

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041822\
 Data File : BN019475.D
 Acq On : 18 Apr 2022 12:58
 Operator : CG/JU
 Sample : SST0.425
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.4225

Quant Time: Apr 18 15:05:00 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)

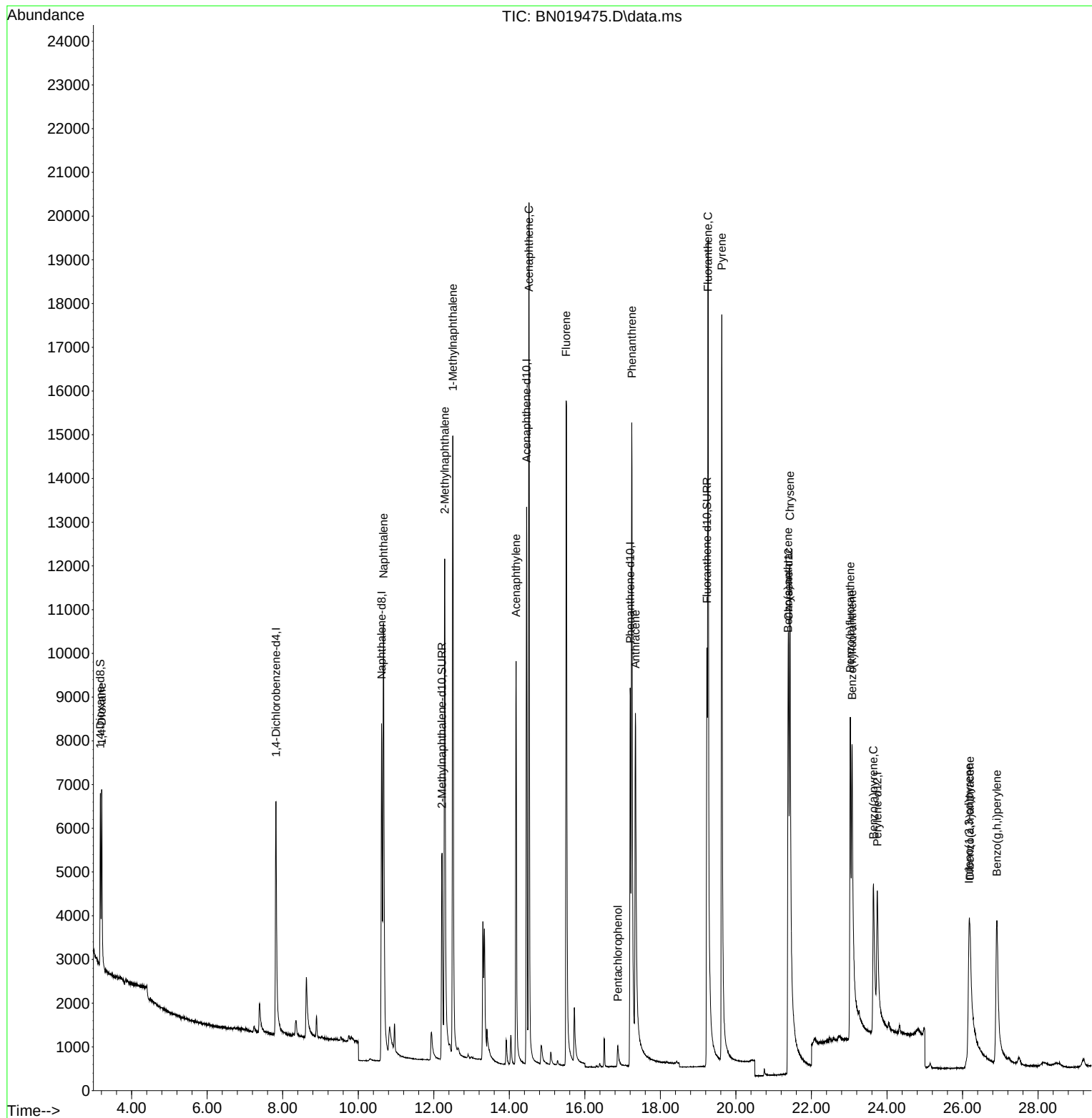
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	4285	0.400	ng/ul	0.00
4) Naphthalene-d8	10.618	136	13459	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	7685	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.201	188	12626	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	7835	0.400	ng/ul	0.00
23) Perylene-d12	23.745	264	5562	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.173	96	2496	0.453	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.219	152	8294	0.436	ng/ul	0.00
18) Fluoranthene-d10	19.235	212	15003	0.517	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.207	88	2467	0.464	ng/ul#	85
5) Naphthalene	10.668	128	17424	0.455	ng/ul	99
7) 2-Methylnaphthalene	12.290	142	10962	0.440	ng/ul#	100
8) 1-Methylnaphthalene	12.505	142	11710	0.447	ng/ul#	100
10) Acenaphthylene	14.179	152	12596	0.452	ng/ul	100
11) Acenaphthene	14.521	153	12545	0.450	ng/ul	99
12) Fluorene	15.507	166	12901	0.417	ng/ul	99
14) Pentachlorophenol	16.872	266	605	0.299	ng/ul#	88
15) Phenanthrene	17.243	178	19359	0.461	ng/ul	99
16) Anthracene	17.340	178	13836	0.429	ng/ul	99
19) Fluoranthene	19.263	202	20303	0.521	ng/ul	99
20) Pyrene	19.626	202	21479	0.518	ng/ul	98
21) Benzo(a)anthracene	21.380	228	9918	0.411	ng/ul	99
22) Chrysene	21.430	228	13239	0.419	ng/ul	99
24) Benzo(b)fluoranthene	23.029	252	11259	0.437	ng/ul	94
25) Benzo(k)fluoranthene	23.075	252	12758	0.429	ng/ul	99
26) Benzo(a)pyrene	23.643	252	9608	0.437	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.172	276	9784	0.400	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.196	278	6438	0.370	ng/ul	90
29) Benzo(g,h,i)perylene	26.910	276	10750	0.455	ng/ul	99

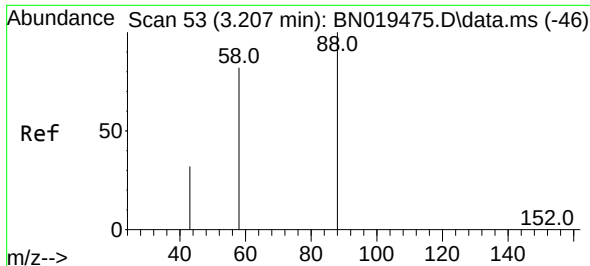
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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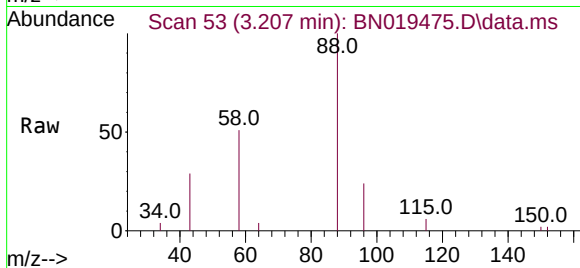
Quant Time: Apr 18 15:05:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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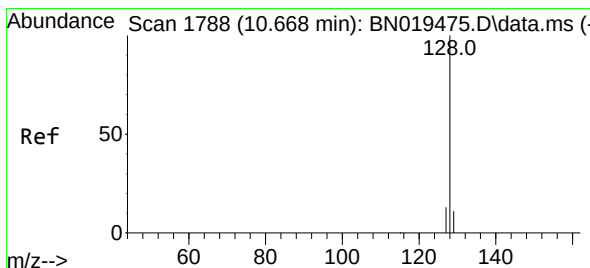
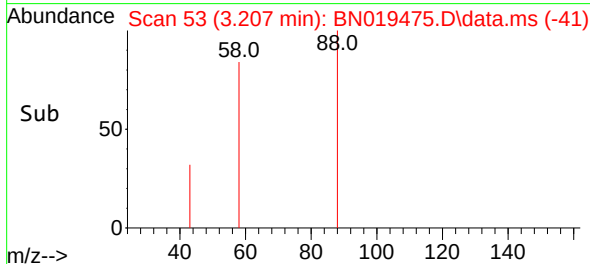
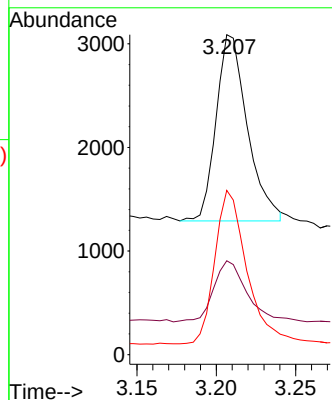


#2
1,4-Dioxane
Concen: 0.464 ng/ul
RT: 3.207 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN019475.D
Acq: 18 Apr 2022 12:58

Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

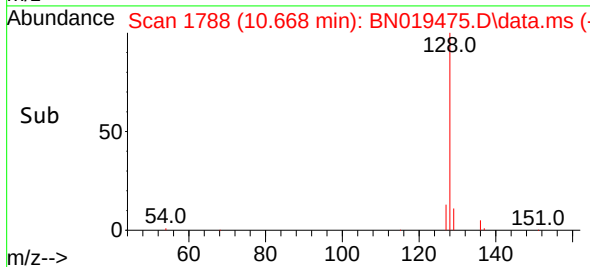
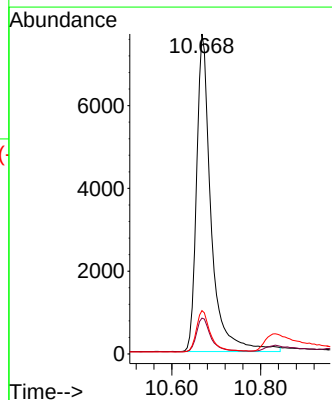
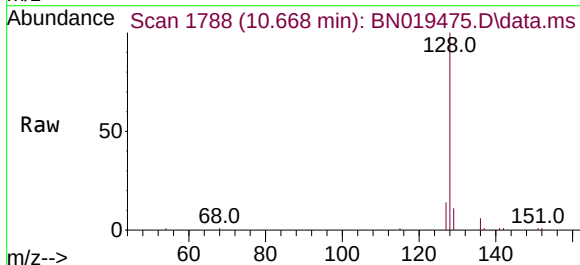


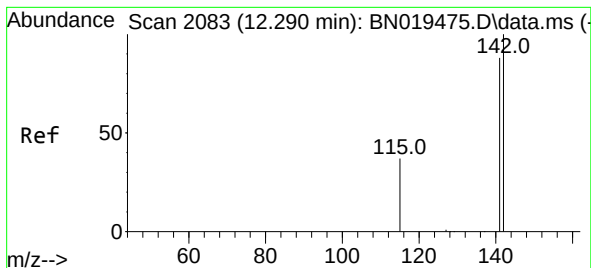
Tgt Ion: 88 Resp: 2467
Ion Ratio Lower Upper
88 100
43 29.3 39.0 58.4#
58 51.3 39.8 59.8



#5
Naphthalene
Concen: 0.455 ng/ul
RT: 10.668 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BN019475.D
Acq: 18 Apr 2022 12:58

Tgt Ion: 128 Resp: 17424
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.5 11.0 16.4

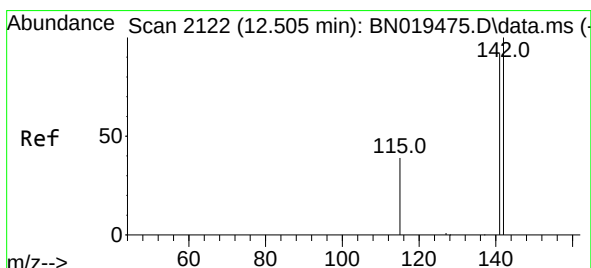
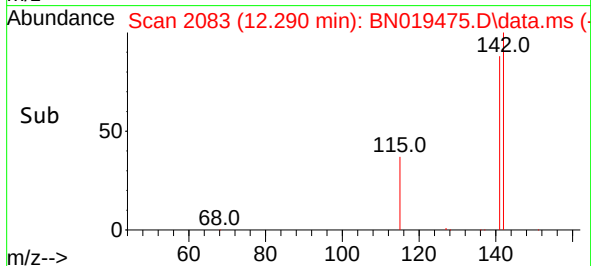
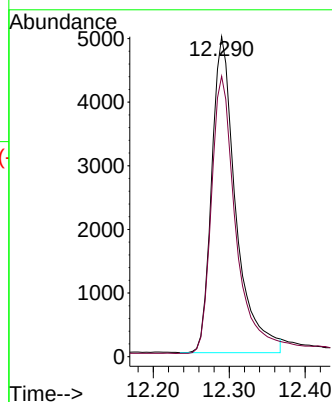
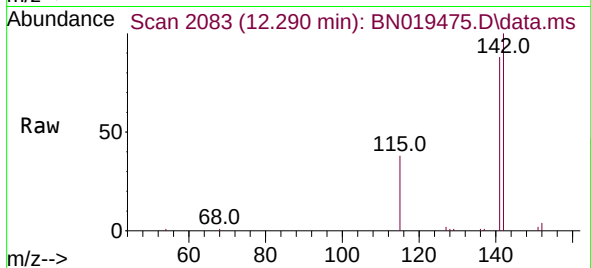




#7
2-Methylnaphthalene
Concen: 0.440 ng/ul
RT: 12.290 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BN019475.D
Acq: 18 Apr 2022 12:58

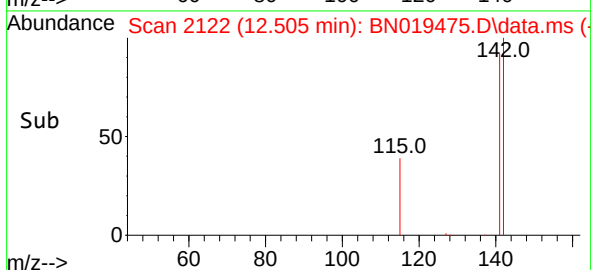
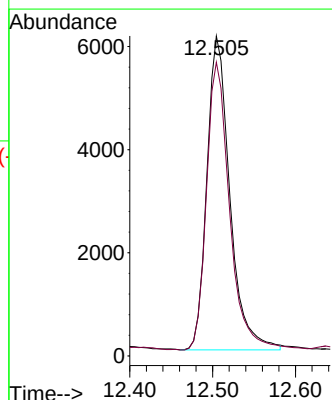
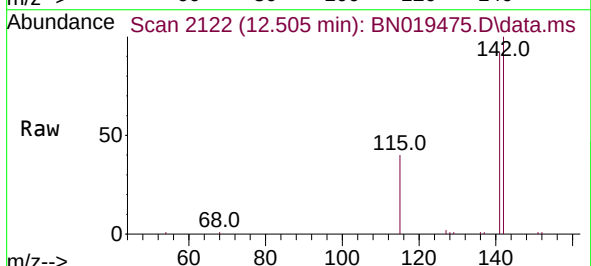
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

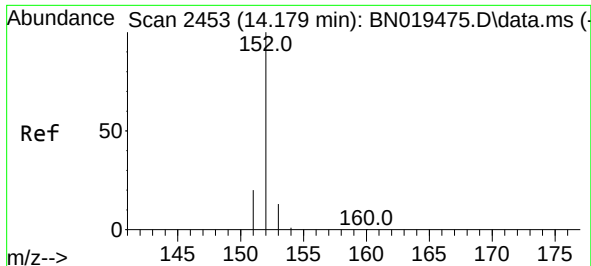
Tgt Ion:142 Resp: 10962
Ion Ratio Lower Upper
142 100
141 88.8 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.447 ng/ul
RT: 12.505 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BN019475.D
Acq: 18 Apr 2022 12:58

Tgt Ion:142 Resp: 11710
Ion Ratio Lower Upper
142 100
141 91.9 0.0 0.0#

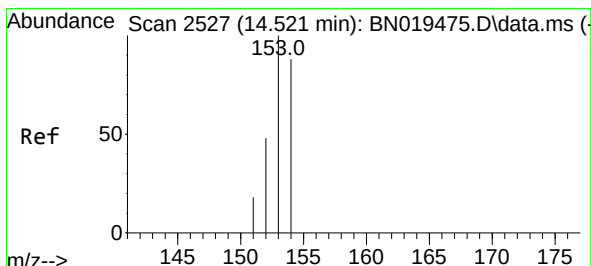
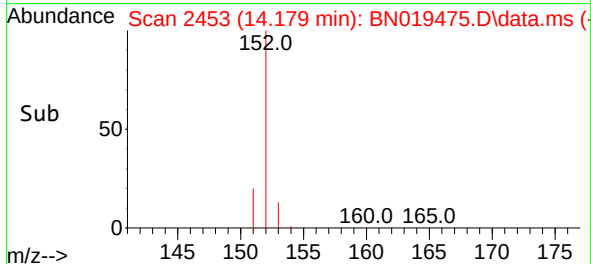
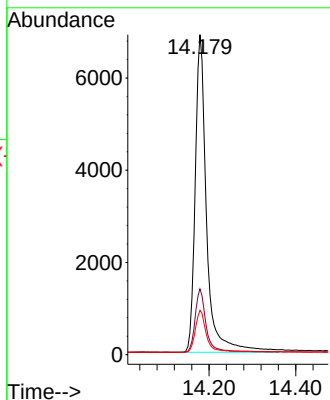
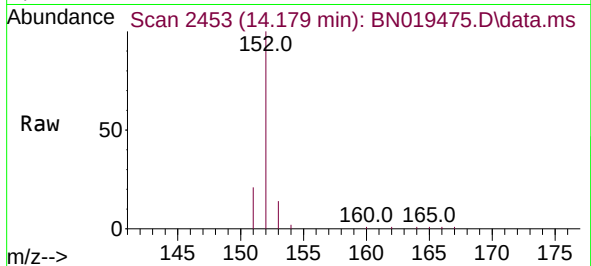




#10
Acenaphthylene
Concen: 0.452 ng/ul
RT: 14.179 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BN019475.D
Acq: 18 Apr 2022 12:58

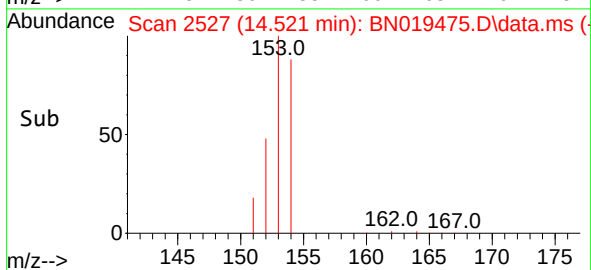
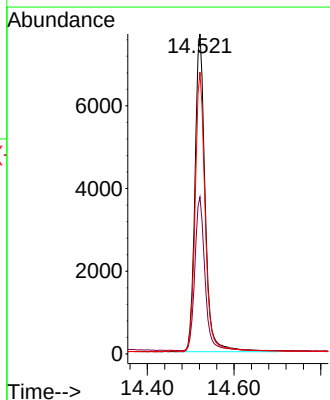
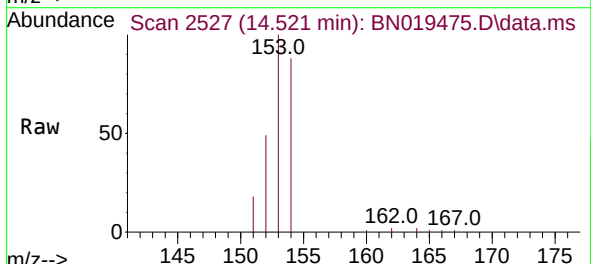
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

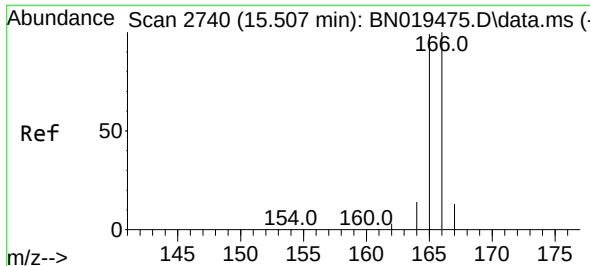
Tgt Ion:152 Resp: 12596
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.450 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BN019475.D
Acq: 18 Apr 2022 12:58

Tgt Ion:153 Resp: 12545
Ion Ratio Lower Upper
153 100
152 49.1 38.6 57.8
154 88.1 71.2 106.8

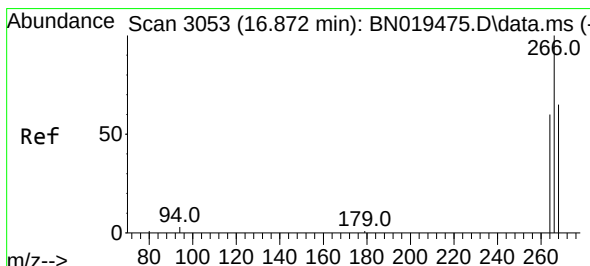
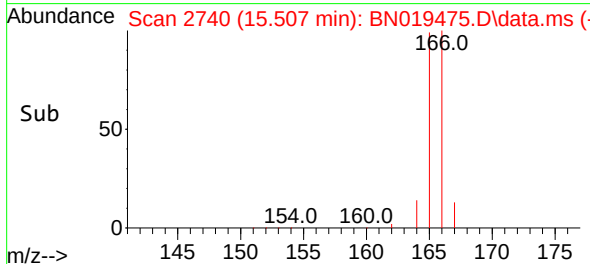
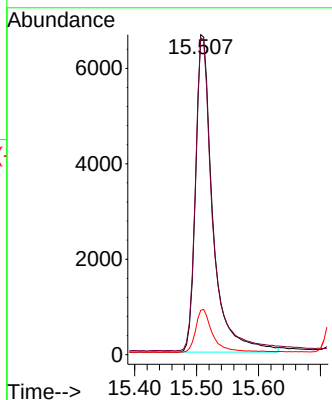
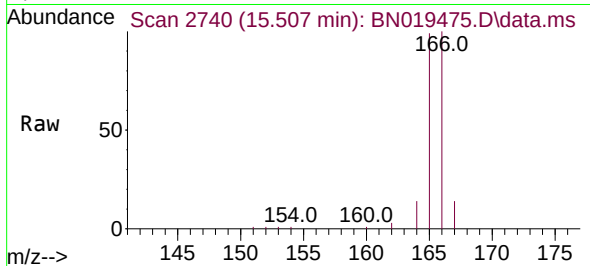




#12
 Fluorene
 Concen: 0.417 ng/ul
 RT: 15.507 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN019475.D
 Acq: 18 Apr 2022 12:58

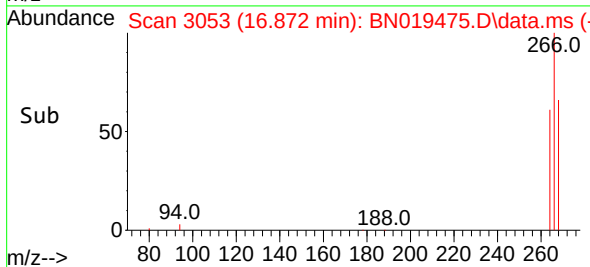
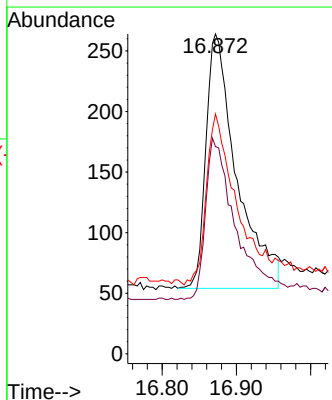
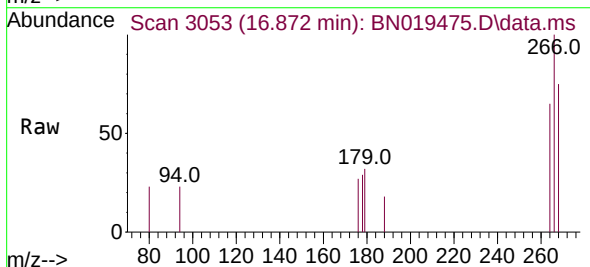
Instrument :
 BNA_N
 ClientSampleId :
 SST0.4225

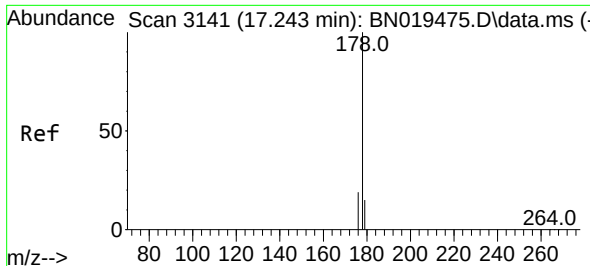
Tgt Ion:	166	Resp:	12901
Ion Ratio	Lower	Upper	
166	100		
165	99.0	78.2	117.2
167	13.9	11.3	16.9



#14
 Pentachlorophenol
 Concen: 0.299 ng/ul
 RT: 16.872 min Scan# 3053
 Delta R.T. 0.000 min
 Lab File: BN019475.D
 Acq: 18 Apr 2022 12:58

Tgt Ion:	266	Resp:	605
Ion Ratio	Lower	Upper	
266	100		
264	62.0	44.9	67.3
268	67.6	44.6	67.0#

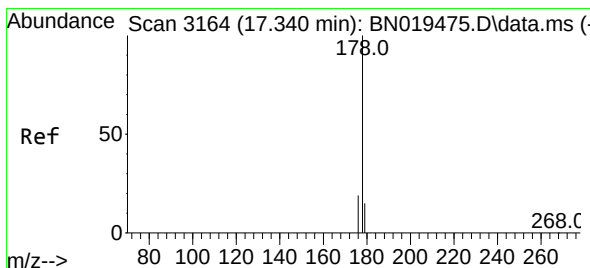
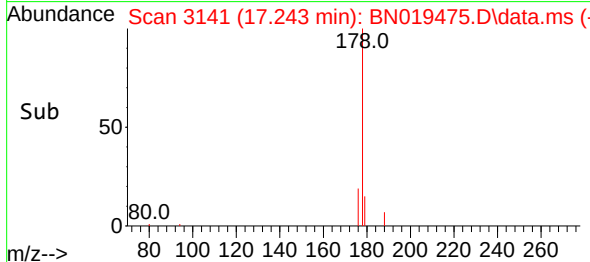
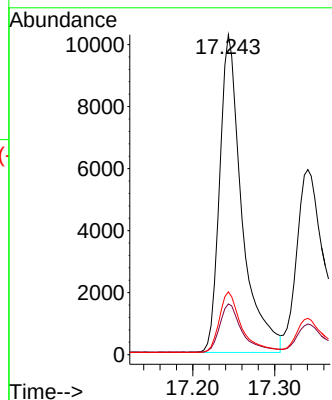
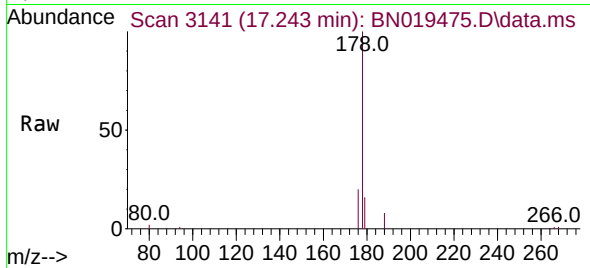




#15
Phenanthrene
Concen: 0.461 ng/u1
RT: 17.243 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BN019475.D
Acq: 18 Apr 2022 12:58

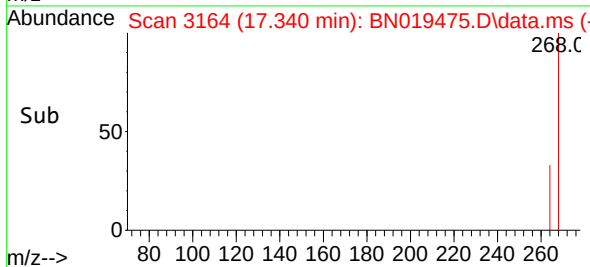
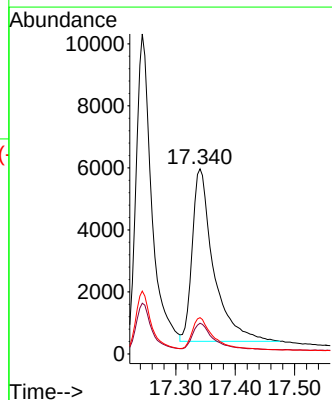
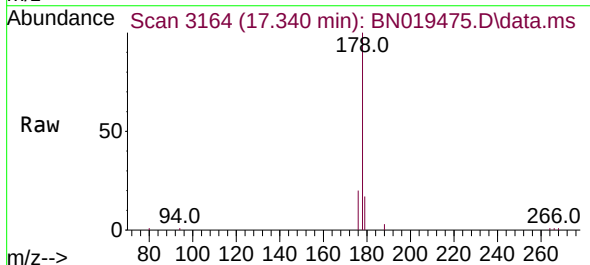
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SSTD0.4225

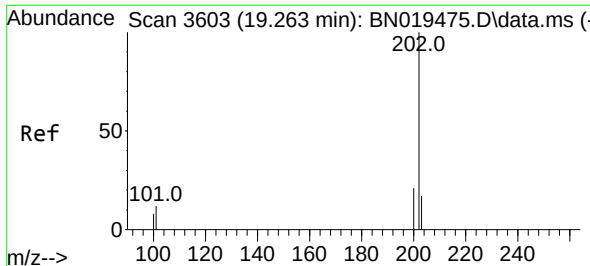
Tgt Ion:178 Resp: 19359
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.7 15.5 23.3



#16
Anthracene
Concen: 0.429 ng/u1
RT: 17.340 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BN019475.D
Acq: 18 Apr 2022 12:58

Tgt Ion:178 Resp: 13836
Ion Ratio Lower Upper
178 100
179 16.6 13.1 19.7
176 19.7 15.3 22.9

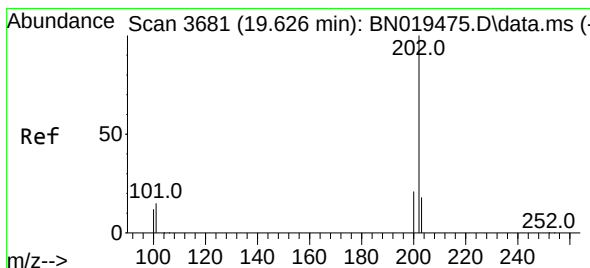
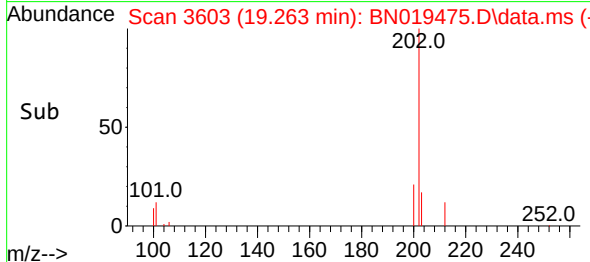
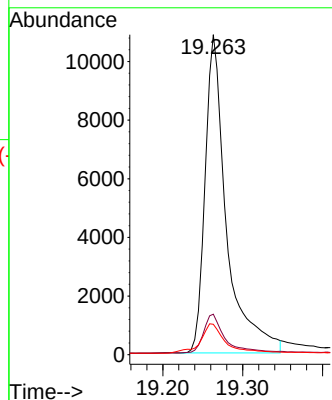
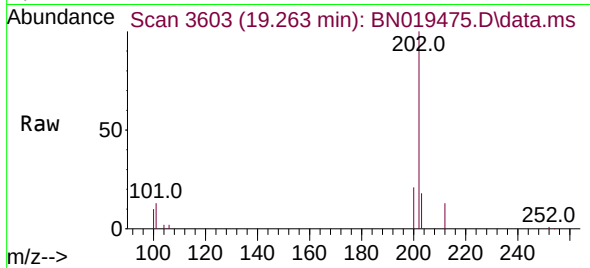




#19
Fluoranthene
Concen: 0.521 ng/ul
RT: 19.263 min Scan# 3603
Delta R.T. 0.000 min
Lab File: BN019475.D
Acq: 18 Apr 2022 12:58

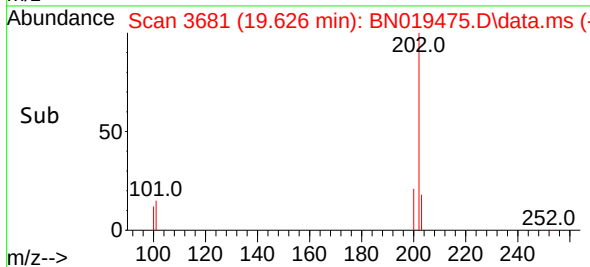
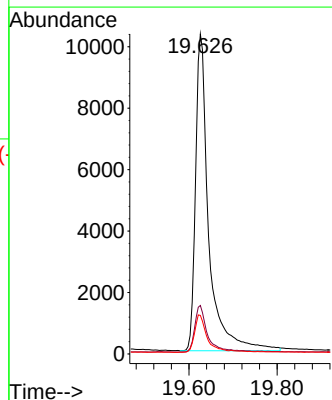
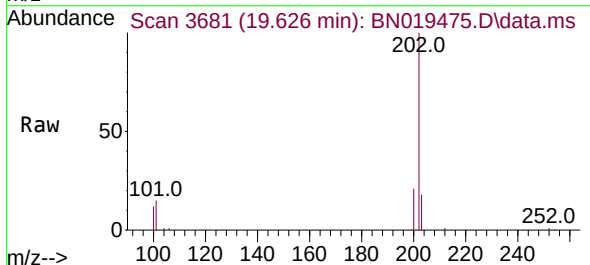
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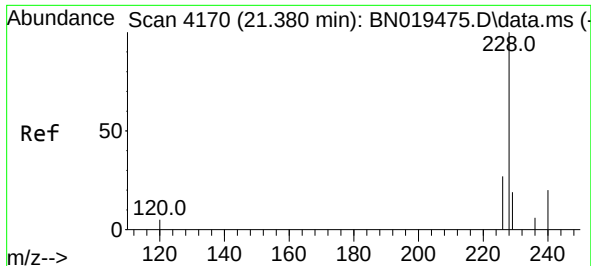
Tgt Ion:202 Resp: 20303
Ion Ratio Lower Upper
202 100
101 12.6 9.7 14.5
100 9.5 7.4 11.2



#20
Pyrene
Concen: 0.518 ng/ul
RT: 19.626 min Scan# 3681
Delta R.T. 0.000 min
Lab File: BN019475.D
Acq: 18 Apr 2022 12:58

Tgt Ion:202 Resp: 21479
Ion Ratio Lower Upper
202 100
101 15.1 11.4 17.0
100 12.0 9.0 13.4

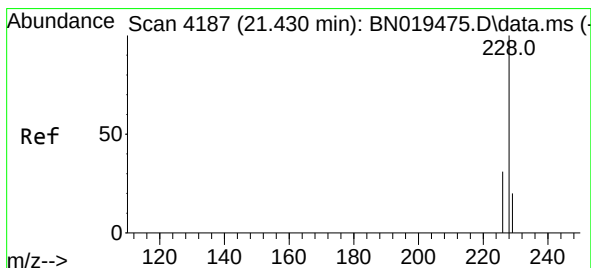
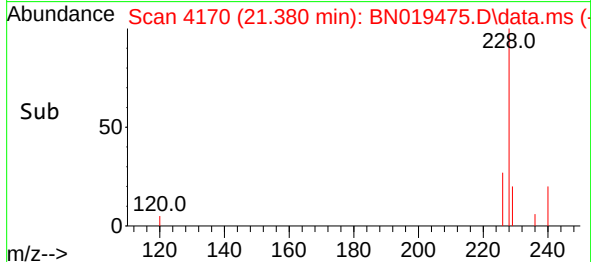
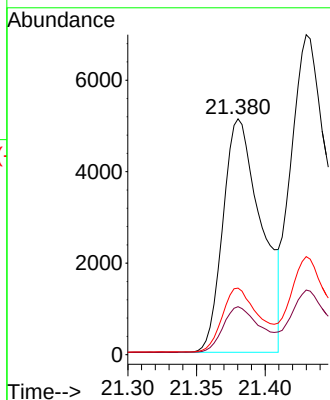
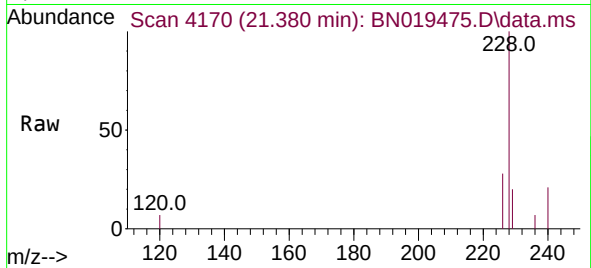




#21
Benzo(a)anthracene
Concen: 0.411 ng/ul
RT: 21.380 min Scan# 4170
Delta R.T. 0.000 min
Lab File: BN019475.D
Acq: 18 Apr 2022 12:58

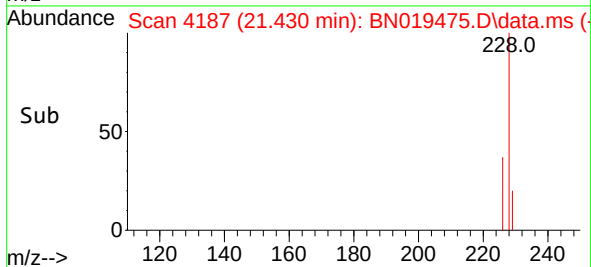
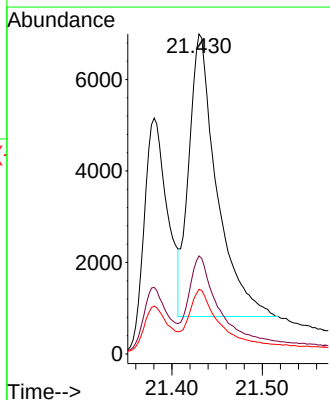
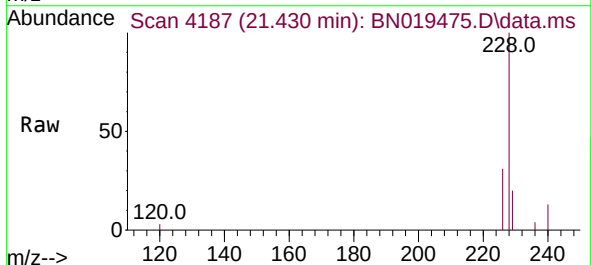
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

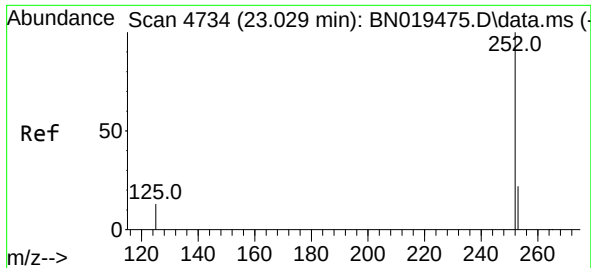
Tgt Ion:228 Resp: 9918
Ion Ratio Lower Upper
228 100
229 20.3 16.1 24.1
226 28.2 22.1 33.1



#22
Chrysene
Concen: 0.419 ng/ul
RT: 21.430 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BN019475.D
Acq: 18 Apr 2022 12:58

Tgt Ion:228 Resp: 13239
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 20.2 16.0 24.0

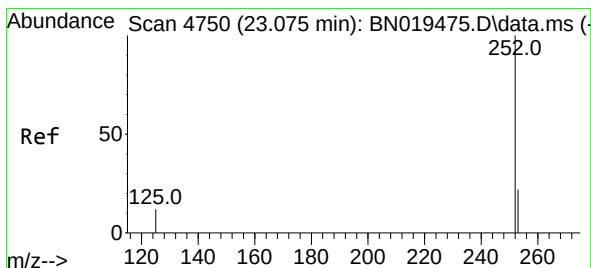
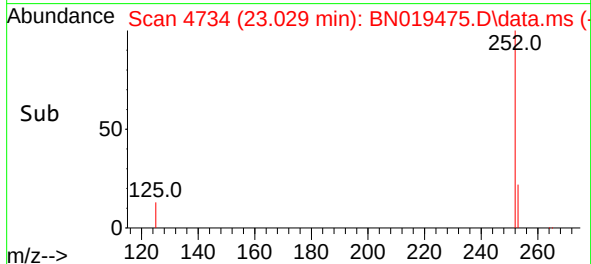
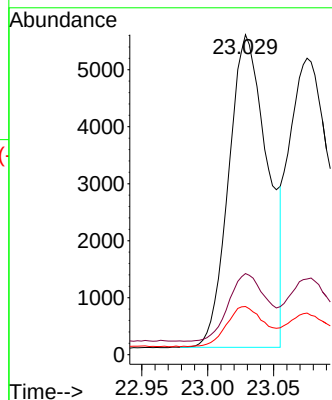
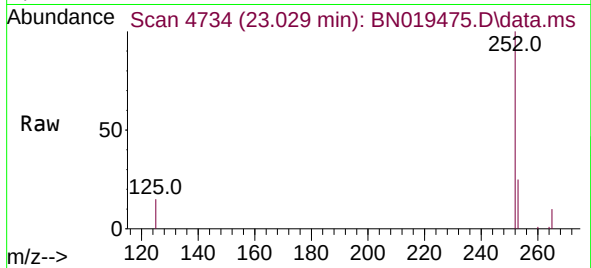




#24
Benzo(b)fluoranthene
Concen: 0.437 ng/ul
RT: 23.029 min Scan# 4734
Delta R.T. 0.000 min
Lab File: BN019475.D
Acq: 18 Apr 2022 12:58

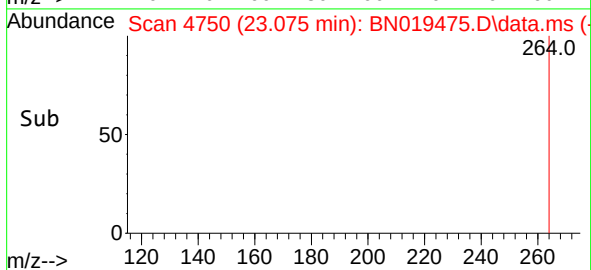
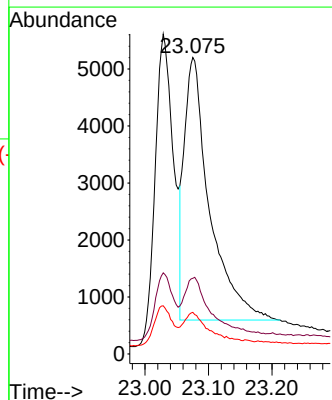
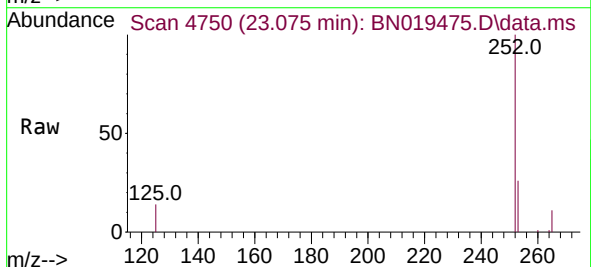
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

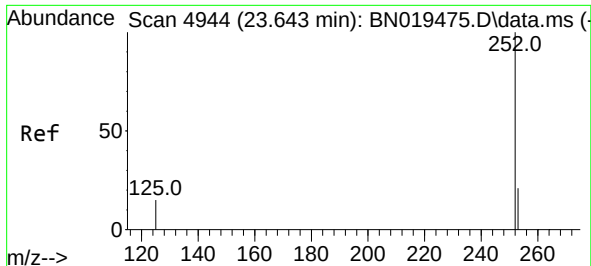
Tgt Ion:252 Resp: 11259
Ion Ratio Lower Upper
252 100
253 25.3 0.0 52.0
125 15.0 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.429 ng/ul
RT: 23.075 min Scan# 4750
Delta R.T. 0.000 min
Lab File: BN019475.D
Acq: 18 Apr 2022 12:58

Tgt Ion:252 Resp: 12758
Ion Ratio Lower Upper
252 100
253 25.5 20.2 30.2
125 14.0 11.0 16.6

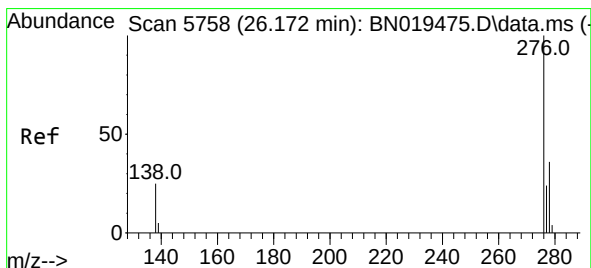
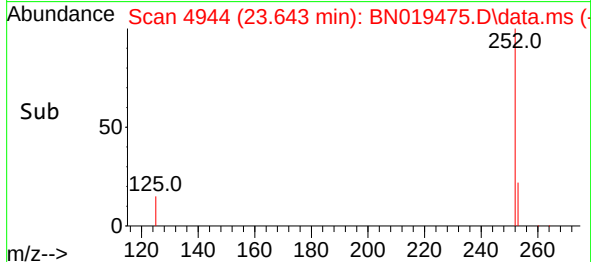
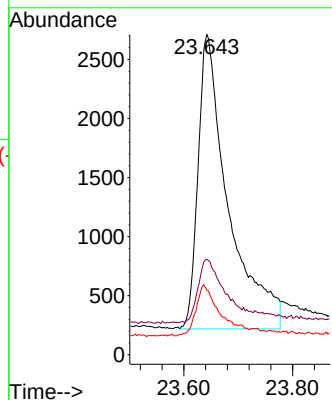
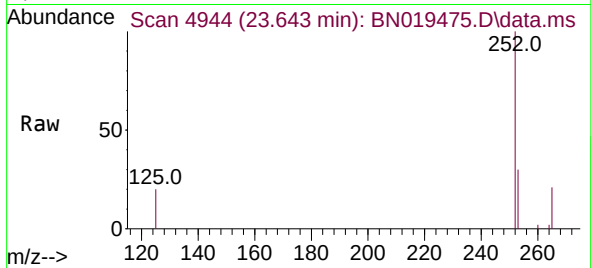




#26
Benzo(a)pyrene
Concen: 0.437 ng/ul
RT: 23.643 min Scan# 4944
Delta R.T. 0.000 min
Lab File: BN019475.D
Acq: 18 Apr 2022 12:58

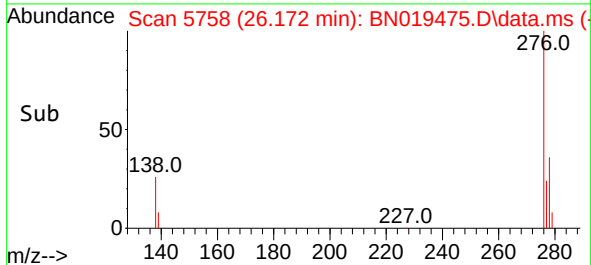
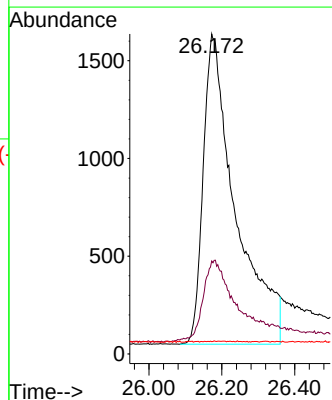
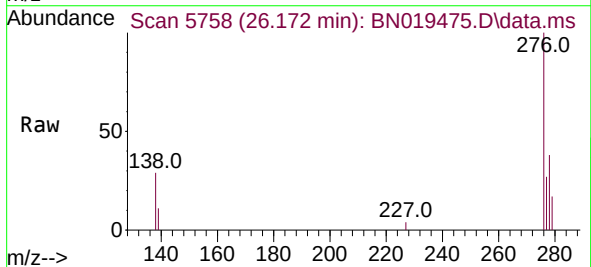
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

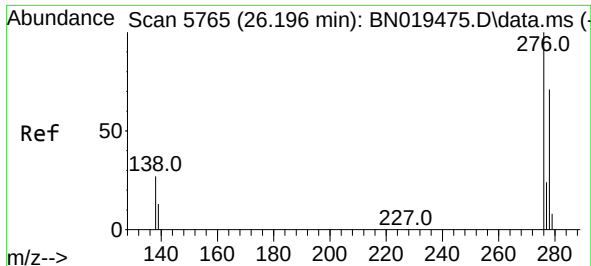
Tgt Ion:252 Resp: 9608
Ion Ratio Lower Upper
252 100
253 29.8 23.4 35.0
125 20.1 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng/ul
RT: 26.172 min Scan# 5758
Delta R.T. 0.000 min
Lab File: BN019475.D
Acq: 18 Apr 2022 12:58

Tgt Ion:276 Resp: 9784
Ion Ratio Lower Upper
276 100
138 0.0 23.6 35.4#
227 0.0 0.0 0.0#

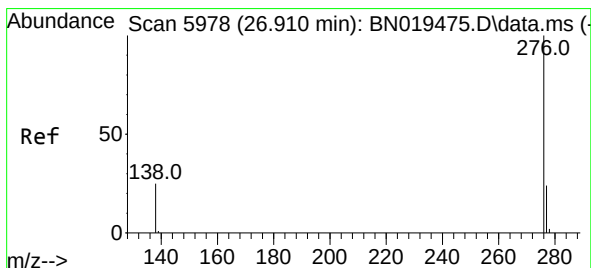
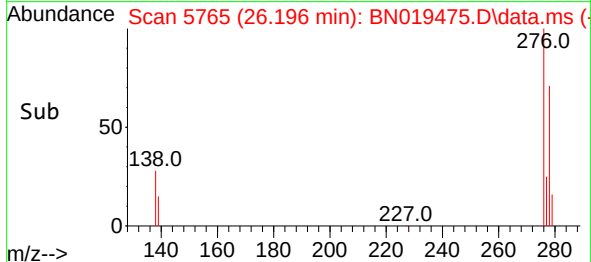
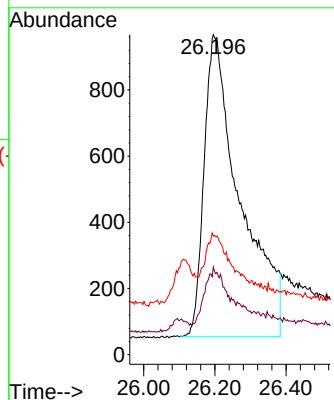
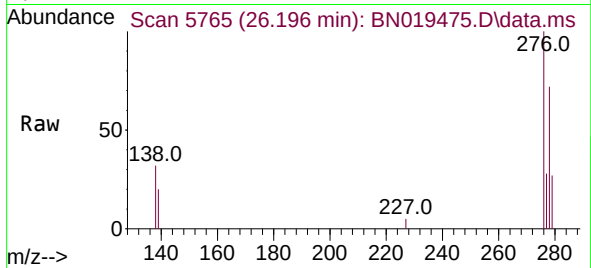




#28
Dibenzo(a,h)anthracene
Concen: 0.370 ng/ul
RT: 26.196 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN019475.D
Acq: 18 Apr 2022 12:58

Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

Tgt Ion:278 Resp: 6438
Ion Ratio Lower Upper
278 100
139 27.4 18.6 28.0
279 37.1 35.1 52.7



#29
Benzo(g,h,i)perylene
Concen: 0.455 ng/ul
RT: 26.910 min Scan# 5978
Delta R.T. 0.000 min
Lab File: BN019475.D
Acq: 18 Apr 2022 12:58

Tgt Ion:276 Resp: 10750
Ion Ratio Lower Upper
276 100
138 27.0 20.9 31.3
277 26.0 20.4 30.6

