

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090822\
 Data File : BN021637.D
 Acq On : 08 Sep 2022 09:08
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4299

Quant Time: Sep 08 13:40:13 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 13:38:06 2022
 Response via : Initial Calibration

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

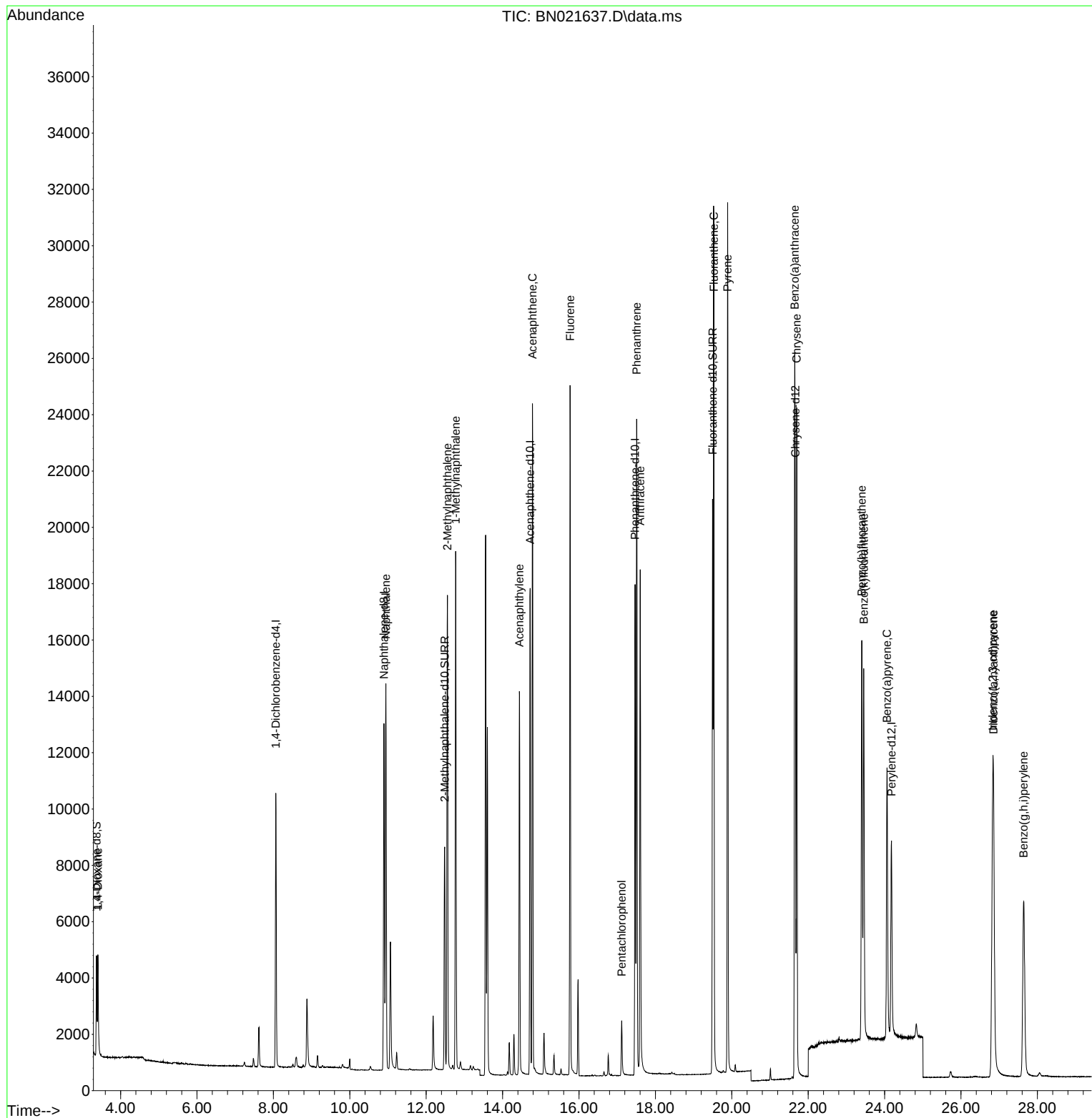
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	5121	0.400	ng/ul	0.00
4) Naphthalene-d8	10.894	136	16474	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.721	164	9703	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.468	188	20331	0.400	ng/ul	0.00
17) Chrysene-d12	21.661	240	14961	0.400	ng/ul	0.00
23) Perylene-d12	24.178	264	10652	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	2599	0.393	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.484	152	10780	0.433	ng/ul	0.00
18) Fluoranthene-d10	19.496	212	21218	0.460	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	2563	0.370	ng/ul	94
5) Naphthalene	10.944	128	18828	0.361	ng/ul	97
7) 2-Methylnaphthalene	12.555	142	12386	0.379	ng/ul	98
8) 1-Methylnaphthalene	12.775	142	12753	0.417	ng/ul	99
10) Acenaphthylene	14.439	152	16311	0.326	ng/ul	98
11) Acenaphthene	14.782	153	13891	0.362	ng/ul	100
12) Fluorene	15.767	166	15572	0.363	ng/ul	99
14) Pentachlorophenol	17.117	266	1488	0.663	ng/ul	98
15) Phenanthrene	17.510	178	25621	0.340	ng/ul	98
16) Anthracene	17.603	178	21242	0.352	ng/ul	98
19) Fluoranthene	19.529	202	26620	0.375	ng/ul	99
20) Pyrene	19.891	202	26341	0.371	ng/ul	97
21) Benzo(a)anthracene	21.647	228	19708	0.380	ng/ul	100
22) Chrysene	21.699	228	21425	0.321	ng/ul	99
24) Benzo(b)fluoranthene	23.404	252	20045	0.438	ng/ul	98
25) Benzo(k)fluoranthene	23.453	252	18675	0.379	ng/ul	98
26) Benzo(a)pyrene	24.064	252	15490	0.359	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.830	276	17234	0.341	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.850	278	14467	0.348	ng/ul	95
29) Benzo(g,h,i)perylene	27.639	276	15107	0.300	ng/ul	97

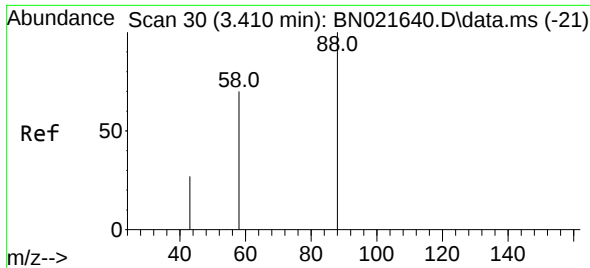
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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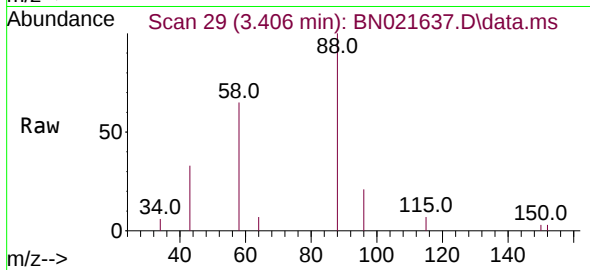
Quant Time: Sep 08 13:40:13 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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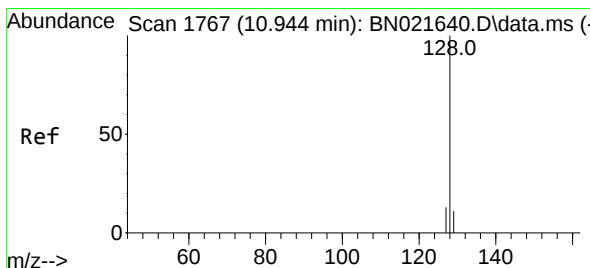
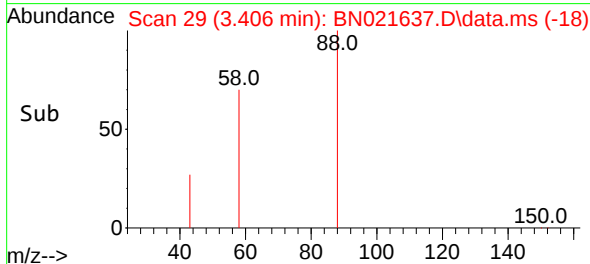
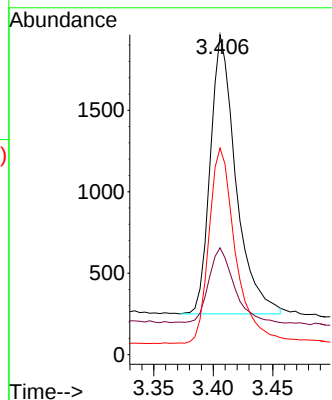
#2
 1,4-Dioxane
 Concen: 0.370 ng/ul
 RT: 3.406 min Scan# 29
 Delta R.T. -0.004 min
 Lab File: BN021637.D
 Acq: 08 Sep 2022 09:08

Instrument :
 BNA_N
 ClientSampleId :
 SST00.4299



Tgt Ion: 88 Resp: 2563

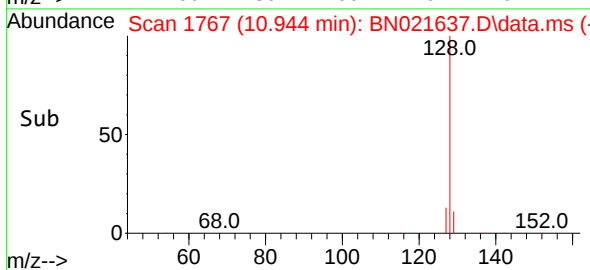
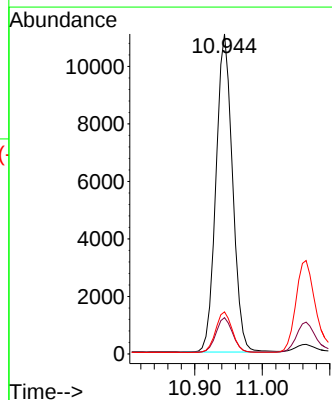
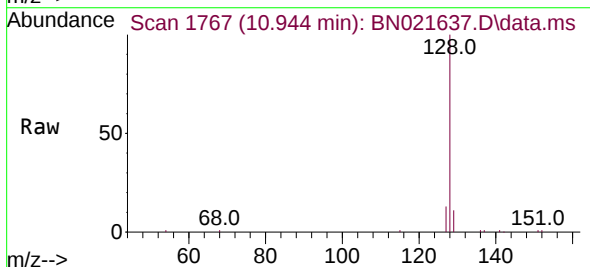
Ion	Ratio	Lower	Upper
88	100		
43	33.4	31.4	47.0
58	64.6	49.0	73.6

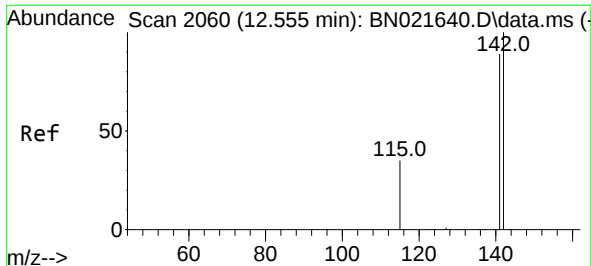


#5
 Naphthalene
 Concen: 0.361 ng/ul
 RT: 10.944 min Scan# 1767
 Delta R.T. 0.000 min
 Lab File: BN021637.D
 Acq: 08 Sep 2022 09:08

Tgt Ion: 128 Resp: 18828

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.6
127	13.2	11.6	17.4

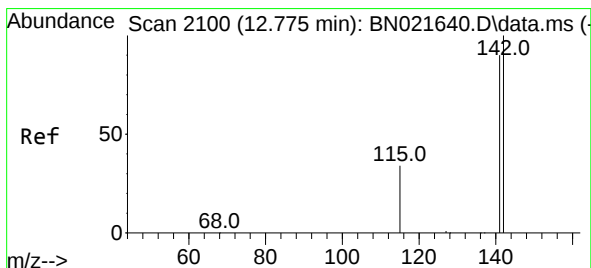
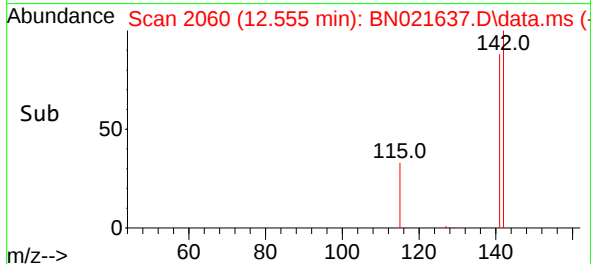
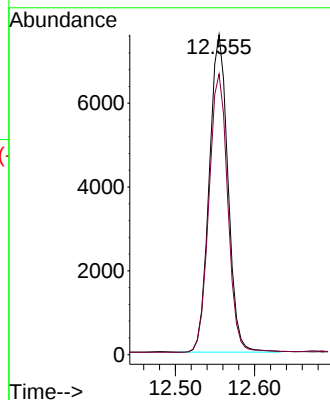
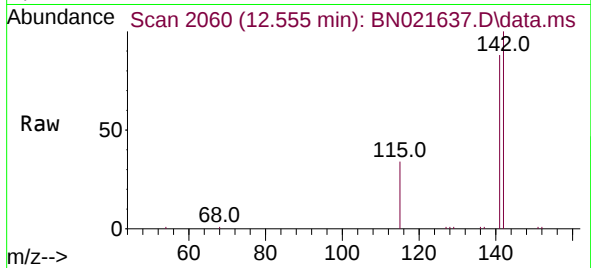




#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.555 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN021637.D
Acq: 08 Sep 2022 09:08

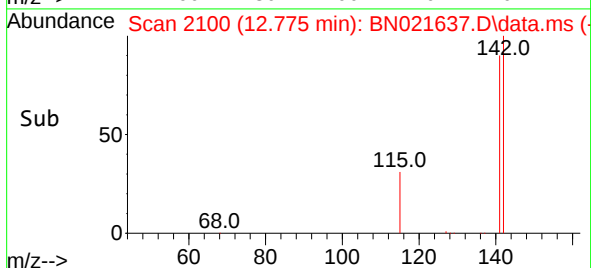
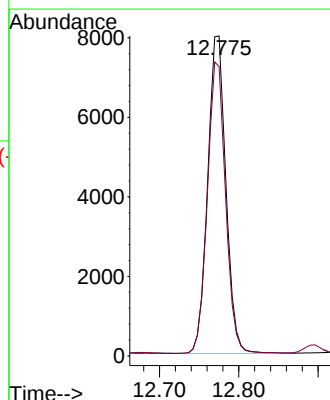
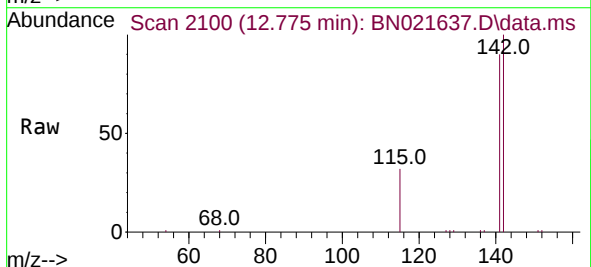
Instrument :
BNA_N
ClientSampleId :
SSTD0.4299

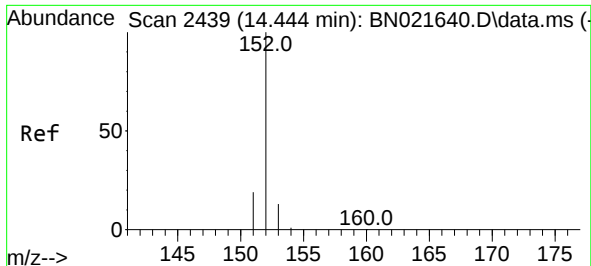
Tgt Ion:142 Resp: 12386
Ion Ratio Lower Upper
142 100
141 88.2 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.775 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN021637.D
Acq: 08 Sep 2022 09:08

Tgt Ion:142 Resp: 12753
Ion Ratio Lower Upper
142 100
141 91.7 73.9 110.9

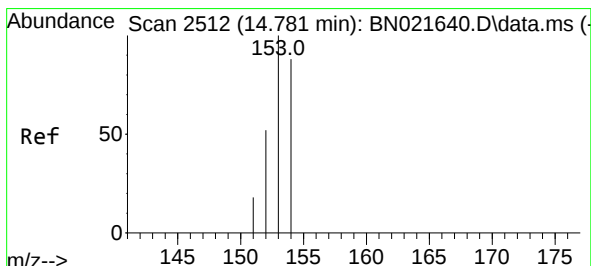
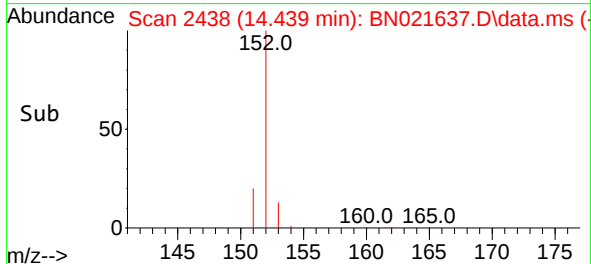
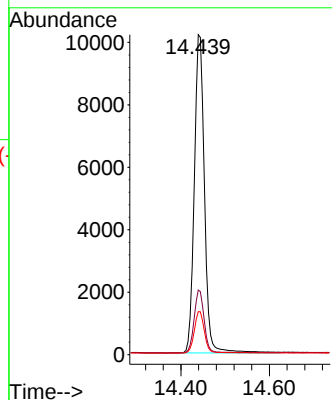
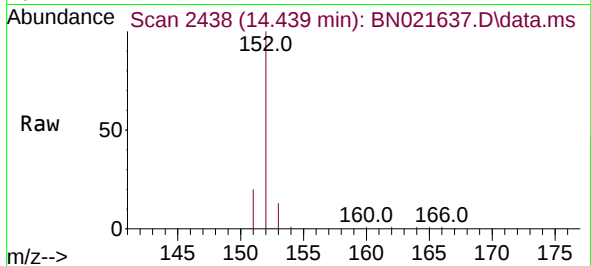




#10
Acenaphthylene
Concen: 0.326 ng/ul
RT: 14.439 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BN021637.D
Acq: 08 Sep 2022 09:08

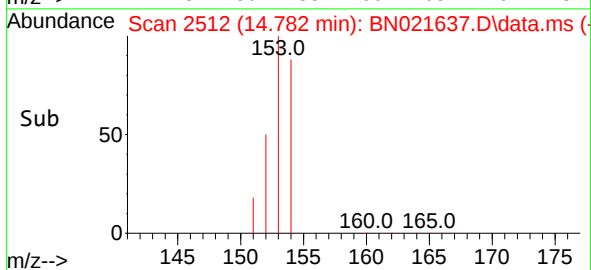
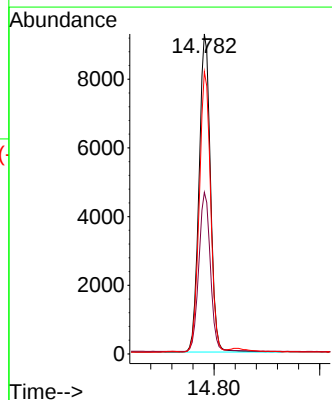
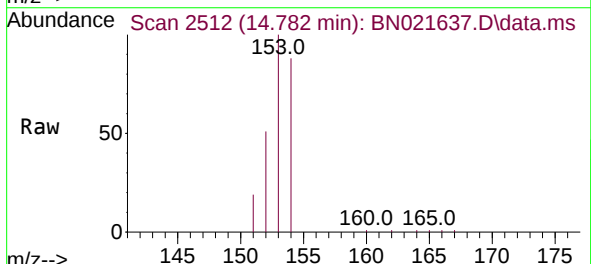
Instrument :
BNA_N
ClientSampleId :
SSTD0.4299

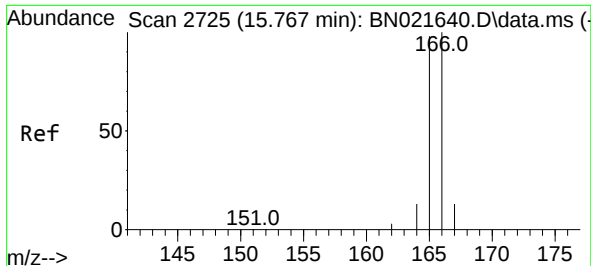
Tgt Ion:152 Resp: 16311
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 13.4 11.2 16.8



#11
Acenaphthene
Concen: 0.362 ng/ul
RT: 14.782 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN021637.D
Acq: 08 Sep 2022 09:08

Tgt Ion:153 Resp: 13891
Ion Ratio Lower Upper
153 100
152 50.5 40.2 60.4
154 88.2 70.7 106.1

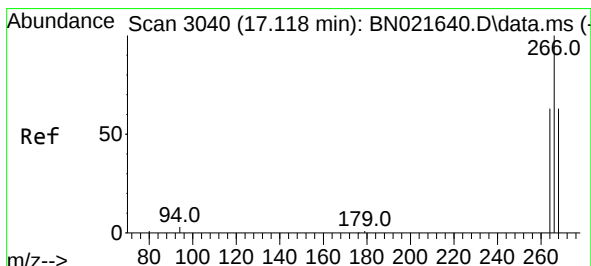
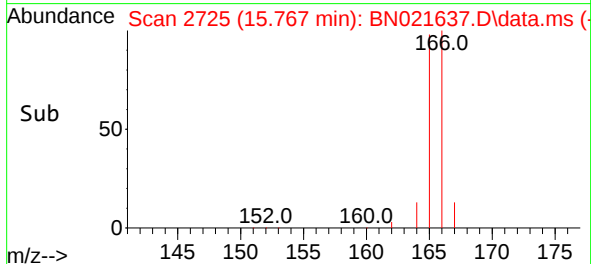
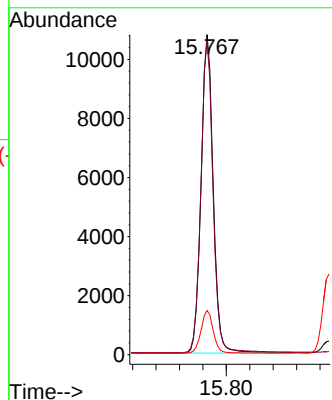
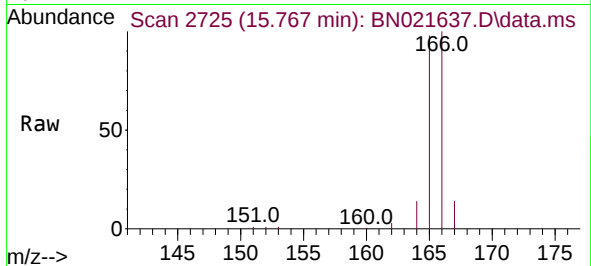




#12
Fluorene
Concen: 0.363 ng/ul
RT: 15.767 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021637.D
Acq: 08 Sep 2022 09:08

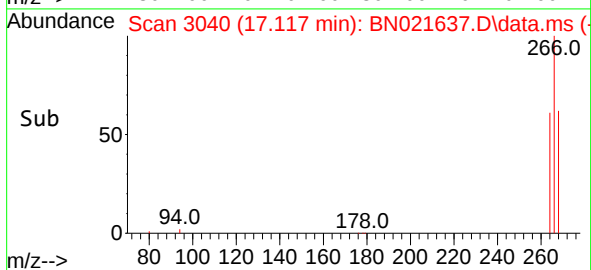
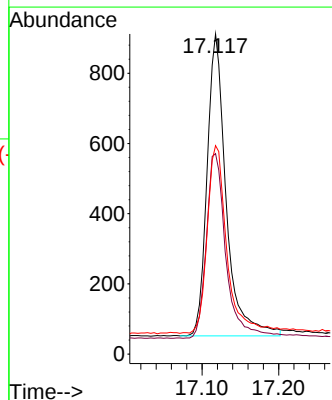
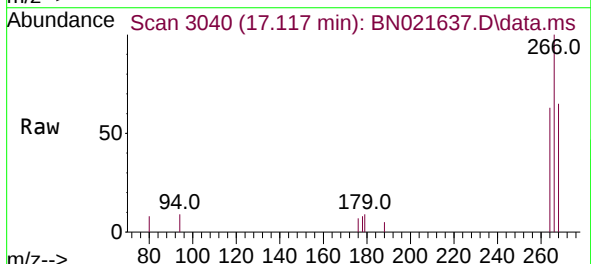
Instrument :
BNA_N
ClientSampleId :
SSTD0.4299

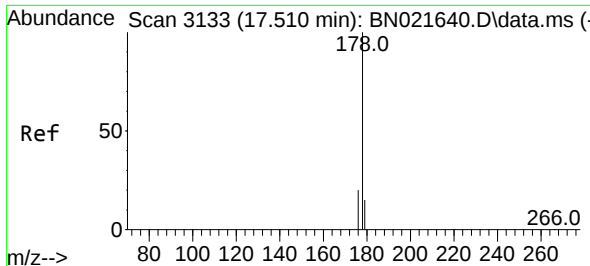
Tgt Ion:166 Resp: 15572
Ion Ratio Lower Upper
166 100
165 97.9 78.6 117.8
167 13.8 11.8 17.6



#14
Pentachlorophenol
Concen: 0.663 ng/ul
RT: 17.117 min Scan# 3040
Delta R.T. -0.000 min
Lab File: BN021637.D
Acq: 08 Sep 2022 09:08

Tgt Ion:266 Resp: 1488
Ion Ratio Lower Upper
266 100
264 63.4 49.8 74.8
268 64.6 50.6 75.8

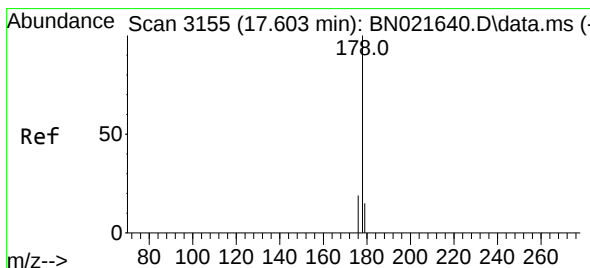
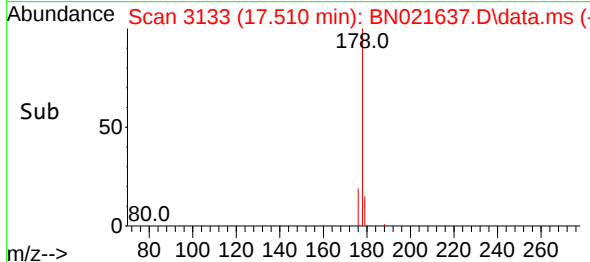
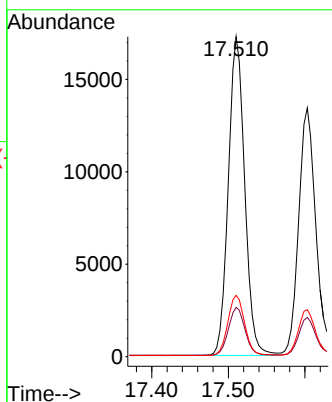
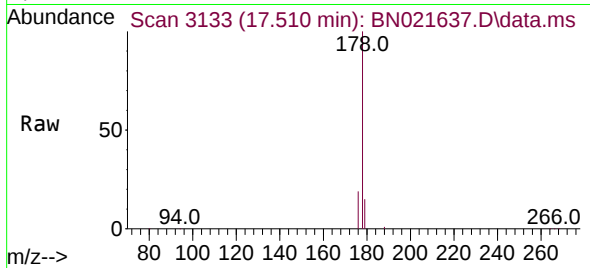




#15
Phenanthrene
Concen: 0.340 ng/u1
RT: 17.510 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BN021637.D
Acq: 08 Sep 2022 09:08

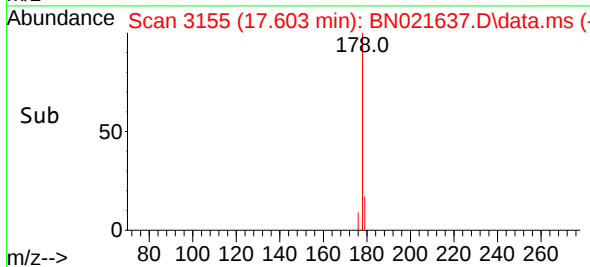
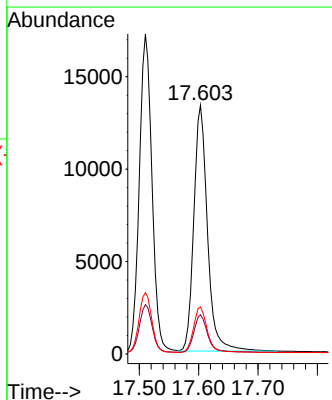
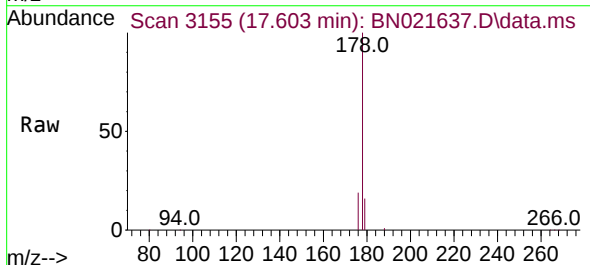
Instrument :
BNA_N
ClientSampleId :
SSTD0.4299

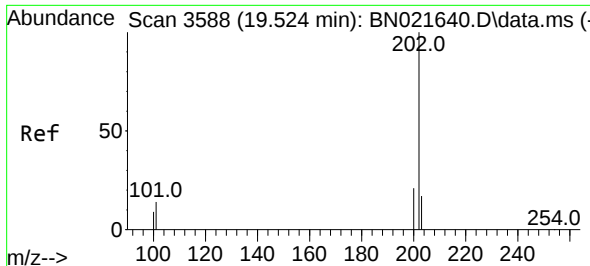
Tgt Ion:	178	Resp:	25621
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.8	19.2
176	19.1	15.9	23.9



#16
Anthracene
Concen: 0.352 ng/u1
RT: 17.603 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BN021637.D
Acq: 08 Sep 2022 09:08

Tgt Ion:	178	Resp:	21242
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.9	19.3
176	18.9	15.9	23.9

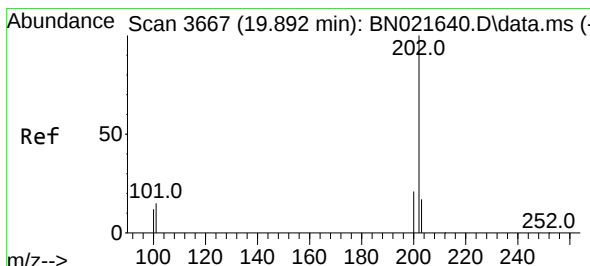
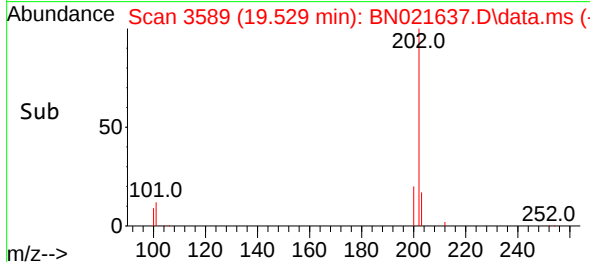
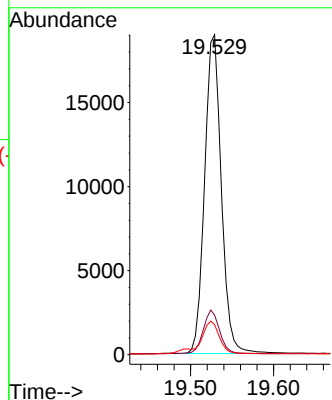
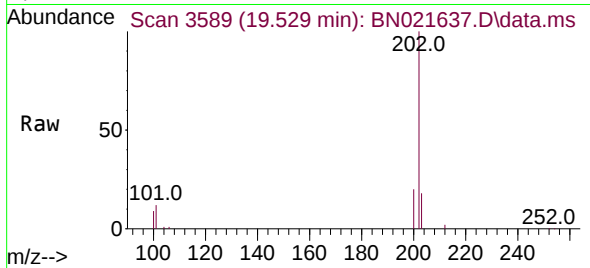




#19
Fluoranthene
Concen: 0.375 ng/ul
RT: 19.529 min Scan# 3589
Delta R.T. 0.004 min
Lab File: BN021637.D
Acq: 08 Sep 2022 09:08

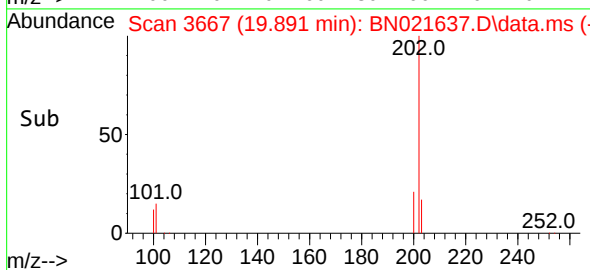
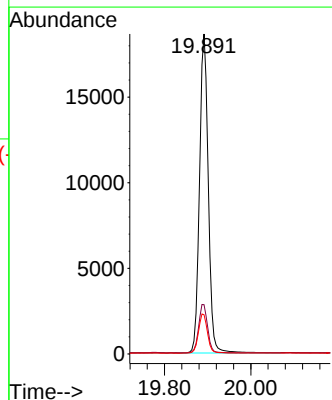
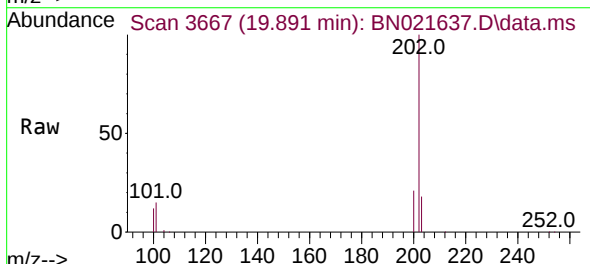
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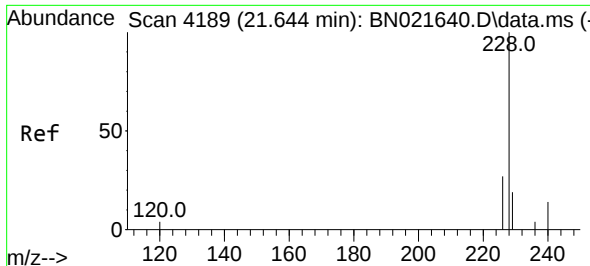
Tgt Ion:202 Resp: 26620
Ion Ratio Lower Upper
202 100
101 12.4 10.0 15.0
100 9.4 8.0 12.0



#20
Pyrene
Concen: 0.371 ng/ul
RT: 19.891 min Scan# 3667
Delta R.T. -0.000 min
Lab File: BN021637.D
Acq: 08 Sep 2022 09:08

Tgt Ion:202 Resp: 26341
Ion Ratio Lower Upper
202 100
101 15.4 11.3 16.9
100 12.3 9.0 13.4

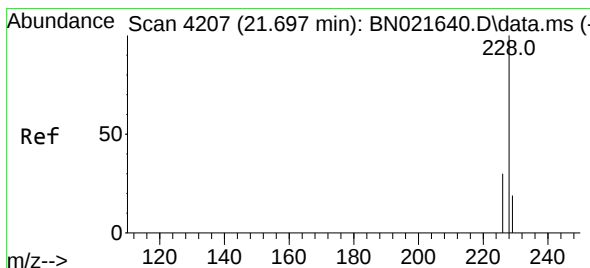
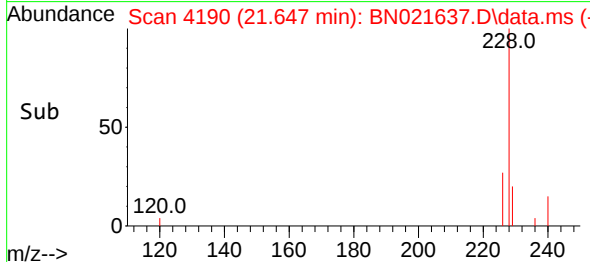
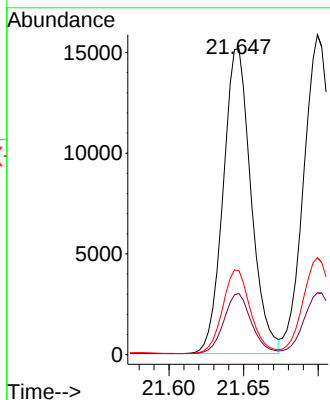
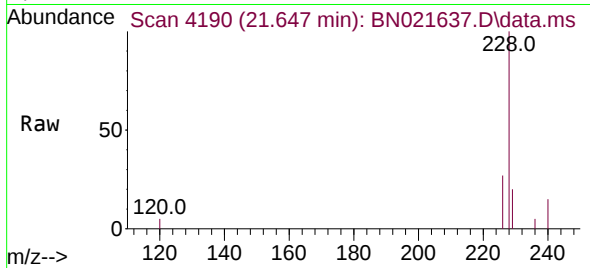




#21
Benzo(a)anthracene
Concen: 0.380 ng/ul
RT: 21.647 min Scan# 4189
Delta R.T. 0.003 min
Lab File: BN021637.D
Acq: 08 Sep 2022 09:08

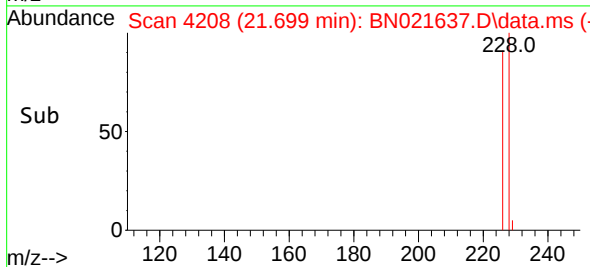
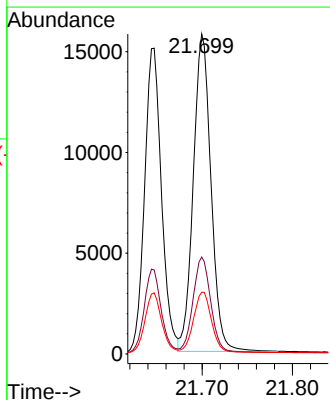
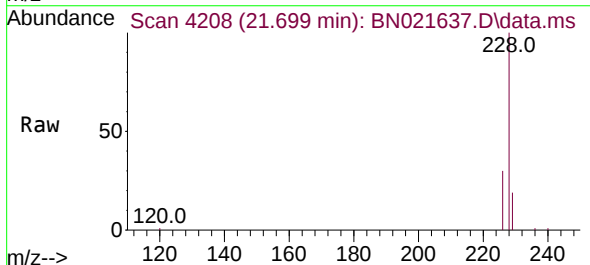
Instrument :
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ClientSampleId :
SSTD0.4299

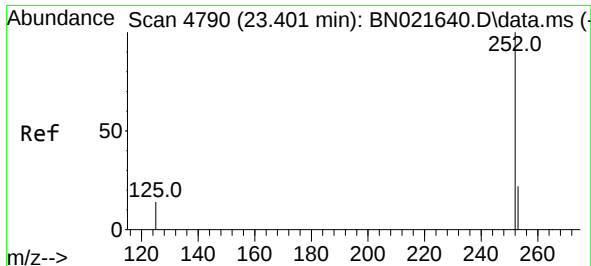
Tgt Ion:228 Resp: 19708
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 27.5 21.9 32.9



#22
Chrysene
Concen: 0.321 ng/ul
RT: 21.699 min Scan# 4208
Delta R.T. 0.003 min
Lab File: BN021637.D
Acq: 08 Sep 2022 09:08

Tgt Ion:228 Resp: 21425
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.3 15.8 23.8

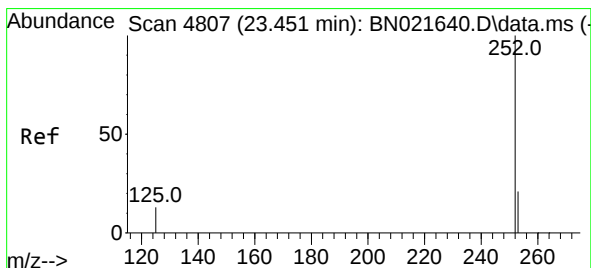
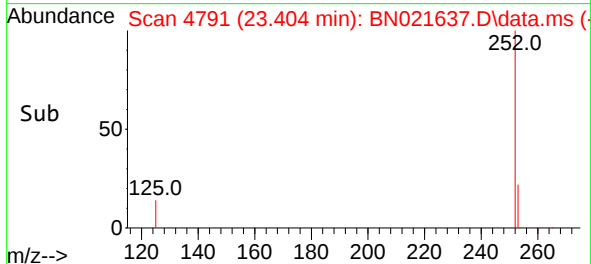
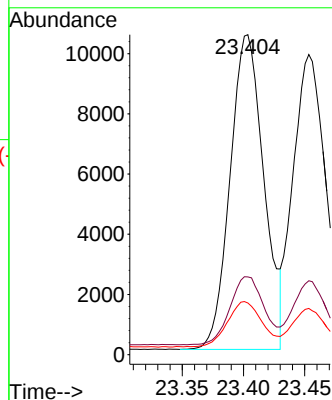
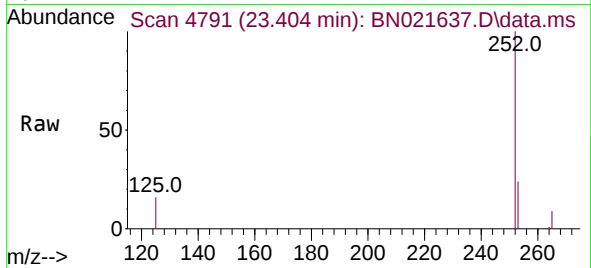




#24
Benzo(b)fluoranthene
Concen: 0.438 ng/ul
RT: 23.404 min Scan# 4791
Delta R.T. 0.003 min
Lab File: BN021637.D
Acq: 08 Sep 2022 09:08

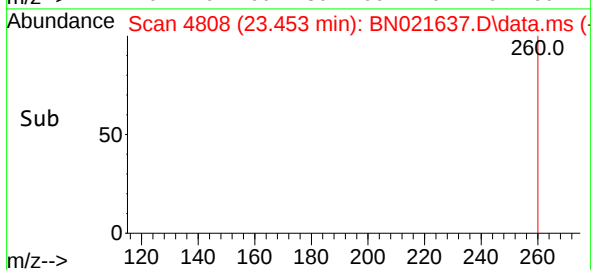
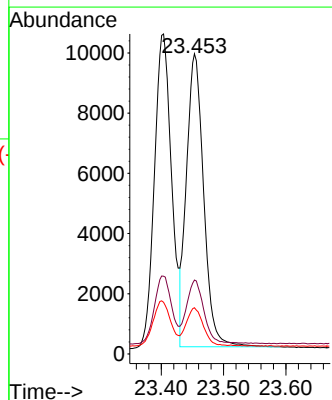
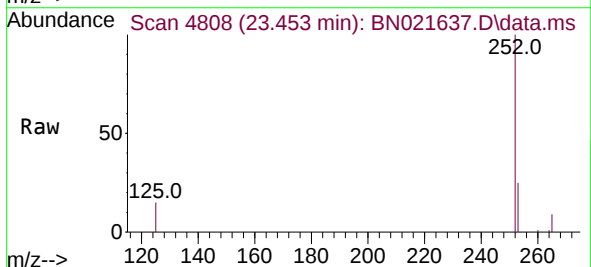
Instrument :
BNA_N
ClientSampleId :
SSTD0.4299

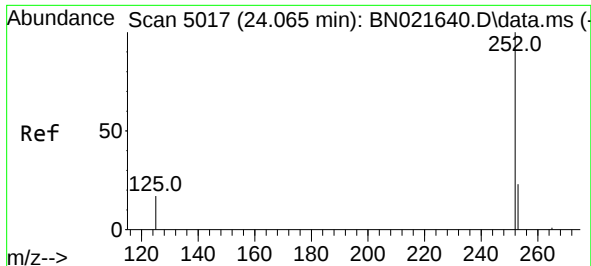
Tgt Ion:252 Resp: 20045
Ion Ratio Lower Upper
252 100
253 24.3 0.0 50.8
125 16.2 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.379 ng/ul
RT: 23.453 min Scan# 4808
Delta R.T. 0.003 min
Lab File: BN021637.D
Acq: 08 Sep 2022 09:08

Tgt Ion:252 Resp: 18675
Ion Ratio Lower Upper
252 100
253 24.6 20.6 31.0
125 15.4 11.8 17.6

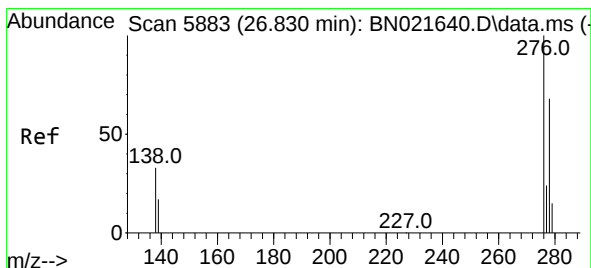
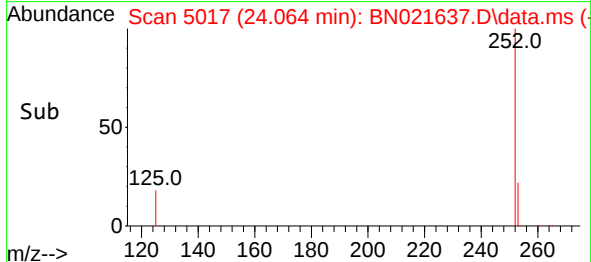
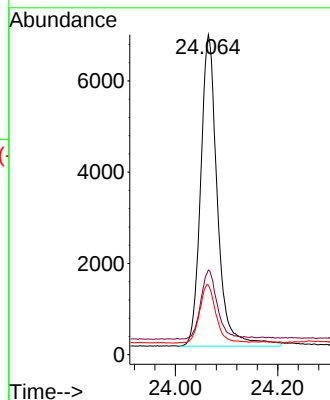
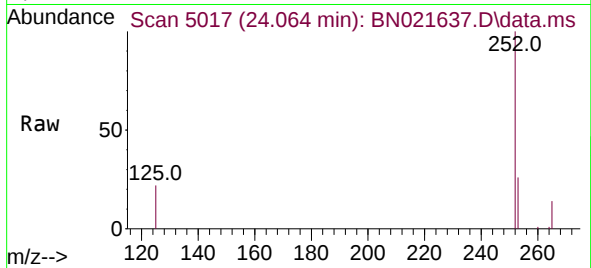




#26
Benzo(a)pyrene
Concen: 0.359 ng/ul
RT: 24.064 min Scan# 5017
Delta R.T. -0.000 min
Lab File: BN021637.D
Acq: 08 Sep 2022 09:08

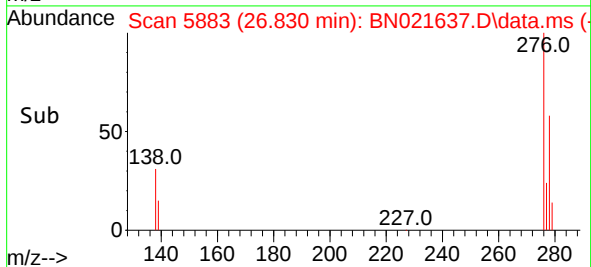
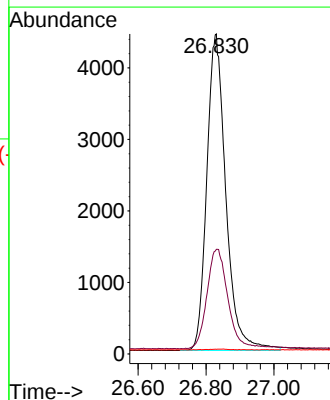
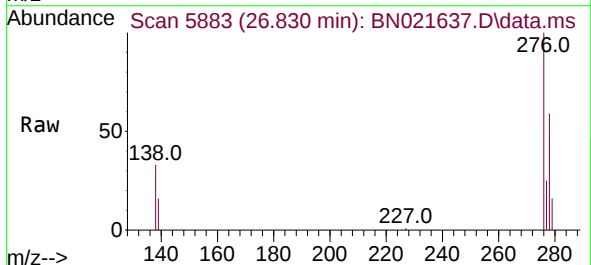
Instrument :
BNA_N
ClientSampleId :
SSTD0.4299

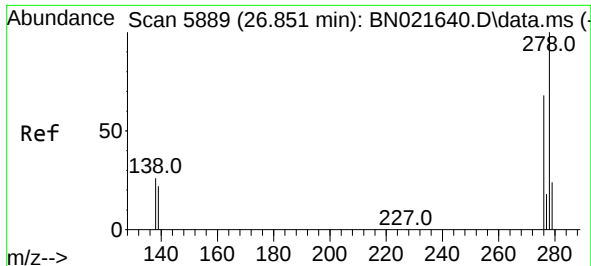
Tgt Ion:252 Resp: 15490
Ion Ratio Lower Upper
252 100
253 26.5 22.1 33.1
125 21.8 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.341 ng/ul
RT: 26.830 min Scan# 5883
Delta R.T. -0.000 min
Lab File: BN021637.D
Acq: 08 Sep 2022 09:08

Tgt Ion:276 Resp: 17234
Ion Ratio Lower Upper
276 100
138 34.8 26.1 39.1
227 0.0 0.1 0.1#

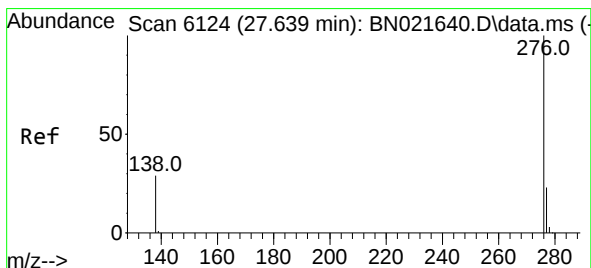
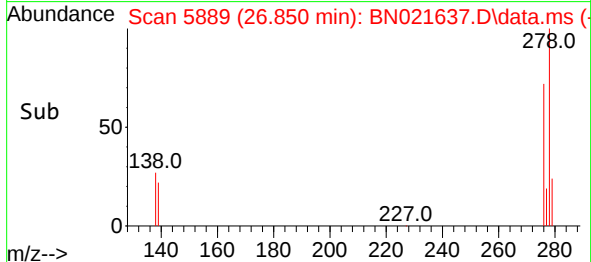
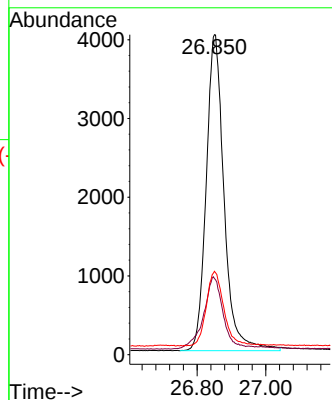
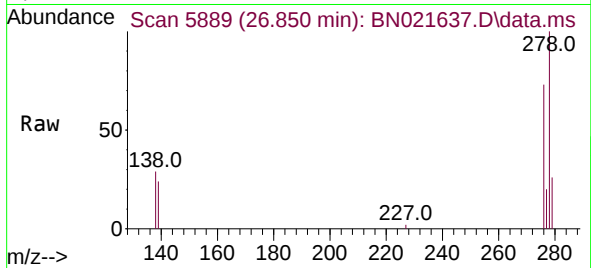




#28
 Dibenzo(a,h)anthracene
 Concen: 0.348 ng/ul
 RT: 26.850 min Scan# 5889
 Delta R.T. -0.000 min
 Lab File: BN021637.D
 Acq: 08 Sep 2022 09:08

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4299

Tgt Ion: 278 Resp: 14467
 Ion Ratio Lower Upper
 278 100
 139 23.8 18.3 27.5
 279 26.0 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.300 ng/ul
 RT: 27.639 min Scan# 6124
 Delta R.T. -0.000 min
 Lab File: BN021637.D
 Acq: 08 Sep 2022 09:08

Tgt Ion: 276 Resp: 15107
 Ion Ratio Lower Upper
 276 100
 138 30.4 22.6 34.0
 277 24.6 20.2 30.2

