

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110722\
 Data File : BN022537.D
 Acq On : 07 Nov 2022 21:37
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4336

Quant Time: Nov 07 23:35:24 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 23:30:37 2022
 Response via : Initial Calibration

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

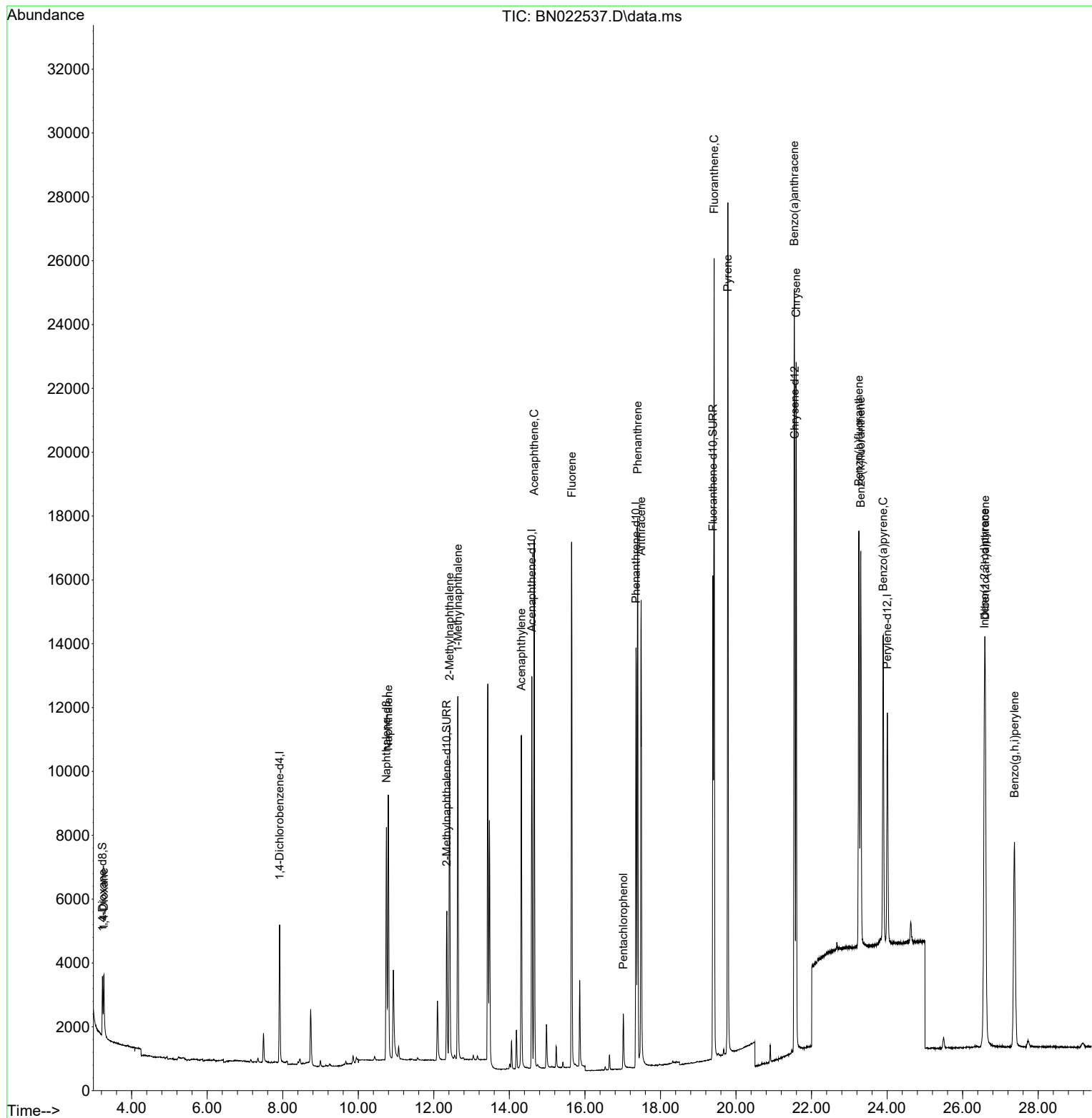
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	2335	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	10150	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.595	164	6760	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	14818	0.400	ng/ul	0.00
17) Chrysene-d12	21.556	240	12558	0.400	ng/ul	0.00
23) Perylene-d12	24.005	264	10309	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	1327	0.437	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	6445	0.420	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	16029	0.380	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.266	88	1360	0.436	ng/ul#	83
5) Naphthalene	10.794	128	11784	0.393	ng/ul	99
7) 2-Methylnaphthalene	12.417	142	7829	0.414	ng/ul	100
8) 1-Methylnaphthalene	12.637	142	8206	0.422	ng/ul	100
10) Acenaphthylene	14.318	152	12358	0.407	ng/ul	99
11) Acenaphthene	14.656	153	9600	0.375	ng/ul	98
12) Fluorene	15.650	166	10954	0.368	ng/ul	99
14) Pentachlorophenol	17.015	266	1338	0.380	ng/ul	99
15) Phenanthrene	17.395	178	18284	0.368	ng/ul	100
16) Anthracene	17.488	178	16763	0.400	ng/ul	100
19) Fluoranthene	19.421	202	20885	0.363	ng/ul	98
20) Pyrene	19.784	202	21826	0.378	ng/ul	99
21) Benzo(a)anthracene	21.541	228	18569	0.395	ng/ul	98
22) Chrysene	21.594	228	18197	0.365	ng/ul	98
24) Benzo(b)fluoranthene	23.254	252	16914	0.327	ng/ul	92
25) Benzo(k)fluoranthene	23.303	252	16874	0.335	ng/ul	93
26) Benzo(a)pyrene	23.897	252	14536	0.352	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.578	276	17426	0.340	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.598	278	13878	0.339	ng/ul	93
29) Benzo(g,h,i)perylene	27.373	276	14166	0.339	ng/ul	97

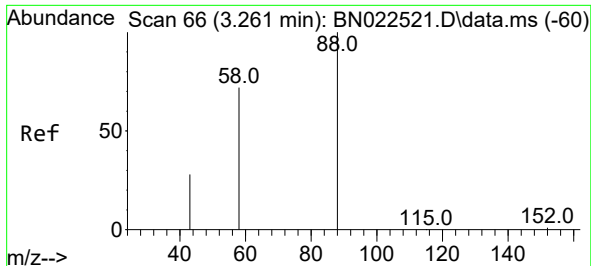
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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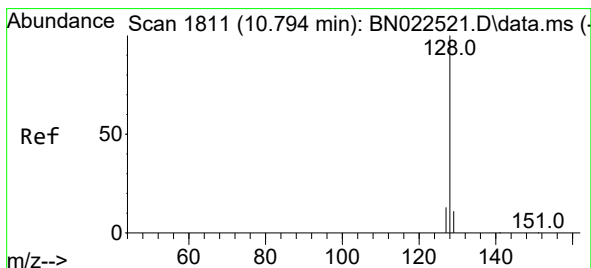
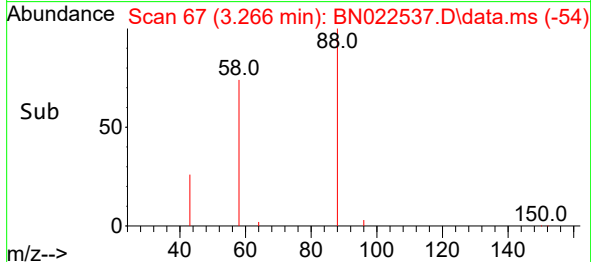
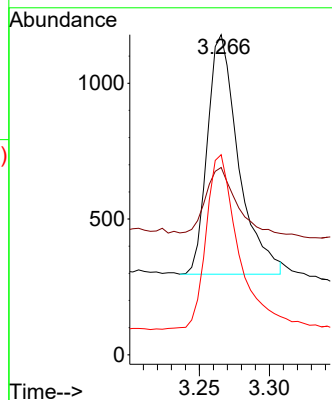
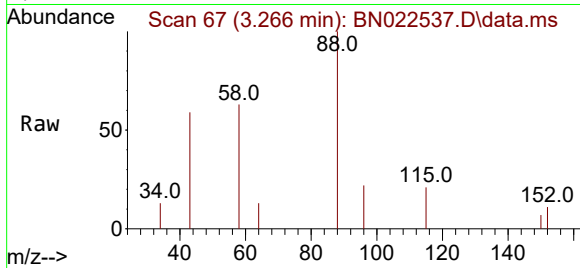




#2
1,4-Dioxane
Concen: 0.436 ng/ul
RT: 3.266 min Scan# 61
Delta R.T. 0.004 min
Lab File: BN022537.D
Acq: 07 Nov 2022 21:37

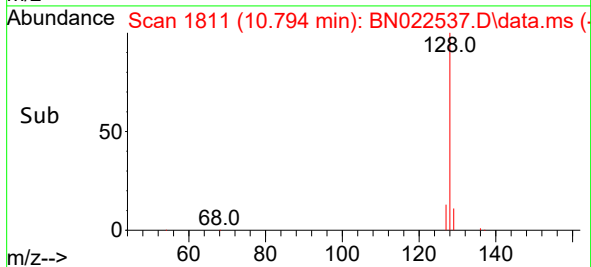
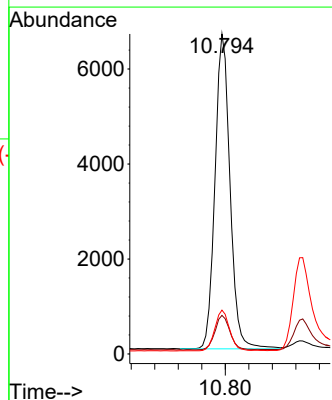
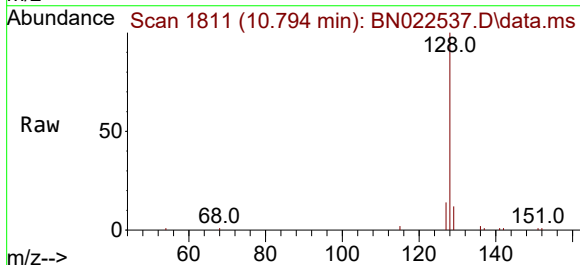
Instrument :
BNA_N
ClientSampleId :
SSTD0.4336

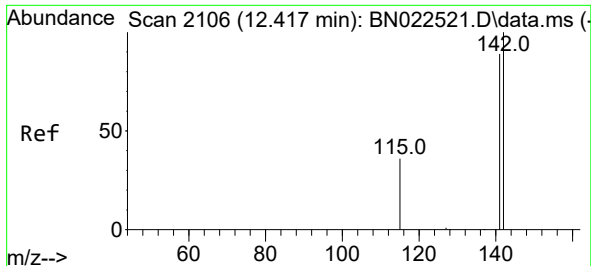
Tgt Ion: 88 Resp: 1360
Ion Ratio Lower Upper
88 100
43 58.5 27.4 41.2#
58 62.5 48.2 72.2



#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.794 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BN022537.D
Acq: 07 Nov 2022 21:37

Tgt Ion: 128 Resp: 11784
Ion Ratio Lower Upper
128 100
129 12.1 9.3 13.9
127 13.7 10.7 16.1

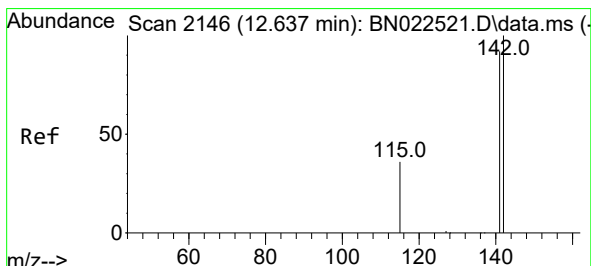
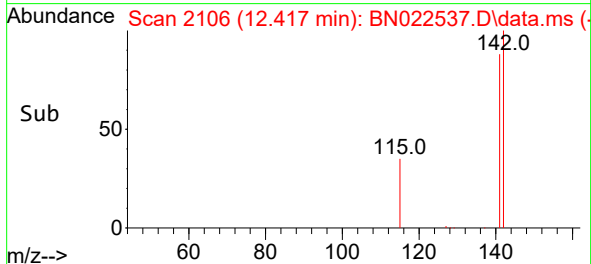
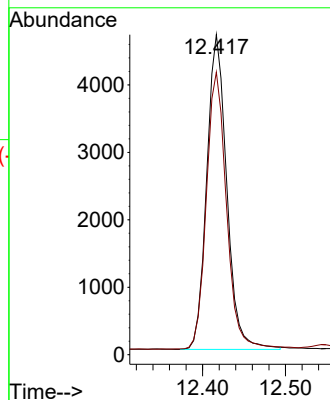
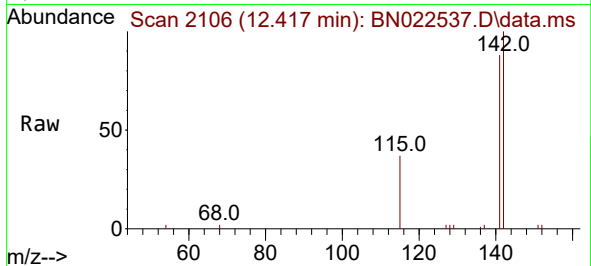




#7
2-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.417 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN022537.D
Acq: 07 Nov 2022 21:37

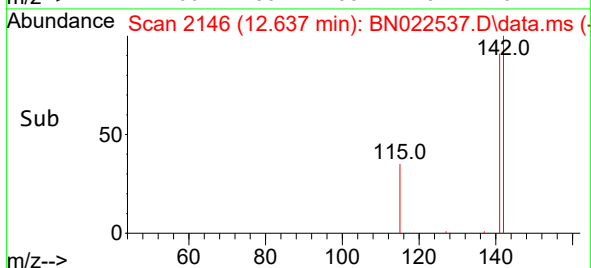
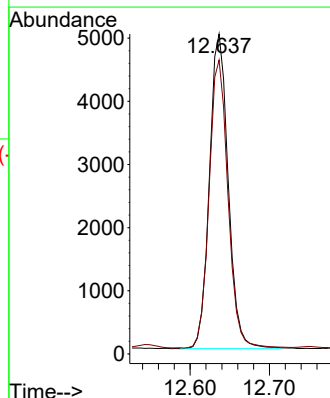
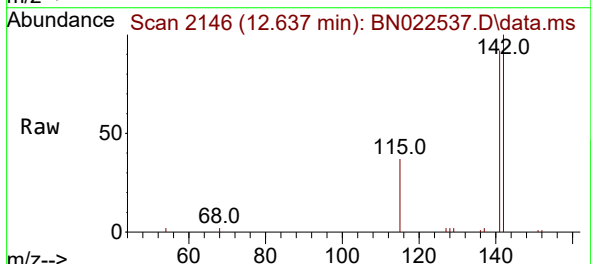
Instrument :
BNA_N
ClientSampleId :
SSTD0.4336

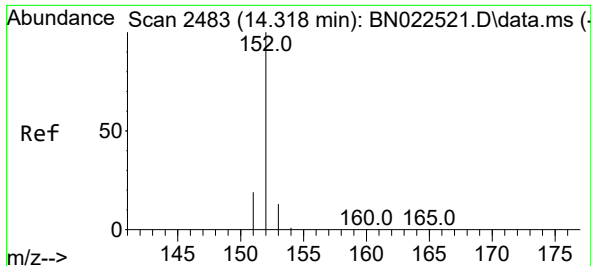
Tgt Ion:142 Resp: 7829
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.422 ng/ul
RT: 12.637 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BN022537.D
Acq: 07 Nov 2022 21:37

Tgt Ion:142 Resp: 8206
Ion Ratio Lower Upper
142 100
141 91.3 73.3 109.9

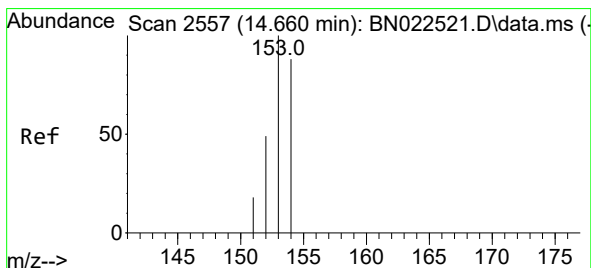
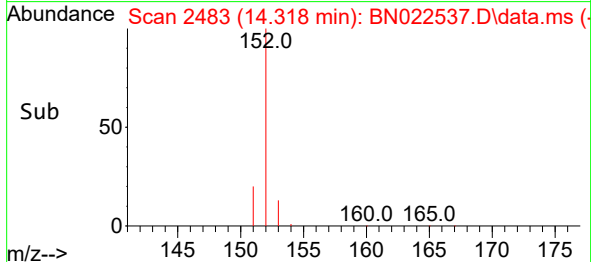
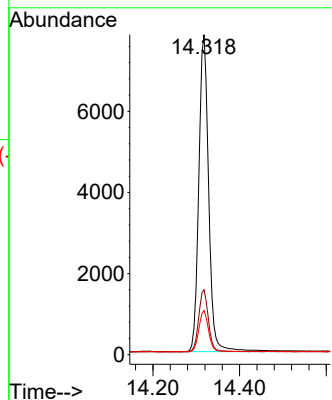
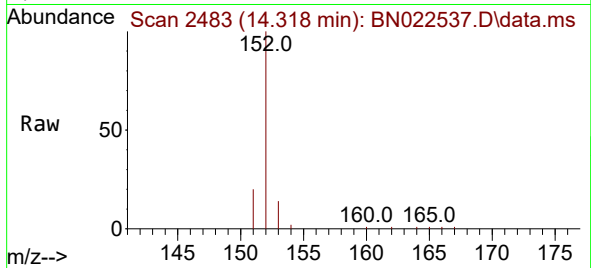




#10
Acenaphthylene
Concen: 0.407 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN022537.D
Acq: 07 Nov 2022 21:37

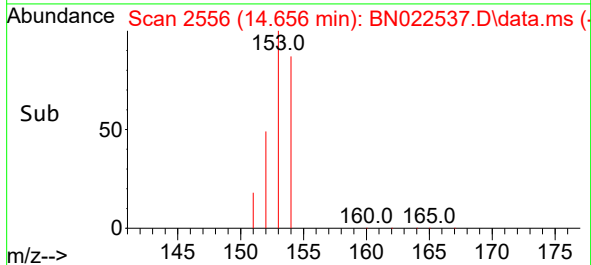
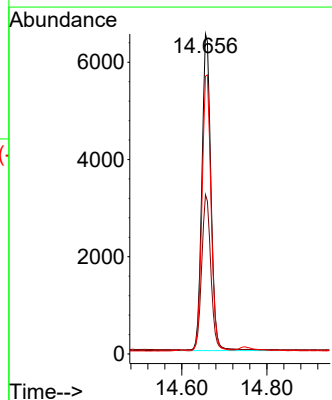
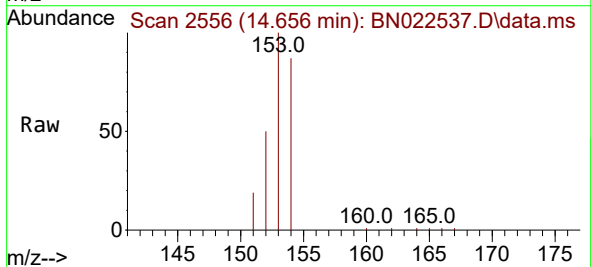
Instrument :
BNA_N
ClientSampleId :
SSTD0.4336

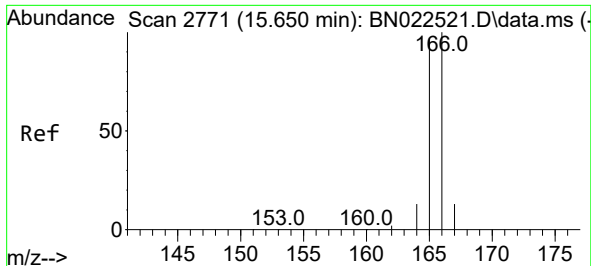
Tgt Ion:152 Resp: 12358
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.8 10.8 16.2



#11
Acenaphthene
Concen: 0.375 ng/ul
RT: 14.656 min Scan# 2556
Delta R.T. -0.005 min
Lab File: BN022537.D
Acq: 07 Nov 2022 21:37

Tgt Ion:153 Resp: 9600
Ion Ratio Lower Upper
153 100
152 49.8 40.6 61.0
154 86.8 70.6 106.0

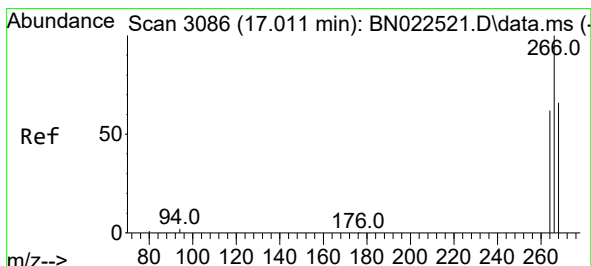
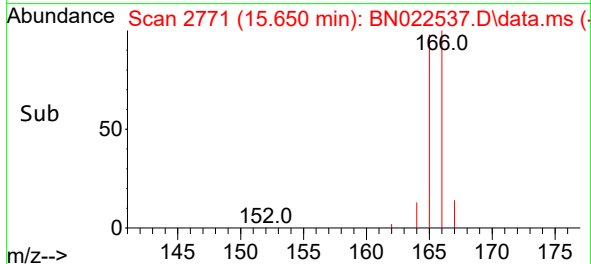
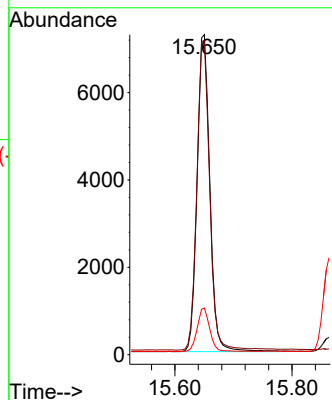
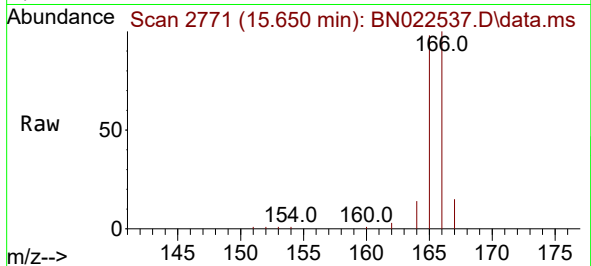




#12
Fluorene
Concen: 0.368 ng/ul
RT: 15.650 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN022537.D
Acq: 07 Nov 2022 21:37

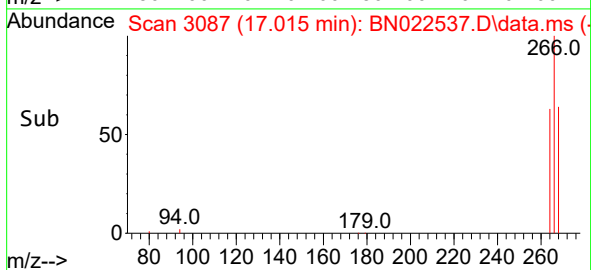
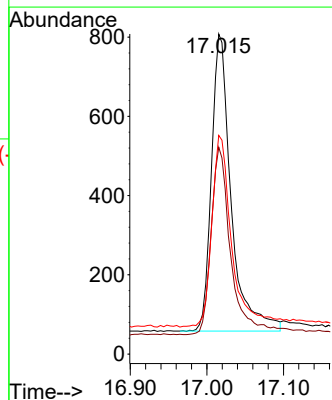
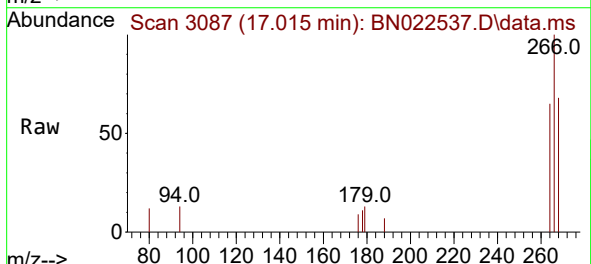
Instrument :
BNA_N
ClientSampleId :
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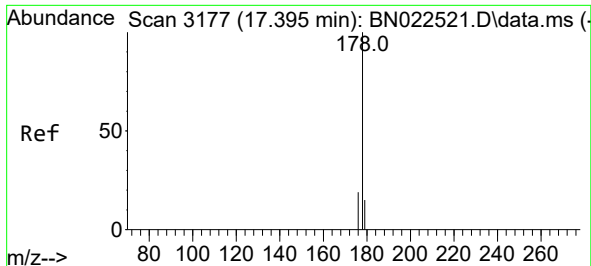
Tgt Ion:166 Resp: 10954
Ion Ratio Lower Upper
166 100
165 98.1 78.2 117.2
167 14.5 11.0 16.4



#14
Pentachlorophenol
Concen: 0.380 ng/ul
RT: 17.015 min Scan# 3087
Delta R.T. 0.004 min
Lab File: BN022537.D
Acq: 07 Nov 2022 21:37

Tgt Ion:266 Resp: 1338
Ion Ratio Lower Upper
266 100
264 62.7 49.8 74.6
268 65.6 51.4 77.2

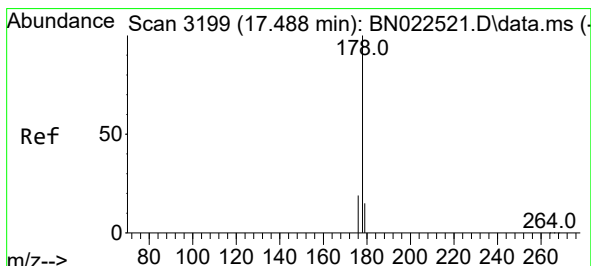
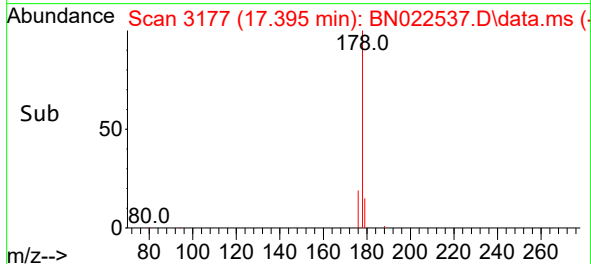
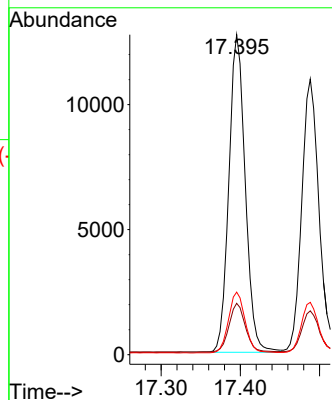
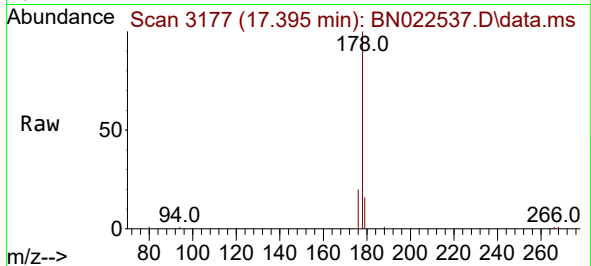




#15
Phenanthrene
Concen: 0.368 ng/ul
RT: 17.395 min Scan# 3177
Delta R.T. -0.000 min
Lab File: BN022537.D
Acq: 07 Nov 2022 21:37

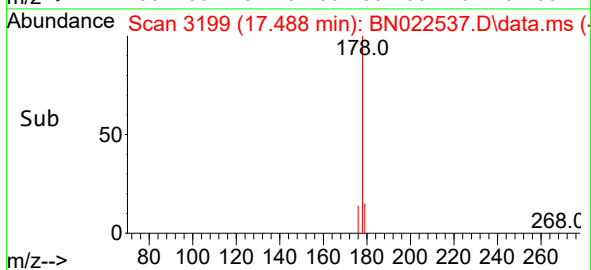
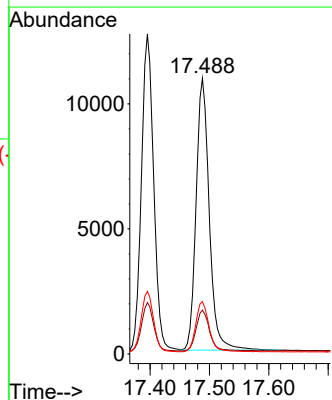
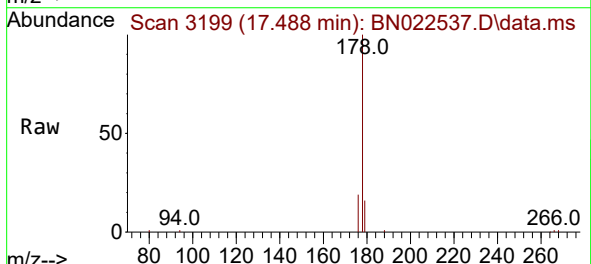
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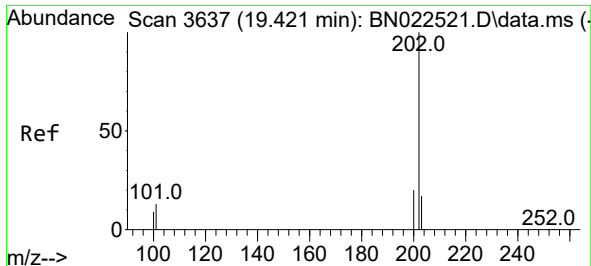
Tgt Ion:178 Resp: 18284
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 19.6 15.4 23.2



#16
Anthracene
Concen: 0.400 ng/ul
RT: 17.488 min Scan# 3199
Delta R.T. -0.000 min
Lab File: BN022537.D
Acq: 07 Nov 2022 21:37

Tgt Ion:178 Resp: 16763
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.0 15.0 22.6

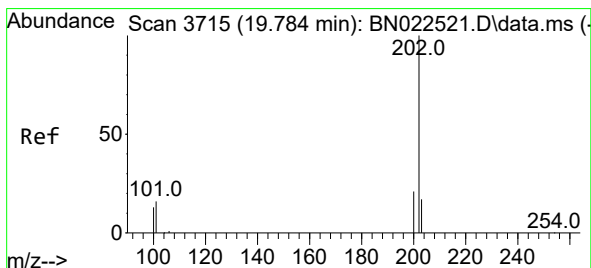
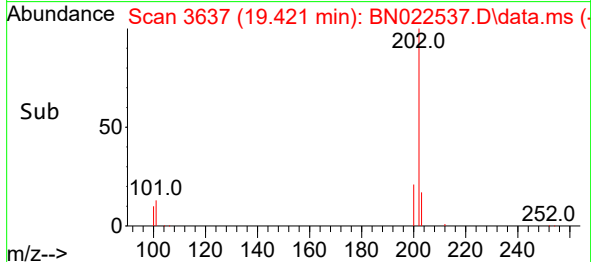
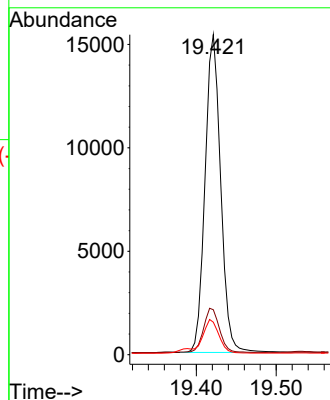
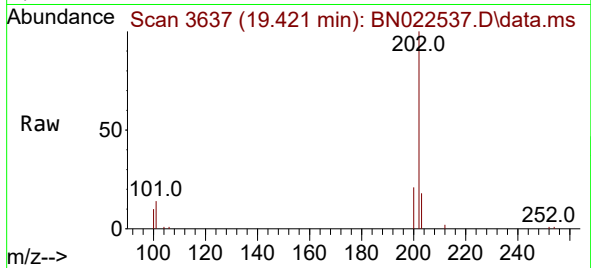




#19
Fluoranthene
Concen: 0.363 ng/u1
RT: 19.421 min Scan# 3637
Delta R.T. -0.000 min
Lab File: BN022537.D
Acq: 07 Nov 2022 21:37

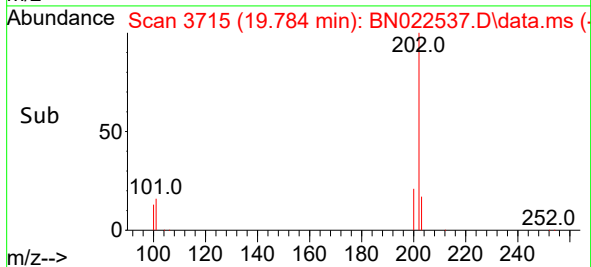
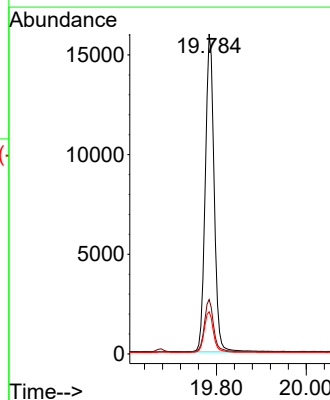
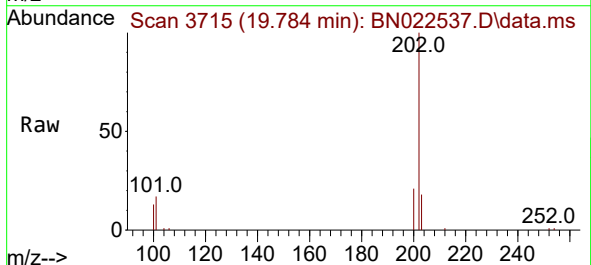
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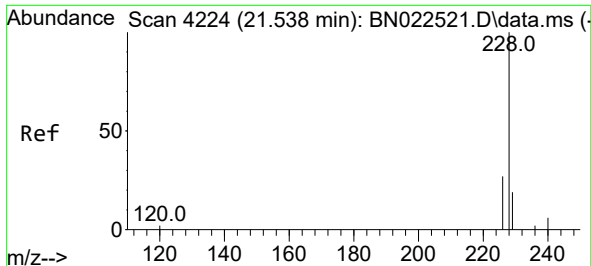
Tgt Ion:202 Resp: 20885
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.6
100 10.2 8.7 13.1



#20
Pyrene
Concen: 0.378 ng/u1
RT: 19.784 min Scan# 3715
Delta R.T. -0.000 min
Lab File: BN022537.D
Acq: 07 Nov 2022 21:37

Tgt Ion:202 Resp: 21826
Ion Ratio Lower Upper
202 100
101 17.0 13.1 19.7
100 13.2 10.6 16.0

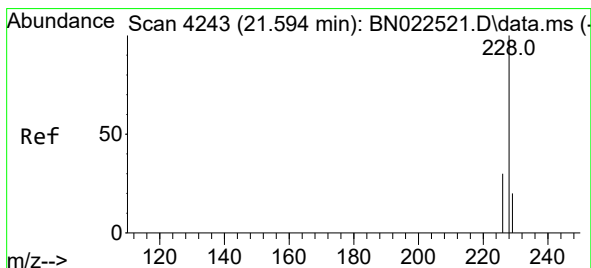
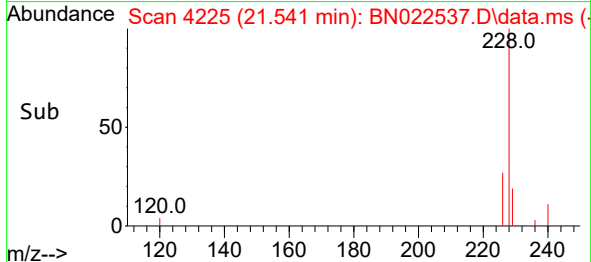
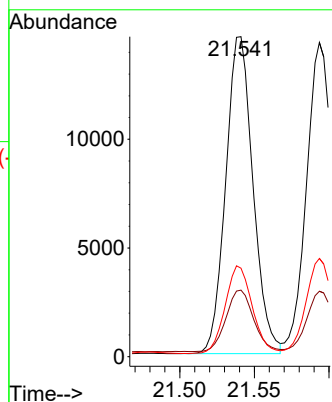
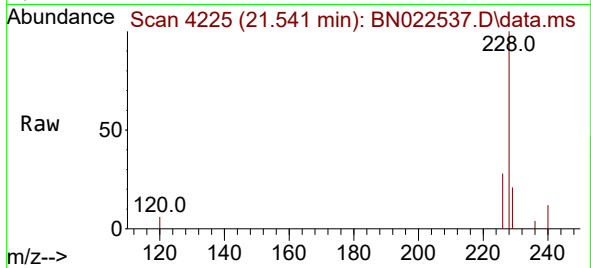




#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.541 min Scan# 4225
Delta R.T. 0.003 min
Lab File: BN022537.D
Acq: 07 Nov 2022 21:37

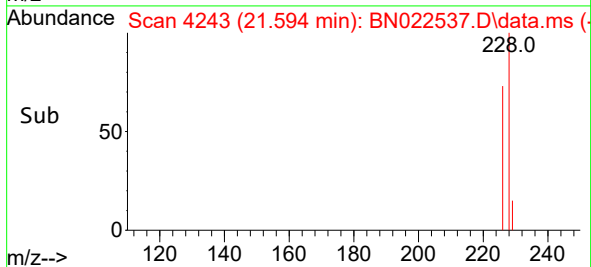
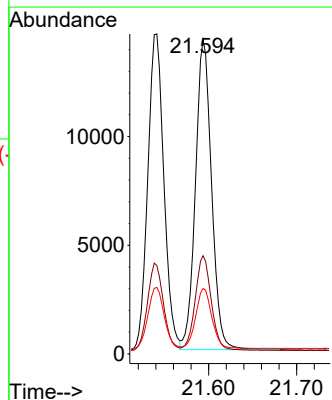
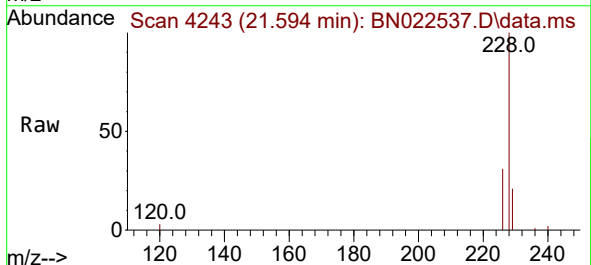
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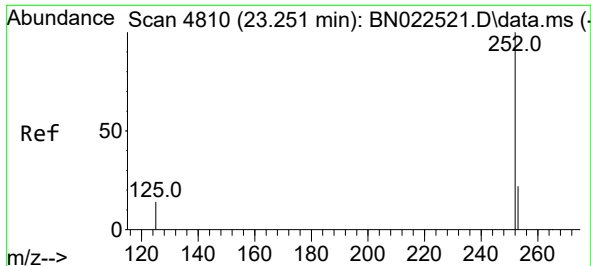
Tgt Ion:228 Resp: 18569
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 27.6 21.5 32.3



#22
Chrysene
Concen: 0.365 ng/ul
RT: 21.594 min Scan# 4243
Delta R.T. -0.000 min
Lab File: BN022537.D
Acq: 07 Nov 2022 21:37

Tgt Ion:228 Resp: 18197
Ion Ratio Lower Upper
228 100
226 31.3 23.9 35.9
229 20.8 15.9 23.9

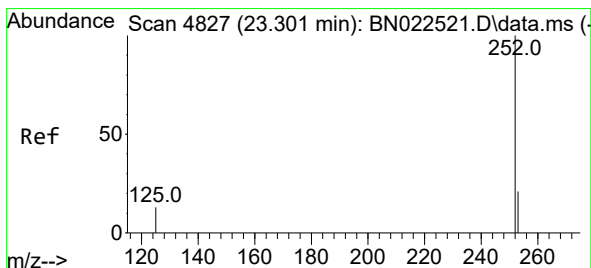
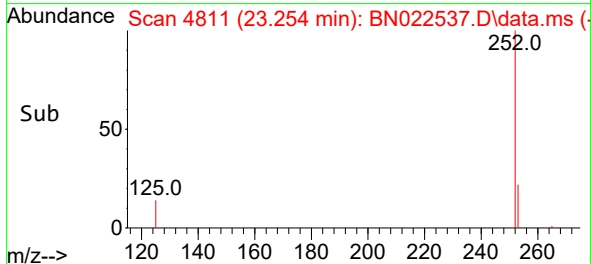
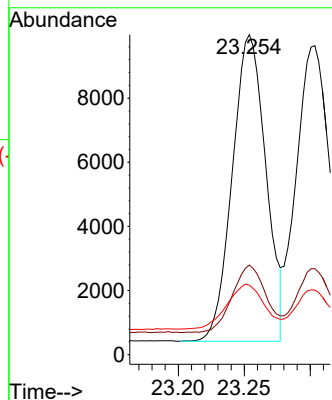
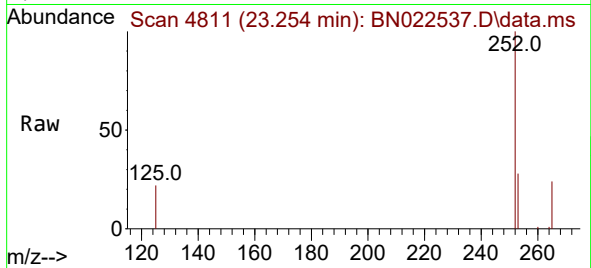




#24
Benzo(b)fluoranthene
Concen: 0.327 ng/ul
RT: 23.254 min Scan# 4811
Delta R.T. 0.003 min
Lab File: BN022537.D
Acq: 07 Nov 2022 21:37

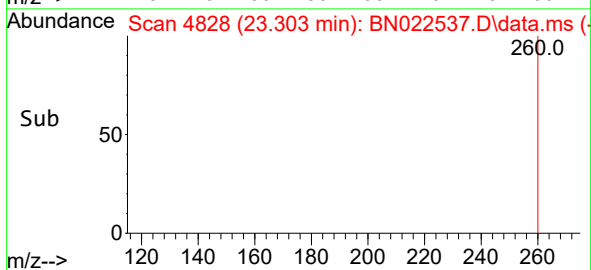
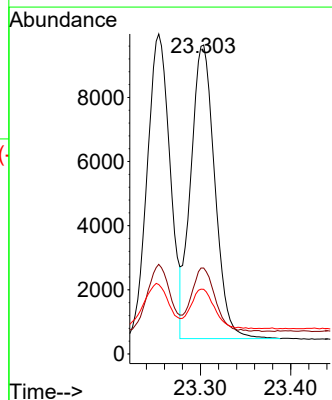
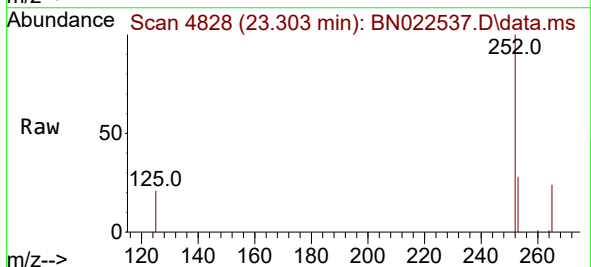
Instrument :
BNA_N
ClientSampleId :
SSTD0.4336

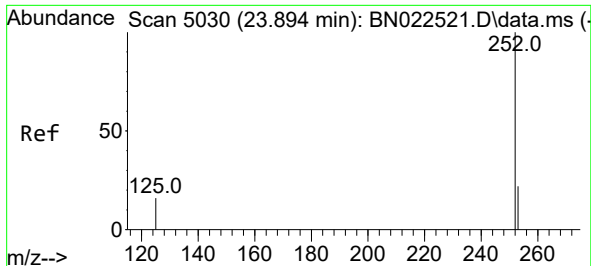
Tgt Ion:252 Resp: 16914
Ion Ratio Lower Upper
252 100
253 28.0 0.0 49.0
125 21.7 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.335 ng/ul
RT: 23.303 min Scan# 4828
Delta R.T. 0.003 min
Lab File: BN022537.D
Acq: 07 Nov 2022 21:37

Tgt Ion:252 Resp: 16874
Ion Ratio Lower Upper
252 100
253 27.8 19.7 29.5
125 20.9 14.0 21.0

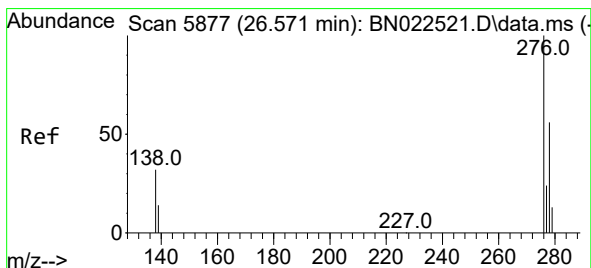
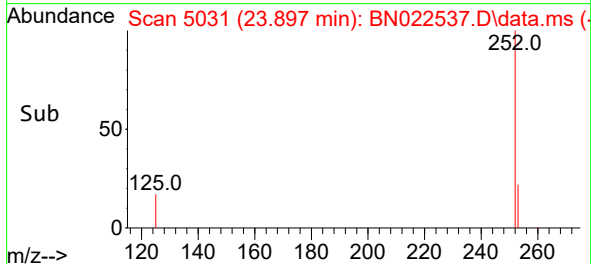
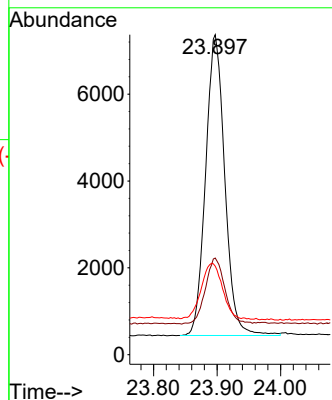
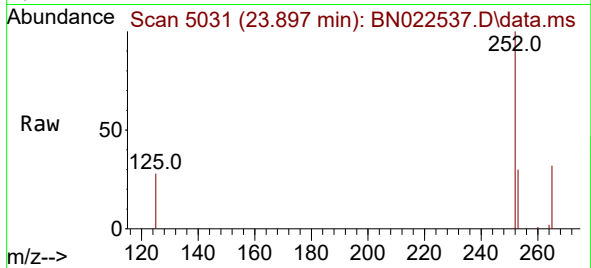




#26
Benzo(a)pyrene
Concen: 0.352 ng/ul
RT: 23.897 min Scan# 5030
Delta R.T. 0.003 min
Lab File: BN022537.D
Acq: 07 Nov 2022 21:37

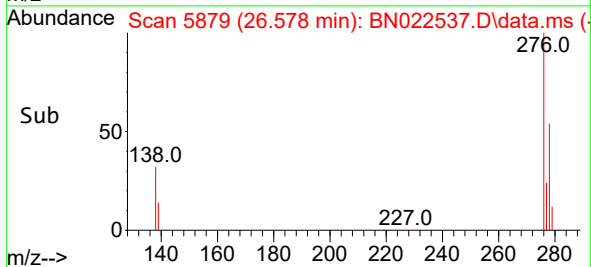
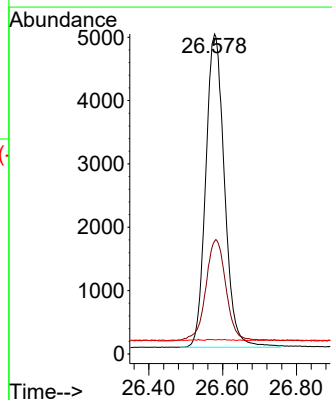
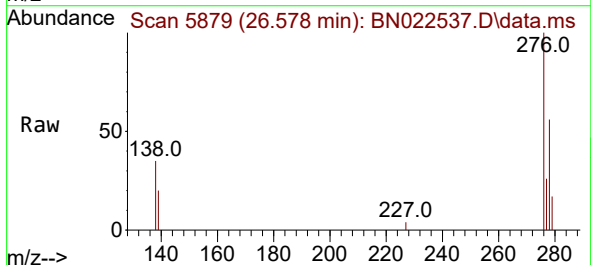
Instrument :
BNA_N
ClientSampleId :
SSTD0.4336

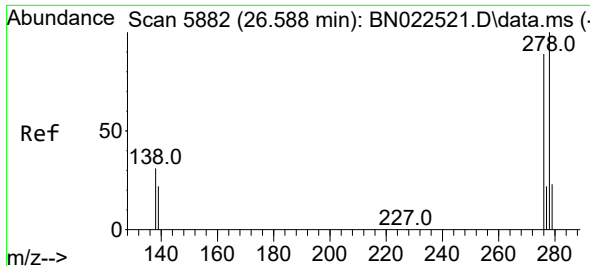
Tgt Ion:252 Resp: 14536
Ion Ratio Lower Upper
252 100
253 30.2 21.0 31.6
125 27.7 17.9 26.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.340 ng/ul
RT: 26.578 min Scan# 5879
Delta R.T. 0.007 min
Lab File: BN022537.D
Acq: 07 Nov 2022 21:37

Tgt Ion:276 Resp: 17426
Ion Ratio Lower Upper
276 100
138 34.9 27.7 41.5
227 0.1 0.2 0.2#

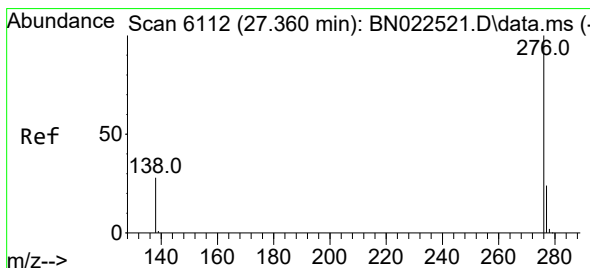
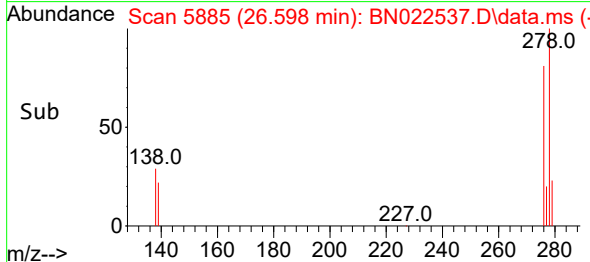
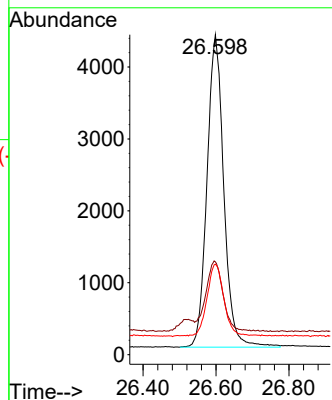
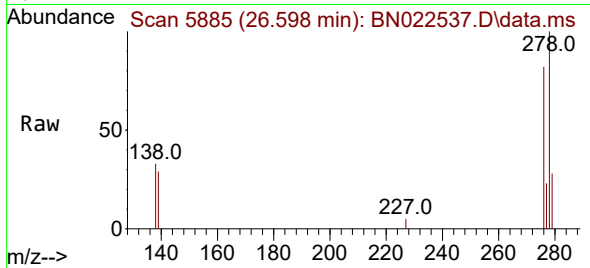




#28
Dibenzo(a,h)anthracene
Concen: 0.339 ng/ul
RT: 26.598 min Scan# 5885
Delta R.T. 0.010 min
Lab File: BN022537.D
Acq: 07 Nov 2022 21:37

Instrument :
BNA_N
ClientSampleId :
SSTD0.4336

Tgt Ion:278 Resp: 13878
Ion Ratio Lower Upper
278 100
139 29.0 19.6 29.4
279 28.3 20.6 30.8



#29
Benzo(g,h,i)perylene
Concen: 0.339 ng/ul
RT: 27.373 min Scan# 6116
Delta R.T. 0.013 min
Lab File: BN022537.D
Acq: 07 Nov 2022 21:37

Tgt Ion:276 Resp: 14166
Ion Ratio Lower Upper
276 100
138 33.1 25.2 37.8
277 26.4 19.9 29.9

