

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041822\
 Data File : BN019478.D
 Acq On : 18 Apr 2022 14:44
 Operator : CG/JU
 Sample : SSTD3.228
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2228

Quant Time: Apr 18 15:21:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 18 15:02:34 2022
 Response via : Initial Calibration

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

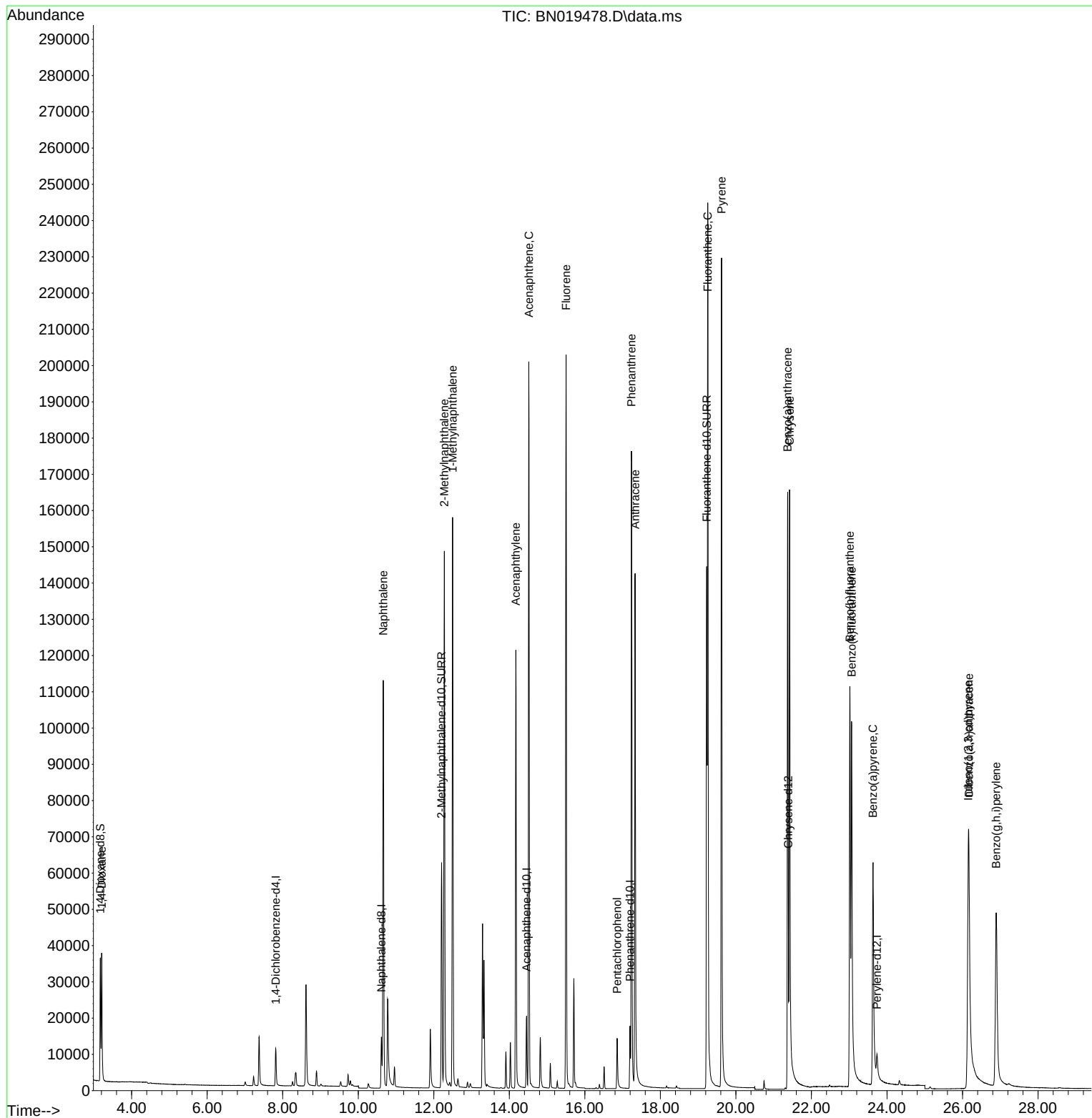
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	6122	0.400	ng/ul	0.00
4) Naphthalene-d8	10.613	136	18570	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	10731	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.197	188	19916	0.400	ng/ul	0.00
17) Chrysene-d12	21.386	240	14662	0.400	ng/ul	0.00
23) Perylene-d12	23.736	264	9812	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.173	96	20592	2.614	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.208	152	81482	3.101	ng/ul	-0.01
18) Fluoranthene-d10	19.226	212	158470	2.919	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.207	88	21049	2.773	ng/ul#	68
5) Naphthalene	10.662	128	154967	2.932	ng/ul	98
7) 2-Methylnaphthalene	12.279	142	106380	3.093	ng/ul#	100
8) 1-Methylnaphthalene	12.499	142	106399	2.945	ng/ul#	100
10) Acenaphthylene	14.174	152	136654	3.511	ng/ul	98
11) Acenaphthene	14.517	153	113941	2.930	ng/ul	99
12) Fluorene	15.502	166	127581	2.950	ng/ul	99
14) Pentachlorophenol	16.855	266	10976	3.434	ng/ul	90
15) Phenanthrene	17.235	178	194178	2.934	ng/ul	99
16) Anthracene	17.332	178	170669	3.356	ng/ul	98
19) Fluoranthene	19.254	202	217201	2.977	ng/ul	99
20) Pyrene	19.621	202	215526	2.777	ng/ul	99
21) Benzo(a)anthracene	21.369	228	151413	3.355	ng/ul	99
22) Chrysene	21.421	228	160977	2.725	ng/ul	99
24) Benzo(b)fluoranthene	23.017	252	147640	3.251	ng/ul	88
25) Benzo(k)fluoranthene	23.064	252	154469	2.945	ng/ul	93
26) Benzo(a)pyrene	23.631	252	121194	3.123	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.152	276	128227	2.972	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.169	278	91681	2.985	ng/ul#	78
29) Benzo(g,h,i)perylene	26.893	276	118288	2.837	ng/ul	96

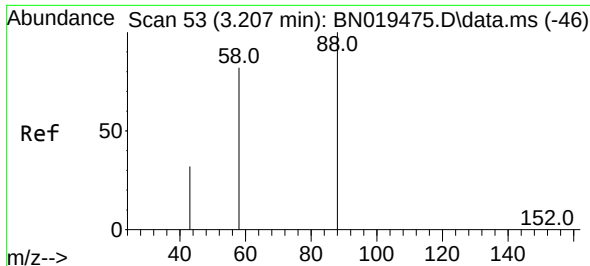
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041822\
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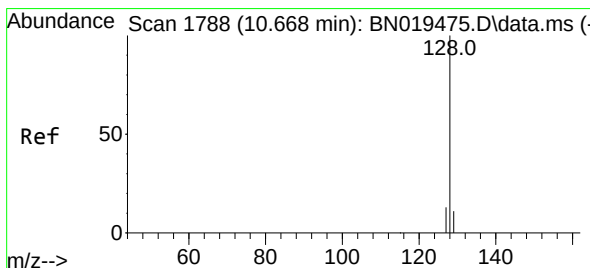
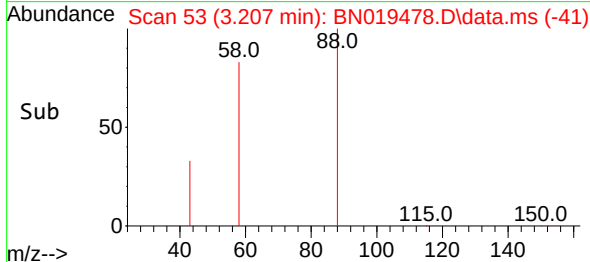
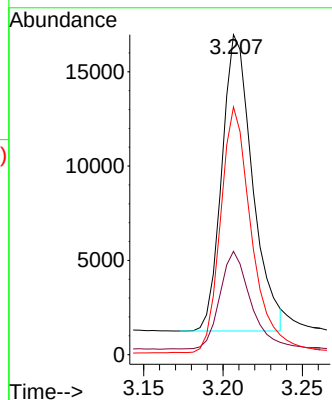
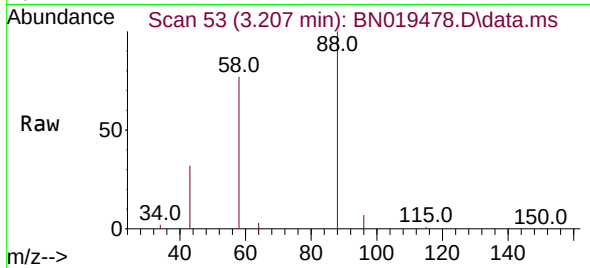




#2
1,4-Dioxane
Concen: 2.773 ng/ul
RT: 3.207 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN019478.D
Acq: 18 Apr 2022 14:44

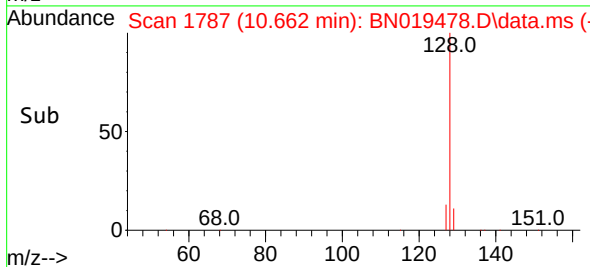
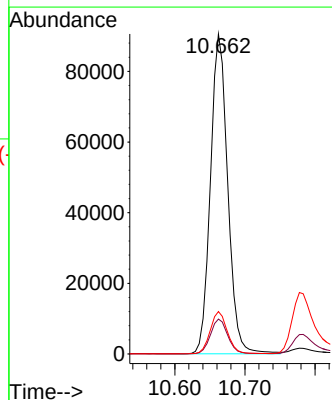
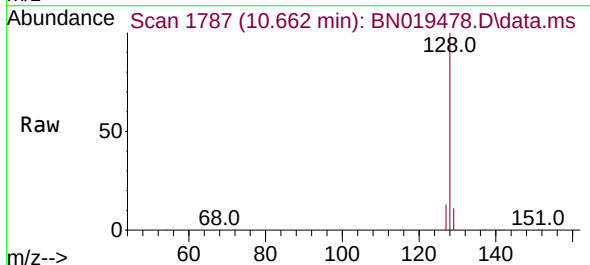
Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

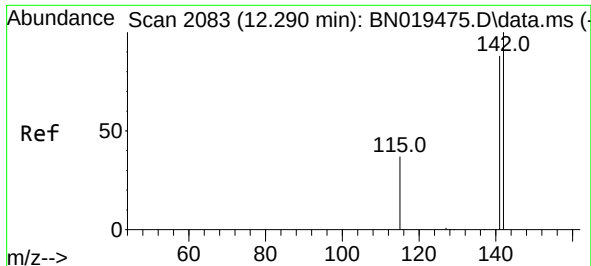
Tgt Ion: 88 Resp: 21049
Ion Ratio Lower Upper
88 100
43 32.3 39.0 58.4#
58 77.4 39.8 59.8#



#5
Naphthalene
Concen: 2.932 ng/ul
RT: 10.662 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BN019478.D
Acq: 18 Apr 2022 14:44

Tgt Ion: 128 Resp: 154967
Ion Ratio Lower Upper
128 100
129 10.9 9.5 14.3
127 13.3 11.0 16.4

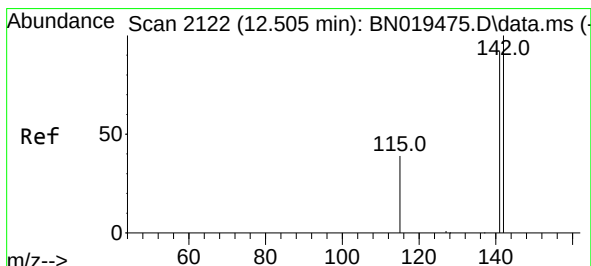
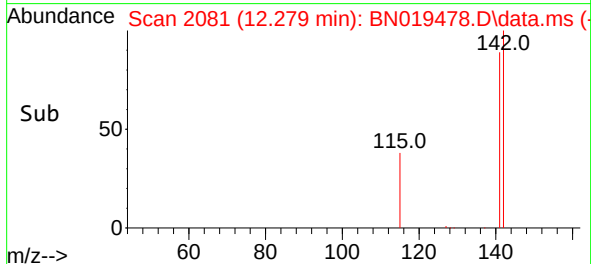
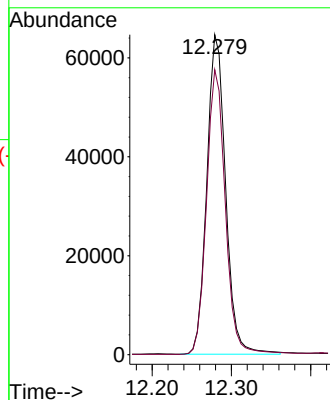
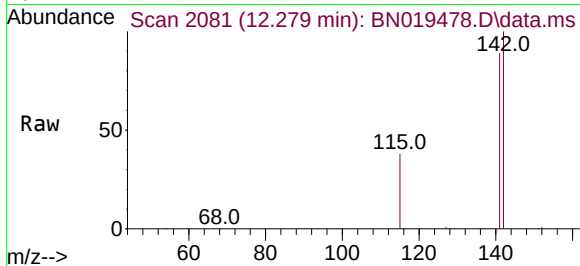




#7
2-Methylnaphthalene
Concen: 3.093 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. -0.011 min
Lab File: BN019478.D
Acq: 18 Apr 2022 14:44

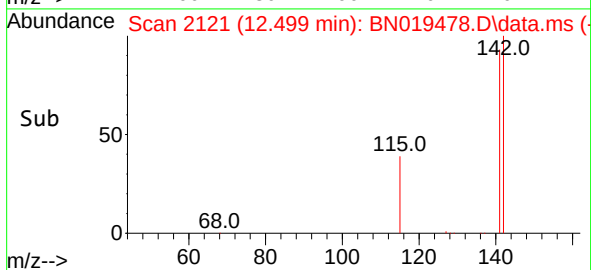
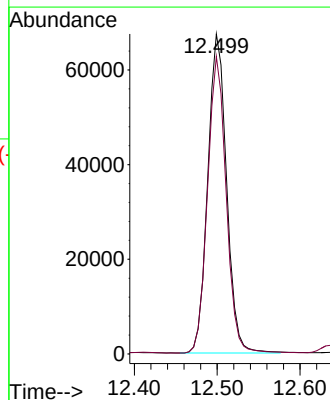
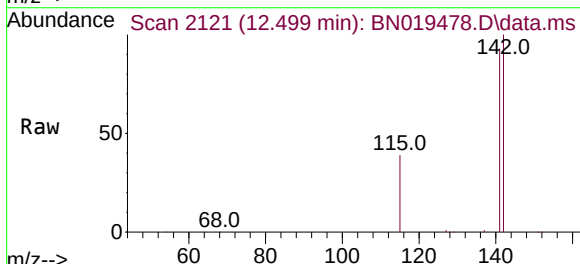
Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

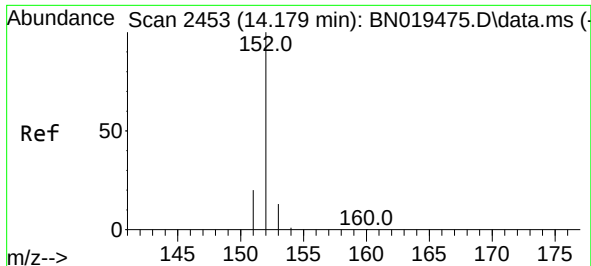
Tgt Ion:142 Resp: 106380
Ion Ratio Lower Upper
142 100
141 89.0 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 2.945 ng/ul
RT: 12.499 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BN019478.D
Acq: 18 Apr 2022 14:44

Tgt Ion:142 Resp: 106399
Ion Ratio Lower Upper
142 100
141 92.1 0.0 0.0#

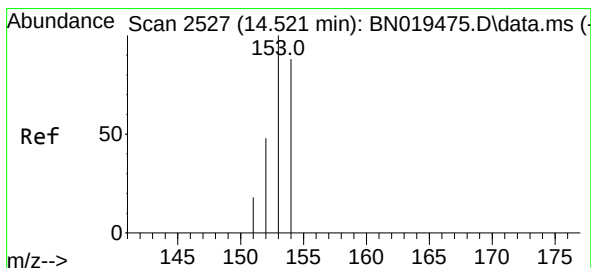
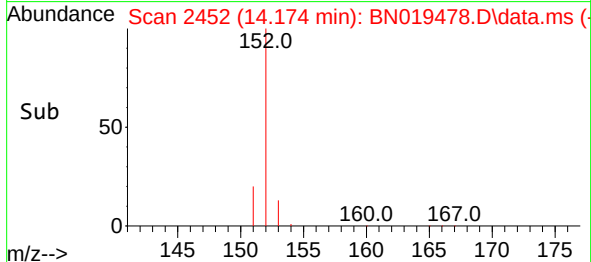
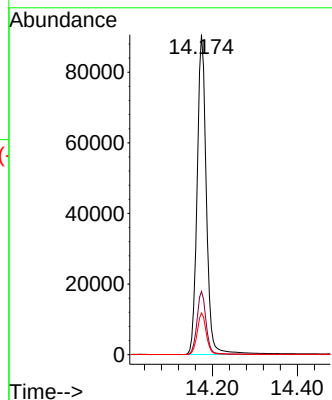
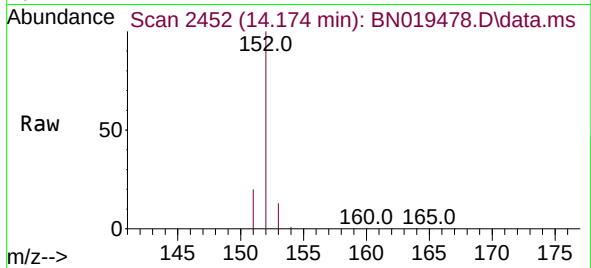




#10
Acenaphthylene
Concen: 3.511 ng/ul
RT: 14.174 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BN019478.D
Acq: 18 Apr 2022 14:44

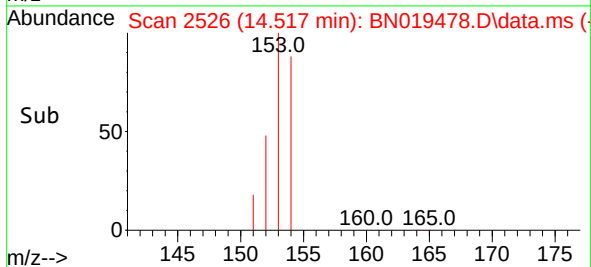
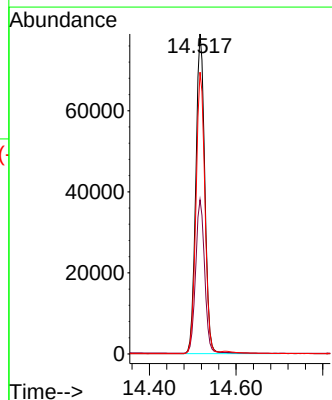
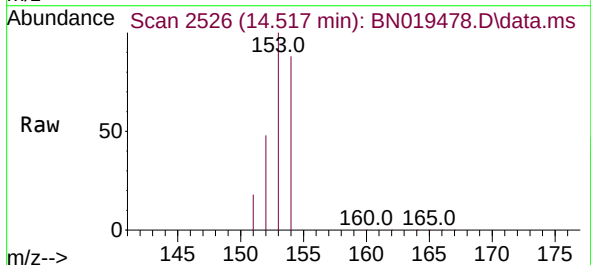
Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

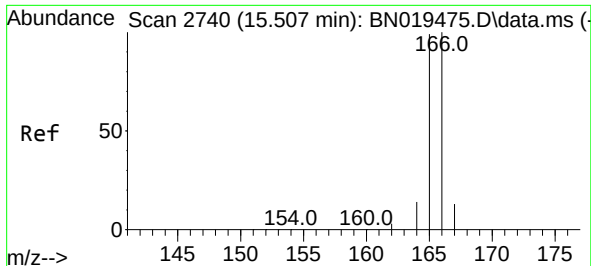
Tgt Ion:152 Resp: 136654
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 13.1 11.1 16.7



#11
Acenaphthene
Concen: 2.930 ng/ul
RT: 14.517 min Scan# 2526
Delta R.T. -0.005 min
Lab File: BN019478.D
Acq: 18 Apr 2022 14:44

Tgt Ion:153 Resp: 113941
Ion Ratio Lower Upper
153 100
152 48.2 38.6 57.8
154 88.1 71.2 106.8

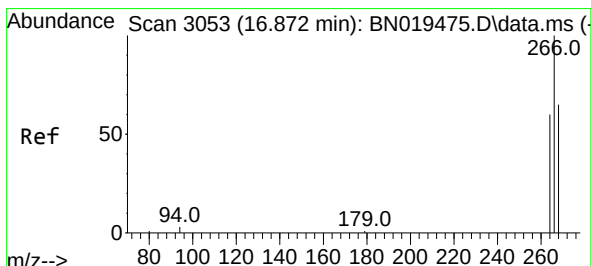
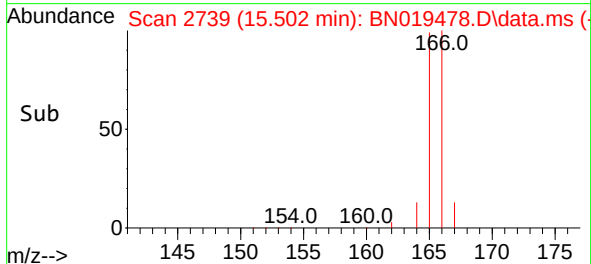
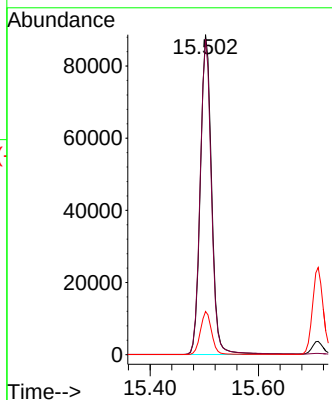
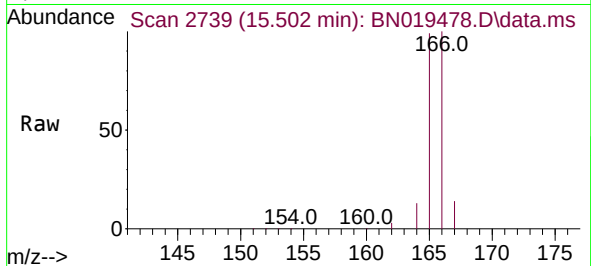




#12
 Fluorene
 Concen: 2.950 ng/ul
 RT: 15.502 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN019478.D
 Acq: 18 Apr 2022 14:44

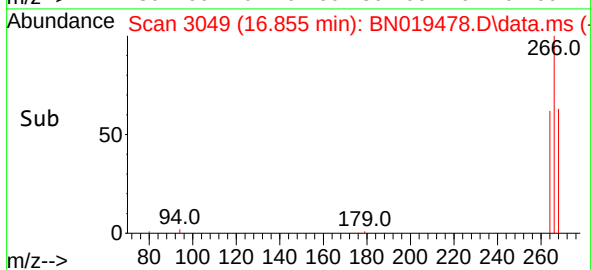
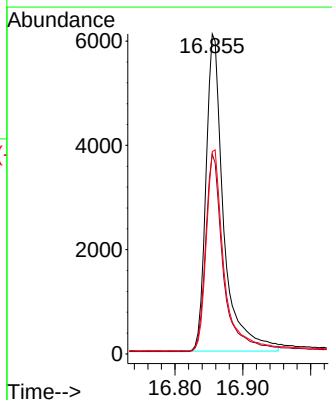
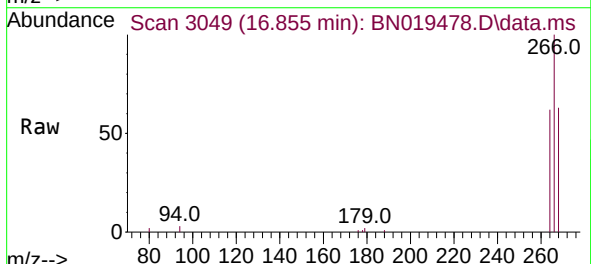
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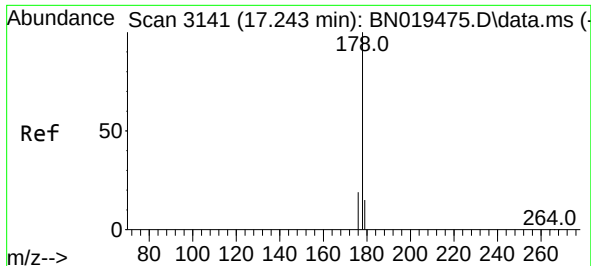
Tgt Ion:166 Resp: 127581
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.2 117.2
 167 13.5 11.3 16.9



#14
 Pentachlorophenol
 Concen: 3.434 ng/ul
 RT: 16.855 min Scan# 3049
 Delta R.T. -0.017 min
 Lab File: BN019478.D
 Acq: 18 Apr 2022 14:44

Tgt Ion:266 Resp: 10976
 Ion Ratio Lower Upper
 266 100
 264 62.7 44.9 67.3
 268 63.7 44.6 67.0

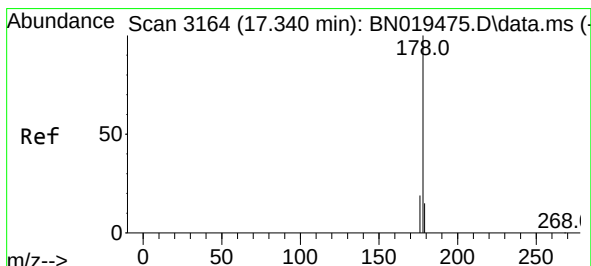
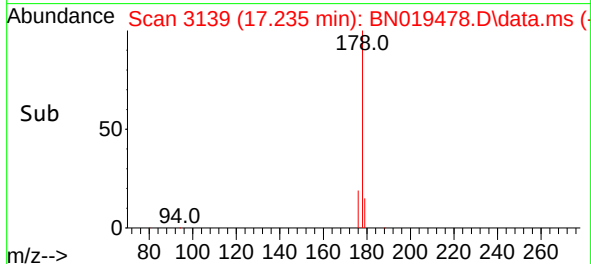
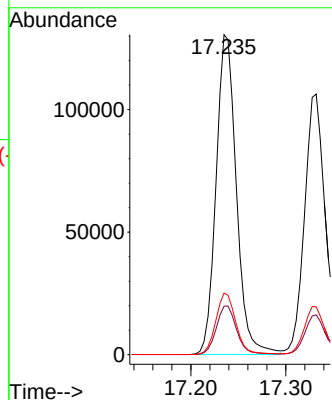
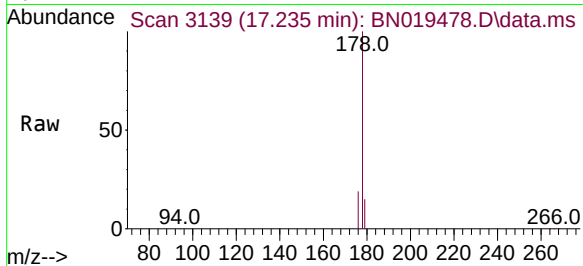




#15
Phenanthrene
Concen: 2.934 ng/ul
RT: 17.235 min Scan# 3141
Delta R.T. -0.008 min
Lab File: BN019478.D
Acq: 18 Apr 2022 14:44

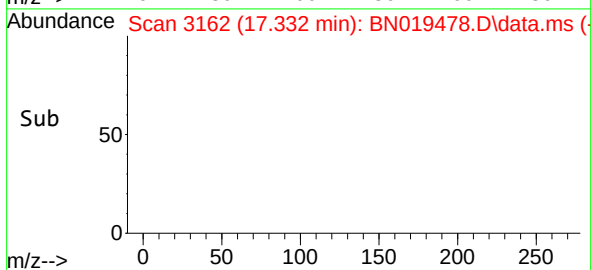
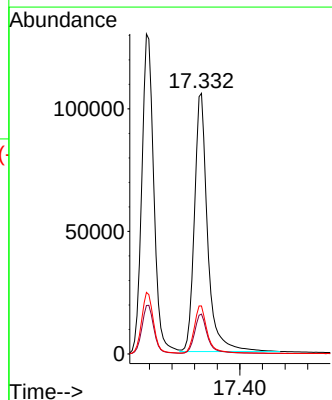
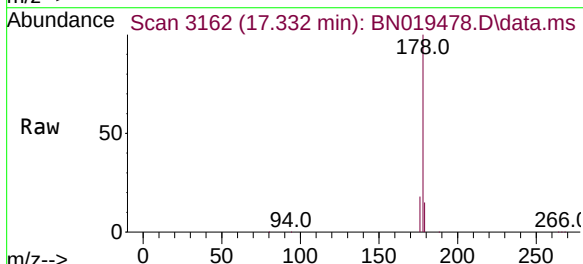
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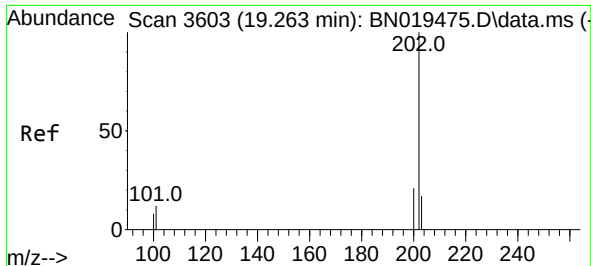
Tgt Ion:178 Resp: 194178
Ion Ratio Lower Upper
178 100
179 15.2 12.9 19.3
176 19.3 15.5 23.3



#16
Anthracene
Concen: 3.356 ng/ul
RT: 17.332 min Scan# 3162
Delta R.T. -0.008 min
Lab File: BN019478.D
Acq: 18 Apr 2022 14:44

Tgt Ion:178 Resp: 170669
Ion Ratio Lower Upper
178 100
179 15.3 13.1 19.7
176 18.4 15.3 22.9

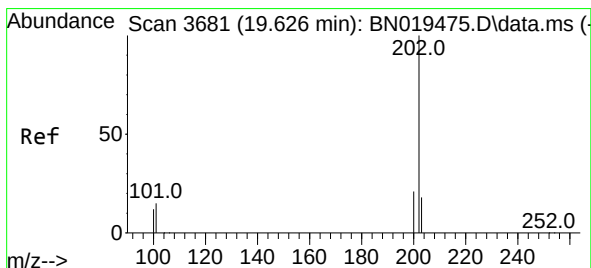
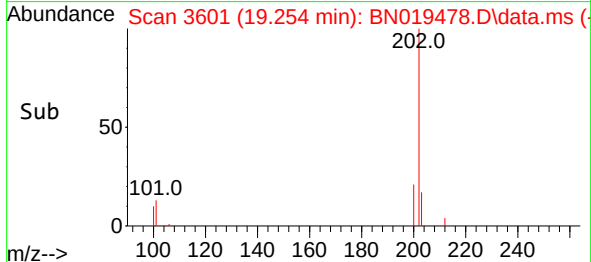
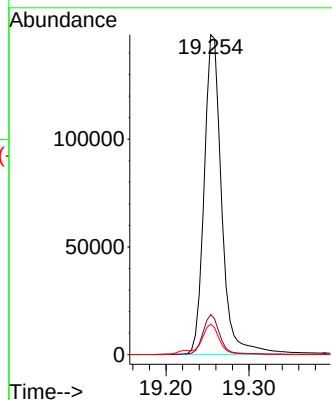
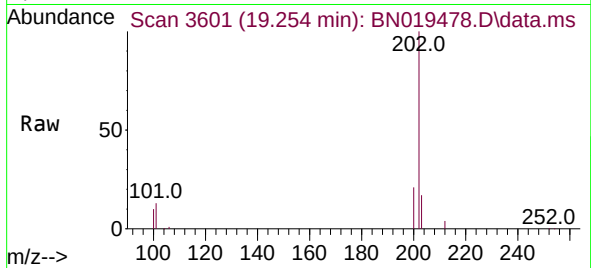




#19
Fluoranthene
Concen: 2.977 ng/ul
RT: 19.254 min Scan# 3601
Delta R.T. -0.009 min
Lab File: BN019478.D
Acq: 18 Apr 2022 14:44

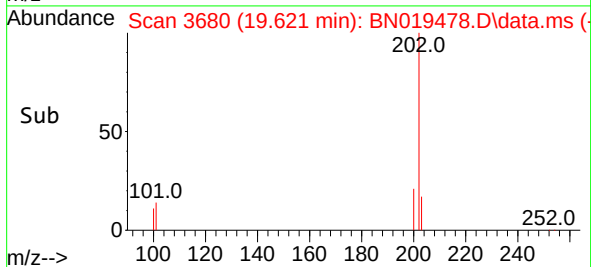
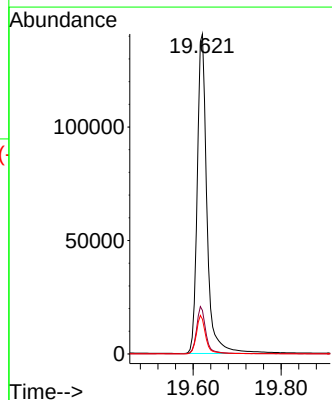
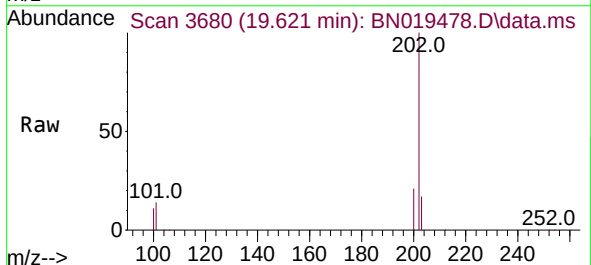
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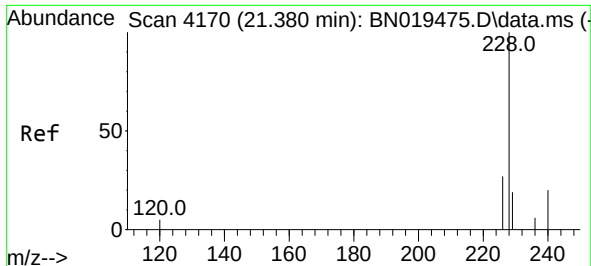
Tgt Ion:202 Resp: 217201
Ion Ratio Lower Upper
202 100
101 12.6 9.7 14.5
100 9.6 7.4 11.2



#20
Pyrene
Concen: 2.777 ng/ul
RT: 19.621 min Scan# 3680
Delta R.T. -0.005 min
Lab File: BN019478.D
Acq: 18 Apr 2022 14:44

Tgt Ion:202 Resp: 215526
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 10.8 9.0 13.4

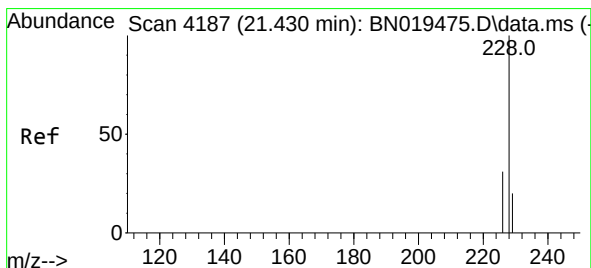
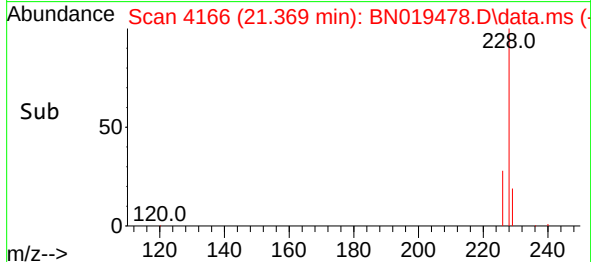
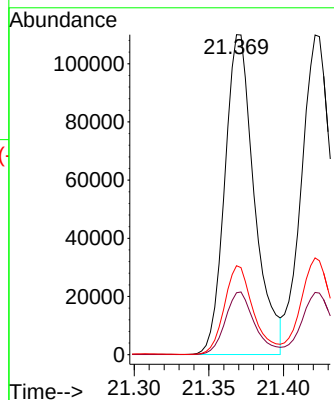
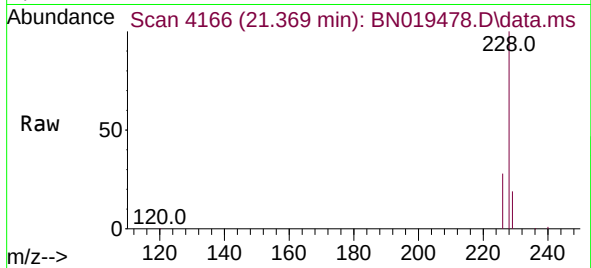




#21
Benzo(a)anthracene
Concen: 3.355 ng/ul
RT: 21.369 min Scan# 4166
Delta R.T. -0.012 min
Lab File: BN019478.D
Acq: 18 Apr 2022 14:44

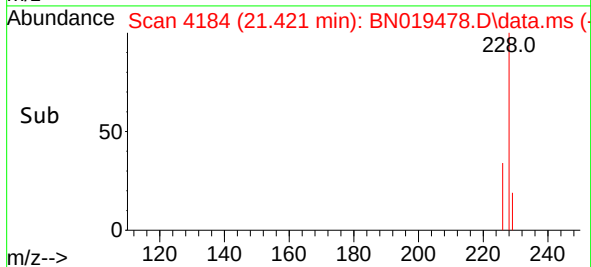
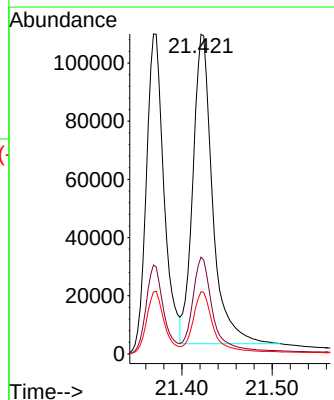
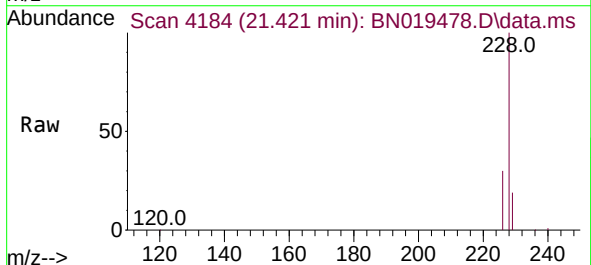
Instrument :
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SSTD3.2228

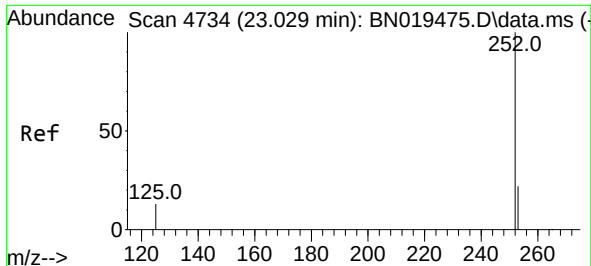
Tgt Ion:228 Resp: 151413
Ion Ratio Lower Upper
228 100
229 19.3 16.1 24.1
226 27.8 22.1 33.1



#22
Chrysene
Concen: 2.725 ng/ul
RT: 21.421 min Scan# 4184
Delta R.T. -0.009 min
Lab File: BN019478.D
Acq: 18 Apr 2022 14:44

Tgt Ion:228 Resp: 160977
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 19.4 16.0 24.0

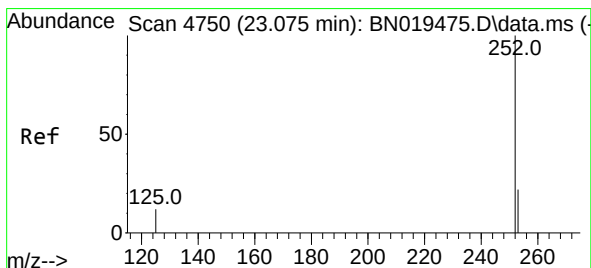
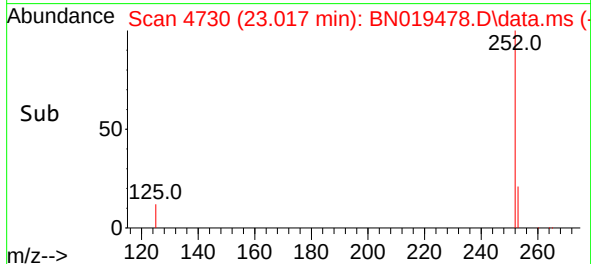
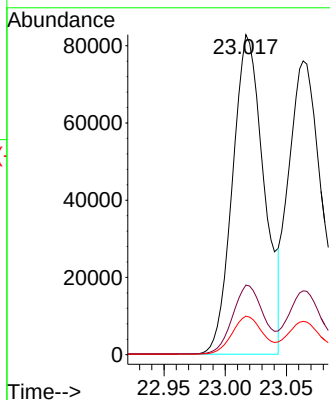
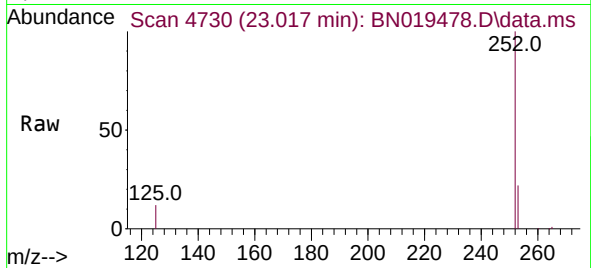




#24
Benzo(b)fluoranthene
Concen: 3.251 ng/ul
RT: 23.017 min Scan# 4730
Delta R.T. -0.012 min
Lab File: BN019478.D
Acq: 18 Apr 2022 14:44

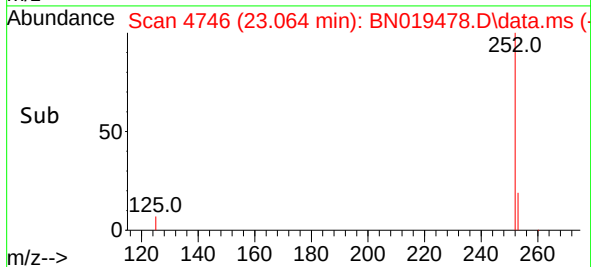
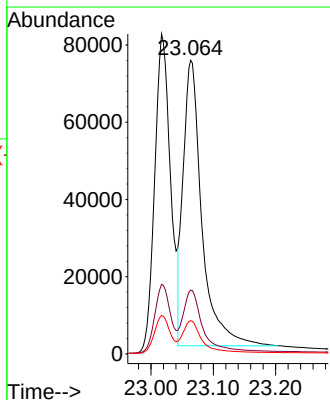
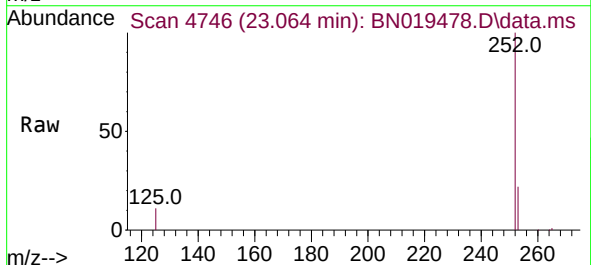
Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

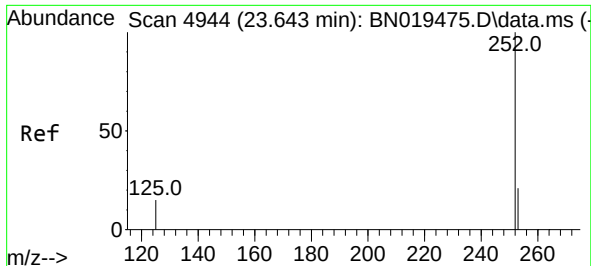
Tgt Ion:252 Resp: 147640
Ion Ratio Lower Upper
252 100
253 21.8 0.0 52.0
125 12.0 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 2.945 ng/ul
RT: 23.064 min Scan# 4746
Delta R.T. -0.012 min
Lab File: BN019478.D
Acq: 18 Apr 2022 14:44

Tgt Ion:252 Resp: 154469
Ion Ratio Lower Upper
252 100
253 21.7 20.2 30.2
125 11.3 11.0 16.6

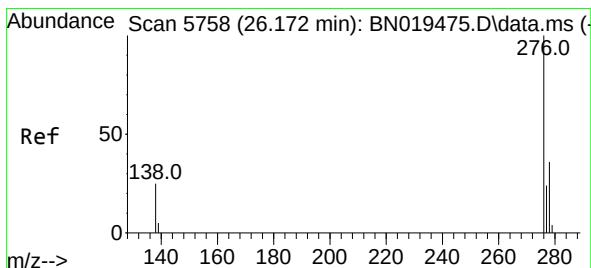
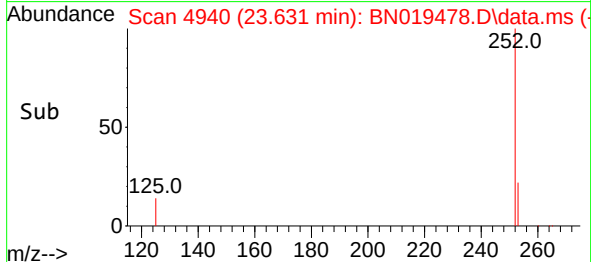
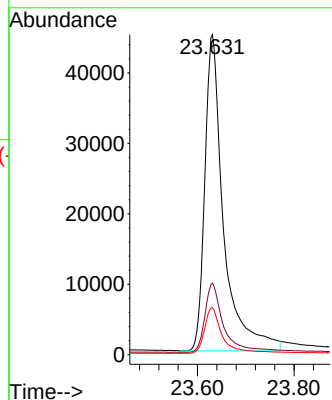
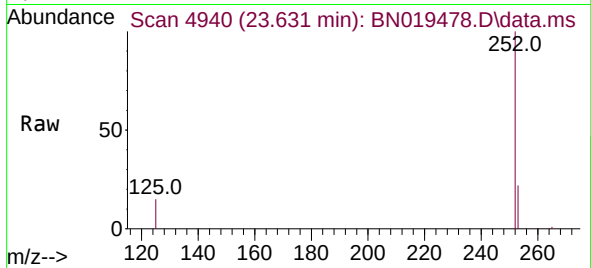




#26
Benzo(a)pyrene
Concen: 3.123 ng/ul
RT: 23.631 min Scan# 4944
Delta R.T. -0.012 min
Lab File: BN019478.D
Acq: 18 Apr 2022 14:44

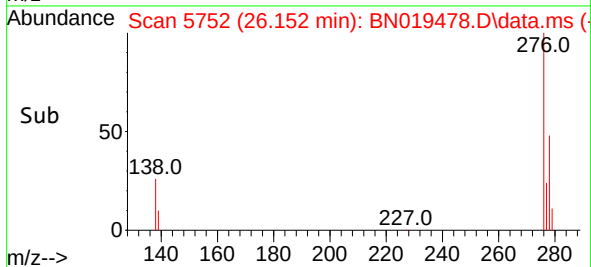
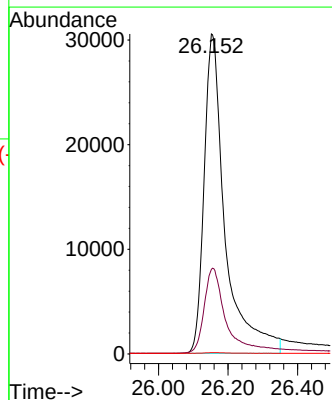
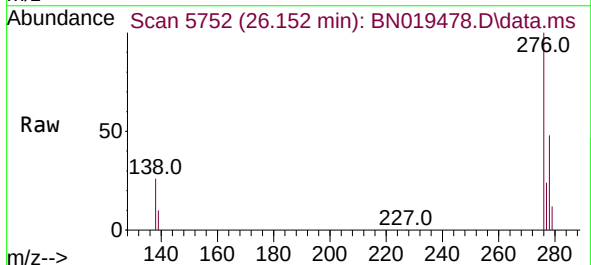
Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

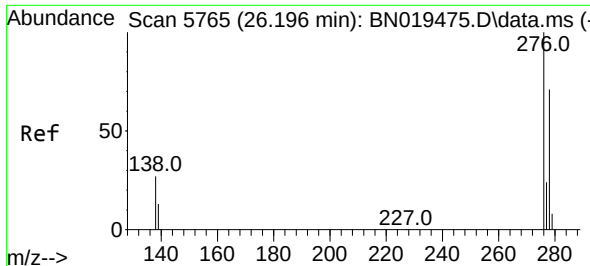
Tgt Ion:252 Resp: 121194
Ion Ratio Lower Upper
252 100
253 22.4 23.4 35.0#
125 14.7 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.972 ng/ul
RT: 26.152 min Scan# 5752
Delta R.T. -0.020 min
Lab File: BN019478.D
Acq: 18 Apr 2022 14:44

Tgt Ion:276 Resp: 128227
Ion Ratio Lower Upper
276 100
138 28.1 23.6 35.4
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 2.985 ng/ul

RT: 26.169 min Scan# 51

Delta R.T. -0.027 min

Lab File: BN019478.D

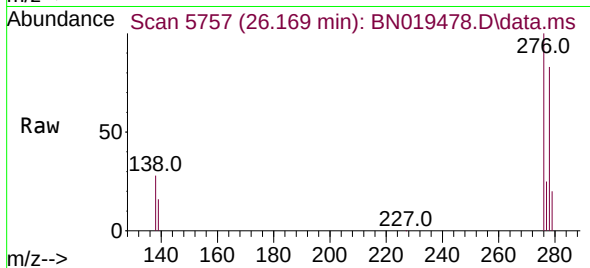
Acq: 18 Apr 2022 14:44

Instrument :

BNA_N

ClientSampleId :

SSTD3.2228



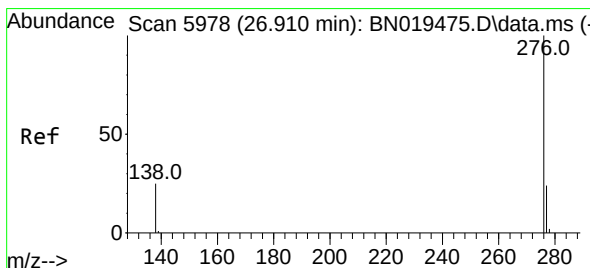
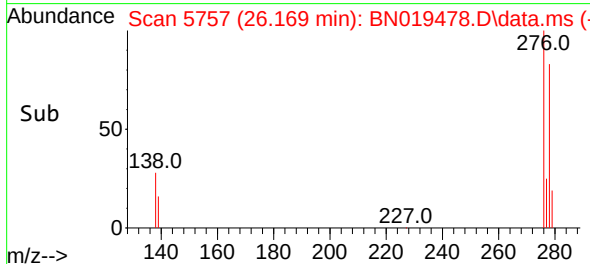
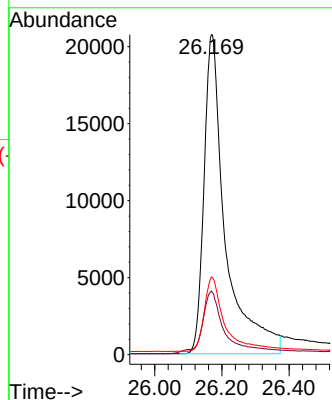
Tgt Ion:278 Resp: 91681

Ion Ratio Lower Upper

278 100

139 19.9 18.6 28.0

279 24.2 35.1 52.7#



#29

Benzo(g,h,i)perylene

Concen: 2.837 ng/ul

RT: 26.893 min Scan# 5973

Delta R.T. -0.017 min

Lab File: BN019478.D

Acq: 18 Apr 2022 14:44

Tgt Ion:276 Resp: 118288

Ion Ratio Lower Upper

276 100

138 24.6 20.9 31.3

277 23.4 20.4 30.6

