

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
 Data File : BN022877.D
 Acq On : 26 Nov 2022 11:46
 Operator : CG/JU
 Sample : SST0.855
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8212

Quant Time: Nov 28 03:01:23 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 28 02:35:52 2022
 Response via : Initial Calibration

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

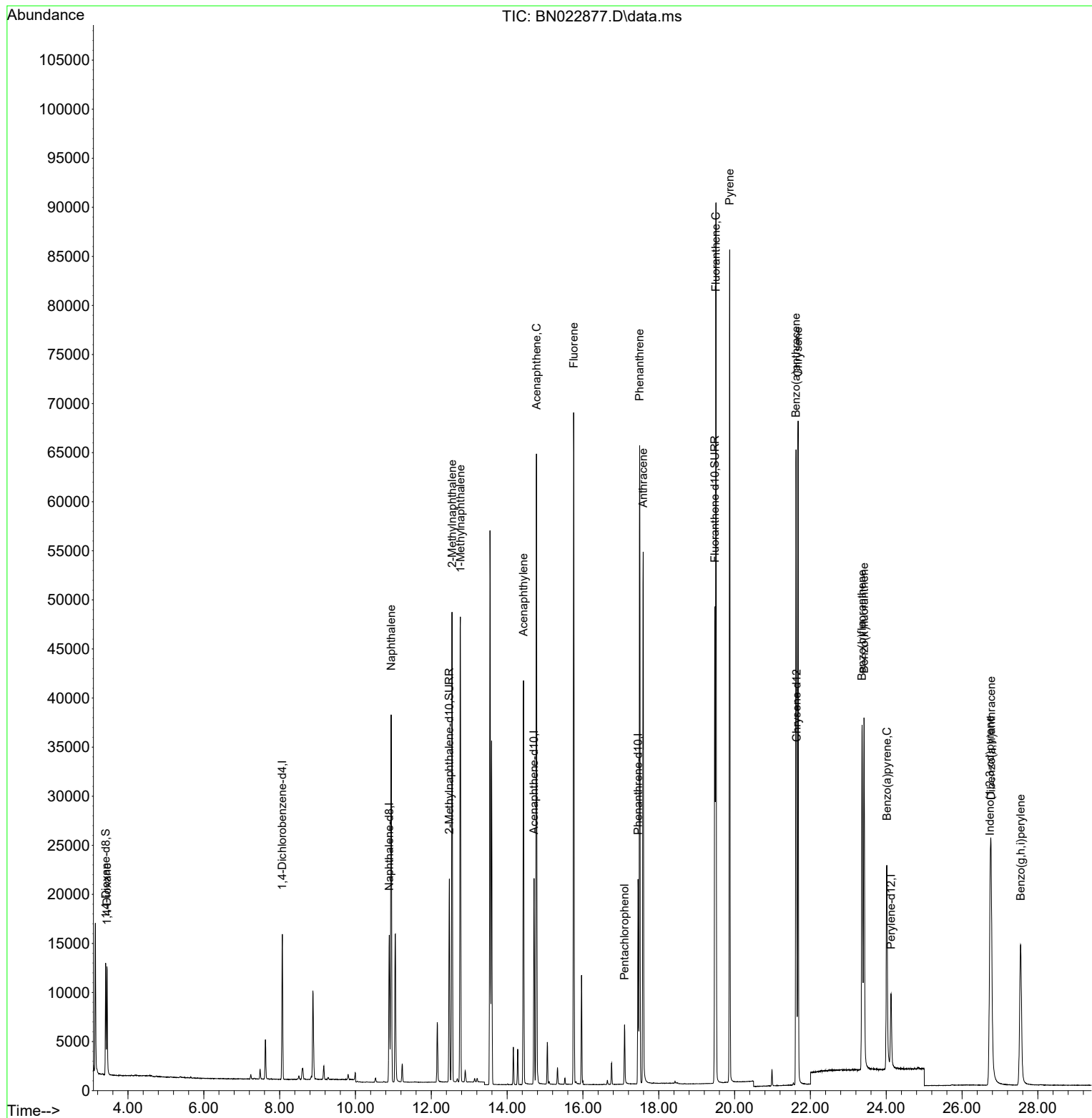
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	7256	0.400	ng/ul	0.00
4) Naphthalene-d8	10.892	136	19614	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.710	164	10922	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.453	188	23276	0.400	ng/ul	0.00
17) Chrysene-d12	21.636	240	16899	0.400	ng/ul	0.00
23) Perylene-d12	24.127	264	11041	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.412	96	7015	0.806	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.476	152	25011	0.837	ng/ul	0.00
18) Fluoranthene-d10	19.480	212	50207	0.804	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.450	88	7314	0.805	ng/ul	95
5) Naphthalene	10.942	128	49298	0.828	ng/ul	99
7) 2-Methylnaphthalene	12.547	142	31462	0.846	ng/ul	99
8) 1-Methylnaphthalene	12.767	142	31797	0.840	ng/ul	100
10) Acenaphthylene	14.432	152	44873	0.833	ng/ul	100
11) Acenaphthene	14.775	153	35424	0.831	ng/ul	99
12) Fluorene	15.755	166	41248	0.854	ng/ul	100
14) Pentachlorophenol	17.099	266	4018	0.825	ng/ul#	100
15) Phenanthrene	17.496	178	66531	0.833	ng/ul	100
16) Anthracene	17.588	178	58208	0.849	ng/ul	99
19) Fluoranthene	19.508	202	71737	0.821	ng/ul	99
20) Pyrene	19.871	202	68720	0.803	ng/ul	100
21) Benzo(a)anthracene	21.619	228	54231	0.839	ng/ul	100
22) Chrysene	21.674	228	58157	0.821	ng/ul	99
24) Benzo(b)fluoranthene	23.364	252	48491	0.867	ng/ul	97
25) Benzo(k)fluoranthene	23.413	252	50430	0.853	ng/ul	97
26) Benzo(a)pyrene	24.016	252	35620	0.836	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.738	276	41363	0.817	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.765	278	32946	0.819	ng/ul	98
29) Benzo(g,h,i)perylene	27.546	276	34744	0.786	ng/ul	98

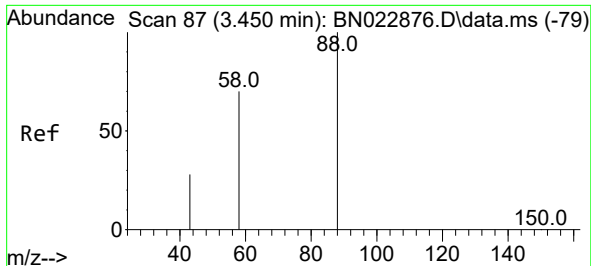
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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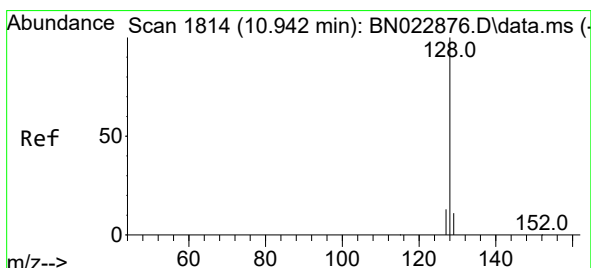
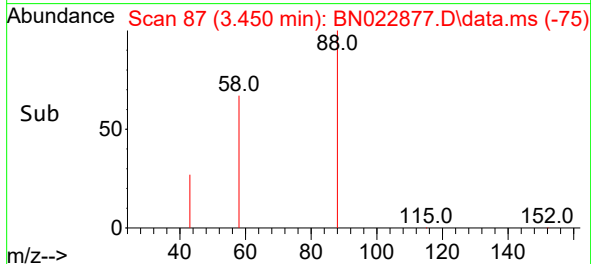
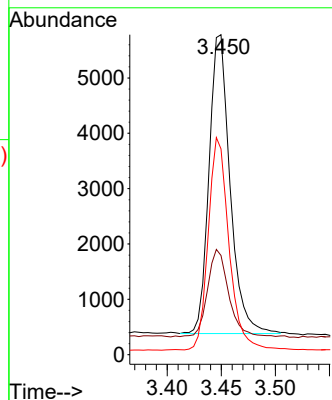
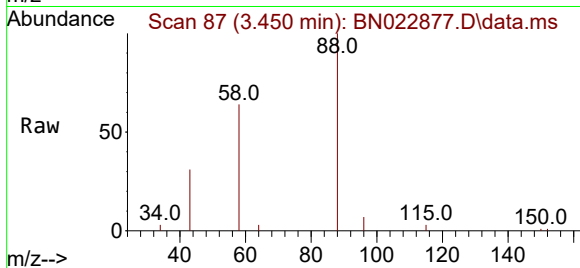




#2
1,4-Dioxane
Concen: 0.805 ng/ul
RT: 3.450 min Scan# 87
Delta R.T. -0.000 min
Lab File: BN022877.D
Acq: 26 Nov 2022 11:46

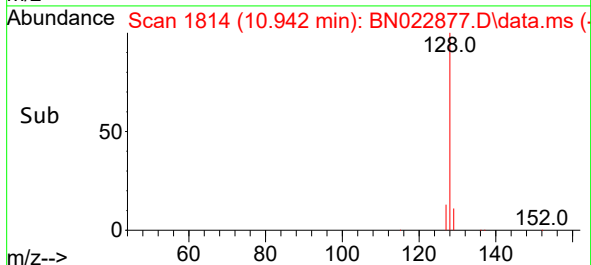
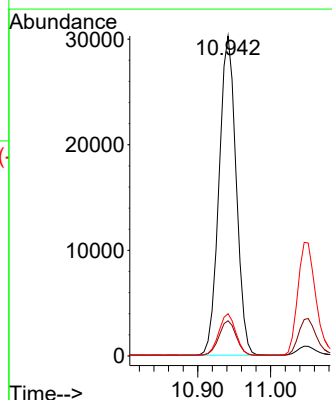
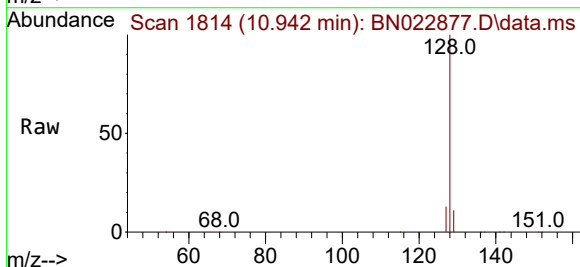
Instrument :
BNA_N
ClientSampleId :
SSTD0.8212

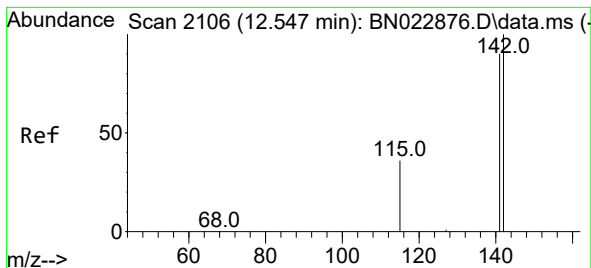
Tgt Ion: 88 Resp: 7314
Ion Ratio Lower Upper
88 100
43 31.0 26.2 39.4
58 64.3 47.6 71.4



#5
Naphthalene
Concen: 0.828 ng/ul
RT: 10.942 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BN022877.D
Acq: 26 Nov 2022 11:46

Tgt Ion: 128 Resp: 49298
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.2 10.6 16.0

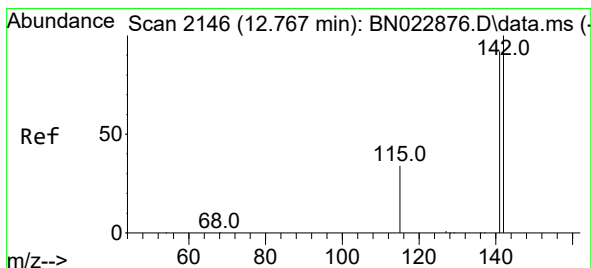
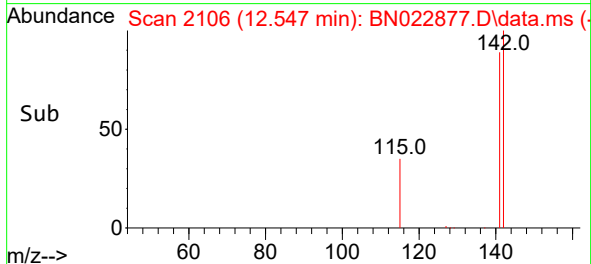
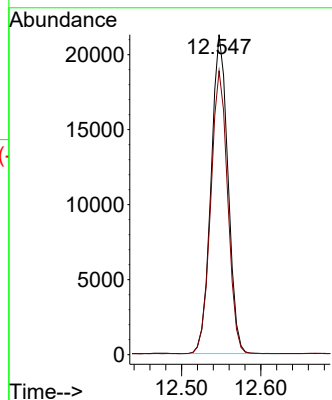
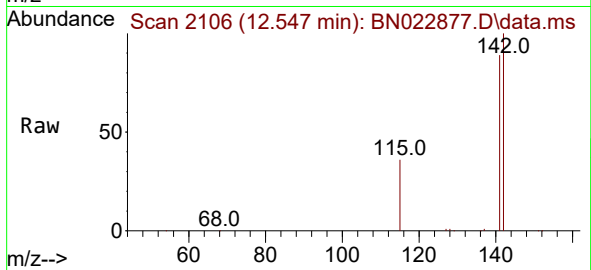




#7
2-Methylnaphthalene
Concen: 0.846 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN022877.D
Acq: 26 Nov 2022 11:46

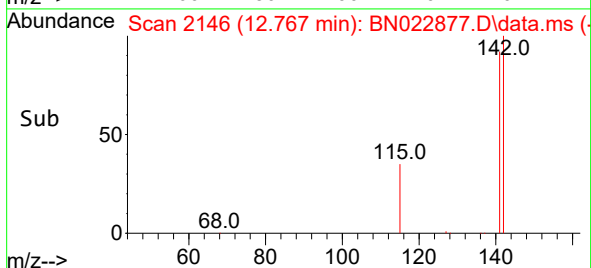
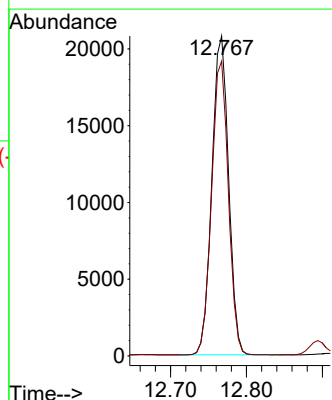
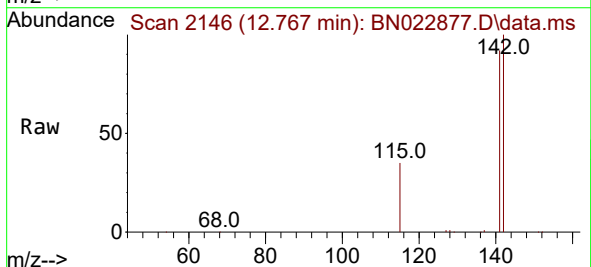
Instrument :
BNA_N
ClientSampleId :
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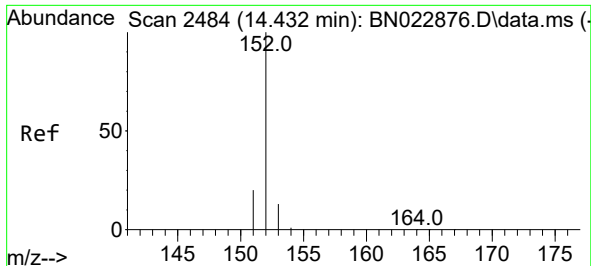
Tgt Ion:142 Resp: 31462
Ion Ratio Lower Upper
142 100
141 88.8 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.840 ng/ul
RT: 12.767 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BN022877.D
Acq: 26 Nov 2022 11:46

Tgt Ion:142 Resp: 31797
Ion Ratio Lower Upper
142 100
141 92.4 73.8 110.6

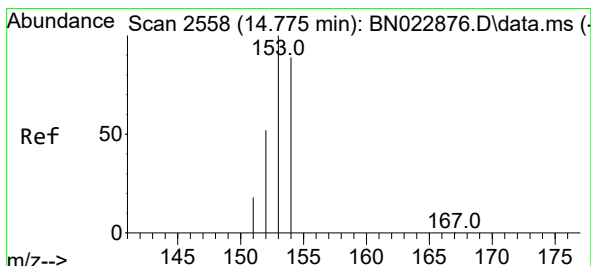
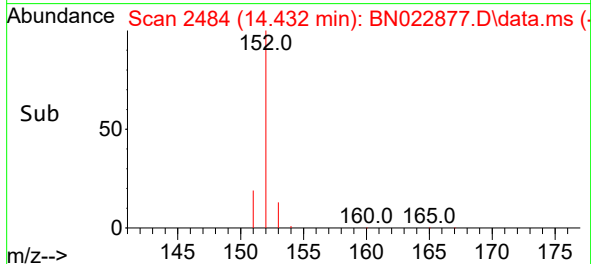
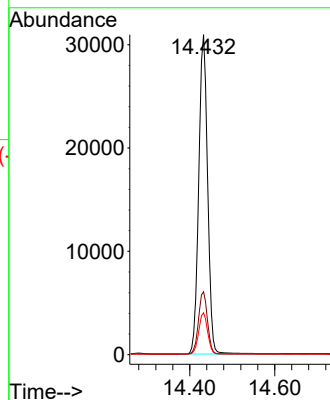
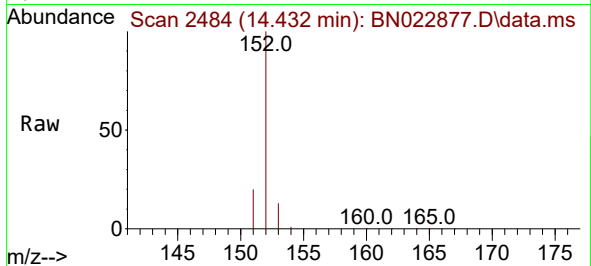




#10
Acenaphthylene
Concen: 0.833 ng/ul
RT: 14.432 min Scan# 2484
Delta R.T. -0.000 min
Lab File: BN022877.D
Acq: 26 Nov 2022 11:46

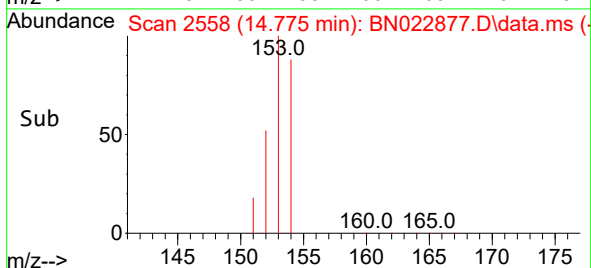
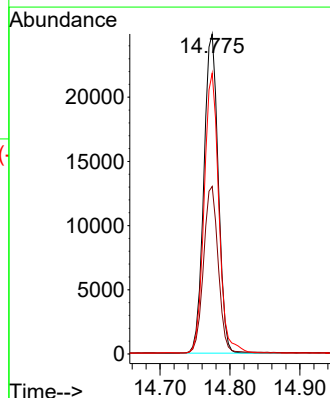
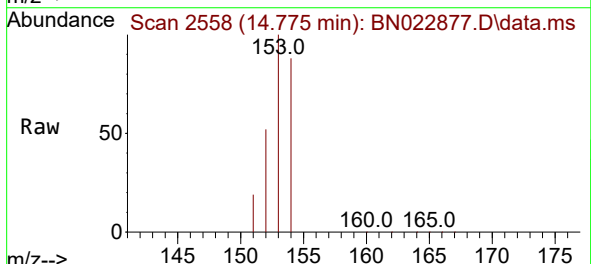
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BNA_N
ClientSampleId :
SSTD0.8212

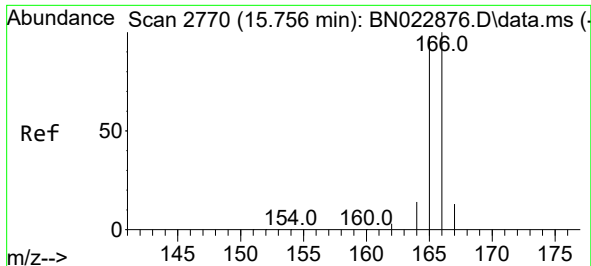
Tgt Ion:152 Resp: 44873
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 13.1 10.5 15.7



#11
Acenaphthene
Concen: 0.831 ng/ul
RT: 14.775 min Scan# 2558
Delta R.T. -0.000 min
Lab File: BN022877.D
Acq: 26 Nov 2022 11:46

Tgt Ion:153 Resp: 35424
Ion Ratio Lower Upper
153 100
152 52.4 41.8 62.8
154 87.8 71.3 106.9

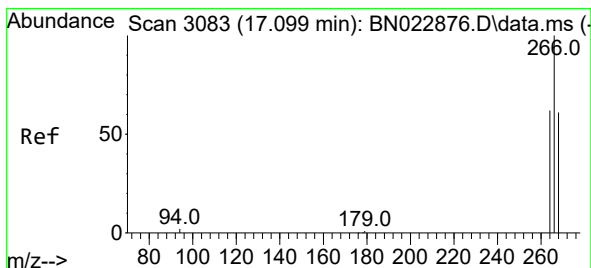
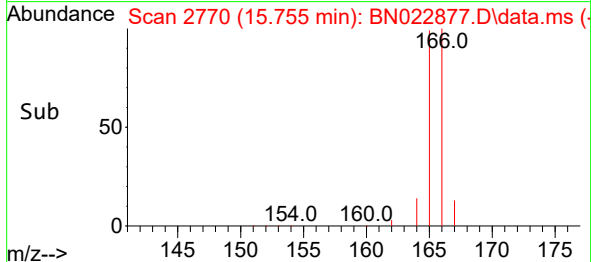
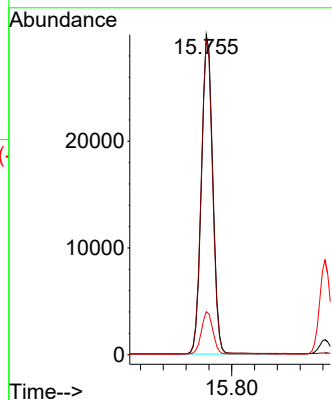
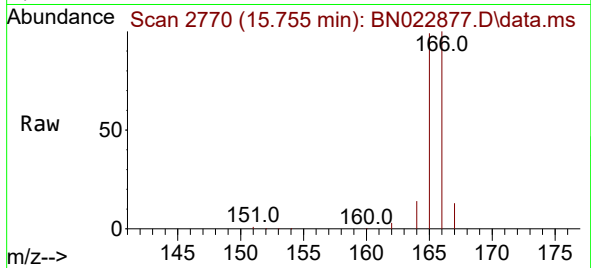




#12
Fluorene
Concen: 0.854 ng/ul
RT: 15.755 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN022877.D
Acq: 26 Nov 2022 11:46

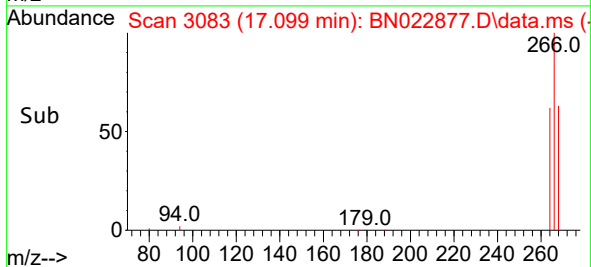
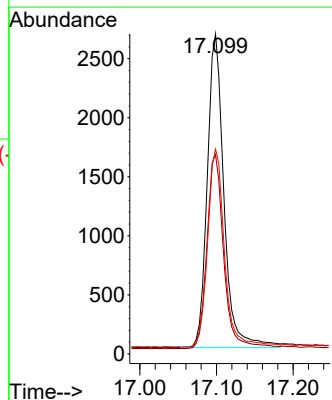
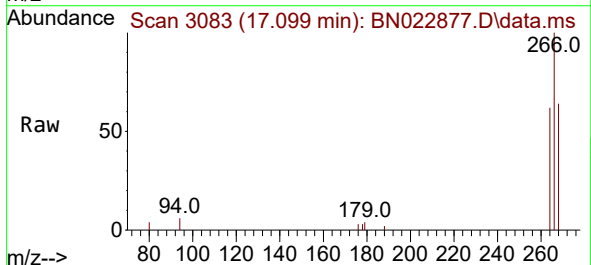
Instrument :
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ClientSampleId :
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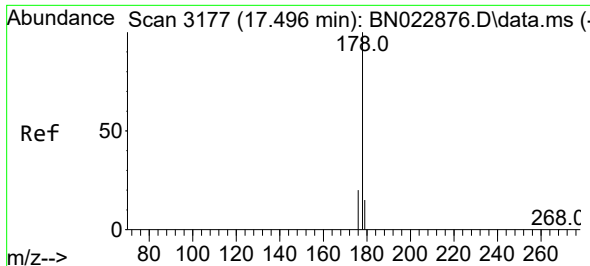
Tgt Ion:166 Resp: 41248
Ion Ratio Lower Upper
166 100
165 98.6 78.7 118.1
167 13.5 10.8 16.2



#14
Pentachlorophenol
Concen: 0.825 ng/ul
RT: 17.099 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BN022877.D
Acq: 26 Nov 2022 11:46

Tgt Ion:266 Resp: 4018
Ion Ratio Lower Upper
266 100
264 62.6 0.0 0.0#
268 63.8 0.0 0.0#

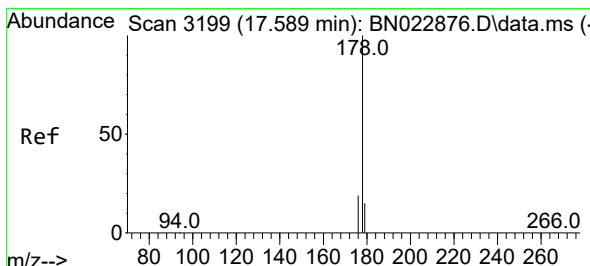
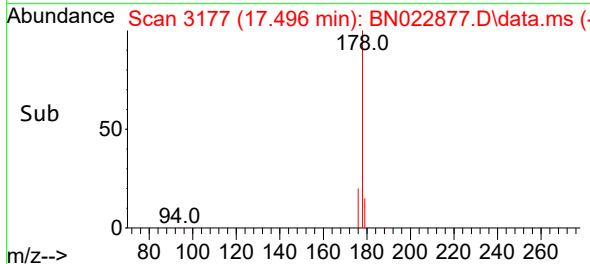
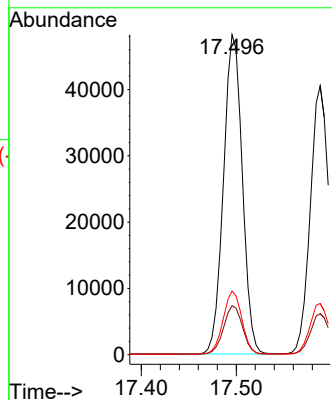
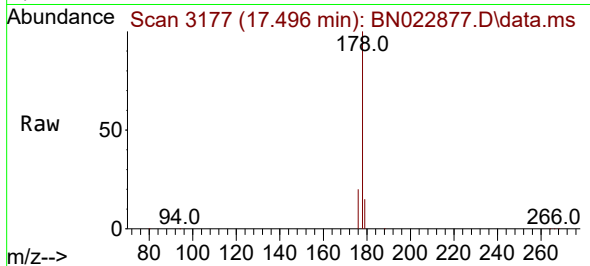




#15
Phenanthrene
Concen: 0.833 ng/ul
RT: 17.496 min Scan# 3177
Delta R.T. -0.000 min
Lab File: BN022877.D
Acq: 26 Nov 2022 11:46

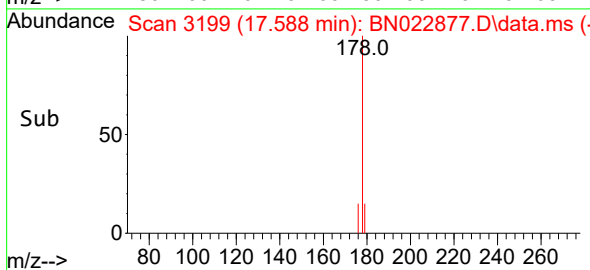
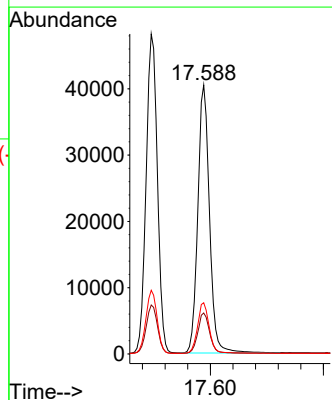
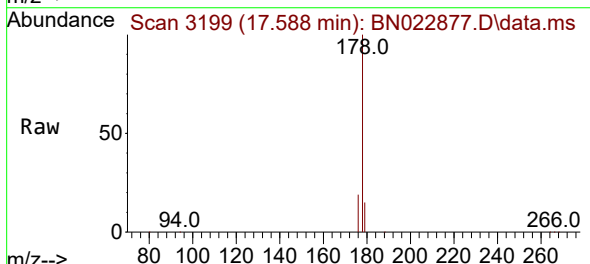
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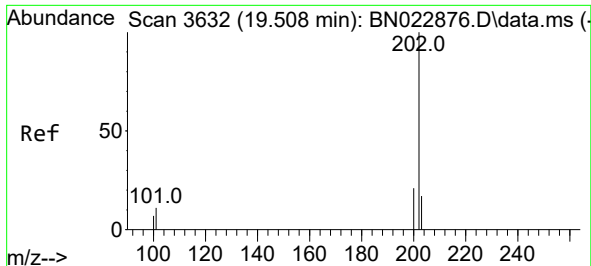
Tgt Ion:178 Resp: 66531
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 19.9 15.9 23.9



#16
Anthracene
Concen: 0.849 ng/ul
RT: 17.588 min Scan# 3199
Delta R.T. -0.000 min
Lab File: BN022877.D
Acq: 26 Nov 2022 11:46

Tgt Ion:178 Resp: 58208
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 19.0 15.3 22.9

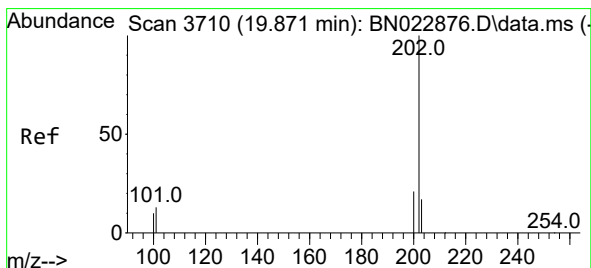
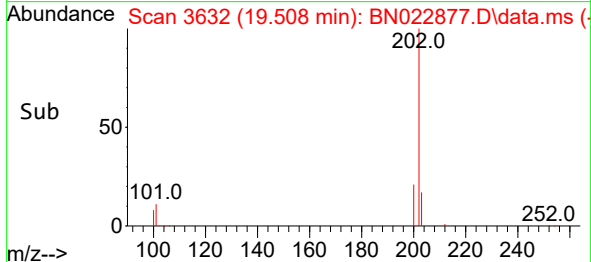
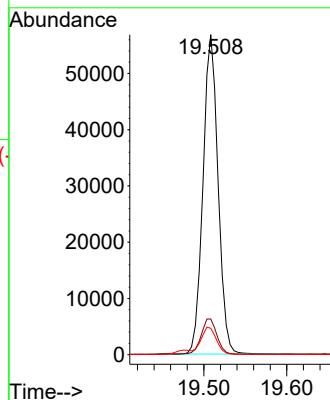
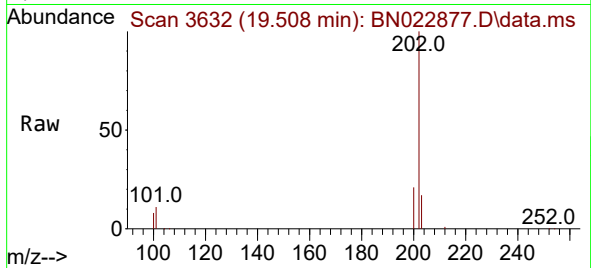




#19
Fluoranthene
Concen: 0.821 ng/ul
RT: 19.508 min Scan# 3632
Delta R.T. -0.000 min
Lab File: BN022877.D
Acq: 26 Nov 2022 11:46

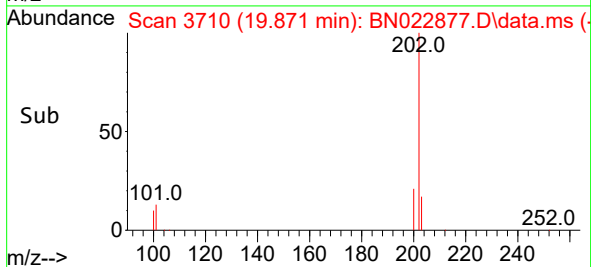
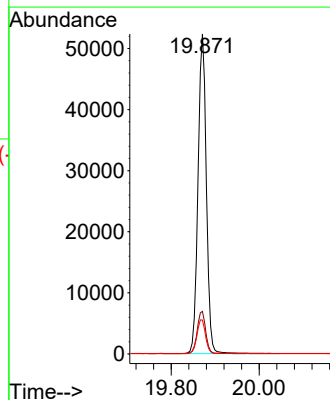
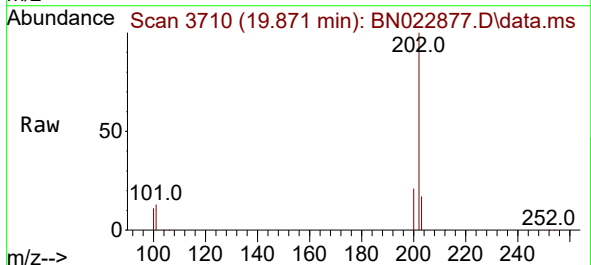
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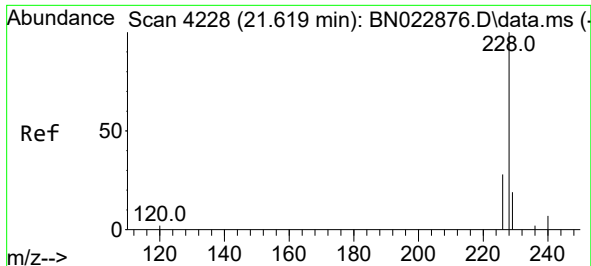
Tgt Ion:202 Resp: 71737
Ion Ratio Lower Upper
202 100
101 11.1 9.2 13.8
100 8.2 6.9 10.3



#20
Pyrene
Concen: 0.803 ng/ul
RT: 19.871 min Scan# 3710
Delta R.T. -0.000 min
Lab File: BN022877.D
Acq: 26 Nov 2022 11:46

Tgt Ion:202 Resp: 68720
Ion Ratio Lower Upper
202 100
101 13.3 10.6 16.0
100 10.6 8.2 12.4

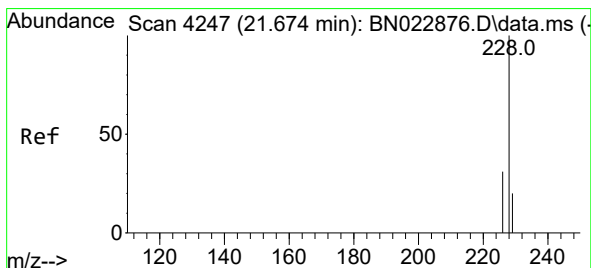
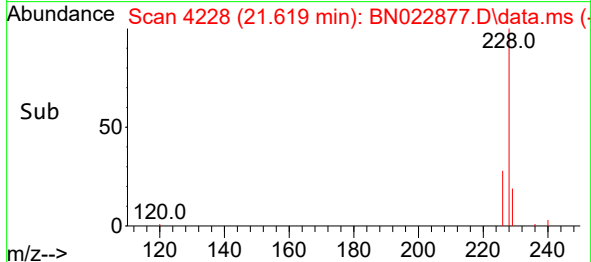
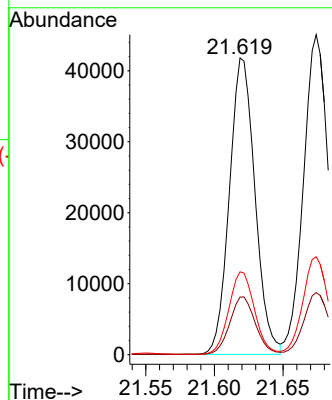
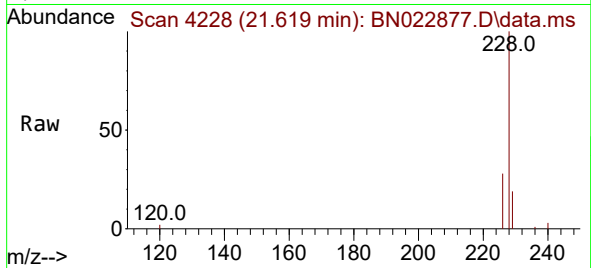




#21
Benzo(a)anthracene
Concen: 0.839 ng/ul
RT: 21.619 min Scan# 4228
Delta R.T. -0.000 min
Lab File: BN022877.D
Acq: 26 Nov 2022 11:46

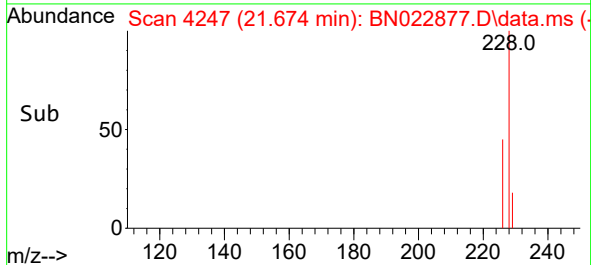
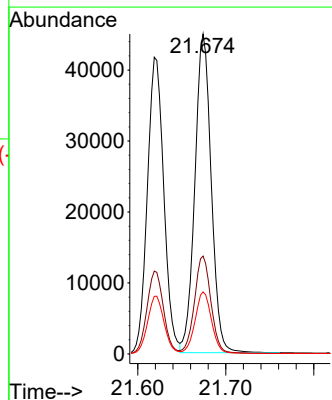
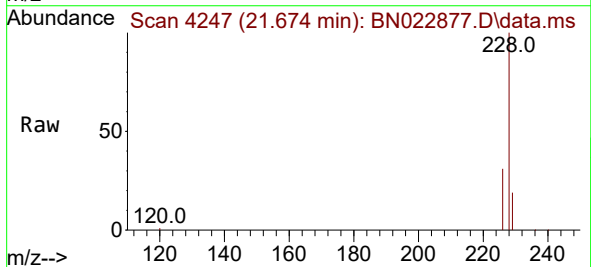
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SSTD0.8212

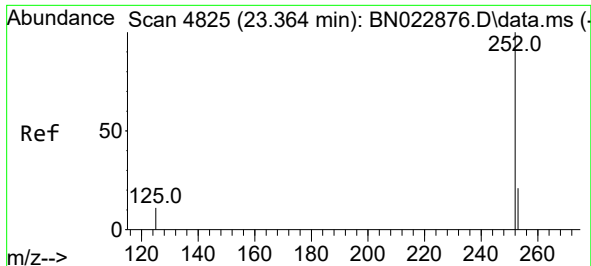
Tgt Ion:228 Resp: 54231
Ion Ratio Lower Upper
228 100
229 19.4 15.5 23.3
226 27.9 22.2 33.4



#22
Chrysene
Concen: 0.821 ng/ul
RT: 21.674 min Scan# 4247
Delta R.T. -0.000 min
Lab File: BN022877.D
Acq: 26 Nov 2022 11:46

Tgt Ion:228 Resp: 58157
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 19.4 15.8 23.8

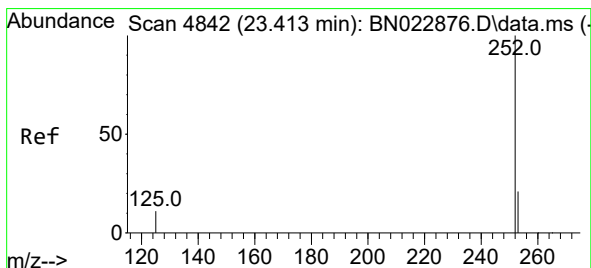
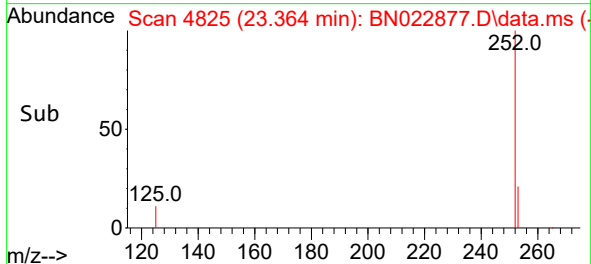
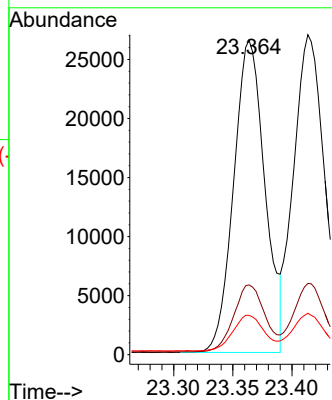
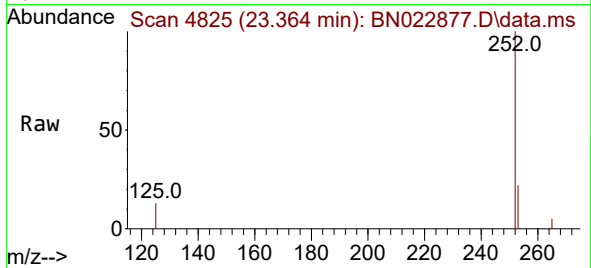




#24
Benzo(b)fluoranthene
Concen: 0.867 ng/ul
RT: 23.364 min Scan# 4825
Delta R.T. -0.000 min
Lab File: BN022877.D
Acq: 26 Nov 2022 11:46

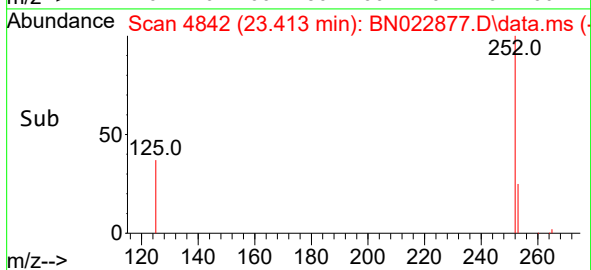
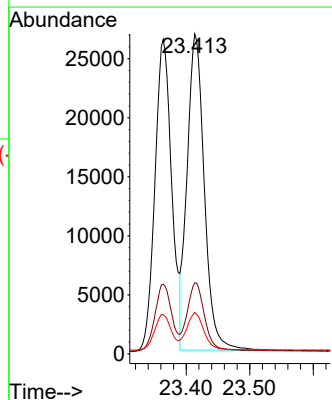
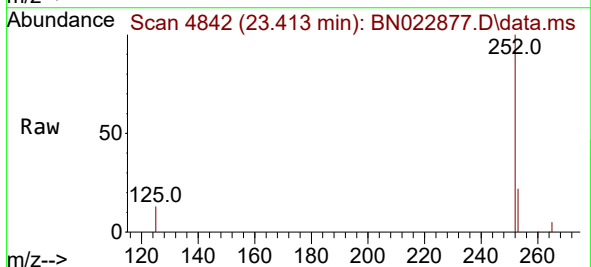
Instrument :
BNA_N
ClientSampleId :
SSTD0.8212

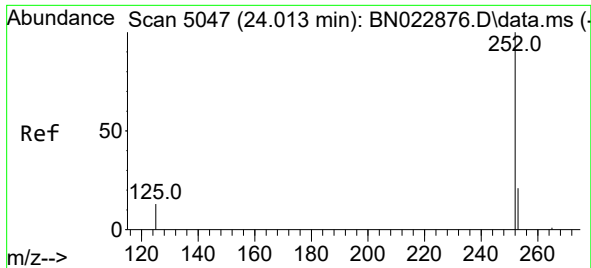
Tgt Ion:252 Resp: 48491
Ion Ratio Lower Upper
252 100
253 22.2 0.0 46.0
125 12.5 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.853 ng/ul
RT: 23.413 min Scan# 4842
Delta R.T. -0.000 min
Lab File: BN022877.D
Acq: 26 Nov 2022 11:46

Tgt Ion:252 Resp: 50430
Ion Ratio Lower Upper
252 100
253 22.2 18.7 28.1
125 12.9 11.3 16.9

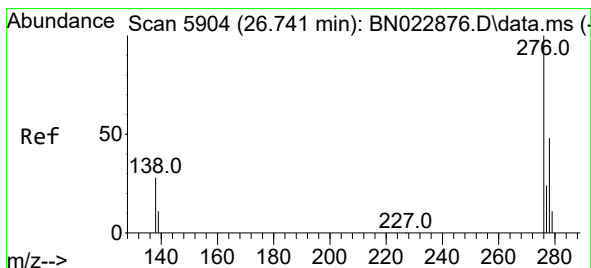
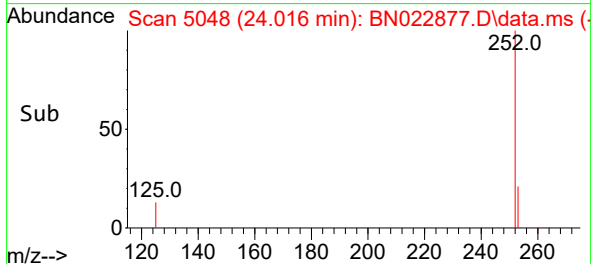
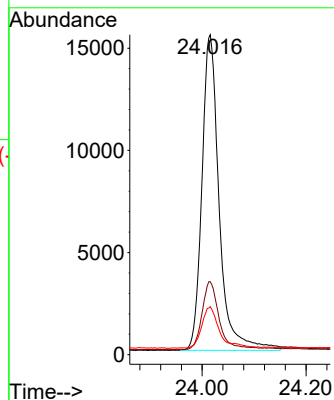
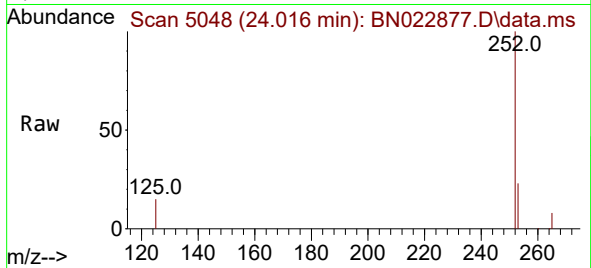




#26
Benzo(a)pyrene
Concen: 0.836 ng/ul
RT: 24.016 min Scan# 5048
Delta R.T. 0.003 min
Lab File: BN022877.D
Acq: 26 Nov 2022 11:46

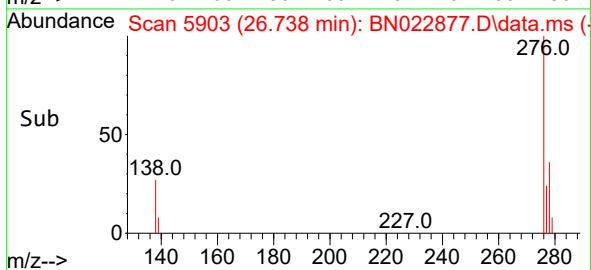
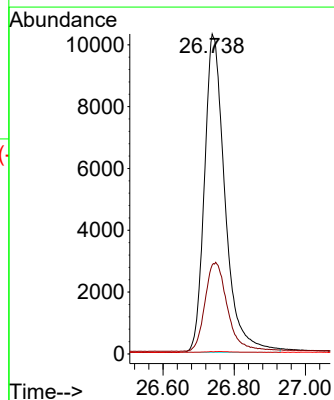
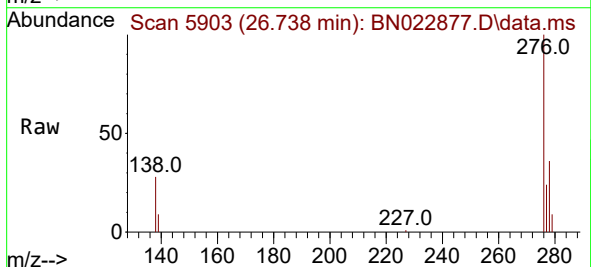
Instrument :
BNA_N
ClientSampleId :
SSTD0.8212

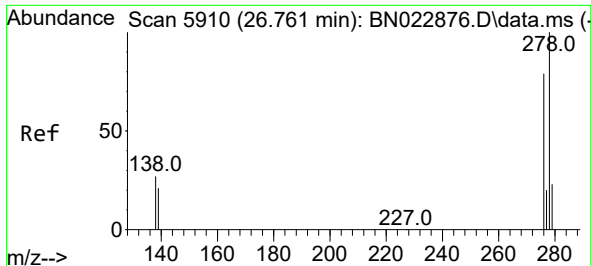
Tgt Ion:252 Resp: 35620
Ion Ratio Lower Upper
252 100
253 22.8 19.7 29.5
125 15.0 13.7 20.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.817 ng/ul
RT: 26.738 min Scan# 5903
Delta R.T. -0.003 min
Lab File: BN022877.D
Acq: 26 Nov 2022 11:46

Tgt Ion:276 Resp: 41363
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.1 0.0 0.0#

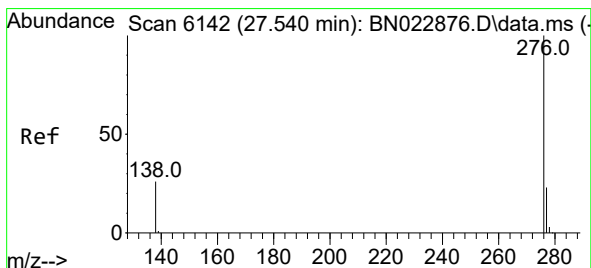
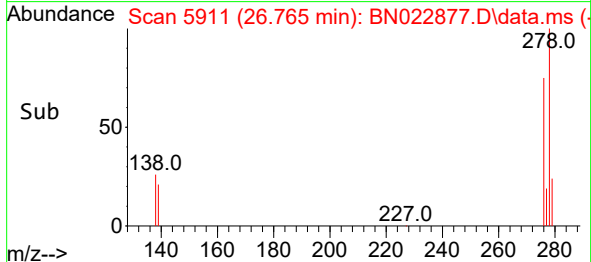
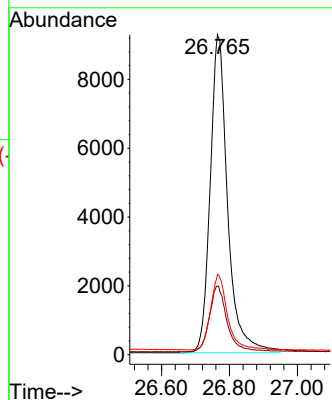
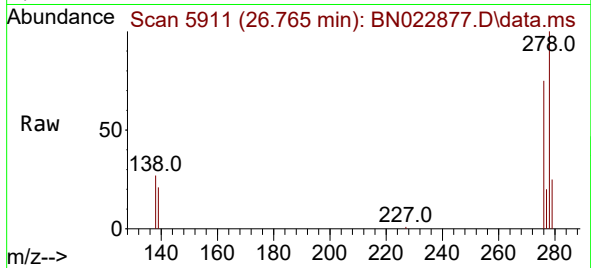




#28
 Dibenzo(a,h)anthracene
 Concen: 0.819 ng/ul
 RT: 26.765 min Scan# 5910
 Delta R.T. 0.003 min
 Lab File: BN022877.D
 Acq: 26 Nov 2022 11:46

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8212

Tgt Ion:278 Resp: 32946
 Ion Ratio Lower Upper
 278 100
 139 21.3 18.3 27.5
 279 25.1 20.4 30.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.786 ng/ul
 RT: 27.546 min Scan# 6144
 Delta R.T. 0.007 min
 Lab File: BN022877.D
 Acq: 26 Nov 2022 11:46

Tgt Ion:276 Resp: 34744
 Ion Ratio Lower Upper
 276 100
 138 26.3 22.1 33.1
 277 23.8 19.4 29.2

