

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082222\
 Data File : BN021302.D
 Acq On : 22 Aug 2022 15:40
 Operator : CG/JU
 Sample : SST0.436
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.4239

Quant Time: Aug 22 17:53:21 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 22 17:51:15 2022
 Response via : Initial Calibration

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

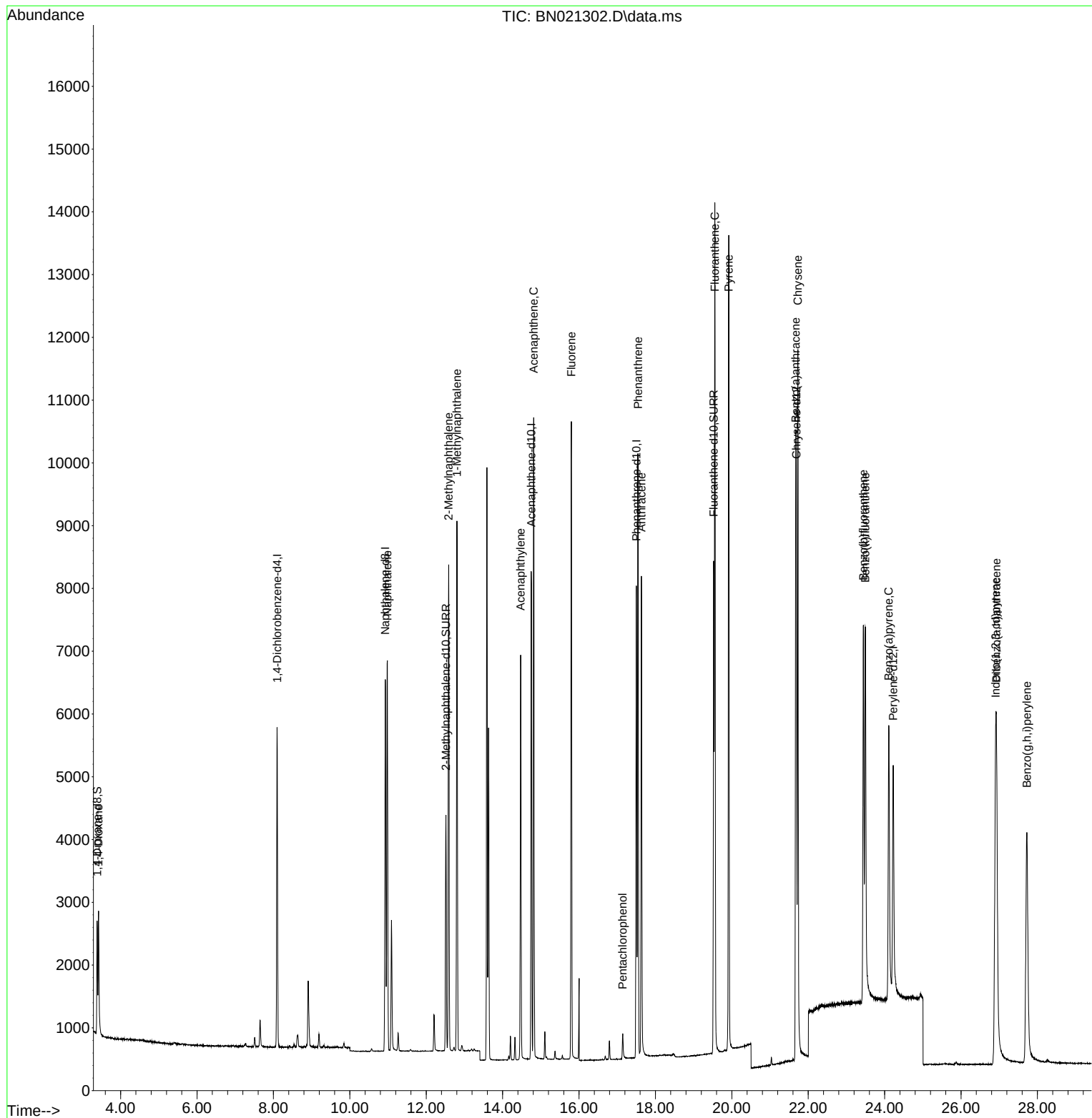
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	2585	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	8065	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	4187	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	8628	0.400	ng/ul	0.00
17) Chrysene-d12	21.691	240	7087	0.400	ng/ul	# 0.00
23) Perylene-d12	24.225	264	5779	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	1338	0.405	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.516	152	4765	0.403	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	8444	0.386	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	1417	0.416	ng/ul	97
5) Naphthalene	10.982	128	8777	0.354	ng/ul	98
7) 2-Methylnaphthalene	12.588	142	5494	0.366	ng/ul	98
8) 1-Methylnaphthalene	12.802	142	5863	0.390	ng/ul	99
10) Acenaphthylene	14.471	152	7379	0.377	ng/ul	99
11) Acenaphthene	14.814	153	5633	0.348	ng/ul	99
12) Fluorene	15.799	166	6262	0.354	ng/ul	99
14) Pentachlorophenol	17.143	266	316	0.238	ng/ul	98
15) Phenanthrene	17.544	178	10591	0.343	ng/ul	99
16) Anthracene	17.633	178	8475	0.354	ng/ul	99
19) Fluoranthene	19.557	202	11224	0.358	ng/ul	99
20) Pyrene	19.919	202	10982	0.339	ng/ul	96
21) Benzo(a)anthracene	21.673	228	8270	0.358	ng/ul	99
22) Chrysene	21.729	228	10651	0.350	ng/ul	99
24) Benzo(b)fluoranthene	23.445	252	8829	0.330	ng/ul	97
25) Benzo(k)fluoranthene	23.497	252	9224	0.327	ng/ul	96
26) Benzo(a)pyrene	24.108	252	8162	0.334	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.904	276	9526	0.327	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.928	278	7769	0.337	ng/ul	96
29) Benzo(g,h,i)perylene	27.723	276	9537	0.367	ng/ul	97

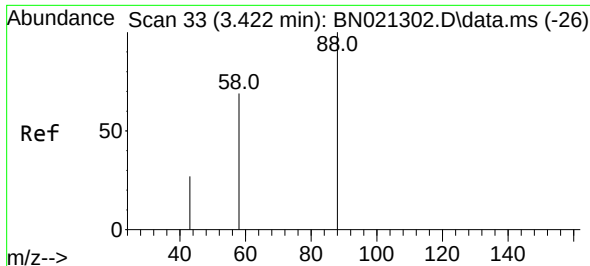
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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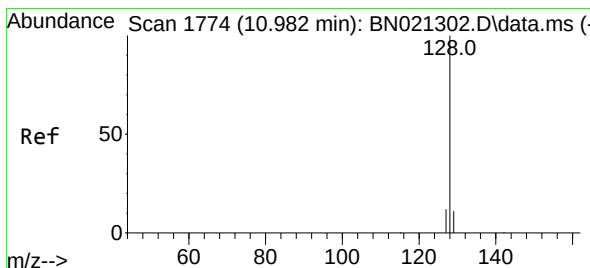
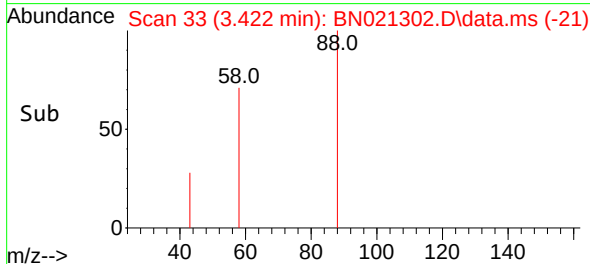
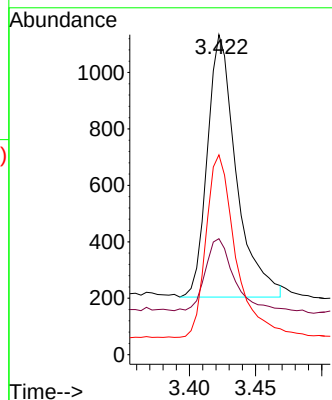
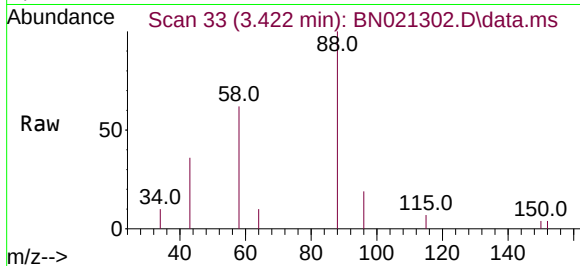




#2
1,4-Dioxane
Concen: 0.416 ng/ul
RT: 3.422 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021302.D
Acq: 22 Aug 2022 15:40

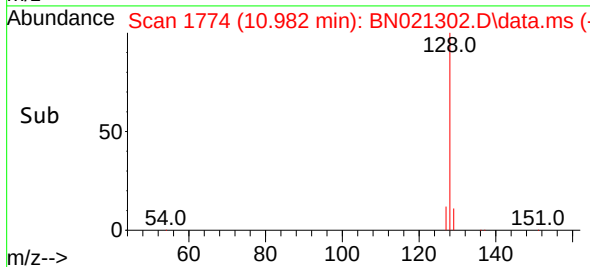
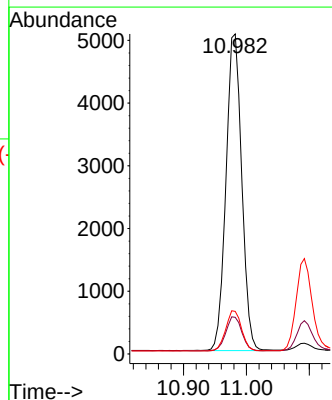
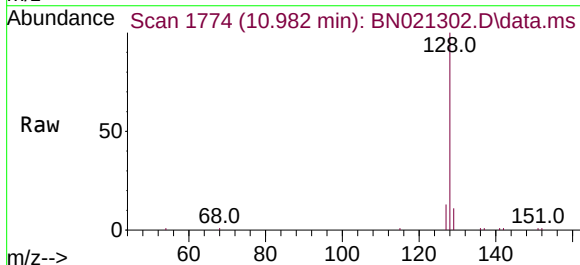
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

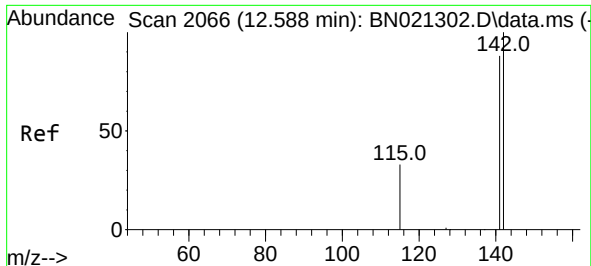
Tgt Ion: 88 Resp: 1417
Ion Ratio Lower Upper
88 100
43 36.2 31.4 47.0
58 62.4 49.0 73.6



#5
Naphthalene
Concen: 0.354 ng/ul
RT: 10.982 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BN021302.D
Acq: 22 Aug 2022 15:40

Tgt Ion: 128 Resp: 8777
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.6
127 13.3 11.6 17.4

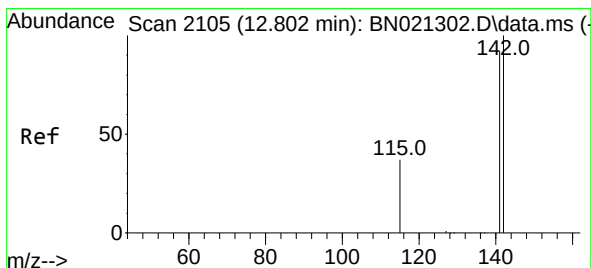
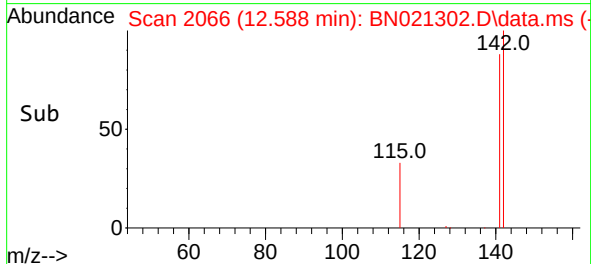
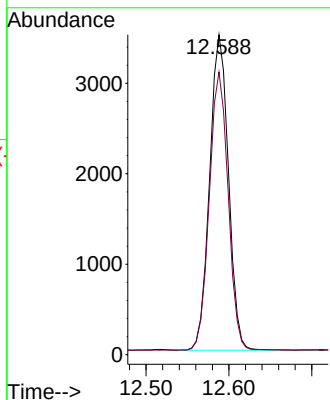
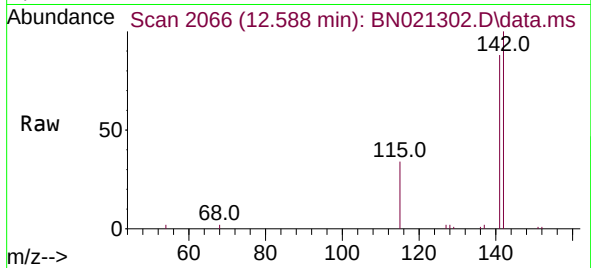




#7
2-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.588 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN021302.D
Acq: 22 Aug 2022 15:40

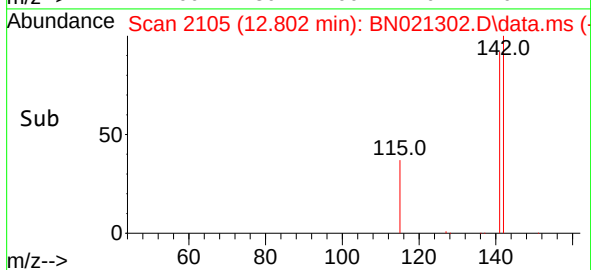
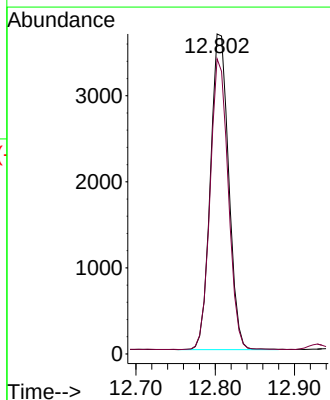
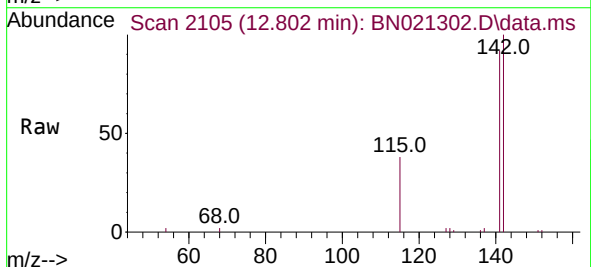
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

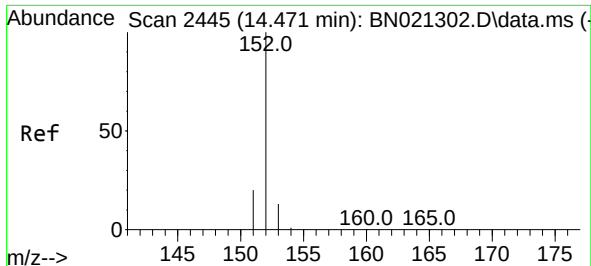
Tgt Ion:142 Resp: 5494
Ion Ratio Lower Upper
142 100
141 88.1 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.802 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BN021302.D
Acq: 22 Aug 2022 15:40

Tgt Ion:142 Resp: 5863
Ion Ratio Lower Upper
142 100
141 91.1 73.9 110.9

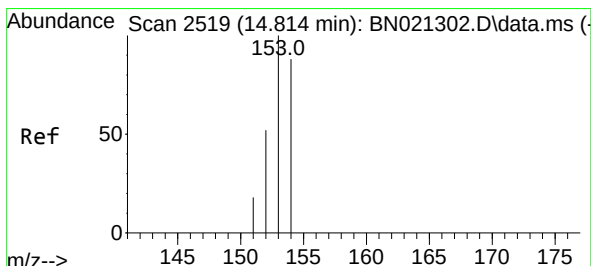
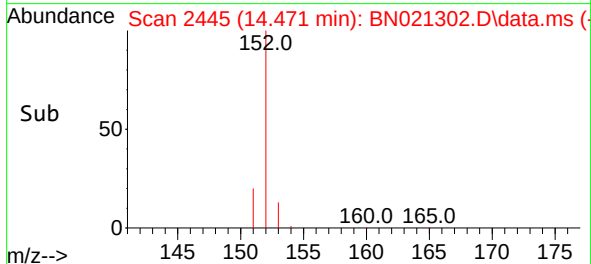
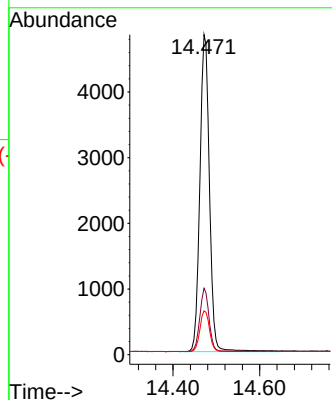
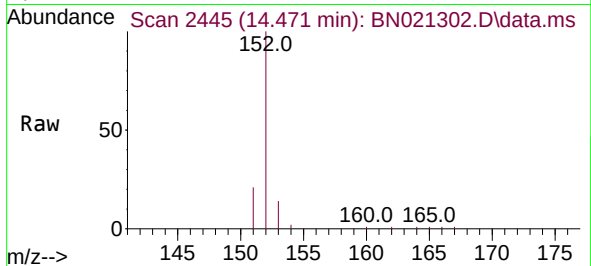




#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 14.471 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN021302.D
Acq: 22 Aug 2022 15:40

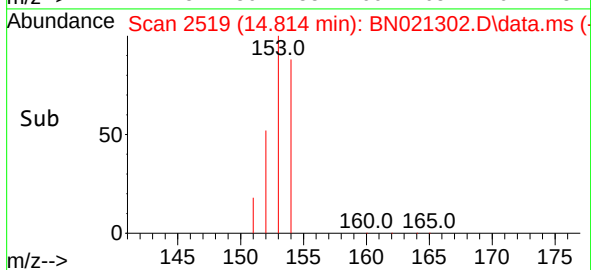
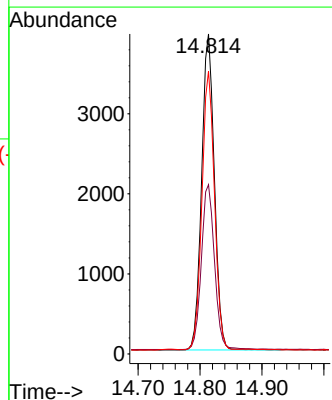
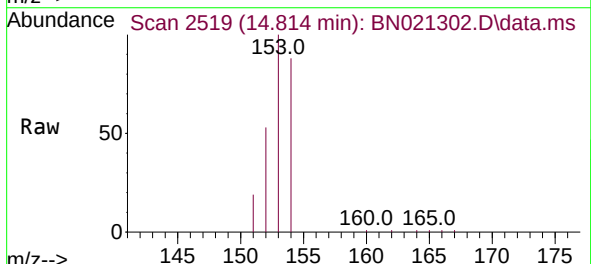
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

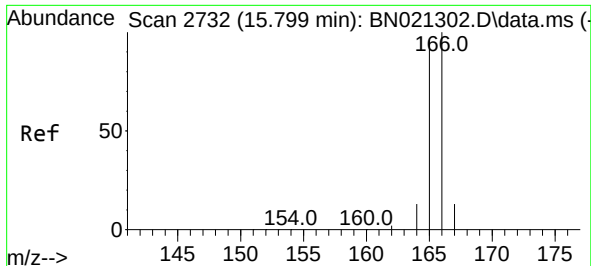
Tgt Ion:	152	Resp:	7379
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.9	25.3
153	13.7	11.2	16.8



#11
Acenaphthene
Concen: 0.348 ng/ul
RT: 14.814 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN021302.D
Acq: 22 Aug 2022 15:40

Tgt Ion:	153	Resp:	5633
Ion Ratio	Lower	Upper	
153	100		
152	52.9	40.2	60.4
154	88.4	70.7	106.1

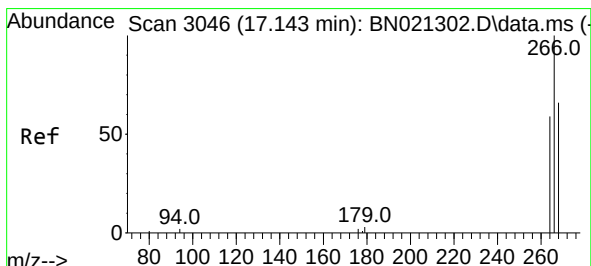
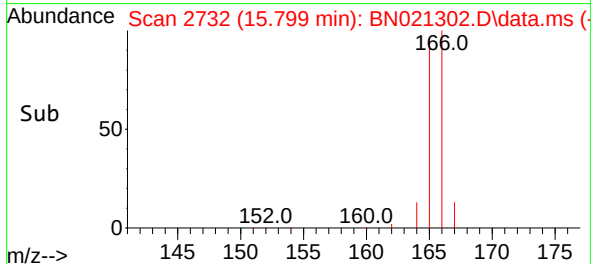
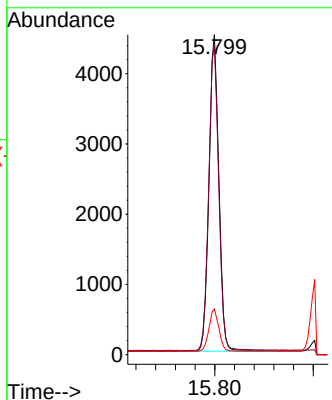
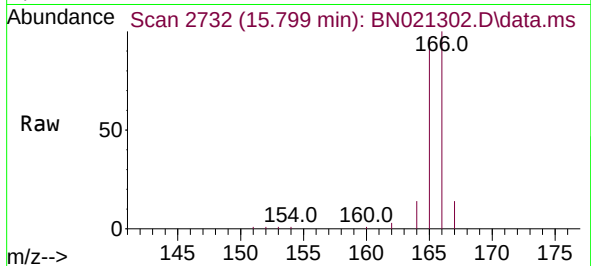




#12
 Fluorene
 Concen: 0.354 ng/ul
 RT: 15.799 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN021302.D
 Acq: 22 Aug 2022 15:40

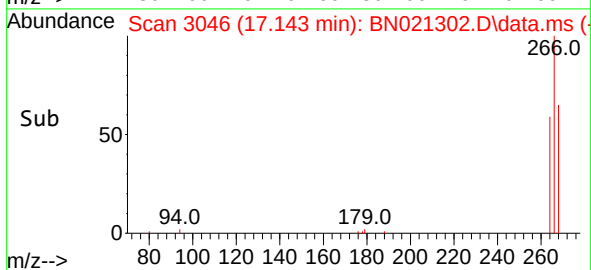
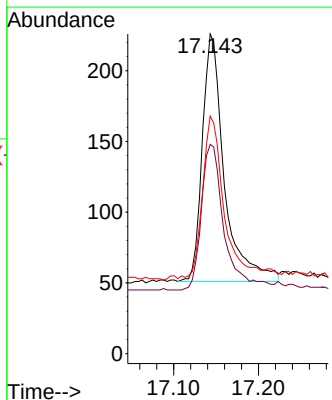
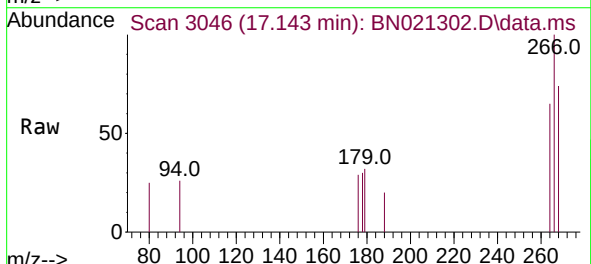
Instrument :
 BNA_N
 ClientSampleId :
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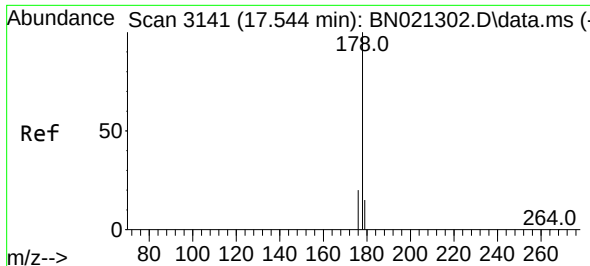
Tgt Ion:166 Resp: 6262
 Ion Ratio Lower Upper
 166 100
 165 96.6 78.6 117.8
 167 14.3 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.238 ng/ul
 RT: 17.143 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: BN021302.D
 Acq: 22 Aug 2022 15:40

Tgt Ion:266 Resp: 316
 Ion Ratio Lower Upper
 266 100
 264 62.0 49.8 74.8
 268 65.8 50.6 75.8

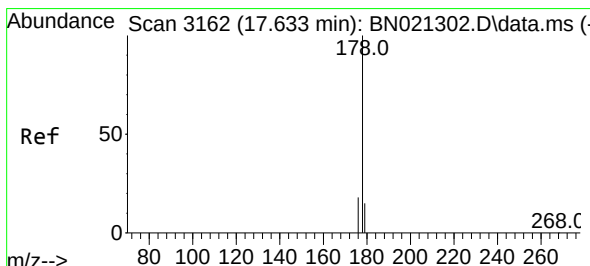
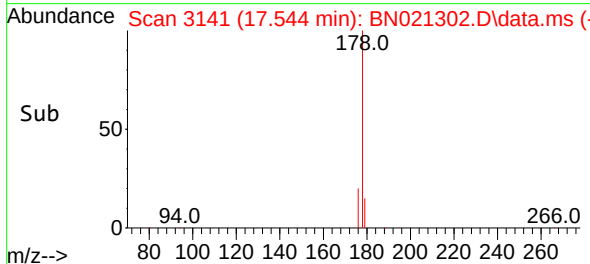
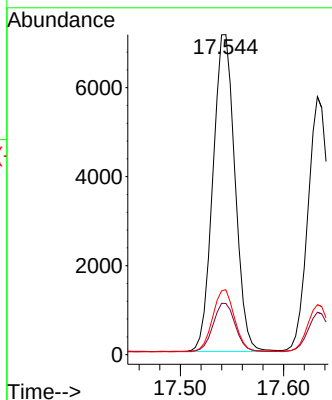
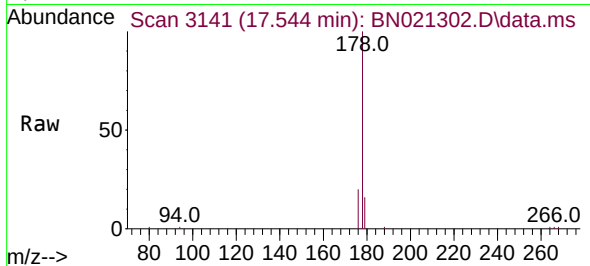




#15
Phenanthrene
Concen: 0.343 ng/ul
RT: 17.544 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BN021302.D
Acq: 22 Aug 2022 15:40

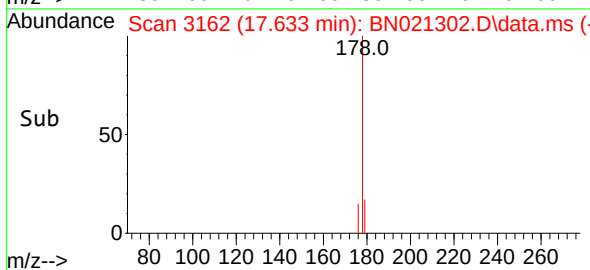
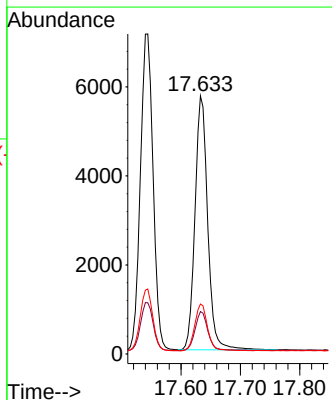
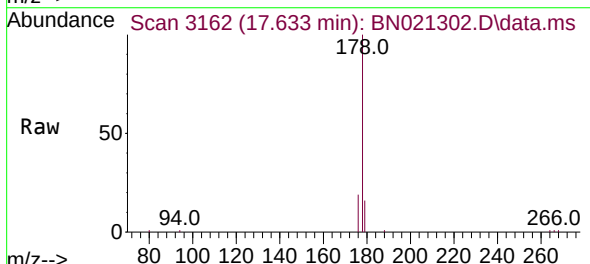
Instrument :
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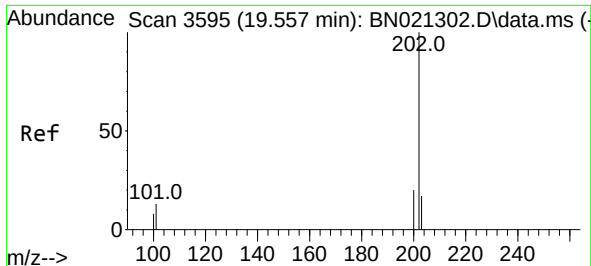
Tgt Ion:	178	Resp:	10591
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.8	19.2
176	20.3	15.9	23.9



#16
Anthracene
Concen: 0.354 ng/ul
RT: 17.633 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN021302.D
Acq: 22 Aug 2022 15:40

Tgt Ion:	178	Resp:	8475
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.9	19.3
176	19.4	15.9	23.9

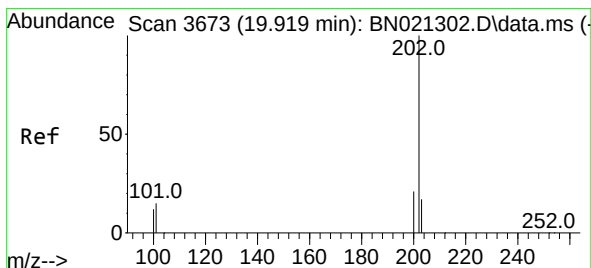
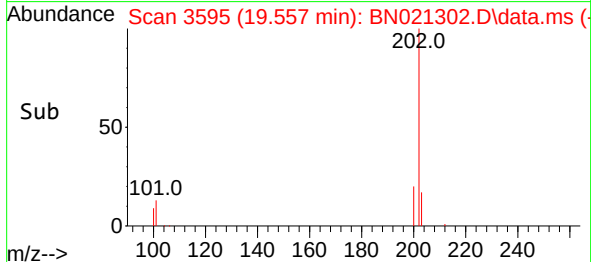
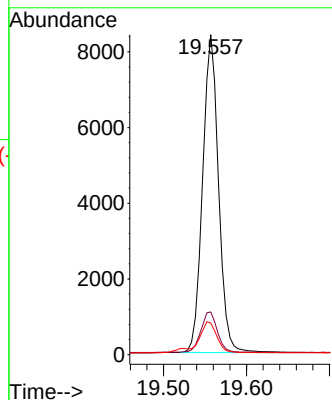
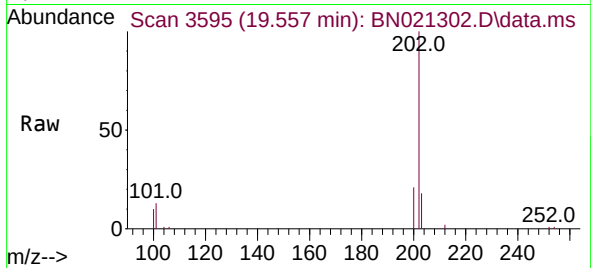




#19
Fluoranthene
Concen: 0.358 ng/u1
RT: 19.557 min Scan# 3595
Delta R.T. 0.000 min
Lab File: BN021302.D
Acq: 22 Aug 2022 15:40

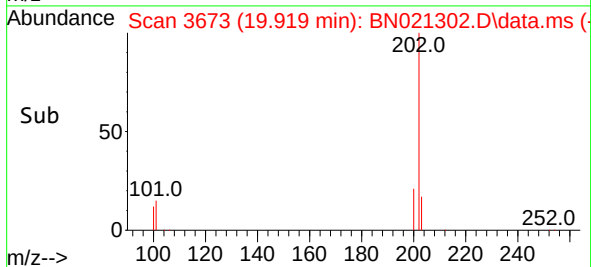
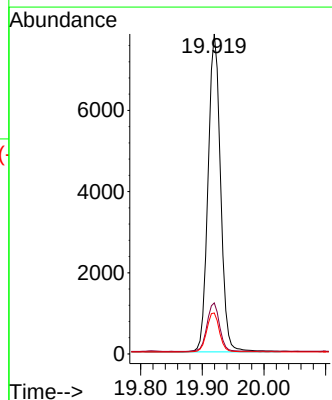
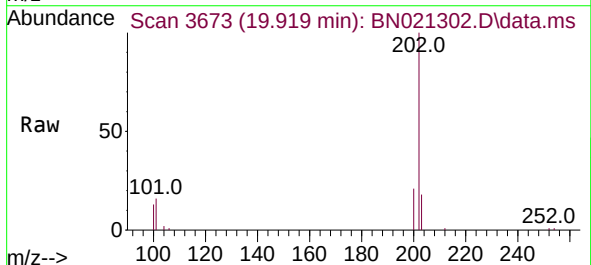
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

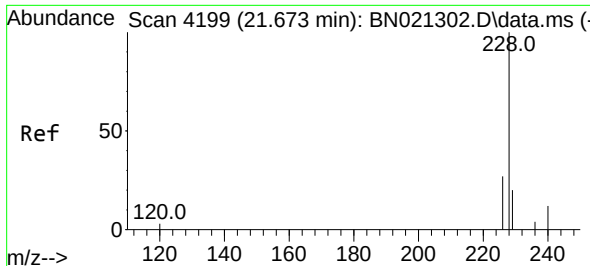
Tgt Ion:202 Resp: 11224
Ion Ratio Lower Upper
202 100
101 13.3 10.0 15.0
100 9.9 8.0 12.0



#20
Pyrene
Concen: 0.339 ng/u1
RT: 19.919 min Scan# 3673
Delta R.T. 0.000 min
Lab File: BN021302.D
Acq: 22 Aug 2022 15:40

Tgt Ion:202 Resp: 10982
Ion Ratio Lower Upper
202 100
101 16.0 11.3 16.9
100 12.8 9.0 13.4

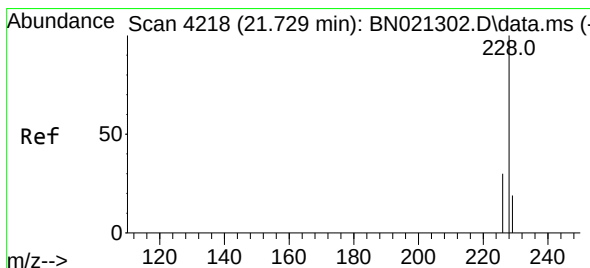
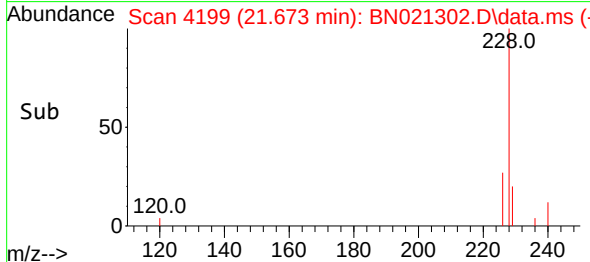
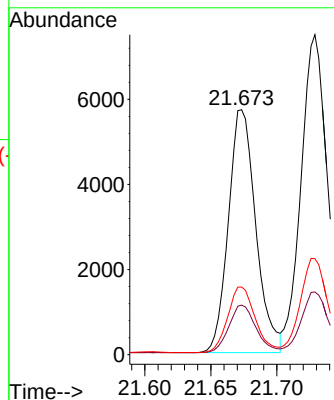
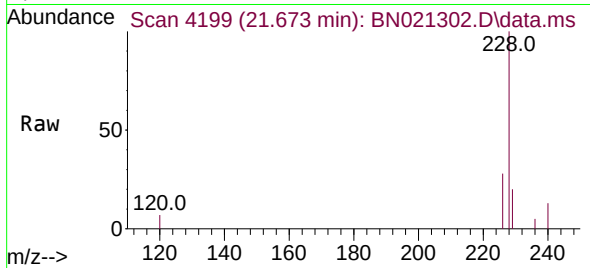




#21
Benzo(a)anthracene
Concen: 0.358 ng/ul
RT: 21.673 min Scan# 4199
Delta R.T. 0.000 min
Lab File: BN021302.D
Acq: 22 Aug 2022 15:40

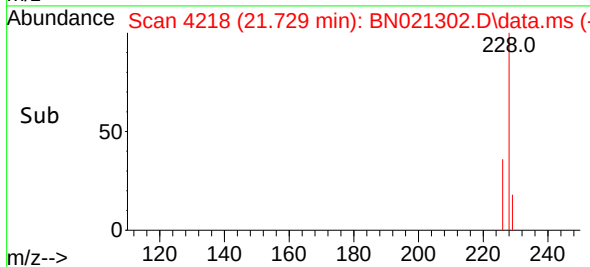
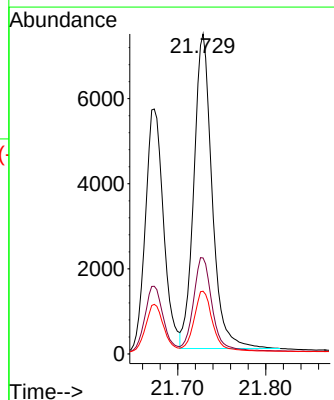
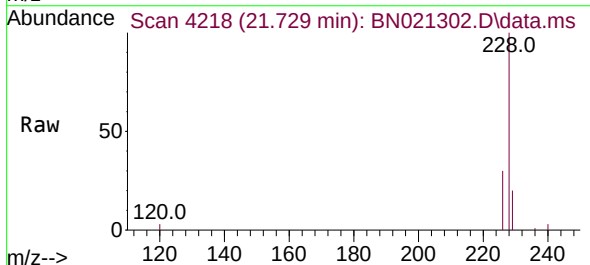
Instrument :
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SSTD0.4239

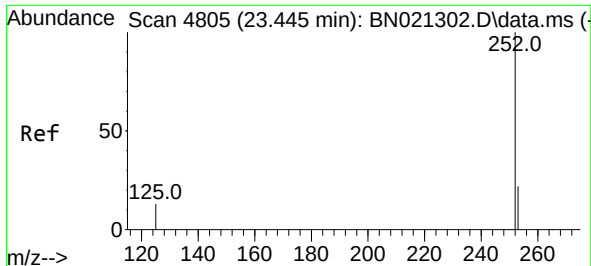
Tgt Ion:228 Resp: 8270
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 27.7 21.9 32.9



#22
Chrysene
Concen: 0.350 ng/ul
RT: 21.729 min Scan# 4218
Delta R.T. 0.000 min
Lab File: BN021302.D
Acq: 22 Aug 2022 15:40

Tgt Ion:228 Resp: 10651
Ion Ratio Lower Upper
228 100
226 30.0 24.6 37.0
229 19.6 15.8 23.8

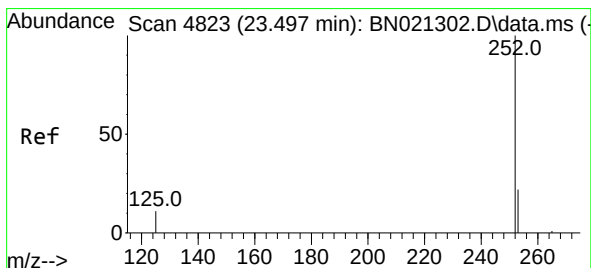
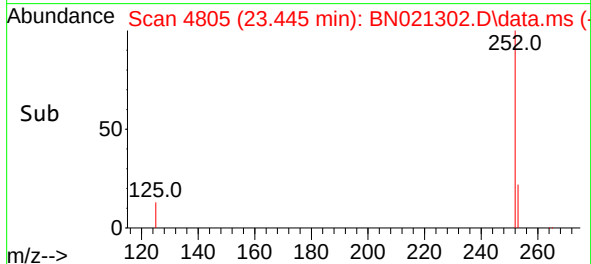
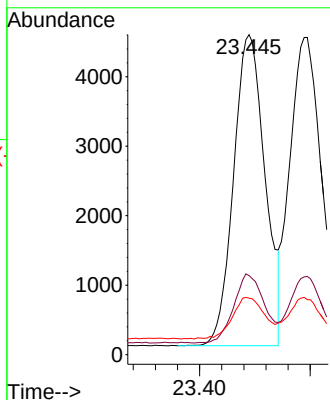
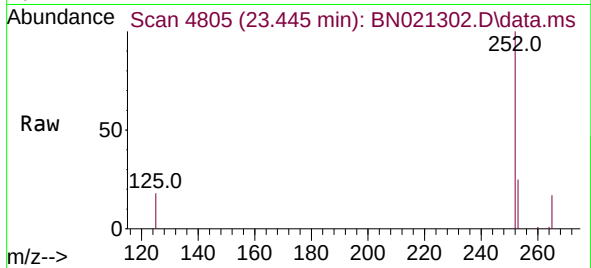




#24
Benzo(b)fluoranthene
Concen: 0.330 ng/ul
RT: 23.445 min Scan# 4805
Delta R.T. 0.000 min
Lab File: BN021302.D
Acq: 22 Aug 2022 15:40

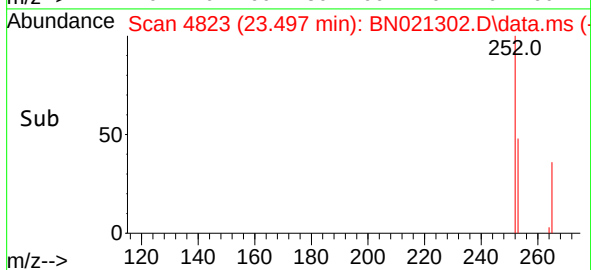
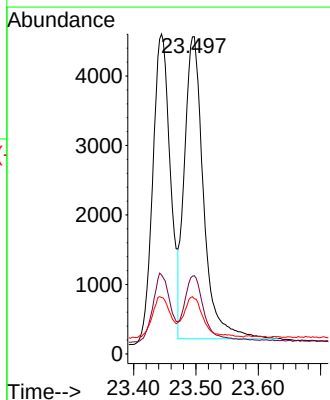
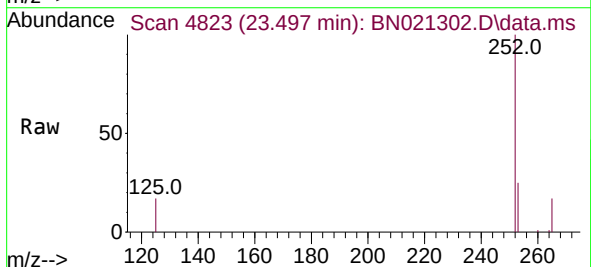
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

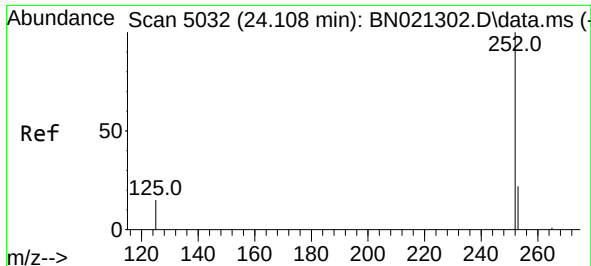
Tgt Ion:252 Resp: 8829
Ion Ratio Lower Upper
252 100
253 24.7 0.0 50.8
125 17.7 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.327 ng/ul
RT: 23.497 min Scan# 4823
Delta R.T. 0.000 min
Lab File: BN021302.D
Acq: 22 Aug 2022 15:40

Tgt Ion:252 Resp: 9224
Ion Ratio Lower Upper
252 100
253 24.7 20.6 31.0
125 17.3 11.8 17.6

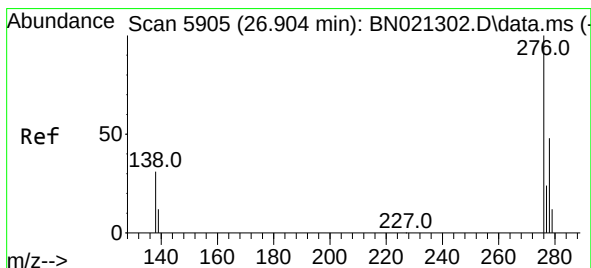
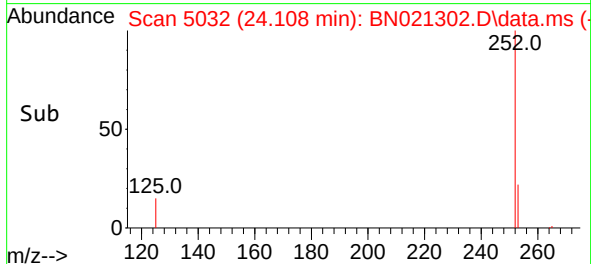
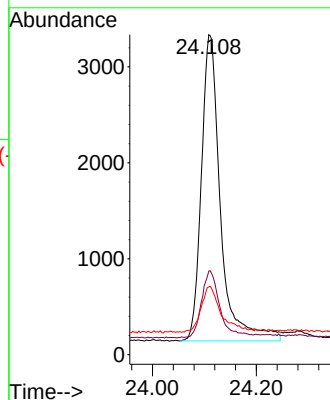
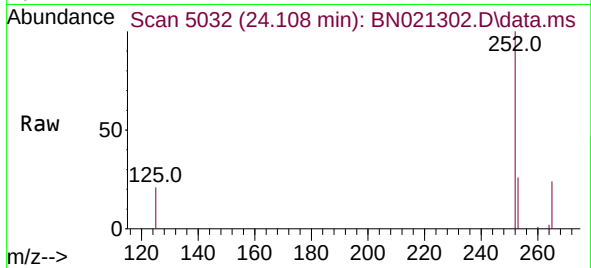




#26
Benzo(a)pyrene
Concen: 0.334 ng/ul
RT: 24.108 min Scan# 5032
Delta R.T. 0.000 min
Lab File: BN021302.D
Acq: 22 Aug 2022 15:40

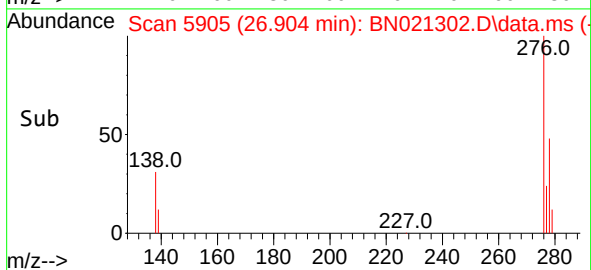
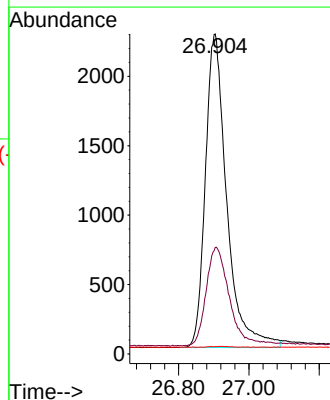
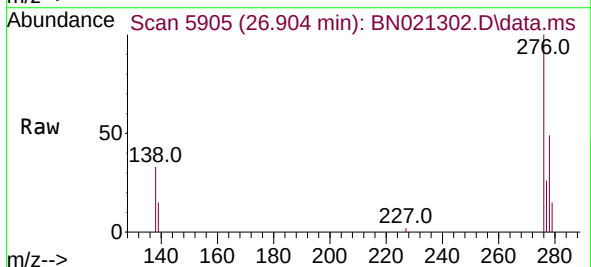
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

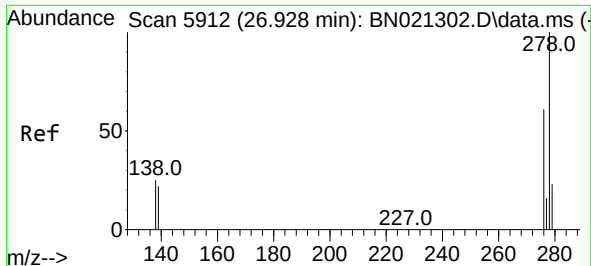
Tgt Ion:252 Resp: 8162
Ion Ratio Lower Upper
252 100
253 26.2 22.1 33.1
125 21.2 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.327 ng/ul
RT: 26.904 min Scan# 5905
Delta R.T. 0.000 min
Lab File: BN021302.D
Acq: 22 Aug 2022 15:40

Tgt Ion:276 Resp: 9526
Ion Ratio Lower Upper
276 100
138 34.6 26.1 39.1
227 0.1 0.1 0.1

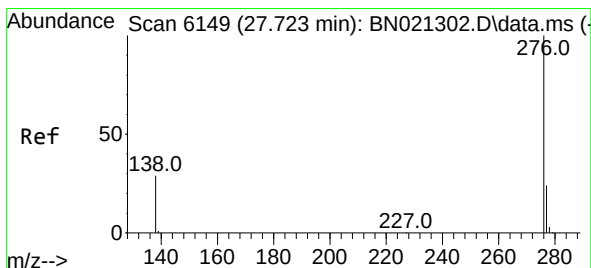
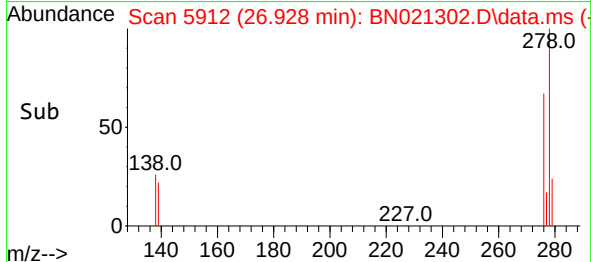
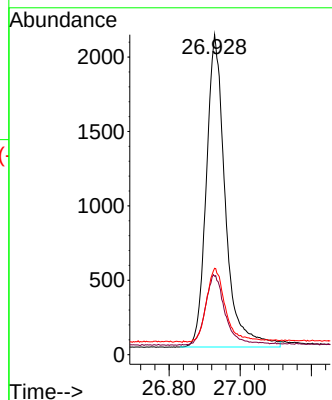
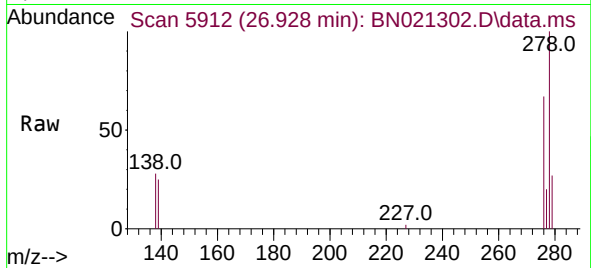




#28
 Dibenzo(a,h)anthracene
 Concen: 0.337 ng/ul
 RT: 26.928 min Scan# 5912
 Delta R.T. 0.000 min
 Lab File: BN021302.D
 Acq: 22 Aug 2022 15:40

Instrument :
 BNA_N
 ClientSampleId :
 SST00.4239

Tgt Ion:278 Resp: 7769
 Ion Ratio Lower Upper
 278 100
 139 24.5 18.3 27.5
 279 27.0 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.367 ng/ul
 RT: 27.723 min Scan# 6149
 Delta R.T. 0.000 min
 Lab File: BN021302.D
 Acq: 22 Aug 2022 15:40

Tgt Ion:276 Resp: 9537
 Ion Ratio Lower Upper
 276 100
 138 30.9 22.6 34.0
 277 25.8 20.2 30.2

