

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013123\
 Data File : BN023866.D
 Acq On : 31 Jan 2023 18:02
 Operator : CG/JU
 Sample : PB150489BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS489

Quant Time: Feb 01 01:00:40 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:00:14 2023
 Response via : Initial Calibration

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

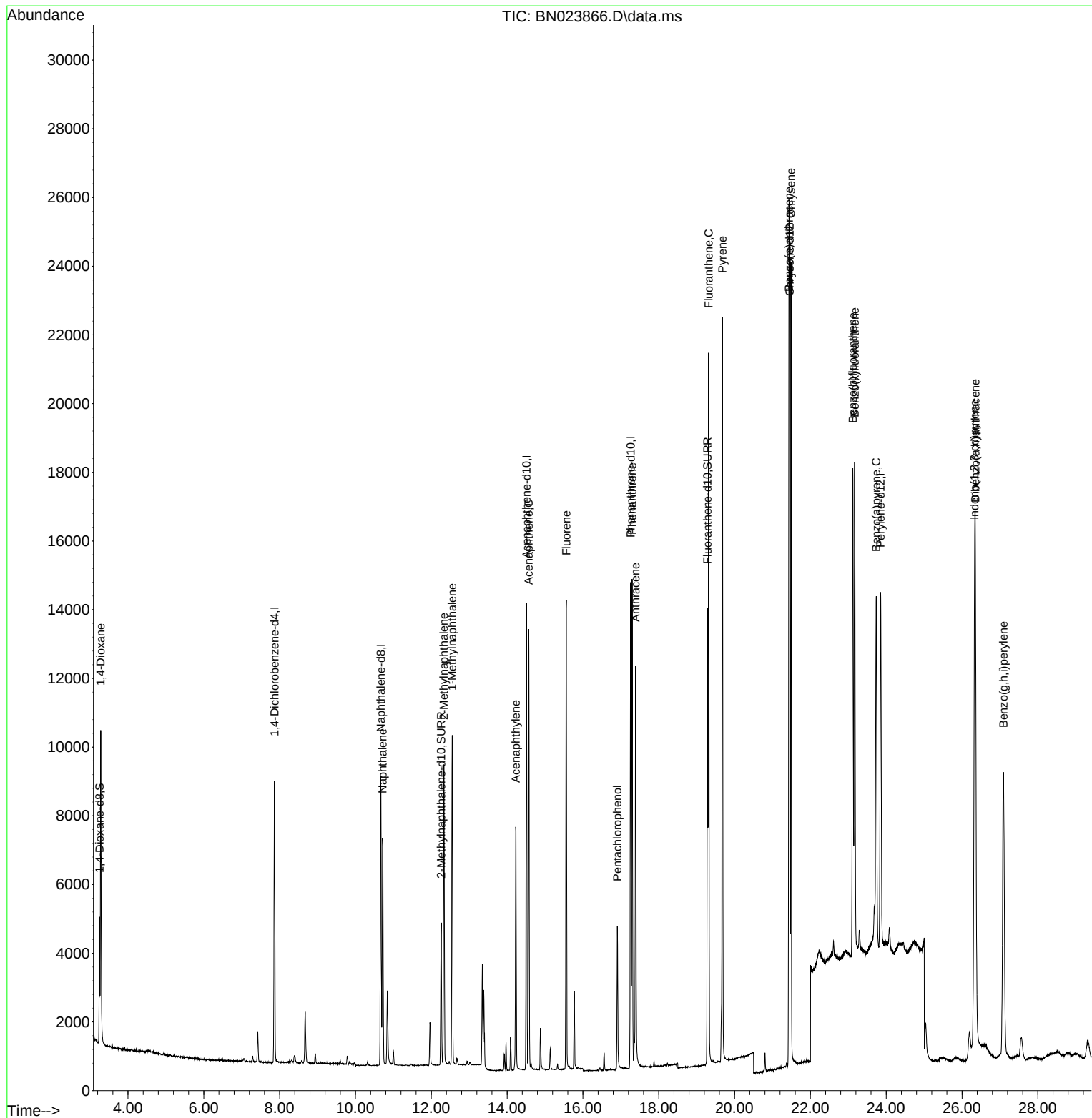
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	4120	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	11228	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.511	164	7235	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.259	188	16883	0.400	ng/ul	0.00
17) Chrysene-d12	21.452	240	16720	0.400	ng/ul	0.00
23) Perylene-d12	23.852	264	14863	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.248	96	2391	0.541	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.262	152	5320	0.303	ng/ul	0.00
18) Fluoranthene-d10	19.285	212	14695	0.327	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	6324	1.351	ng/ul#	81
5) Naphthalene	10.716	128	8869	0.289	ng/ul	99
7) 2-Methylnaphthalene	12.333	142	5896	0.295	ng/ul	100
8) 1-Methylnaphthalene	12.553	142	6294	0.308	ng/ul	99
10) Acenaphthylene	14.229	152	8039	0.290	ng/ul	100
11) Acenaphthene	14.571	153	7038	0.289	ng/ul	100
12) Fluorene	15.561	166	8403	0.285	ng/ul	98
14) Pentachlorophenol	16.909	266	2751	0.494	ng/ul	99
15) Phenanthrene	17.297	178	14541	0.289	ng/ul	100
16) Anthracene	17.390	178	12648	0.300	ng/ul	99
19) Fluoranthene	19.318	202	18228	0.328	ng/ul	100
20) Pyrene	19.680	202	18721	0.325	ng/ul	99
21) Benzo(a)anthracene	21.435	228	18644	0.328	ng/ul	99
22) Chrysene	21.487	228	18990	0.318	ng/ul	99
24) Benzo(b)fluoranthene	23.118	252	19727	0.300	ng/ul	99
25) Benzo(k)fluoranthene	23.168	252	19643	0.306	ng/ul	98
26) Benzo(a)pyrene	23.738	252	16644	0.304	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.329	276	22054	0.287	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.352	278	17943	0.292	ng/ul#	90
29) Benzo(g,h,i)perylene	27.093	276	18564	0.294	ng/ul	99

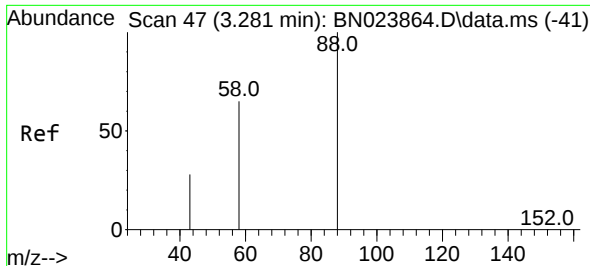
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 01 01:00:40 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:00:14 2023
Response via : Initial Calibration

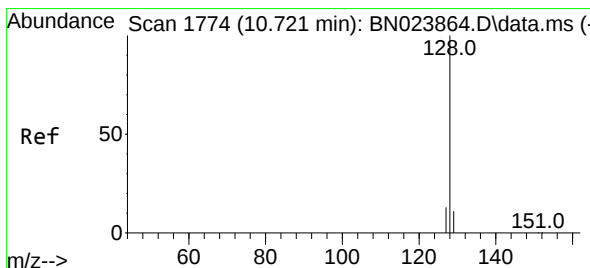
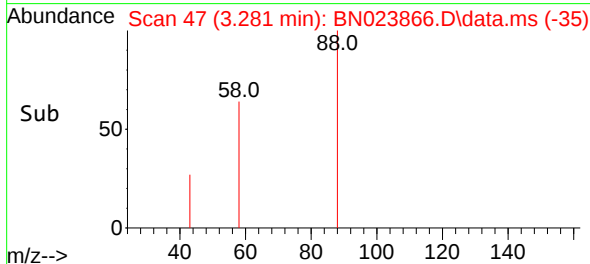
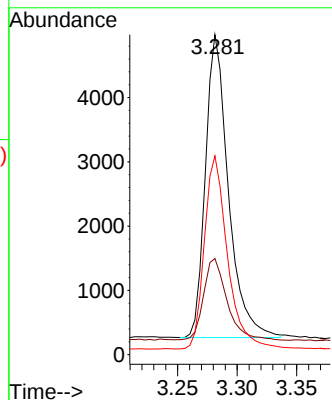
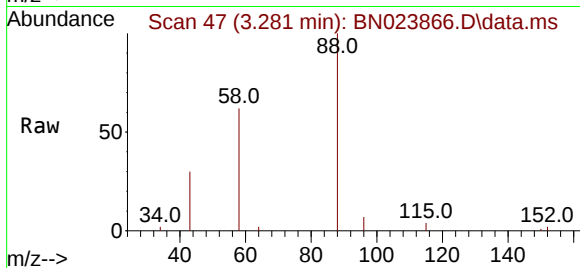




#2
1,4-Dioxane
Concen: 1.351 ng/ul
RT: 3.281 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN023866.D
Acq: 31 Jan 2023 18:02

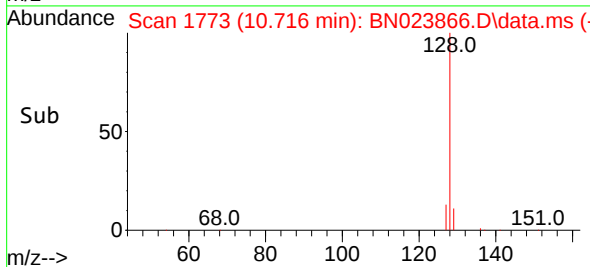
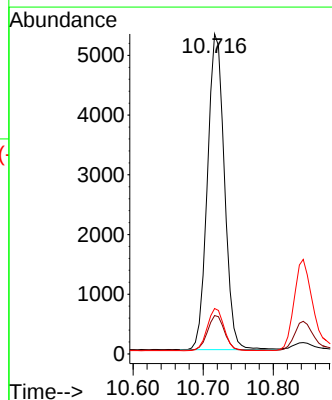
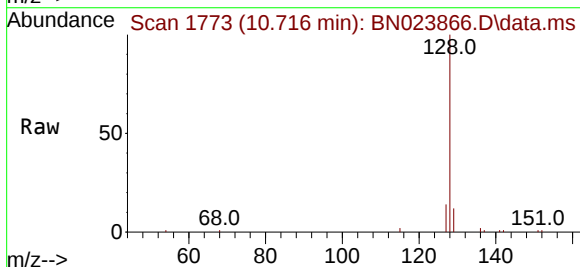
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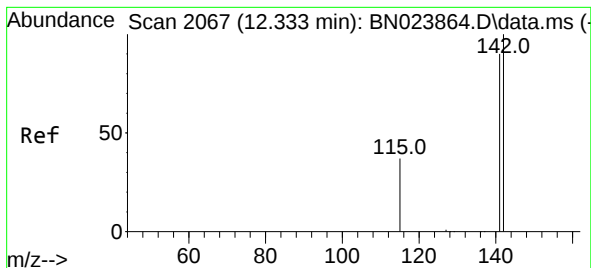
Tgt Ion: 88 Resp: 6324
Ion Ratio Lower Upper
88 100
43 30.1 41.9 62.9#
58 62.2 45.6 68.4



#5
Naphthalene
Concen: 0.289 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. -0.005 min
Lab File: BN023866.D
Acq: 31 Jan 2023 18:02

Tgt Ion: 128 Resp: 8869
Ion Ratio Lower Upper
128 100
129 12.0 9.7 14.5
127 14.2 11.1 16.7

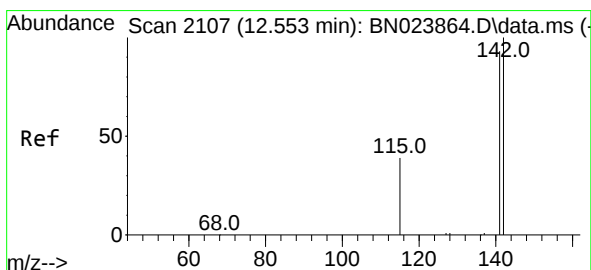
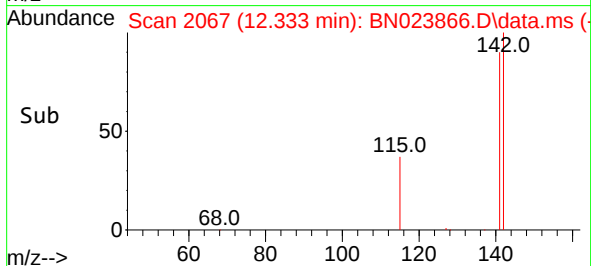
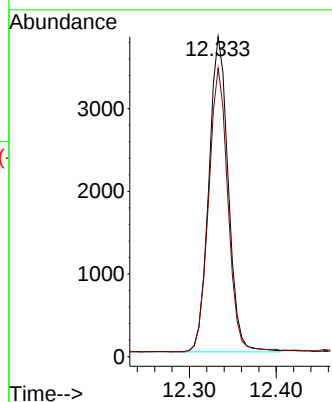
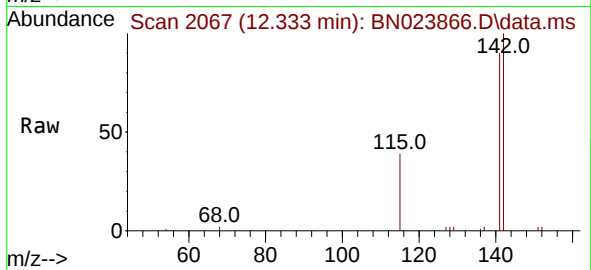




#7
2-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BN023866.D
Acq: 31 Jan 2023 18:02

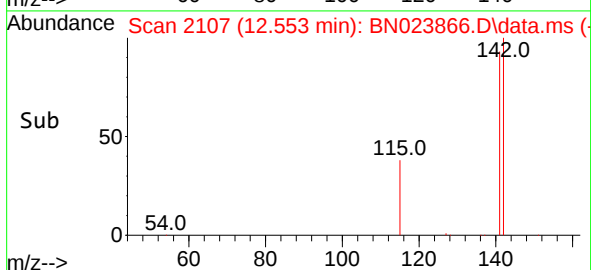
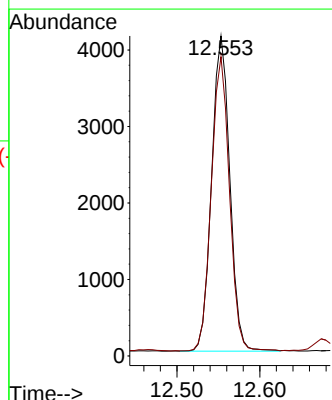
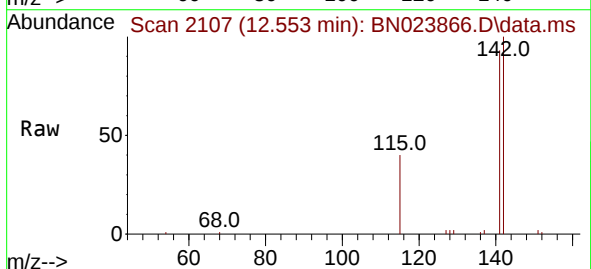
Instrument :
BNA_N
ClientSampleId :
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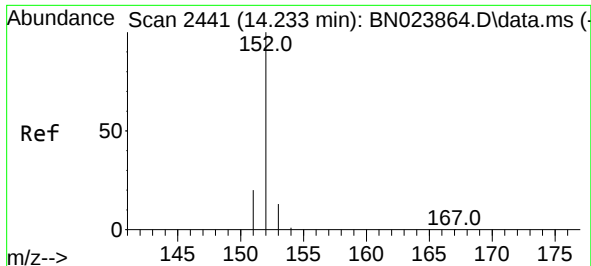
Tgt Ion:142 Resp: 5896
Ion Ratio Lower Upper
142 100
141 89.6 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BN023866.D
Acq: 31 Jan 2023 18:02

Tgt Ion:142 Resp: 6294
Ion Ratio Lower Upper
142 100
141 93.2 74.1 111.1

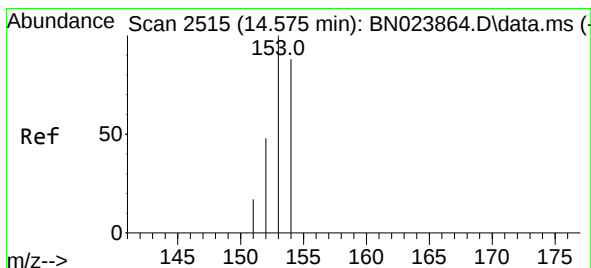
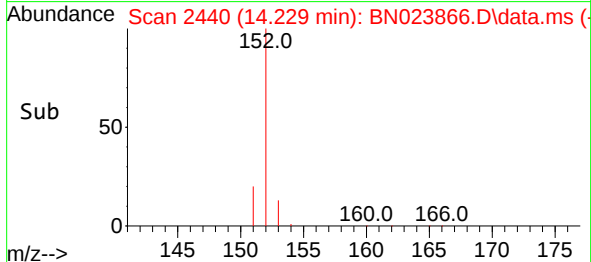
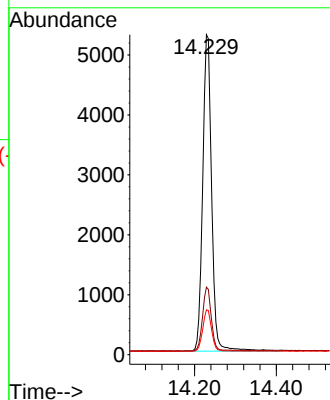
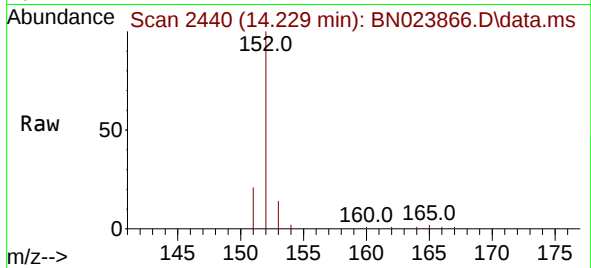




#10
Acenaphthylene
Concen: 0.290 ng/ul
RT: 14.229 min Scan# 2441
Delta R.T. -0.004 min
Lab File: BN023866.D
Acq: 31 Jan 2023 18:02

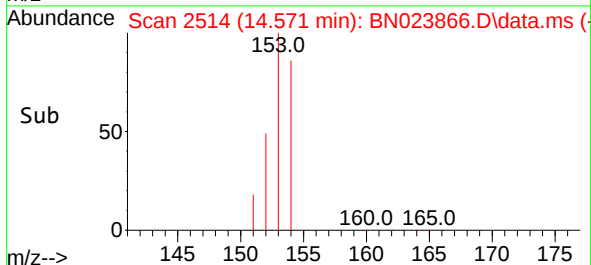
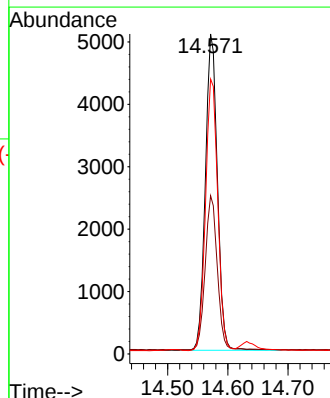
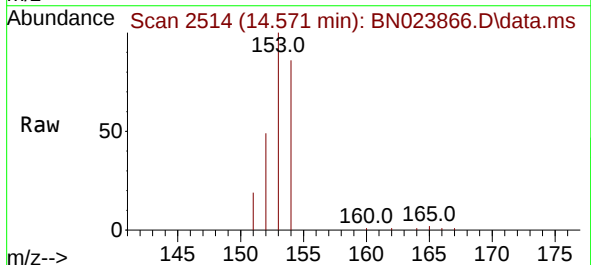
Instrument :
BNA_N
ClientSampleId :
SLCS489

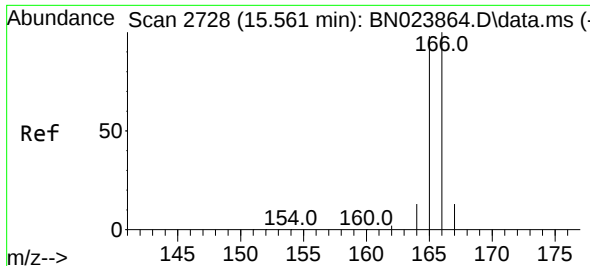
Tgt Ion:152 Resp: 8039
Ion Ratio Lower Upper
152 100
151 21.1 17.0 25.4
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.289 ng/ul
RT: 14.571 min Scan# 2514
Delta R.T. -0.004 min
Lab File: BN023866.D
Acq: 31 Jan 2023 18:02

Tgt Ion:153 Resp: 7038
Ion Ratio Lower Upper
153 100
152 49.4 39.6 59.4
154 85.9 68.8 103.2

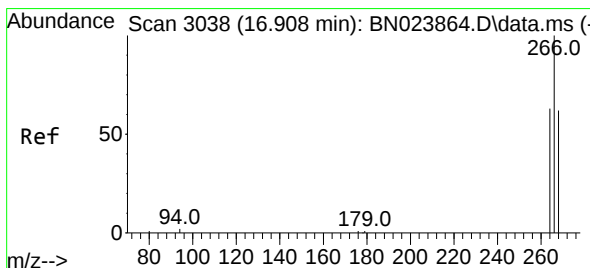
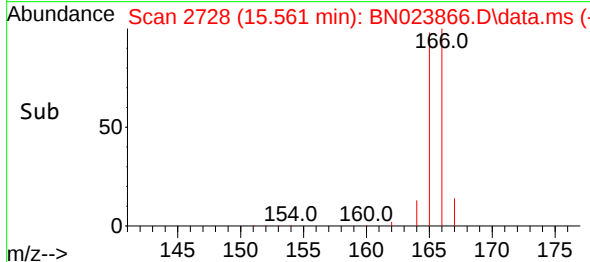
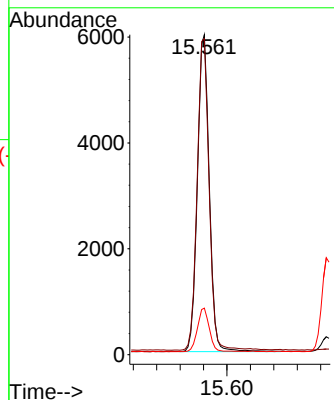
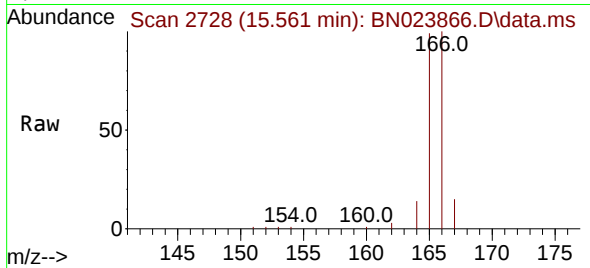




#12
Fluorene
Concen: 0.285 ng/ul
RT: 15.561 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN023866.D
Acq: 31 Jan 2023 18:02

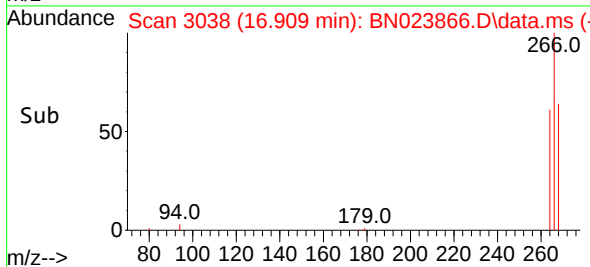
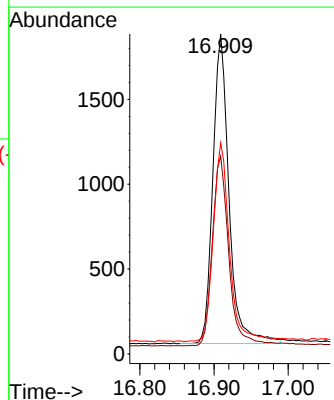
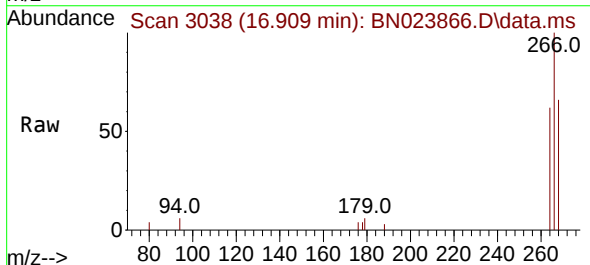
Instrument :
BNA_N
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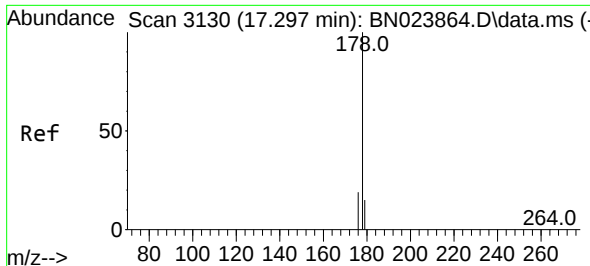
Tgt Ion:166 Resp: 8403
Ion Ratio Lower Upper
166 100
165 98.7 77.4 116.2
167 14.6 11.4 17.0



#14
Pentachlorophenol
Concen: 0.494 ng/ul
RT: 16.909 min Scan# 3038
Delta R.T. 0.000 min
Lab File: BN023866.D
Acq: 31 Jan 2023 18:02

Tgt Ion:266 Resp: 2751
Ion Ratio Lower Upper
266 100
264 62.7 49.4 74.0
268 64.7 52.0 78.0

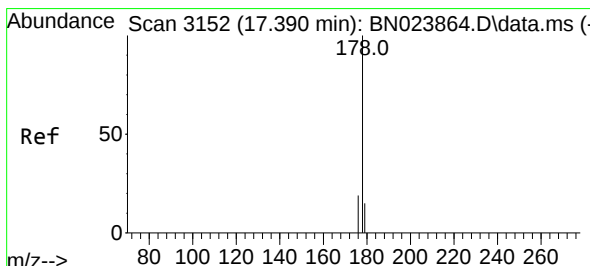
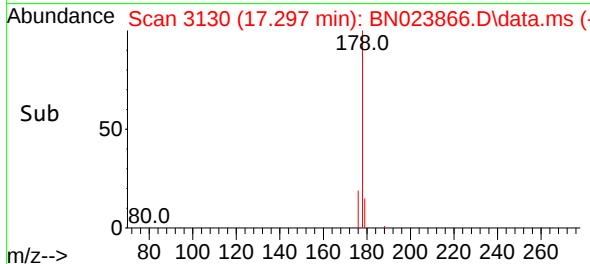
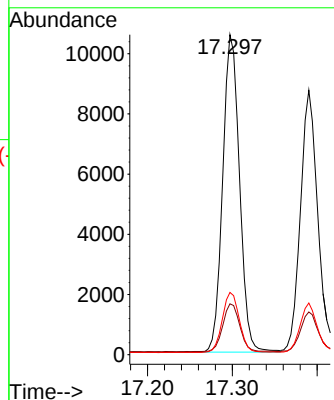
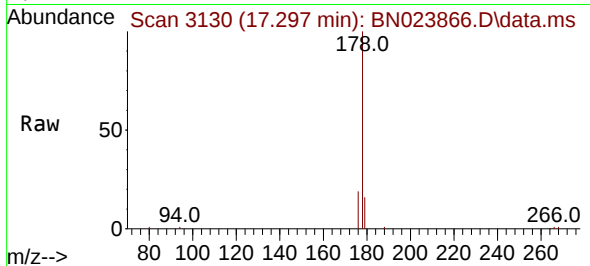




#15
Phenanthrene
Concen: 0.289 ng/u1
RT: 17.297 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BN023866.D
Acq: 31 Jan 2023 18:02

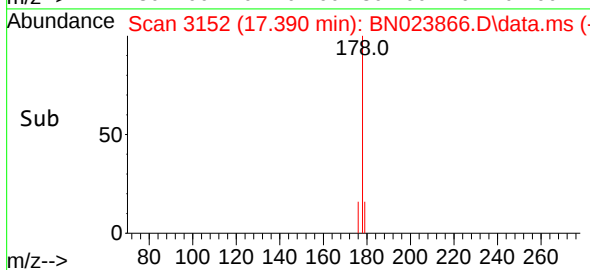
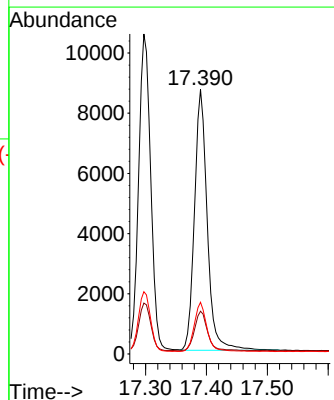
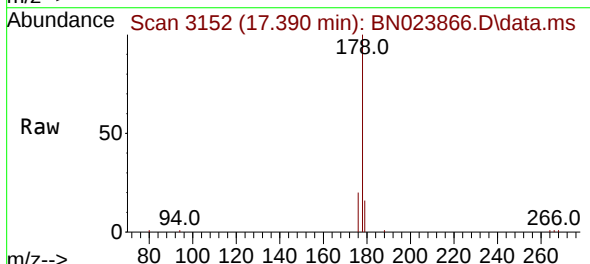
Instrument :
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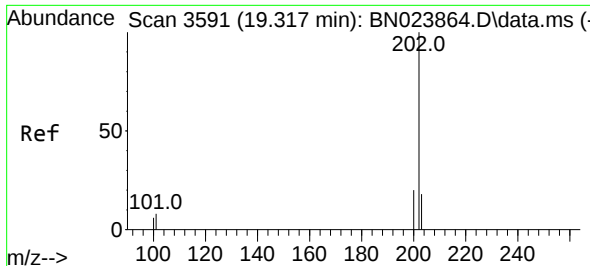
Tgt Ion:178 Resp: 14541
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.4 15.7 23.5



#16
Anthracene
Concen: 0.300 ng/u1
RT: 17.390 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BN023866.D
Acq: 31 Jan 2023 18:02

Tgt Ion:178 Resp: 12648
Ion Ratio Lower Upper
178 100
179 16.2 13.4 20.0
176 19.5 15.4 23.2

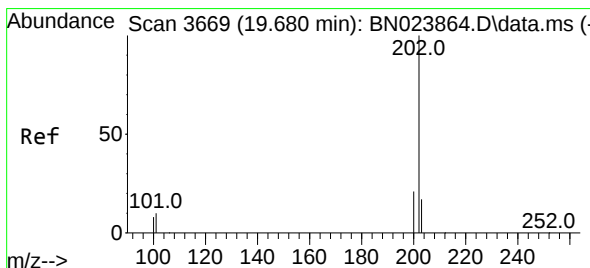
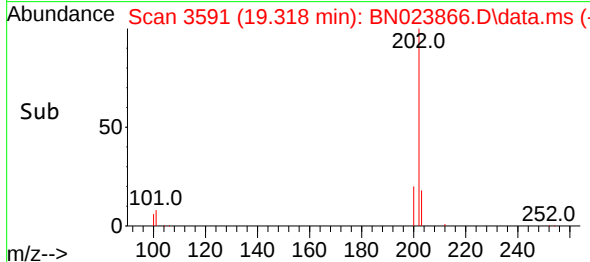
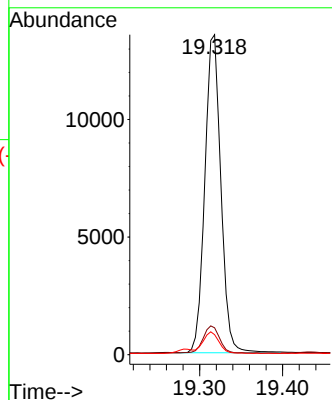
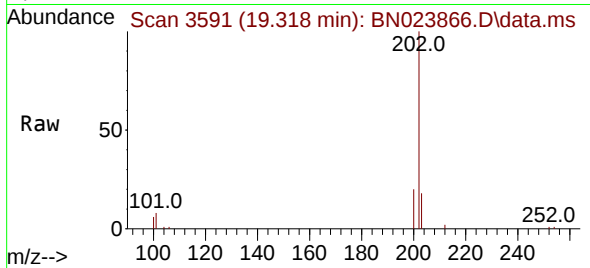




#19
Fluoranthene
Concen: 0.328 ng/ul
RT: 19.318 min Scan# 3591
Delta R.T. 0.000 min
Lab File: BN023866.D
Acq: 31 Jan 2023 18:02

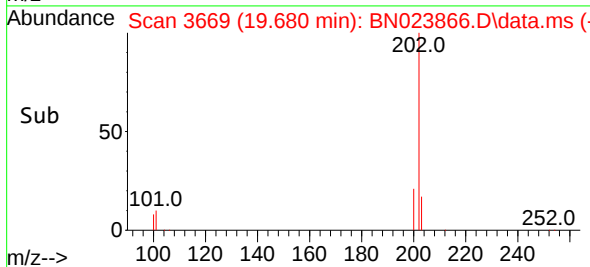
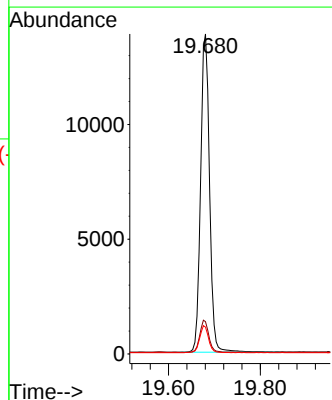
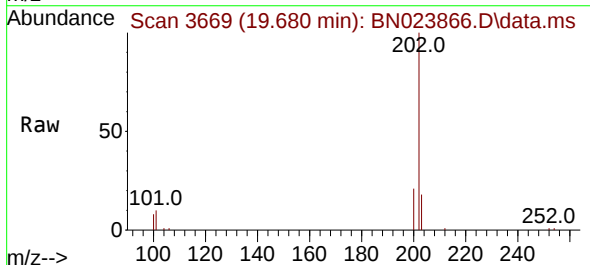
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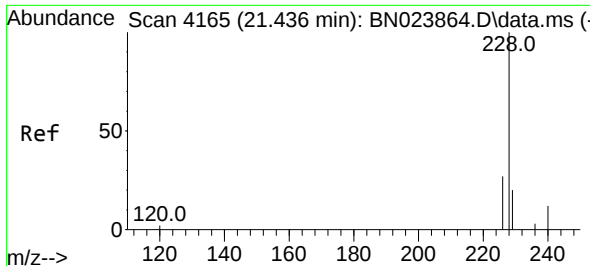
Tgt Ion:202 Resp: 18228
Ion Ratio Lower Upper
202 100
101 8.4 6.8 10.2
100 6.3 5.2 7.8



#20
Pyrene
Concen: 0.325 ng/ul
RT: 19.680 min Scan# 3669
Delta R.T. 0.000 min
Lab File: BN023866.D
Acq: 31 Jan 2023 18:02

Tgt Ion:202 Resp: 18721
Ion Ratio Lower Upper
202 100
101 10.1 8.1 12.1
100 8.4 6.2 9.4

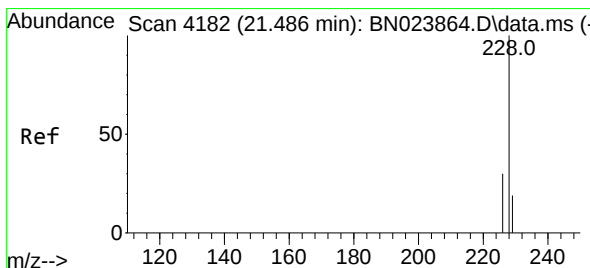
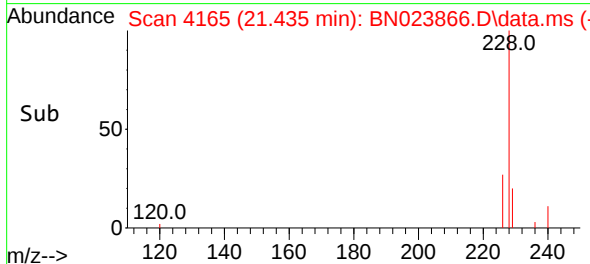
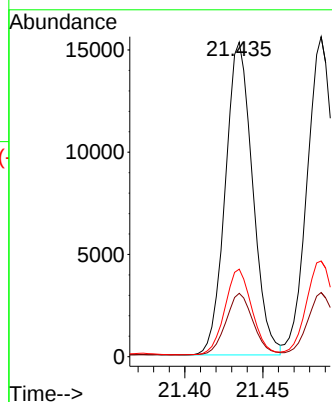
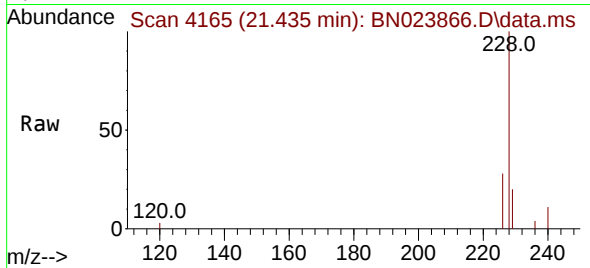




#21
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.001 min
Lab File: BN023866.D
Acq: 31 Jan 2023 18:02

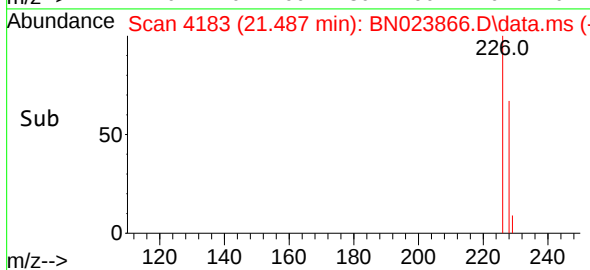
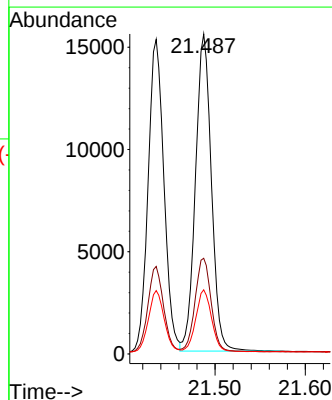
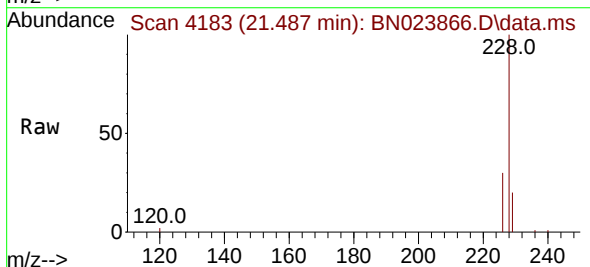
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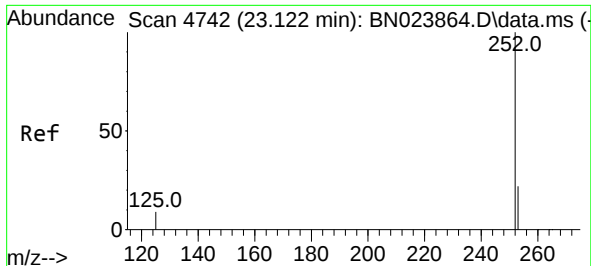
Tgt Ion:228 Resp: 18644
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.8
226 27.8 22.0 33.0



#22
Chrysene
Concen: 0.318 ng/ul
RT: 21.487 min Scan# 4183
Delta R.T. 0.002 min
Lab File: BN023866.D
Acq: 31 Jan 2023 18:02

Tgt Ion:228 Resp: 18990
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 20.0 15.5 23.3

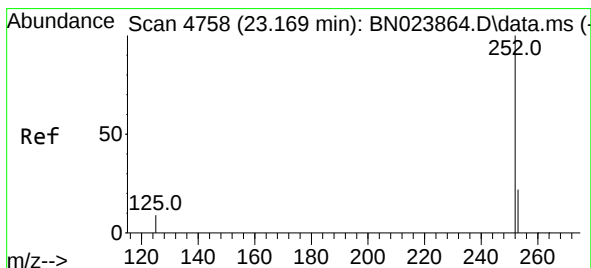
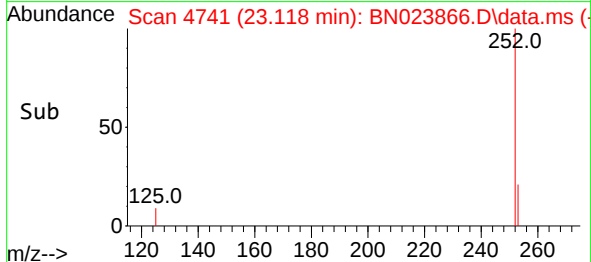
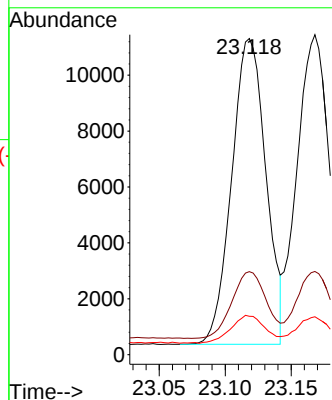
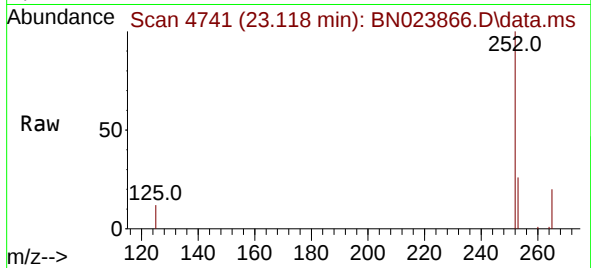




#24
Benzo(b)fluoranthene
Concen: 0.300 ng/ul
RT: 23.118 min Scan# 4741
Delta R.T. -0.004 min
Lab File: BN023866.D
Acq: 31 Jan 2023 18:02

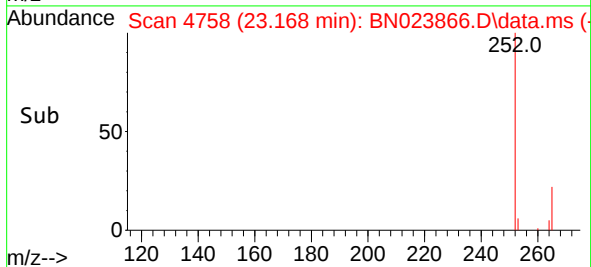
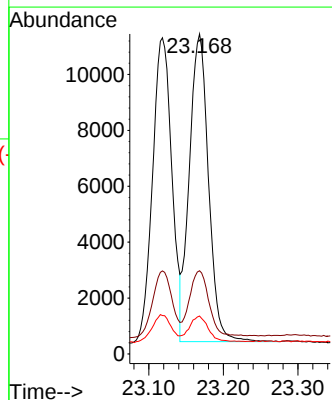
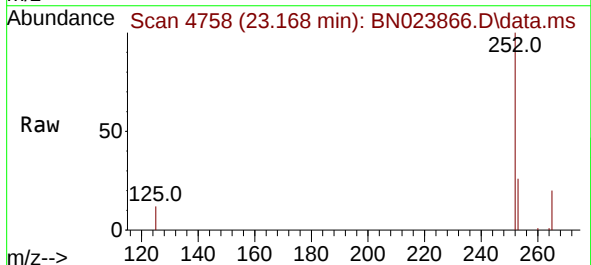
Instrument :
BNA_N
ClientSampleId :
SLCS489

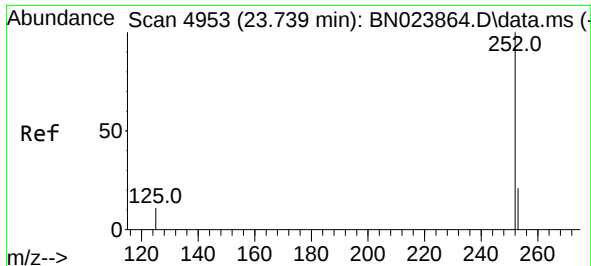
Tgt Ion:252 Resp: 19727
Ion Ratio Lower Upper
252 100
253 26.3 0.0 51.8
125 12.1 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.306 ng/ul
RT: 23.168 min Scan# 4758
Delta R.T. -0.001 min
Lab File: BN023866.D
Acq: 31 Jan 2023 18:02

Tgt Ion:252 Resp: 19643
Ion Ratio Lower Upper
252 100
253 26.0 20.2 30.2
125 11.8 9.0 13.4

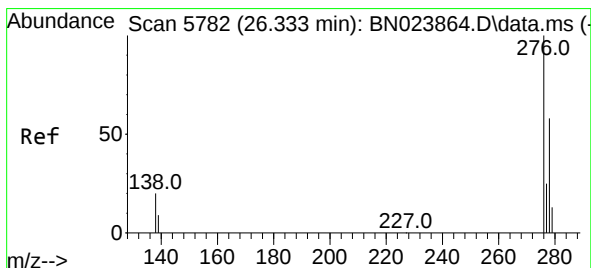
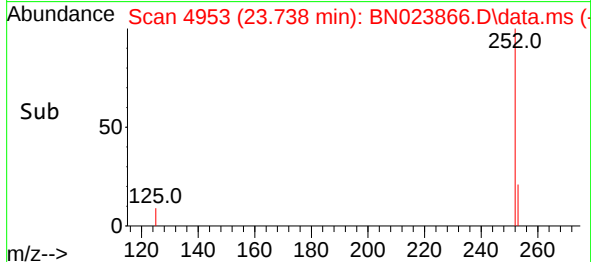
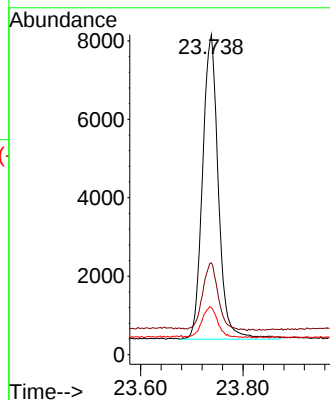
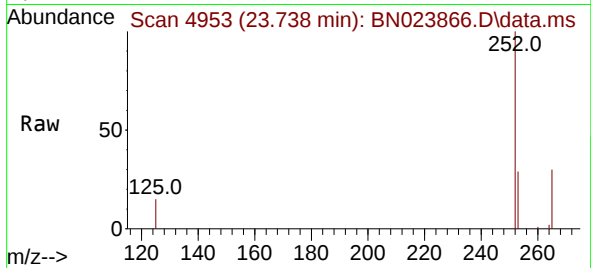




#26
Benzo(a)pyrene
Concen: 0.304 ng/ul
RT: 23.738 min Scan# 4953
Delta R.T. -0.001 min
Lab File: BN023866.D
Acq: 31 Jan 2023 18:02

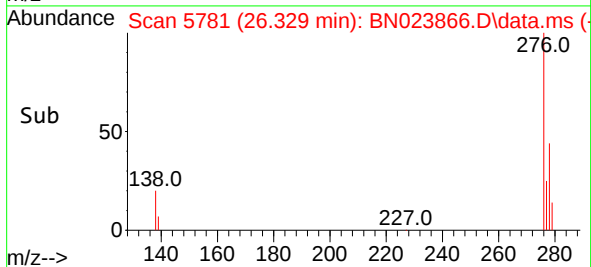
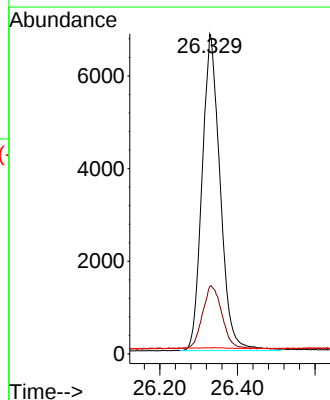
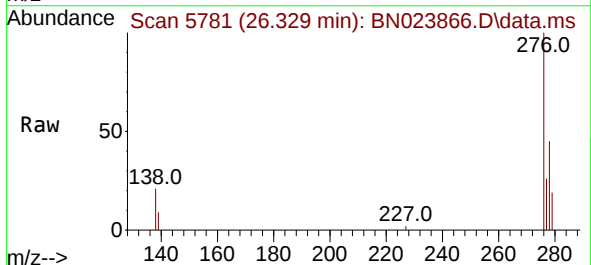
Instrument :
BNA_N
ClientSampleId :
SLCS489

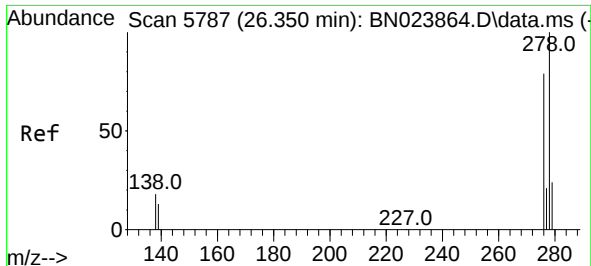
Tgt Ion:	252	Resp:	16644
Ion Ratio	Lower	Upper	
252	100		
253	28.7	21.5	32.3
125	14.7	11.2	16.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.287 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. -0.005 min
Lab File: BN023866.D
Acq: 31 Jan 2023 18:02

Tgt Ion:	276	Resp:	22054
Ion Ratio	Lower	Upper	
276	100		
138	21.6	17.0	25.6
227	0.1	0.2	0.4

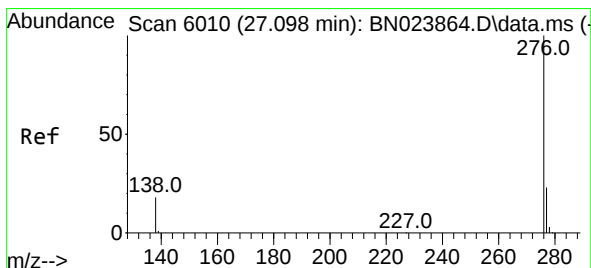
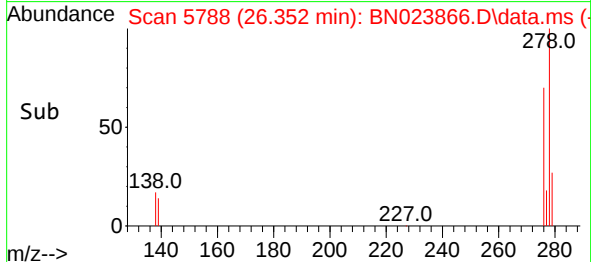
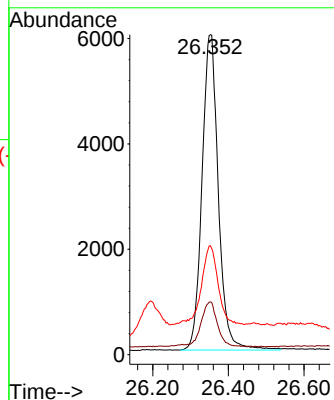
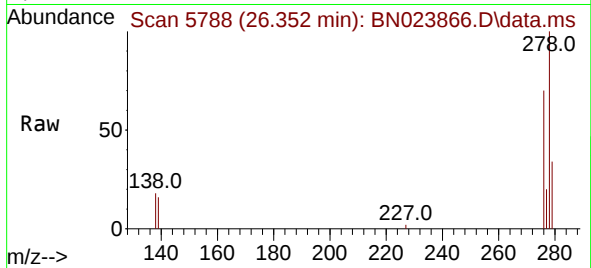




#28
Dibenzo(a,h)anthracene
Concen: 0.292 ng/ul
RT: 26.352 min Scan# 51
Delta R.T. 0.002 min
Lab File: BN023866.D
Acq: 31 Jan 2023 18:02

Instrument :
BNA_N
ClientSampleId :
SLCS489

Tgt Ion:278 Resp: 17943
Ion Ratio Lower Upper
278 100
139 16.5 12.3 18.5
279 34.1 21.4 32.0#



#29
Benzo(g,h,i)perylene
Concen: 0.294 ng/ul
RT: 27.093 min Scan# 6009
Delta R.T. -0.005 min
Lab File: BN023866.D
Acq: 31 Jan 2023 18:02

Tgt Ion:276 Resp: 18564
Ion Ratio Lower Upper
276 100
138 20.1 15.3 22.9
277 24.8 19.9 29.9

