

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013123\
 Data File : BN023883.D
 Acq On : 01 Feb 2023 05:04
 Operator : CG/JU
 Sample : PB150471BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS471

Quant Time: Feb 01 05:53:41 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)

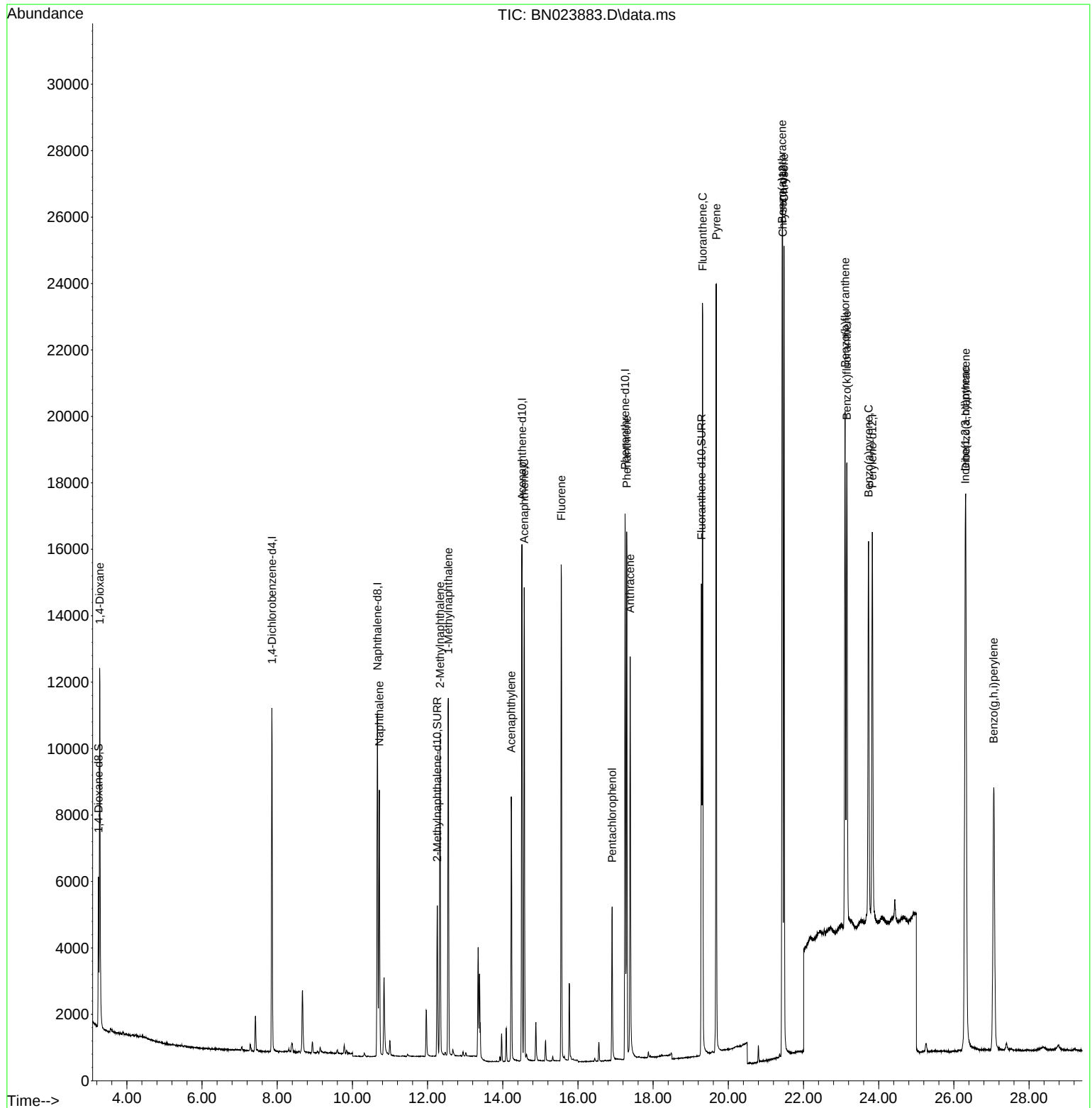
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	5164	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	13499	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.510	164	8233	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.254	188	19052	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.447	240	18049	0.400	ng/ul	0.00
23) Perylene-d12	23.829	264	15710	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.243	96	2900	0.524	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	5928	0.281	ng/ul	0.00
18) Fluoranthene-d10	19.284	212	15615	0.322	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.277	88	7609	1.297	ng/ul#	79
5) Naphthalene	10.715	128	10438	0.283	ng/ul	100
7) 2-Methylnaphthalene	12.332	142	6778	0.282	ng/ul	99
8) 1-Methylnaphthalene	12.552	142	7254	0.295	ng/ul	100
10) Acenaphthylene	14.228	152	8940	0.284	ng/ul	100
11) Acenaphthene	14.570	153	7857	0.283	ng/ul	98
12) Fluorene	15.555	166	9336	0.279	ng/ul	97
14) Pentachlorophenol	16.908	266	3025	0.481	ng/ul	99
15) Phenanthrene	17.296	178	16137	0.284	ng/ul	100
16) Anthracene	17.389	178	13393	0.282	ng/ul	99
19) Fluoranthene	19.317	202	19411	0.323	ng/ul	98
20) Pyrene	19.679	202	19726	0.317	ng/ul	98
21) Benzo(a)anthracene	21.429	228	18814	0.307	ng/ul	100
22) Chrysene	21.482	228	19676	0.305	ng/ul	99
24) Benzo(b)fluoranthene	23.104	252	20784	0.299	ng/ul	98
25) Benzo(k)fluoranthene	23.151	252	19607	0.289	ng/ul	98
26) Benzo(a)pyrene	23.730	252	17207	0.298	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.302	276	21773	0.268	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.316	278	17125	0.264	ng/ul	97
29) Benzo(g,h,i)perylene	27.060	276	18112	0.271	ng/ul	98

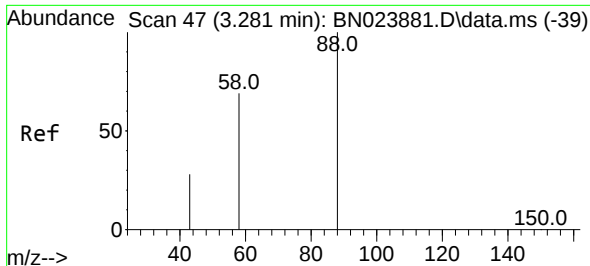
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

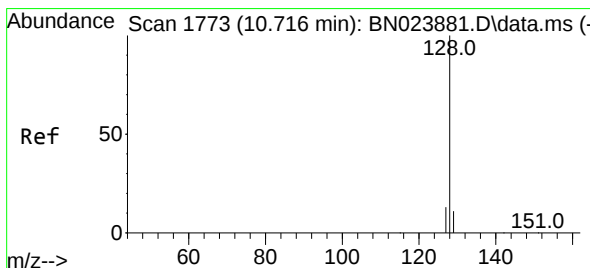
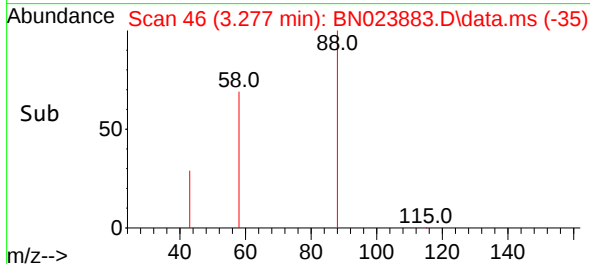
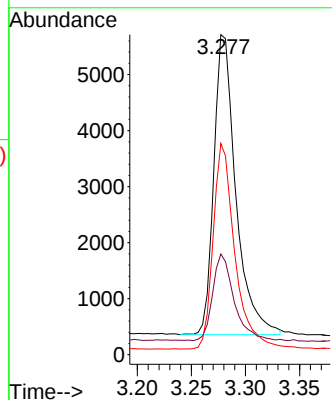
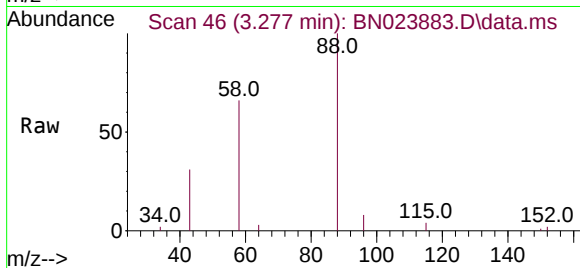




#2
1,4-Dioxane
Concen: 1.297 ng/ul
RT: 3.277 min Scan# 46
Delta R.T. -0.004 min
Lab File: BN023883.D
Acq: 01 Feb 2023 05:04

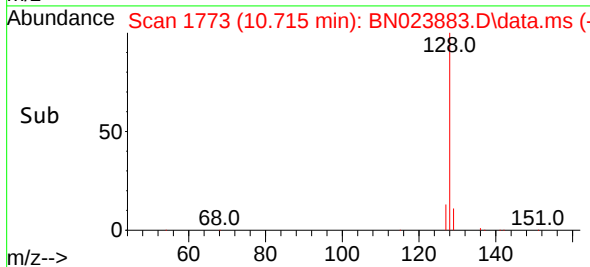
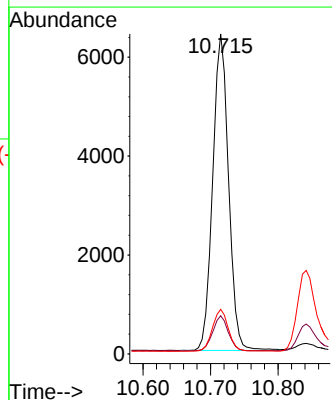
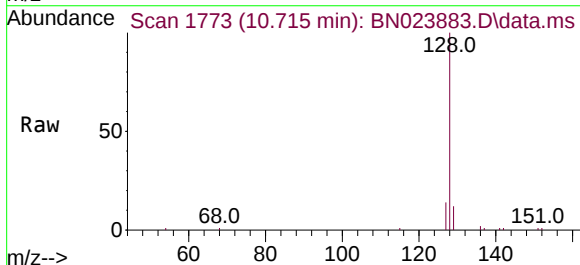
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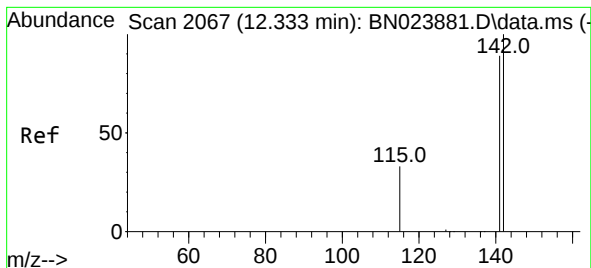
Tgt Ion: 88 Resp: 7609
Ion Ratio Lower Upper
88 100
43 31.4 41.9 62.9#
58 66.0 45.6 68.4



#5
Naphthalene
Concen: 0.283 ng/ul
RT: 10.715 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BN023883.D
Acq: 01 Feb 2023 05:04

Tgt Ion:128 Resp: 10438
Ion Ratio Lower Upper
128 100
129 11.9 9.7 14.5
127 13.9 11.1 16.7

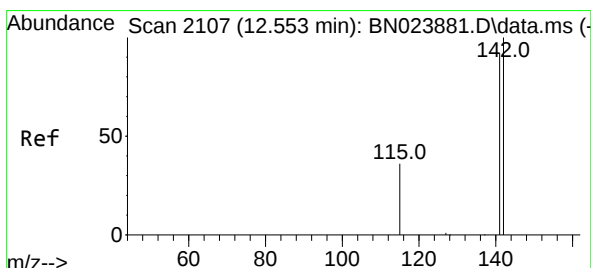
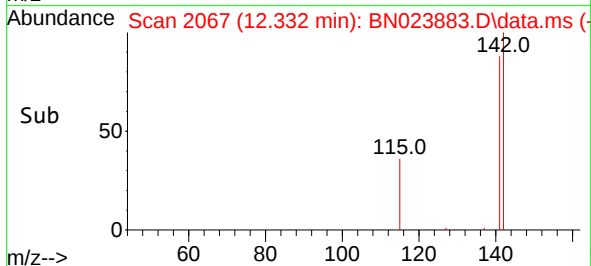
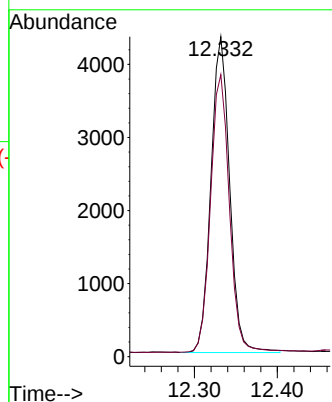
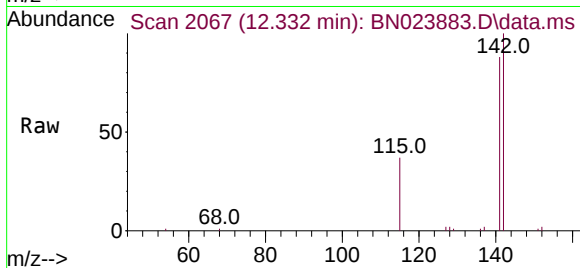




#7
2-Methylnaphthalene
Concen: 0.282 ng/ul
RT: 12.332 min Scan# 2067
Delta R.T. -0.001 min
Lab File: BN023883.D
Acq: 01 Feb 2023 05:04

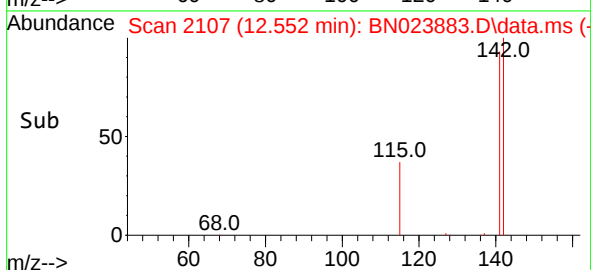
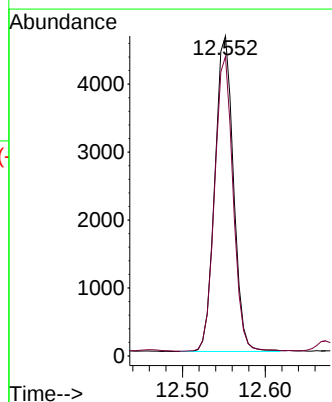
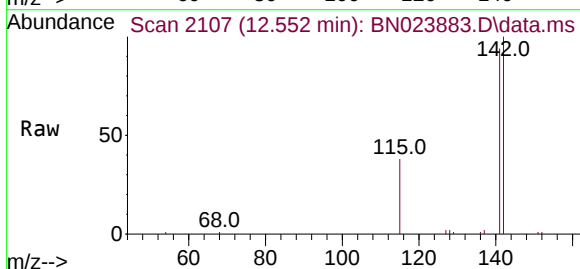
Instrument :
BNA_N
ClientSampleId :
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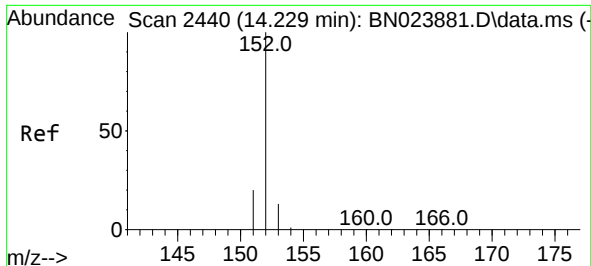
Tgt Ion:142 Resp: 6778
Ion Ratio Lower Upper
142 100
141 88.6 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 12.552 min Scan# 2107
Delta R.T. -0.001 min
Lab File: BN023883.D
Acq: 01 Feb 2023 05:04

Tgt Ion:142 Resp: 7254
Ion Ratio Lower Upper
142 100
141 92.7 74.1 111.1

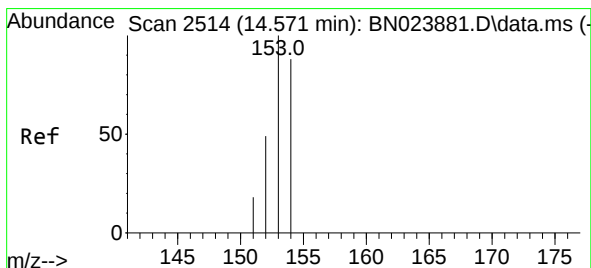
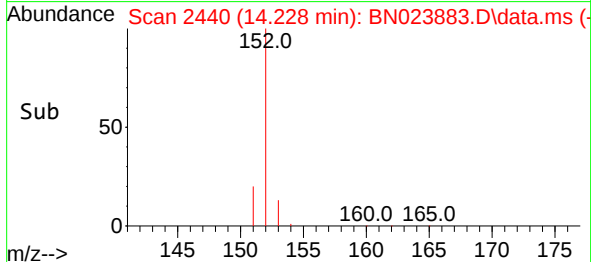
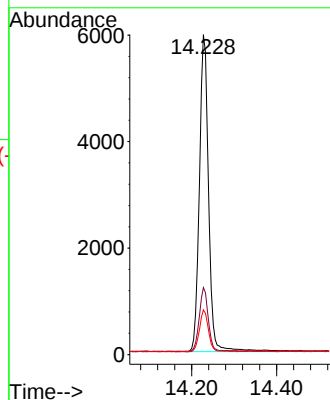
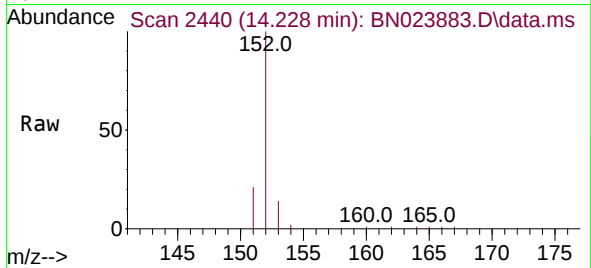




#10
Acenaphthylene
Concen: 0.284 ng/ul
RT: 14.228 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN023883.D
Acq: 01 Feb 2023 05:04

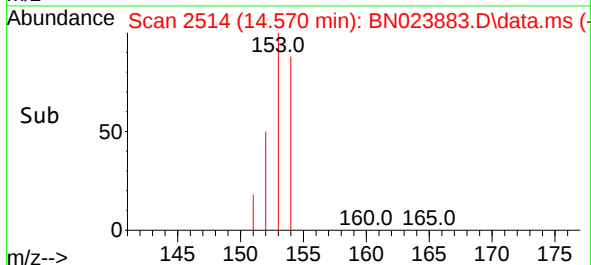
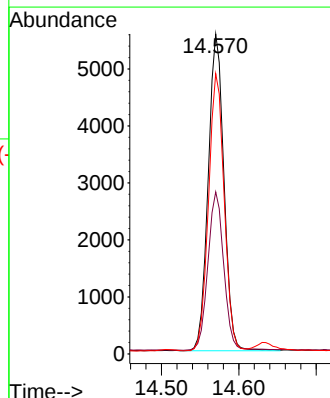
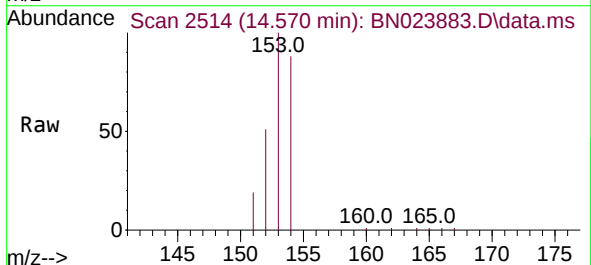
Instrument :
BNA_N
ClientSampleId :
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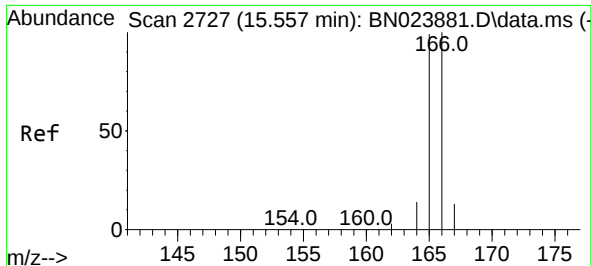
Tgt Ion:152 Resp: 8940
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.4
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.283 ng/ul
RT: 14.570 min Scan# 2514
Delta R.T. -0.005 min
Lab File: BN023883.D
Acq: 01 Feb 2023 05:04

Tgt Ion:153 Resp: 7857
Ion Ratio Lower Upper
153 100
152 50.6 39.6 59.4
154 87.6 68.8 103.2

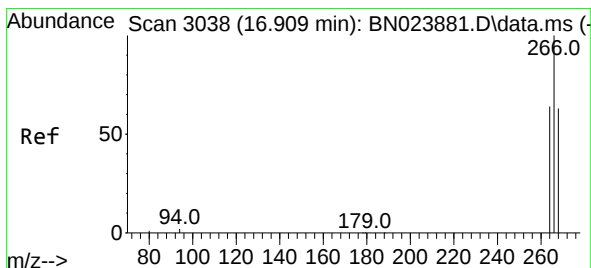
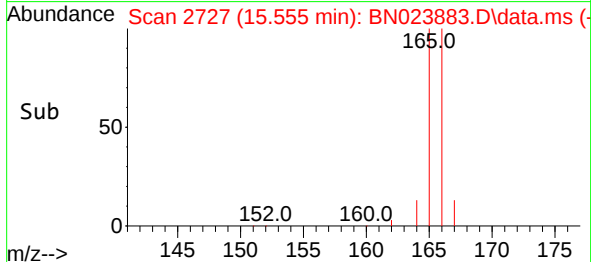
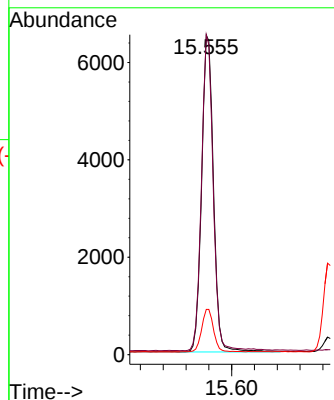
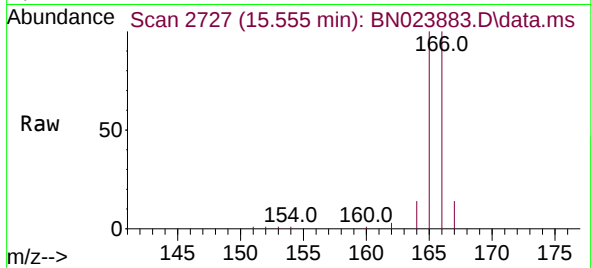




#12
Fluorene
Concen: 0.279 ng/ul
RT: 15.555 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN023883.D
Acq: 01 Feb 2023 05:04

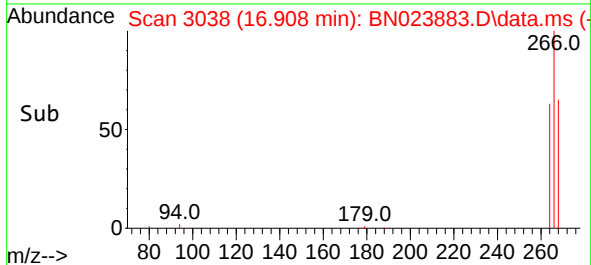
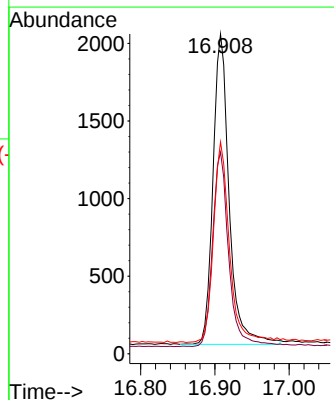
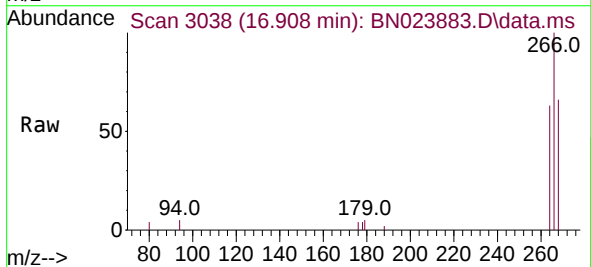
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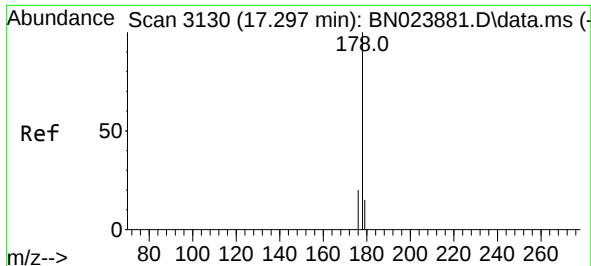
Tgt Ion:166 Resp: 9336
Ion Ratio Lower Upper
166 100
165 100.1 77.4 116.2
167 14.2 11.4 17.0



#14
Pentachlorophenol
Concen: 0.481 ng/ul
RT: 16.908 min Scan# 3038
Delta R.T. -0.001 min
Lab File: BN023883.D
Acq: 01 Feb 2023 05:04

Tgt Ion:266 Resp: 3025
Ion Ratio Lower Upper
266 100
264 62.2 49.4 74.0
268 64.4 52.0 78.0

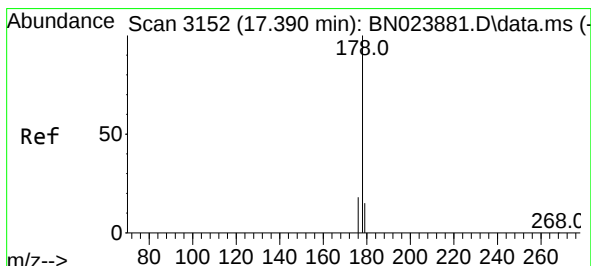
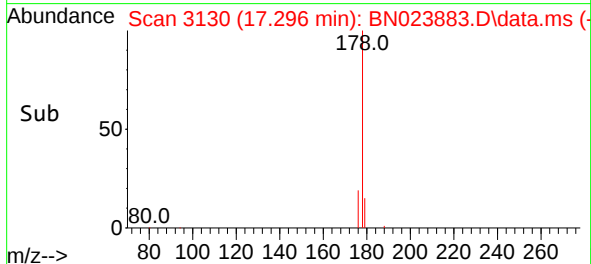
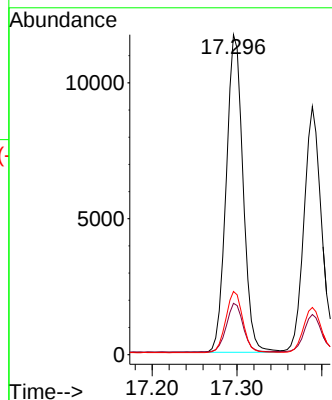
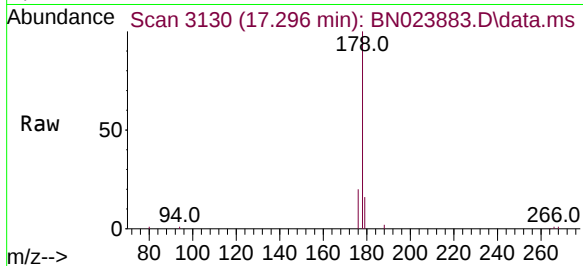




#15
Phenanthrene
Concen: 0.284 ng/ul
RT: 17.296 min Scan# 3113
Delta R.T. -0.001 min
Lab File: BN023883.D
Acq: 01 Feb 2023 05:04

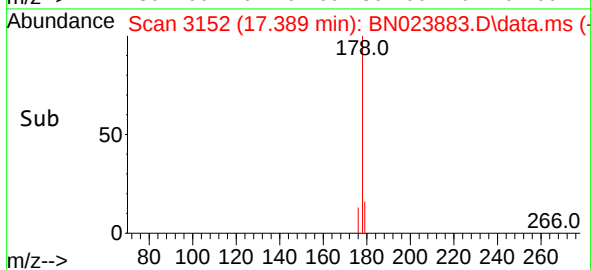
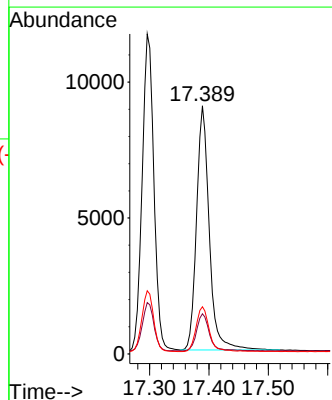
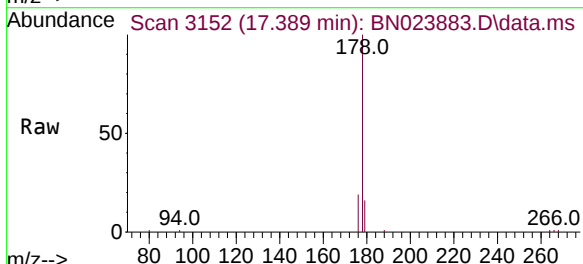
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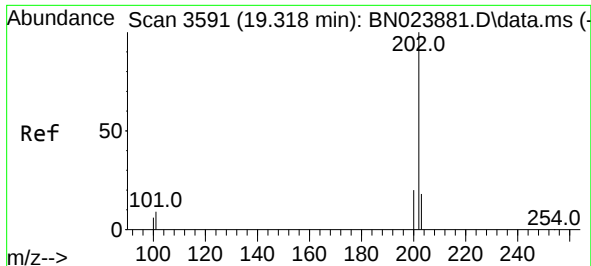
Tgt Ion:178 Resp: 16137
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.7 15.7 23.5



#16
Anthracene
Concen: 0.282 ng/ul
RT: 17.389 min Scan# 3152
Delta R.T. -0.001 min
Lab File: BN023883.D
Acq: 01 Feb 2023 05:04

Tgt Ion:178 Resp: 13393
Ion Ratio Lower Upper
178 100
179 16.2 13.4 20.0
176 19.0 15.4 23.2

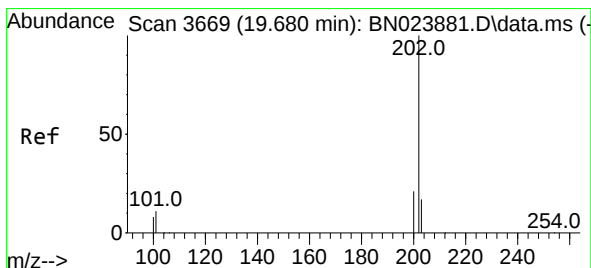
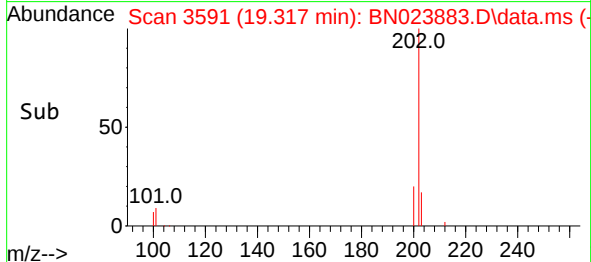
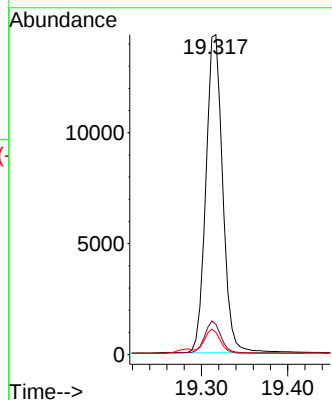
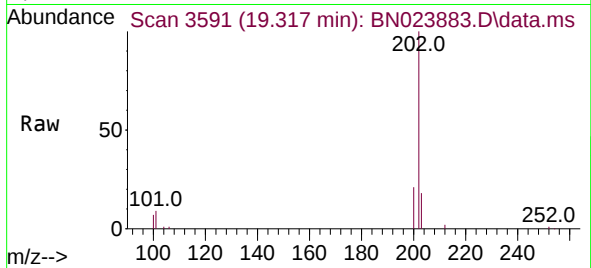




#19
Fluoranthene
Concen: 0.323 ng/ul
RT: 19.317 min Scan# 3591
Delta R.T. -0.001 min
Lab File: BN023883.D
Acq: 01 Feb 2023 05:04

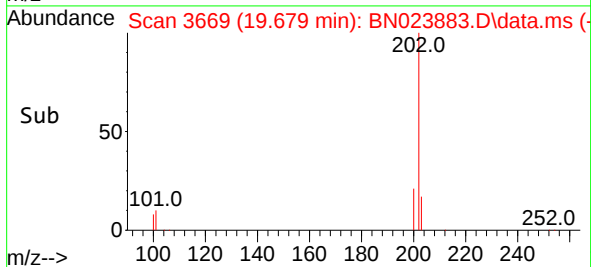
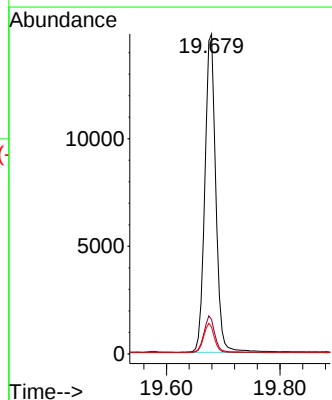
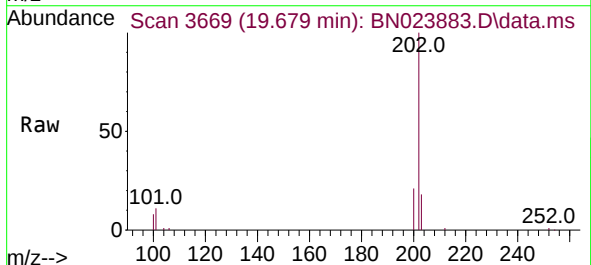
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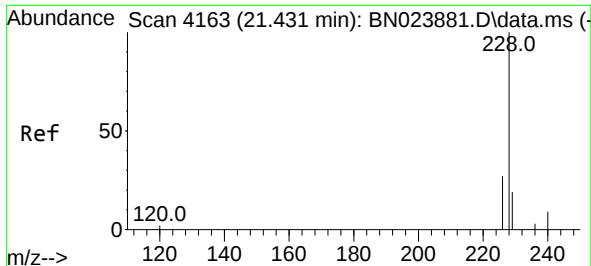
Tgt Ion:202 Resp: 19411
Ion Ratio Lower Upper
202 100
101 9.5 6.8 10.2
100 7.0 5.2 7.8



#20
Pyrene
Concen: 0.317 ng/ul
RT: 19.679 min Scan# 3669
Delta R.T. -0.001 min
Lab File: BN023883.D
Acq: 01 Feb 2023 05:04

Tgt Ion:202 Resp: 19726
Ion Ratio Lower Upper
202 100
101 10.7 8.1 12.1
100 8.4 6.2 9.4

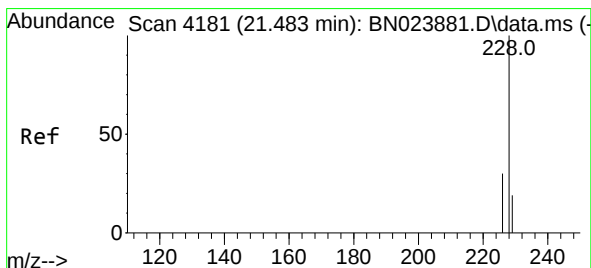
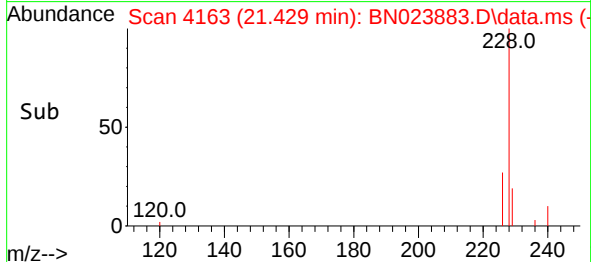
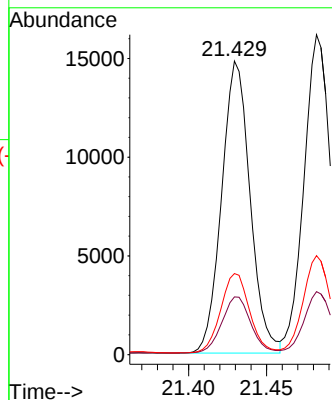
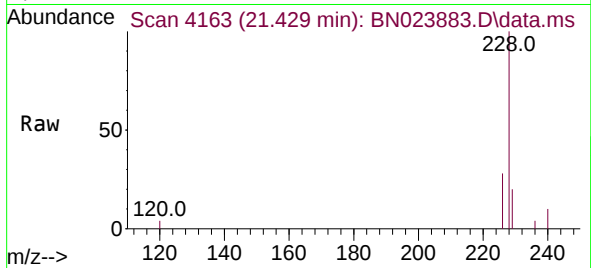




#21
Benzo(a)anthracene
Concen: 0.307 ng/ul
RT: 21.429 min Scan# 4163
Delta R.T. -0.007 min
Lab File: BN023883.D
Acq: 01 Feb 2023 05:04

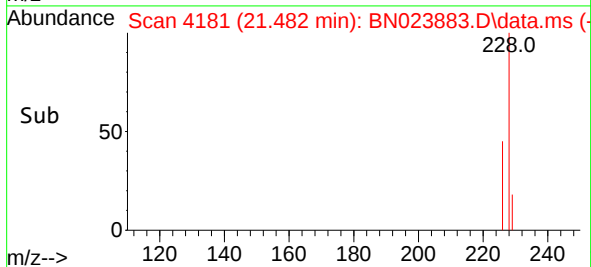
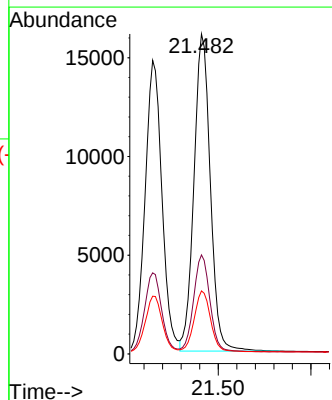
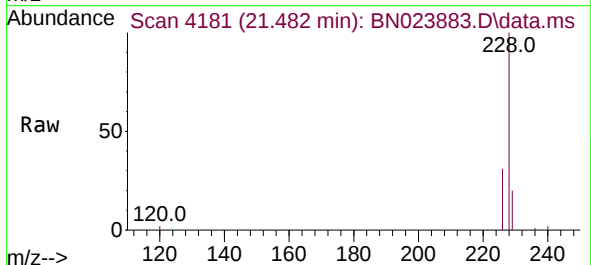
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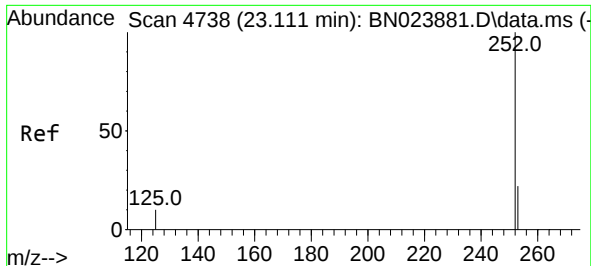
Tgt Ion:228 Resp: 18814
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.8
226 27.6 22.0 33.0



#22
Chrysene
Concen: 0.305 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. -0.004 min
Lab File: BN023883.D
Acq: 01 Feb 2023 05:04

Tgt Ion:228 Resp: 19676
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.2
229 19.7 15.5 23.3

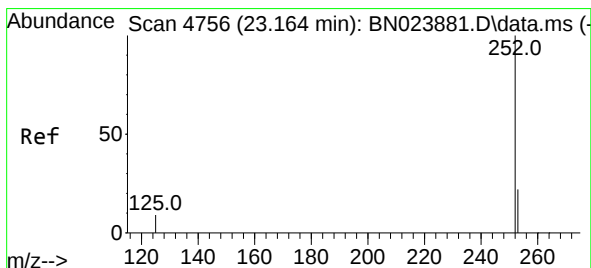
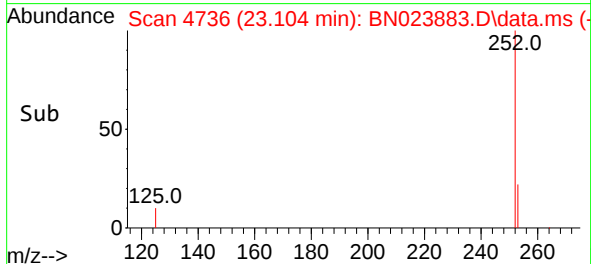
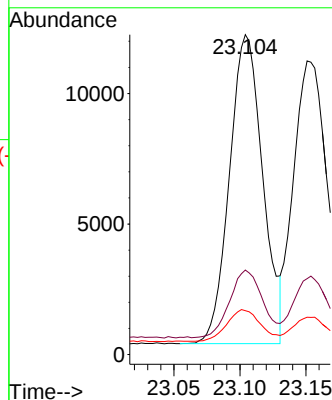
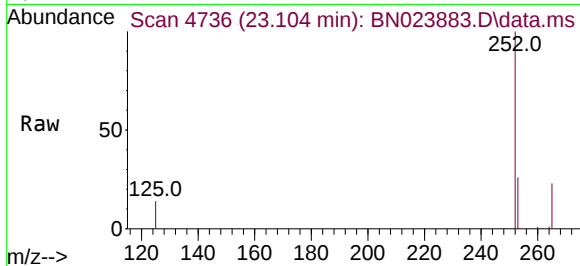




#24
Benzo(b)fluoranthene
Concen: 0.299 ng/ul
RT: 23.104 min Scan# 4736
Delta R.T. -0.018 min
Lab File: BN023883.D
Acq: 01 Feb 2023 05:04

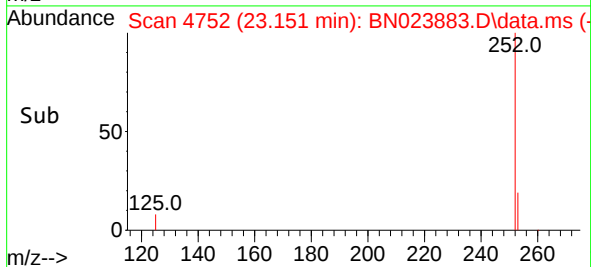
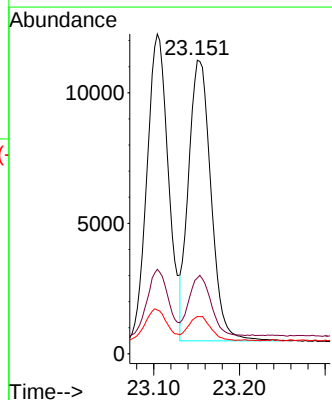
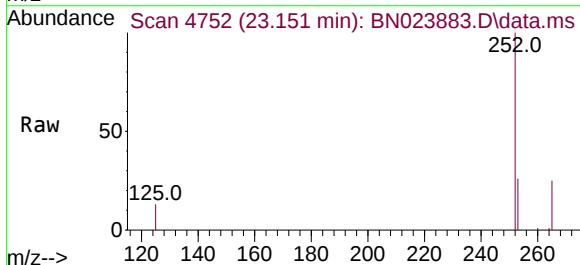
Instrument :
BNA_N
ClientSampleId :
SLCS471

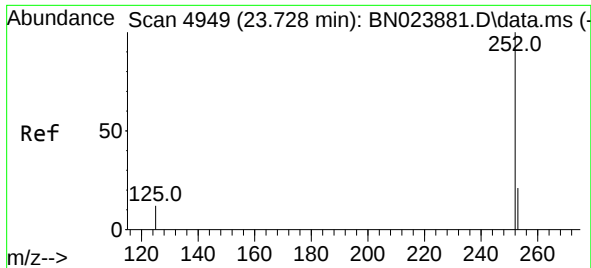
Tgt Ion:252 Resp: 20784
Ion Ratio Lower Upper
252 100
253 26.4 0.0 51.8
125 13.7 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.289 ng/ul
RT: 23.151 min Scan# 4752
Delta R.T. -0.018 min
Lab File: BN023883.D
Acq: 01 Feb 2023 05:04

Tgt Ion:252 Resp: 19607
Ion Ratio Lower Upper
252 100
253 25.9 20.2 30.2
125 12.7 9.0 13.4

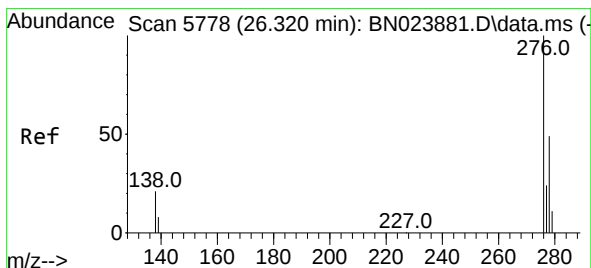
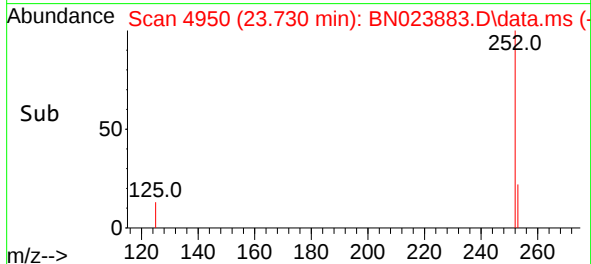
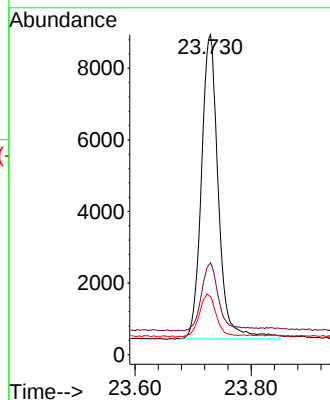
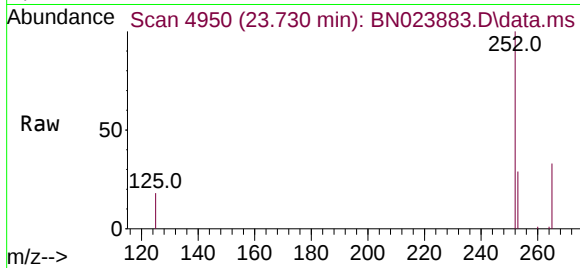




#26
Benzo(a)pyrene
Concen: 0.298 ng/ul
RT: 23.730 min Scan# 4949
Delta R.T. -0.010 min
Lab File: BN023883.D
Acq: 01 Feb 2023 05:04

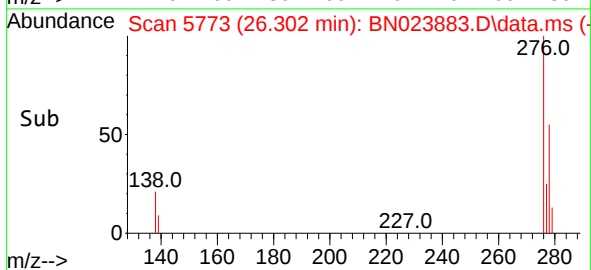
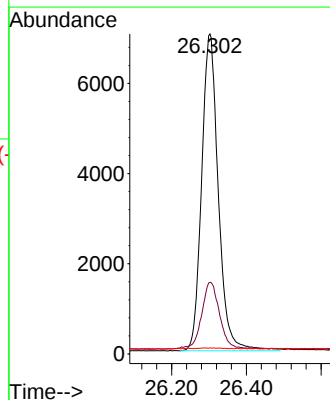
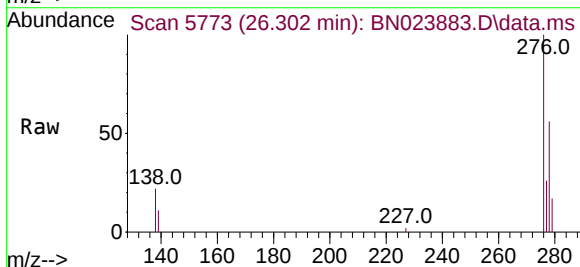
Instrument :
BNA_N
ClientSampleId :
SLCS471

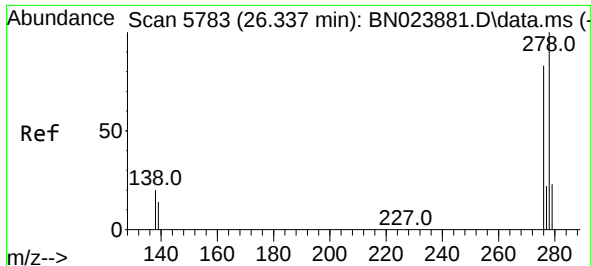
Tgt Ion:252 Resp: 17207
Ion Ratio Lower Upper
252 100
253 28.7 21.5 32.3
125 18.2 11.2 16.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.268 ng/ul
RT: 26.302 min Scan# 5773
Delta R.T. -0.031 min
Lab File: BN023883.D
Acq: 01 Feb 2023 05:04

Tgt Ion:276 Resp: 21773
Ion Ratio Lower Upper
276 100
138 22.9 17.0 25.6
227 0.1 0.2 0.4#

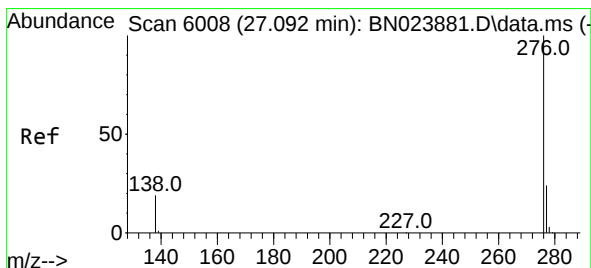
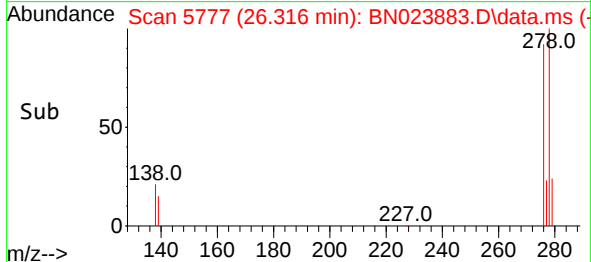
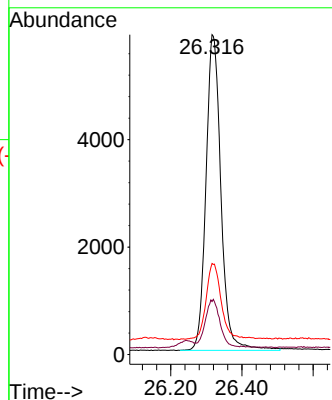
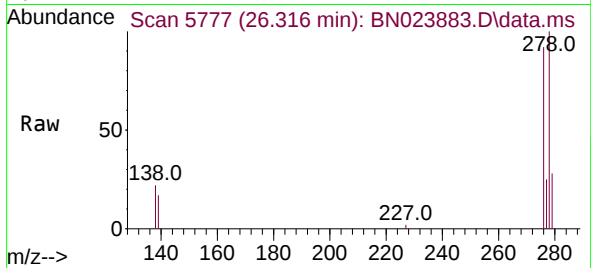




#28
Dibenzo(a,h)anthracene
Concen: 0.264 ng/ul
RT: 26.316 min Scan# 51
Delta R.T. -0.034 min
Lab File: BN023883.D
Acq: 01 Feb 2023 05:04

Instrument :
BNA_N
ClientSampleId :
SLCS471

Tgt Ion:278 Resp: 17125
Ion Ratio Lower Upper
278 100
139 16.6 12.3 18.5
279 28.5 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.271 ng/ul
RT: 27.060 min Scan# 5999
Delta R.T. -0.038 min
Lab File: BN023883.D
Acq: 01 Feb 2023 05:04

Tgt Ion:276 Resp: 18112
Ion Ratio Lower Upper
276 100
138 21.2 15.3 22.9
277 25.2 19.9 29.9

