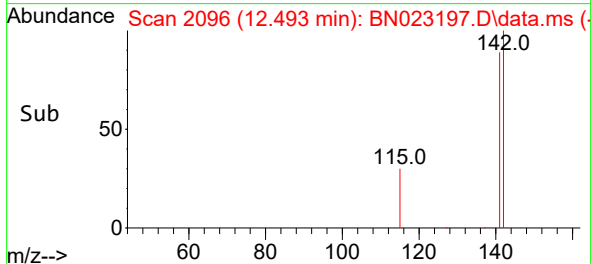
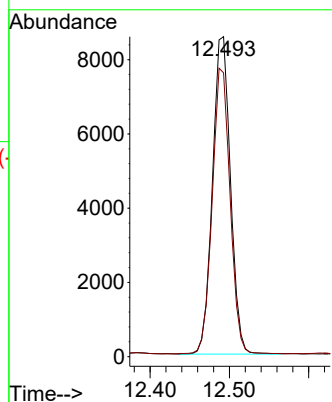
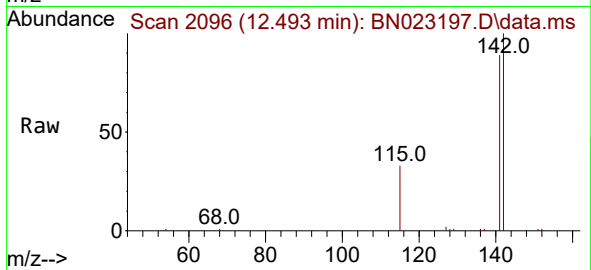




#7
2-Methylnaphthalene
Concen: 0.430 ng/ul
RT: 12.493 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN023197.D
Acq: 14 Dec 2022 11:59

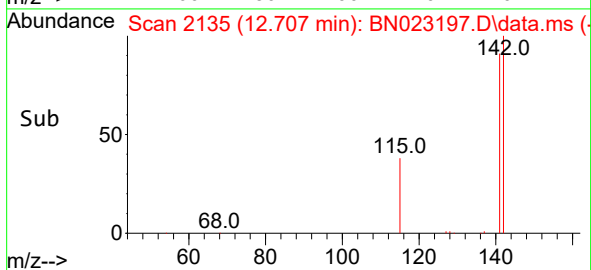
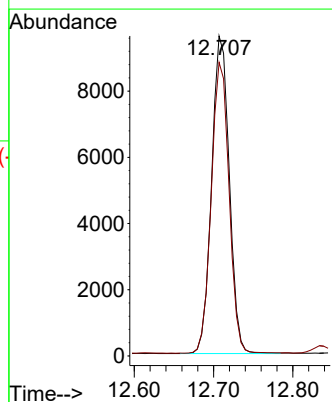
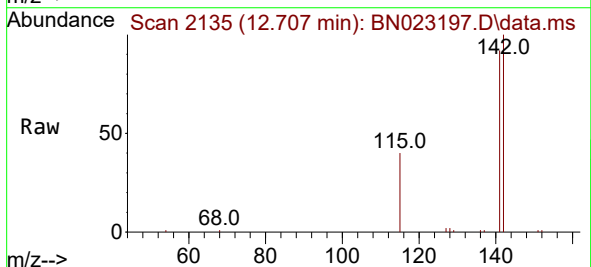
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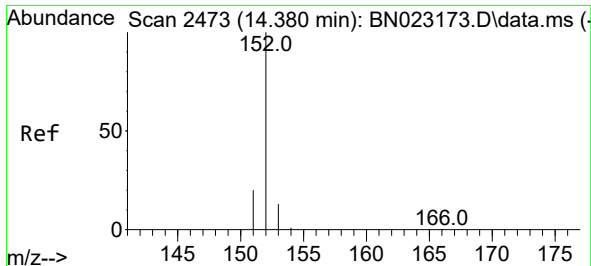
Tgt Ion:142 Resp: 13472
Ion Ratio Lower Upper
142 100
141 89.4 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.465 ng/ul
RT: 12.707 min Scan# 2135
Delta R.T. -0.005 min
Lab File: BN023197.D
Acq: 14 Dec 2022 11:59

Tgt Ion:142 Resp: 14828
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6

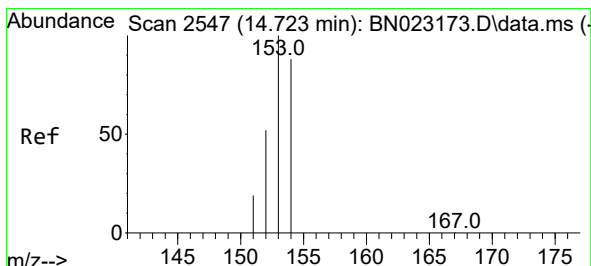
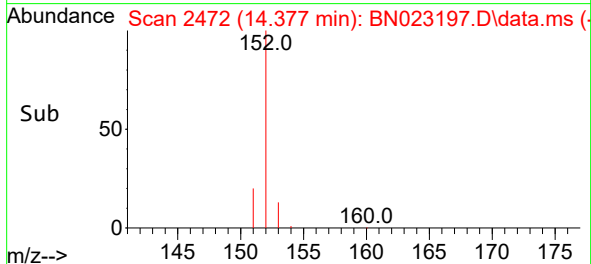
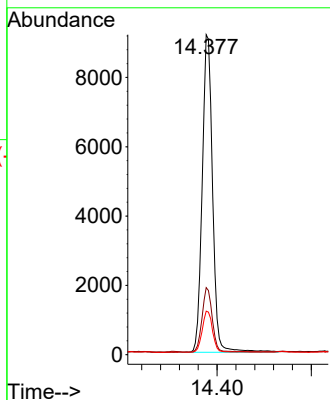
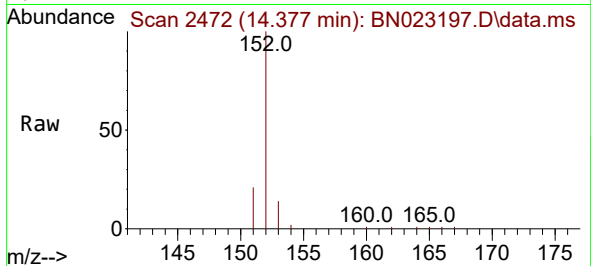




#10
Acenaphthylene
Concen: 0.287 ng/ul
RT: 14.377 min Scan# 2472
Delta R.T. -0.005 min
Lab File: BN023197.D
Acq: 14 Dec 2022 11:59

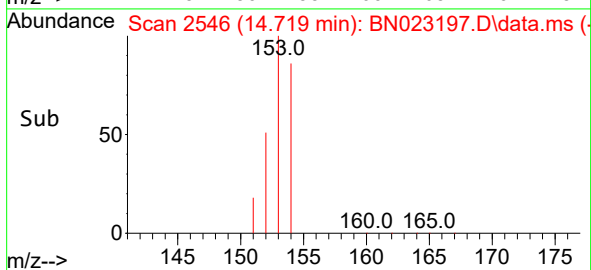
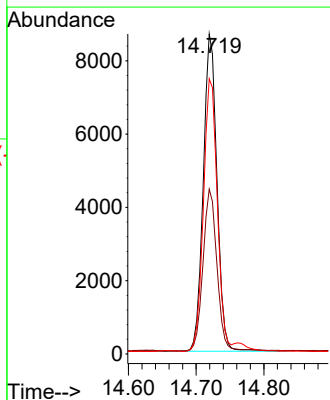
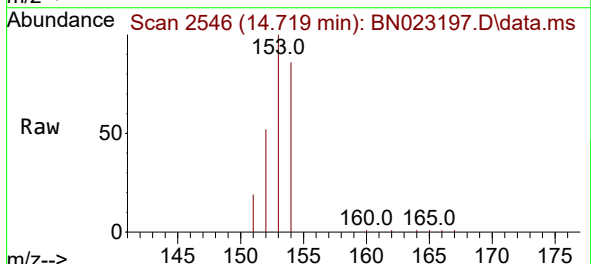
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BNA_N
ClientSampleId :

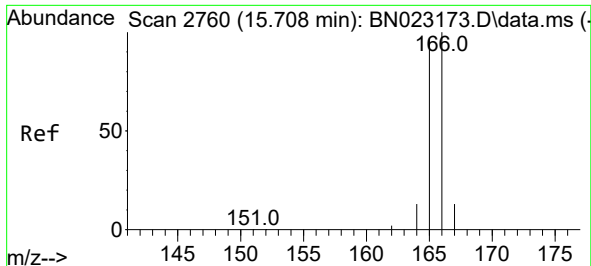
Tgt Ion:152 Resp: 13978
Ion Ratio Lower Upper
152 100
151 21.0 16.0 24.0
153 13.6 10.5 15.7



#11
Acenaphthene
Concen: 0.314 ng/ul
RT: 14.719 min Scan# 2546
Delta R.T. -0.005 min
Lab File: BN023197.D
Acq: 14 Dec 2022 11:59

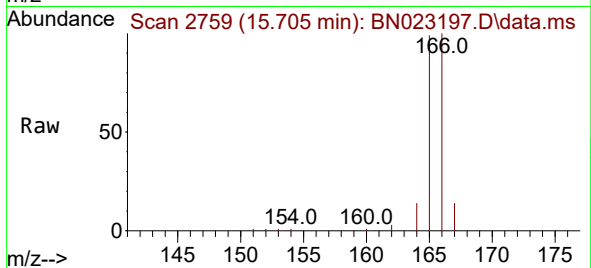
Tgt Ion:153 Resp: 12120
Ion Ratio Lower Upper
153 100
152 51.5 41.8 62.8
154 86.0 71.3 106.9



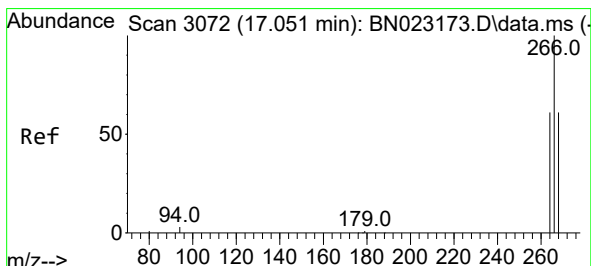
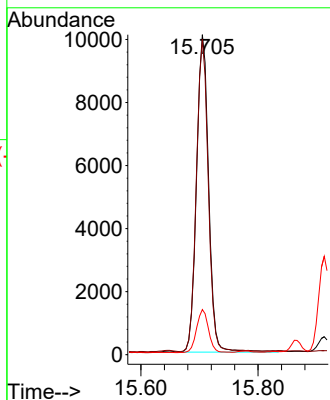
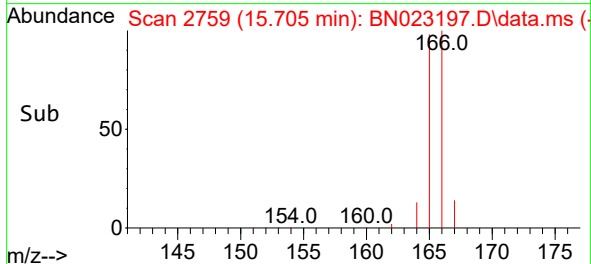


#12
Fluorene
Concen: 0.332 ng/ul
RT: 15.705 min Scan# 2759
Delta R.T. -0.005 min
Lab File: BN023197.D
Acq: 14 Dec 2022 11:59

Instrument :
BNA_N
ClientSampleId :

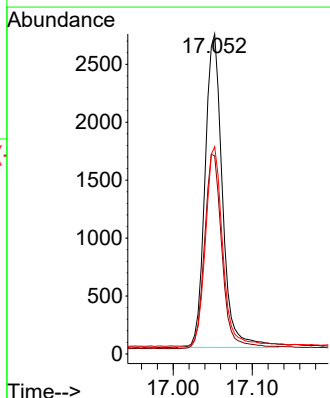
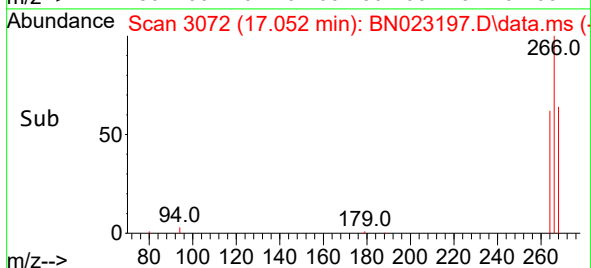
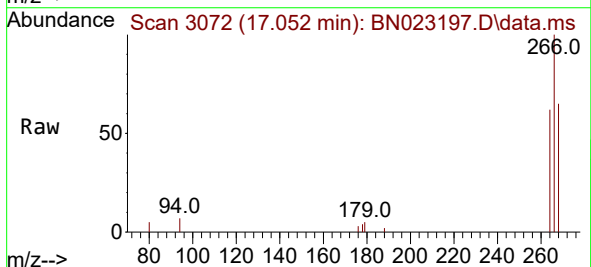


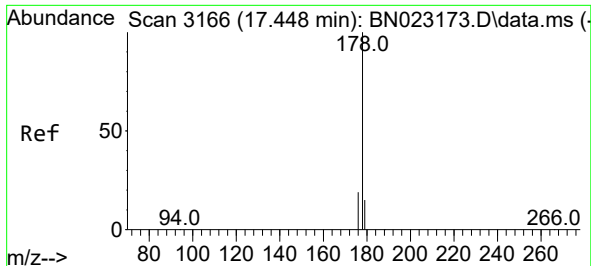
Tgt Ion:166 Resp: 14505
Ion Ratio Lower Upper
166 100
165 98.6 78.7 118.1
167 14.1 10.8 16.2



#14
Pentachlorophenol
Concen: 0.869 ng/ul
RT: 17.052 min Scan# 3072
Delta R.T. 0.000 min
Lab File: BN023197.D
Acq: 14 Dec 2022 11:59

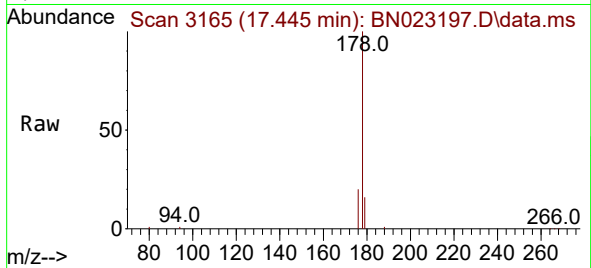
Tgt Ion:266 Resp: 4117
Ion Ratio Lower Upper
266 100
264 62.6 0.0 0.0#
268 63.0 0.0 0.0#



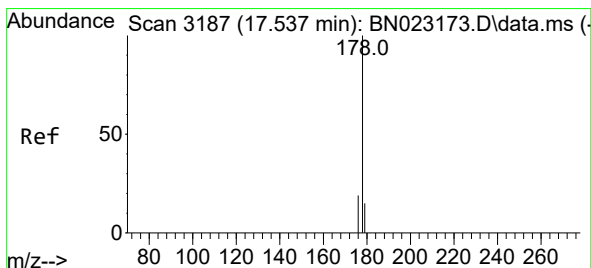
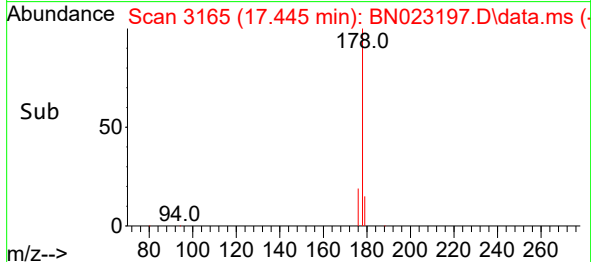
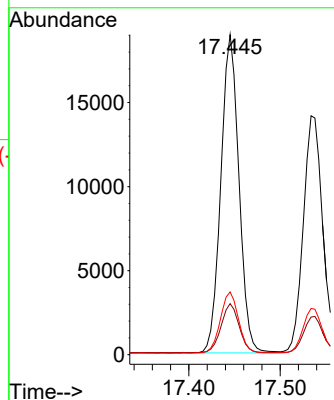


#15
 Phenanthrene
 Concen: 0.334 ng/ul
 RT: 17.445 min Scan# 3166
 Delta R.T. -0.004 min
 Lab File: BN023197.D
 Acq: 14 Dec 2022 11:59

Instrument :
 BNA_N
 ClientSampleId :

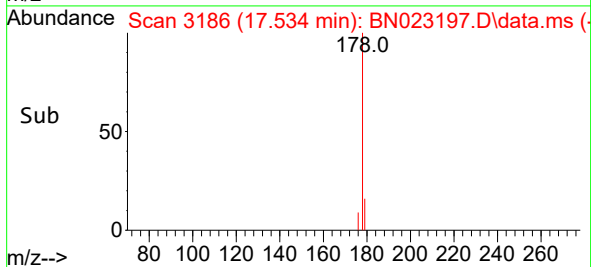
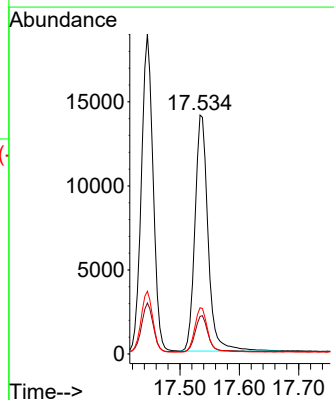
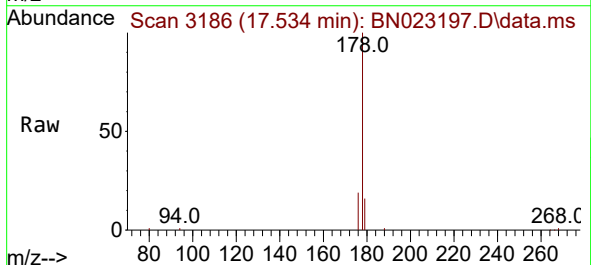


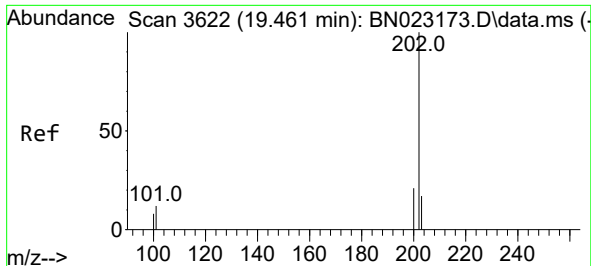
Tgt Ion:178 Resp: 25967
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.5 18.7
 176 19.6 15.9 23.9



#16
 Anthracene
 Concen: 0.323 ng/ul
 RT: 17.534 min Scan# 3186
 Delta R.T. -0.004 min
 Lab File: BN023197.D
 Acq: 14 Dec 2022 11:59

Tgt Ion:178 Resp: 21537
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.6 18.8
 176 19.4 15.3 22.9

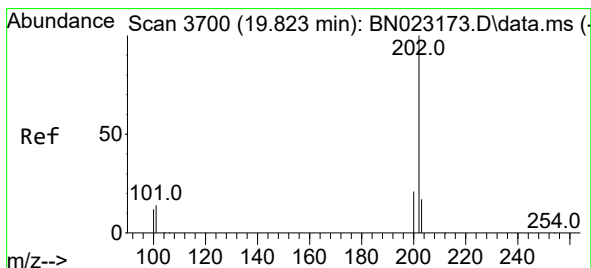
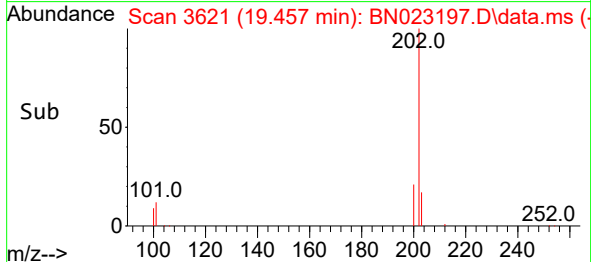
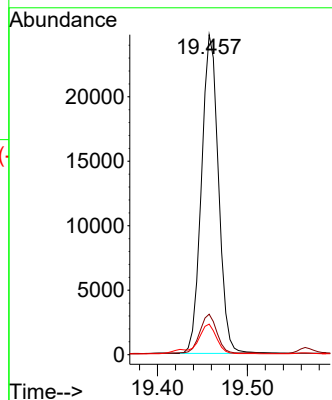
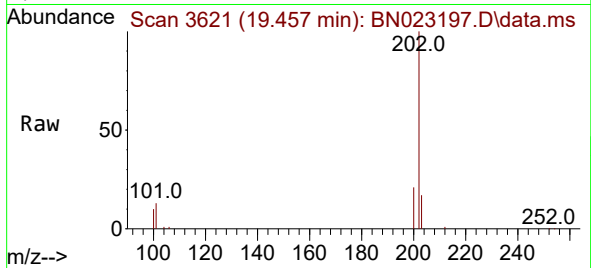




#19
Fluoranthene
Concen: 0.285 ng/ul
RT: 19.457 min Scan# 3621
Delta R.T. -0.005 min
Lab File: BN023197.D
Acq: 14 Dec 2022 11:59

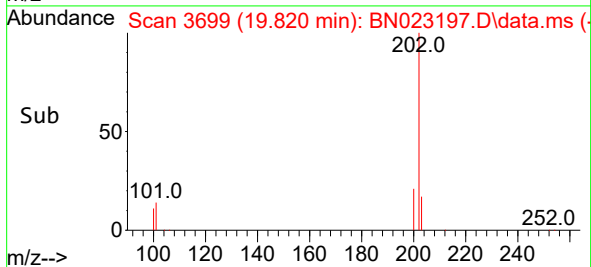
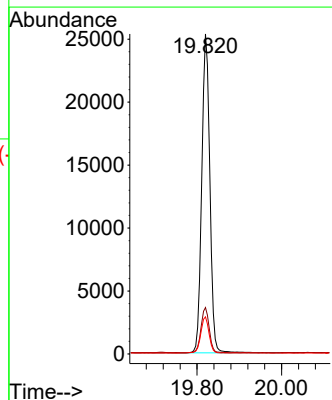
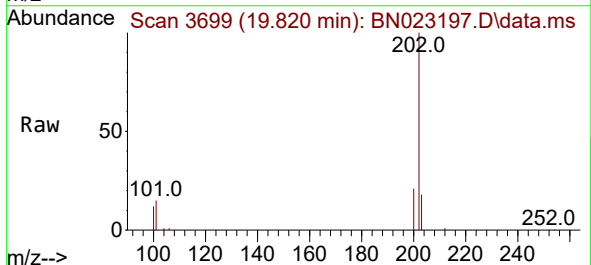
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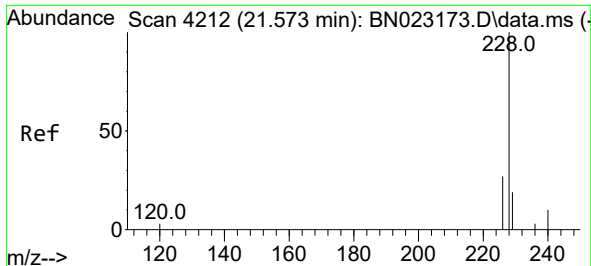
Tgt Ion:202 Resp: 32570
Ion Ratio Lower Upper
202 100
101 12.6 9.2 13.8
100 9.6 6.9 10.3



#20
Pyrene
Concen: 0.300 ng/ul
RT: 19.820 min Scan# 3699
Delta R.T. -0.005 min
Lab File: BN023197.D
Acq: 14 Dec 2022 11:59

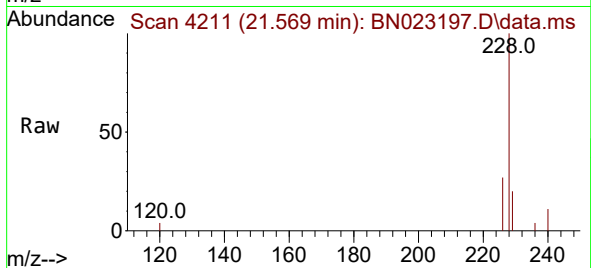
Tgt Ion:202 Resp: 33607
Ion Ratio Lower Upper
202 100
101 14.5 10.6 16.0
100 11.6 8.2 12.4



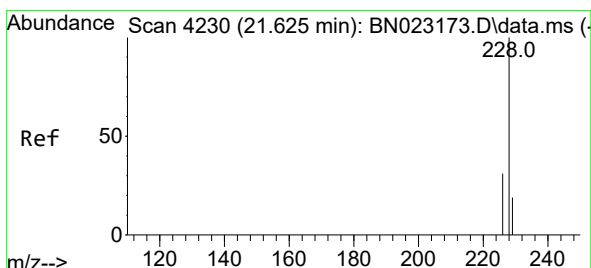
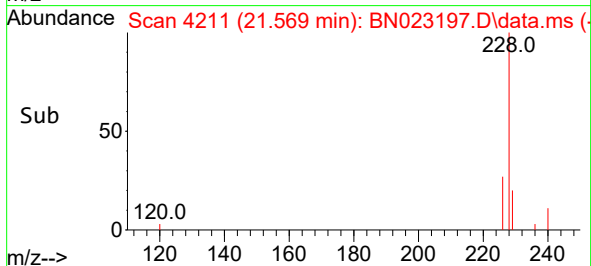
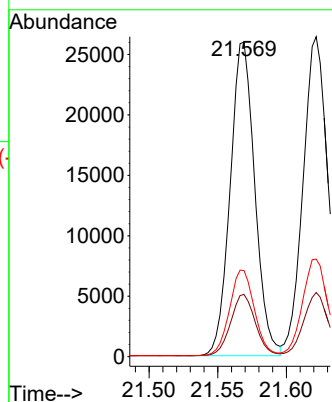


#21
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.569 min Scan# 4211
Delta R.T. -0.003 min
Lab File: BN023197.D
Acq: 14 Dec 2022 11:59

Instrument :
BNA_N
ClientSampleId :

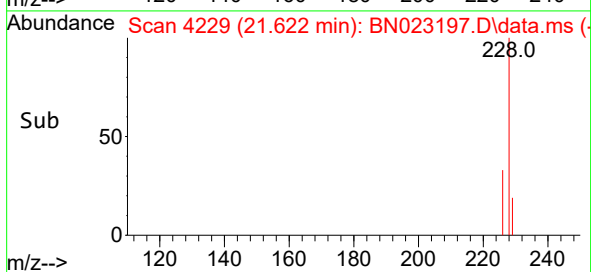
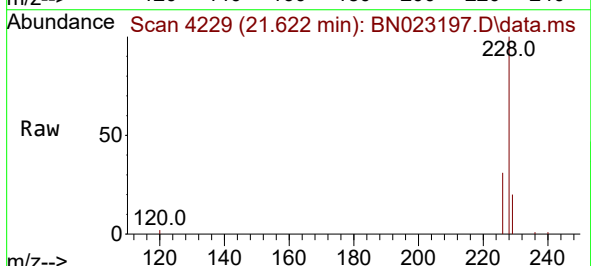
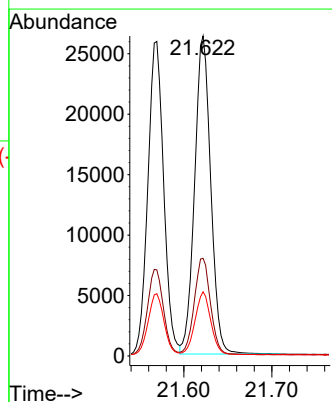


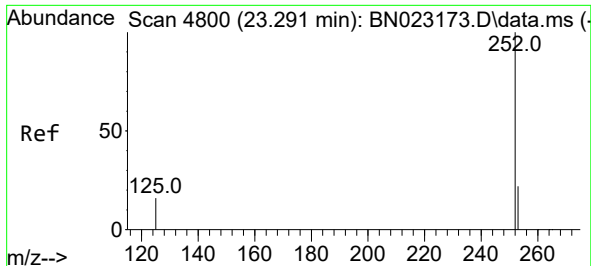
Tgt Ion:228 Resp: 32429
Ion Ratio Lower Upper
228 100
229 19.8 15.5 23.3
226 27.4 22.2 33.4



#22
Chrysene
Concen: 0.362 ng/ul
RT: 21.622 min Scan# 4229
Delta R.T. -0.006 min
Lab File: BN023197.D
Acq: 14 Dec 2022 11:59

Tgt Ion:228 Resp: 33546
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 20.0 15.8 23.8

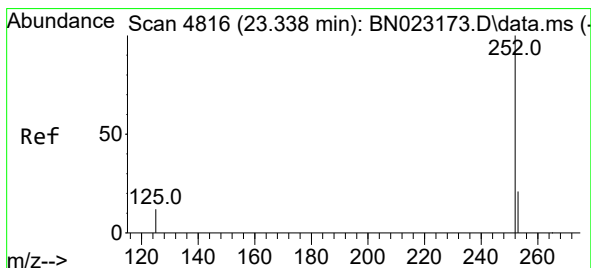
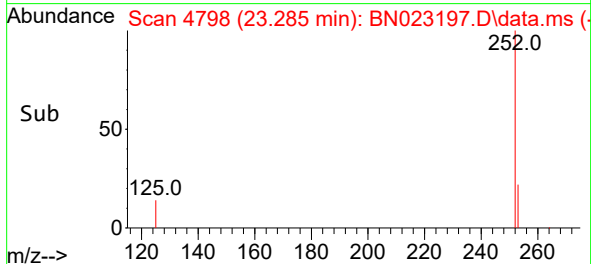
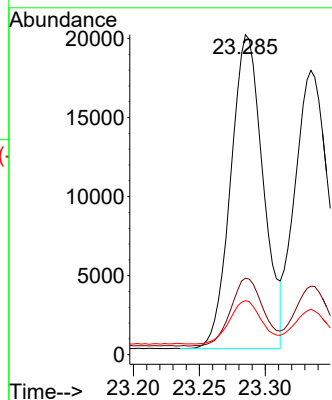
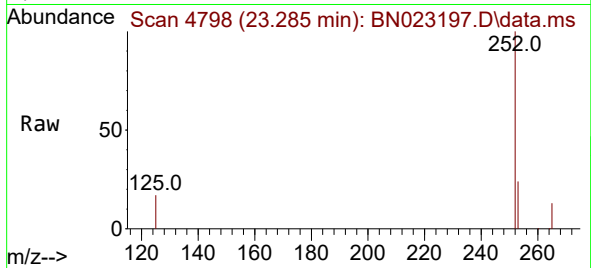




#24
Benzo(b)fluoranthene
Concen: 0.371 ng/ul
RT: 23.285 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN023197.D
Acq: 14 Dec 2022 11:59

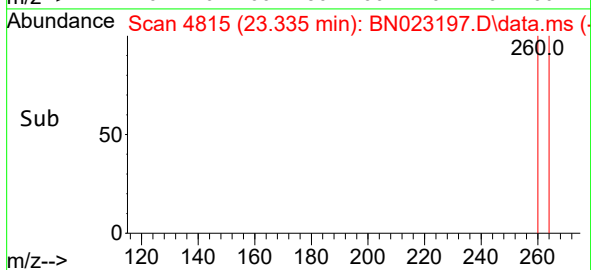
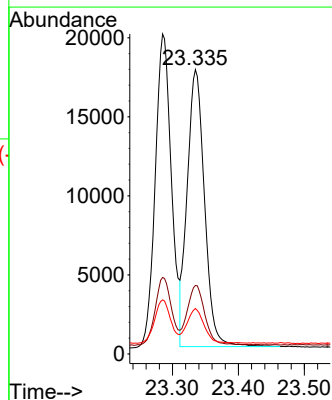
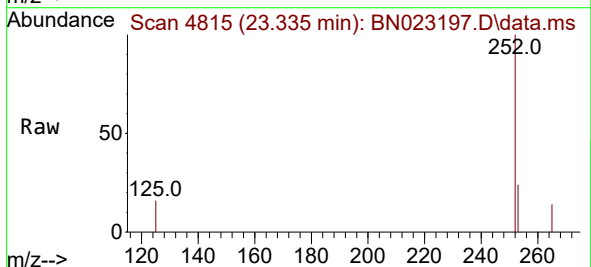
Instrument :
BNA_N
ClientSampleId :

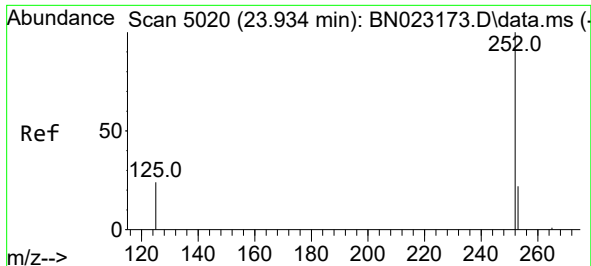
Tgt Ion:252 Resp: 33929
Ion Ratio Lower Upper
252 100
253 23.9 0.0 46.0
125 16.9 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.331 ng/ul
RT: 23.335 min Scan# 4815
Delta R.T. -0.006 min
Lab File: BN023197.D
Acq: 14 Dec 2022 11:59

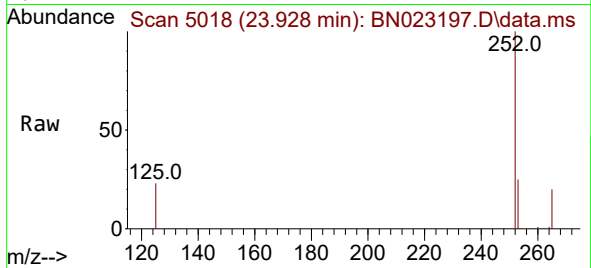
Tgt Ion:252 Resp: 31991
Ion Ratio Lower Upper
252 100
253 24.1 18.7 28.1
125 16.0 11.3 16.9



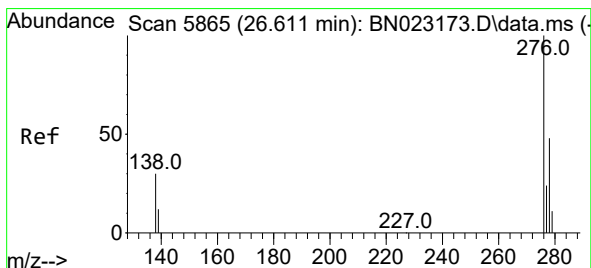
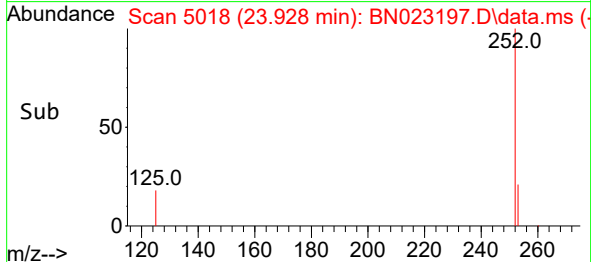
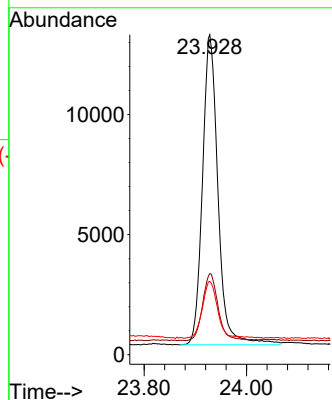


#26
Benzo(a)pyrene
Concen: 0.391 ng/ul
RT: 23.928 min Scan# 5018
Delta R.T. -0.006 min
Lab File: BN023197.D
Acq: 14 Dec 2022 11:59

Instrument :
BNA_N
ClientSampleId :

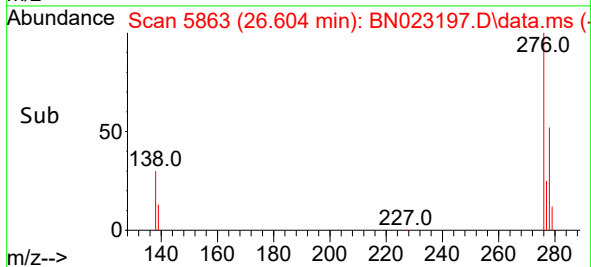
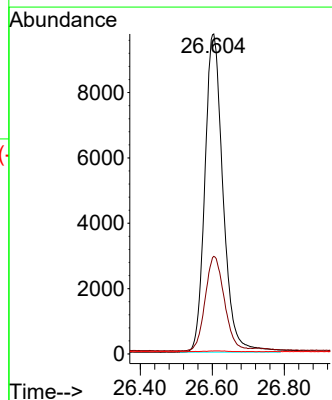
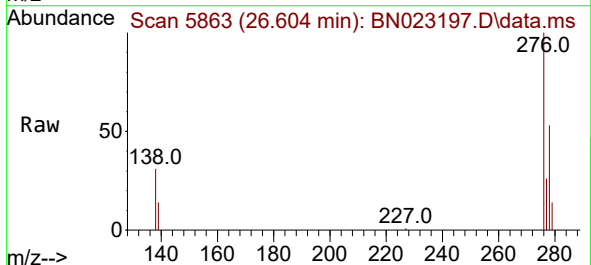


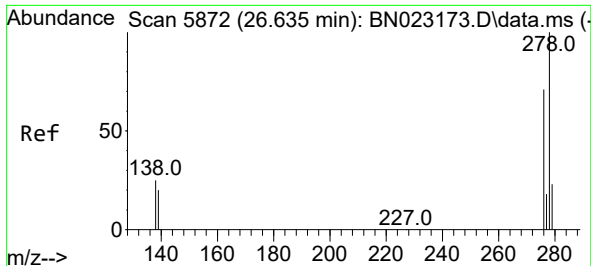
Tgt Ion:252 Resp: 27203
Ion Ratio Lower Upper
252 100
253 25.3 19.7 29.5
125 22.9 13.7 20.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng/ul
RT: 26.604 min Scan# 5863
Delta R.T. -0.007 min
Lab File: BN023197.D
Acq: 14 Dec 2022 11:59

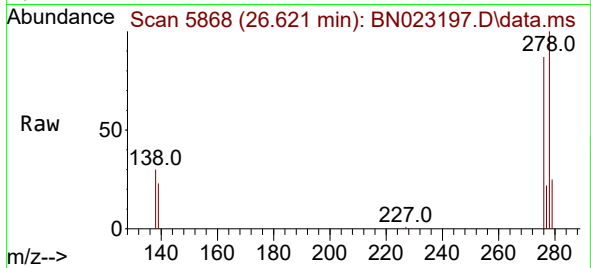
Tgt Ion:276 Resp: 34176
Ion Ratio Lower Upper
276 100
138 32.1 0.0 0.0#
227 0.2 0.0 0.0#



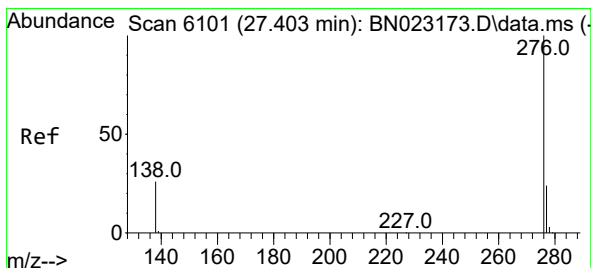
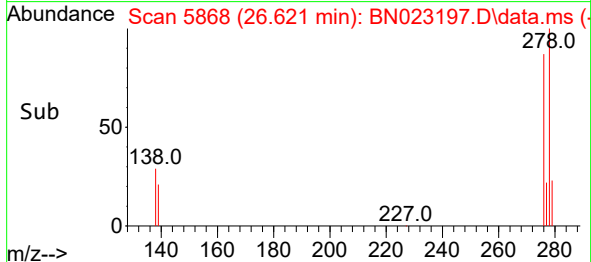
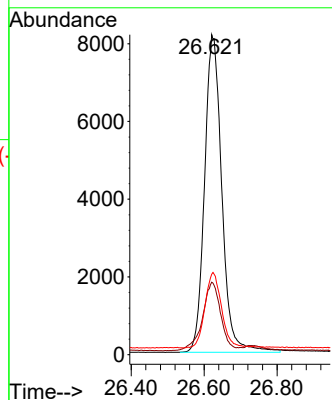


#28
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 26.621 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN023197.D
Acq: 14 Dec 2022 11:59

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 26886
Ion Ratio Lower Upper
278 100
139 22.6 18.3 27.5
279 25.1 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.378 ng/ul
RT: 27.392 min Scan# 6098
Delta R.T. -0.010 min
Lab File: BN023197.D
Acq: 14 Dec 2022 11:59

Tgt Ion:276 Resp: 27266
Ion Ratio Lower Upper
276 100
138 27.8 22.1 33.1
277 24.0 19.4 29.2

