

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090822\
 Data File : BN021638.D
 Acq On : 08 Sep 2022 10:23
 Operator : CG/JU
 Sample : SST0.140
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1244

Quant Time: Sep 08 13:40:29 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)

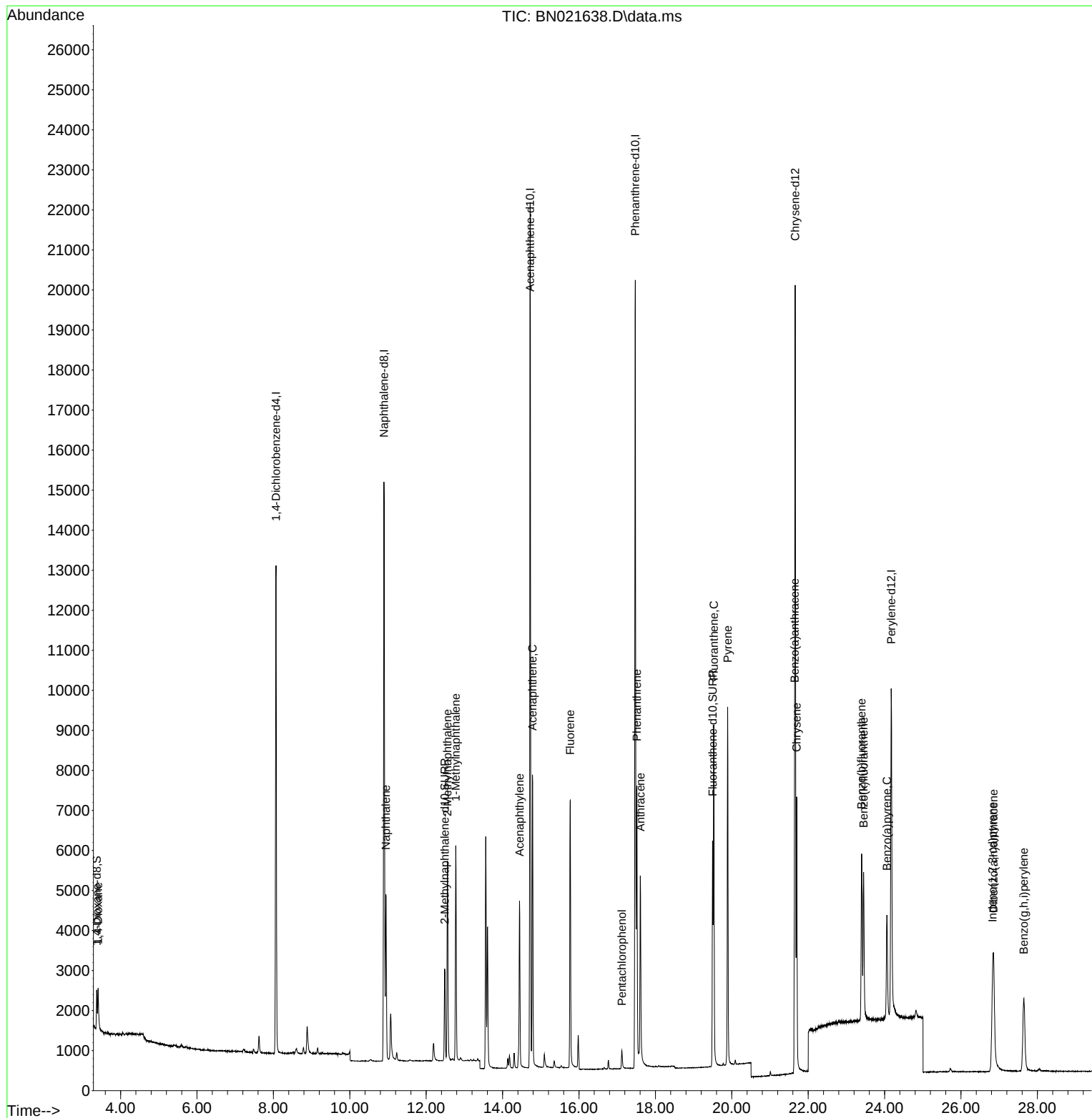
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	6438	0.400	ng/ul	0.00
4) Naphthalene-d8	10.894	136	20555	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.721	164	11801	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	24573	0.400	ng/ul	0.00
17) Chrysene-d12	21.659	240	17055	0.400	ng/ul	0.00
23) Perylene-d12	24.173	264	12583	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	783	0.094	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.483	152	3208	0.103	ng/ul	0.00
18) Fluoranthene-d10	19.497	212	6178	0.118	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	723	0.083	ng/ul#	88
5) Naphthalene	10.944	128	5900	0.091	ng/ul	99
7) 2-Methylnaphthalene	12.555	142	3796	0.093	ng/ul	99
8) 1-Methylnaphthalene	12.775	142	3844	0.101	ng/ul	99
10) Acenaphthylene	14.444	152	4995	0.082	ng/ul	100
11) Acenaphthene	14.781	153	4256	0.091	ng/ul	98
12) Fluorene	15.771	166	4693	0.090	ng/ul	99
14) Pentachlorophenol	17.122	266	392	0.144	ng/ul	98
15) Phenanthrene	17.515	178	7771	0.085	ng/ul	99
16) Anthracene	17.607	178	6272	0.086	ng/ul	99
19) Fluoranthene	19.529	202	7662	0.095	ng/ul	98
20) Pyrene	19.892	202	7802	0.096	ng/ul	95
21) Benzo(a)anthracene	21.644	228	5643	0.095	ng/ul	100
22) Chrysene	21.697	228	6301	0.083	ng/ul	99
24) Benzo(b)fluoranthene	23.398	252	5740	0.106	ng/ul	87
25) Benzo(k)fluoranthene	23.451	252	5560	0.096	ng/ul#	87
26) Benzo(a)pyrene	24.062	252	4500	0.088	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.827	276	5047	0.084	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.854	278	4217	0.086	ng/ul#	93
29) Benzo(g,h,i)perylene	27.645	276	4666	0.079	ng/ul	93

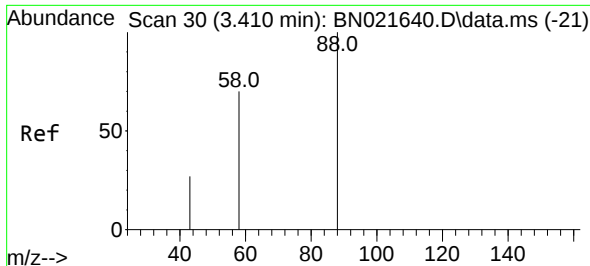
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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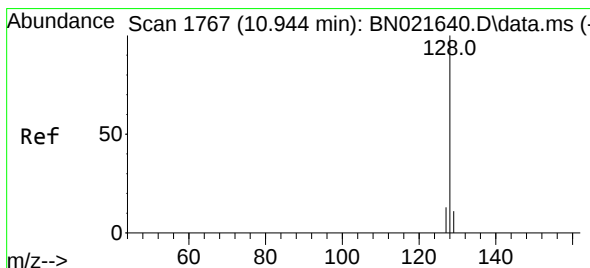
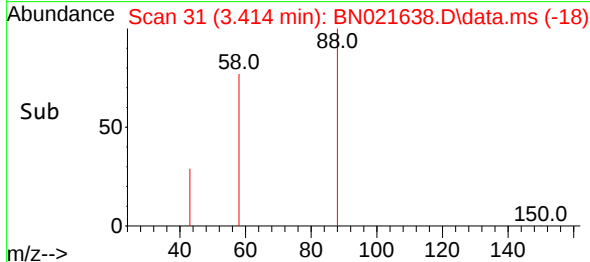
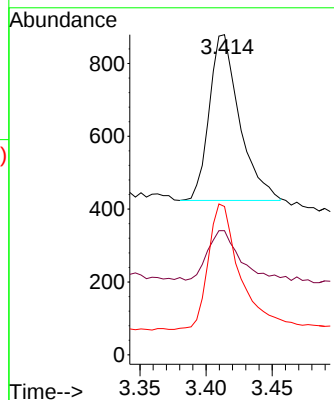
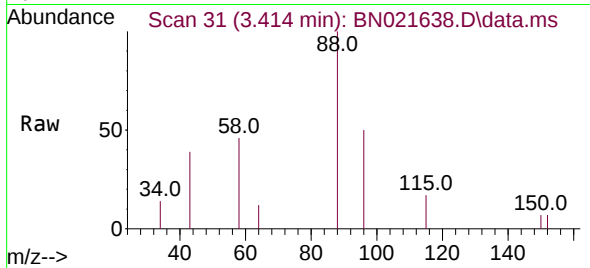




#2
 1,4-Dioxane
 Concen: 0.083 ng/ul
 RT: 3.414 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: BN021638.D
 Acq: 08 Sep 2022 10:23

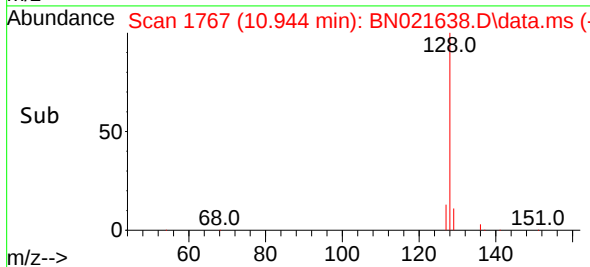
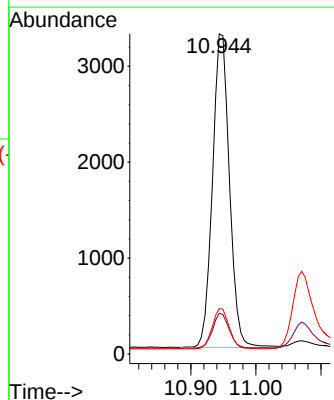
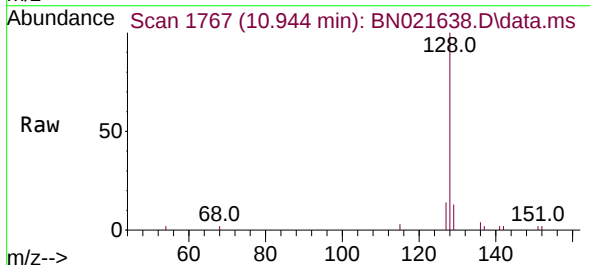
Instrument :
 BNA_N
 ClientSampleId :
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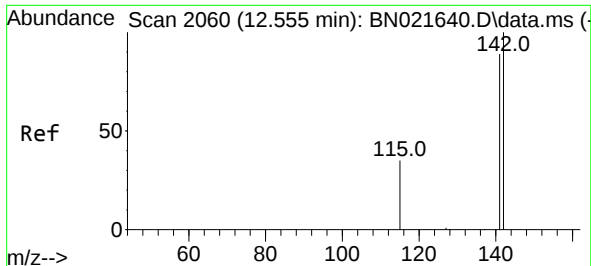
Tgt Ion: 88 Resp: 723
 Ion Ratio Lower Upper
 88 100
 43 38.8 31.4 47.0
 58 46.3 49.0 73.6#



#5
 Naphthalene
 Concen: 0.091 ng/ul
 RT: 10.944 min Scan# 1767
 Delta R.T. 0.000 min
 Lab File: BN021638.D
 Acq: 08 Sep 2022 10:23

Tgt Ion:128 Resp: 5900
 Ion Ratio Lower Upper
 128 100
 129 12.7 9.8 14.6
 127 14.2 11.6 17.4

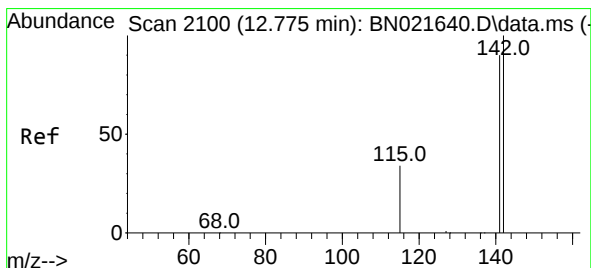
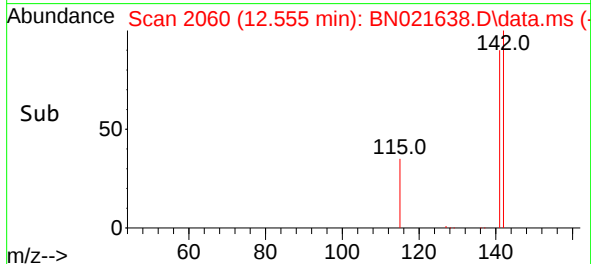
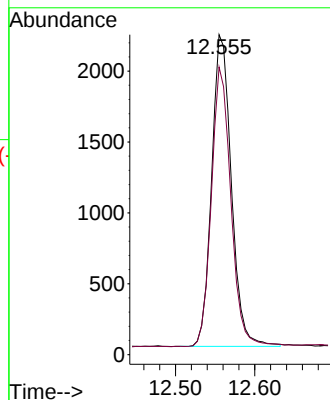
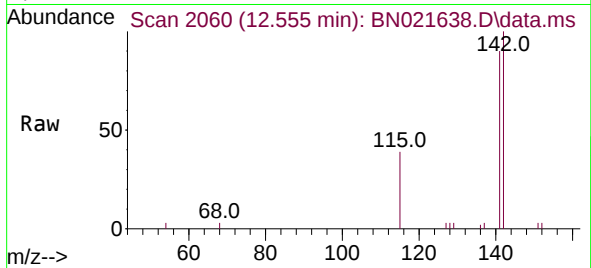




#7
2-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.555 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN021638.D
Acq: 08 Sep 2022 10:23

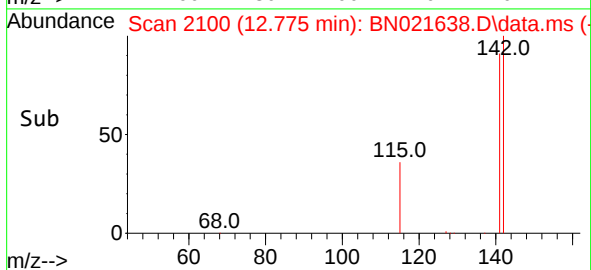
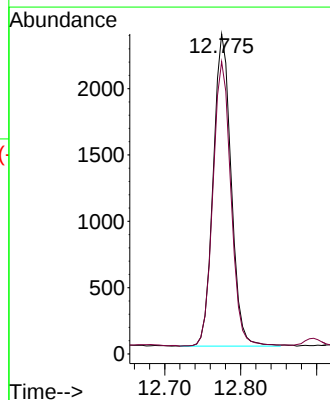
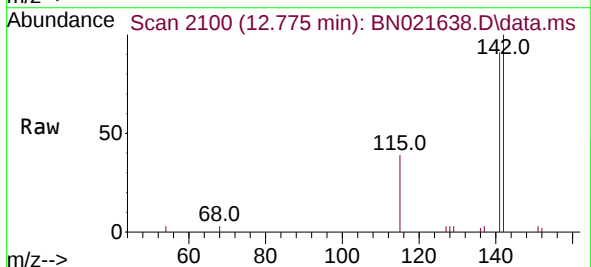
Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

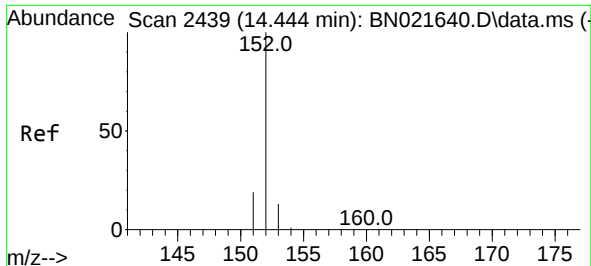
Tgt Ion:142 Resp: 3796
Ion Ratio Lower Upper
142 100
141 88.8 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.775 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN021638.D
Acq: 08 Sep 2022 10:23

Tgt Ion:142 Resp: 3844
Ion Ratio Lower Upper
142 100
141 91.7 73.9 110.9

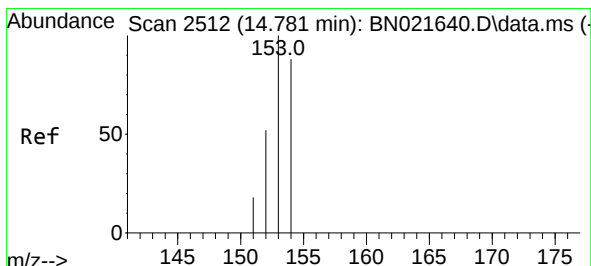
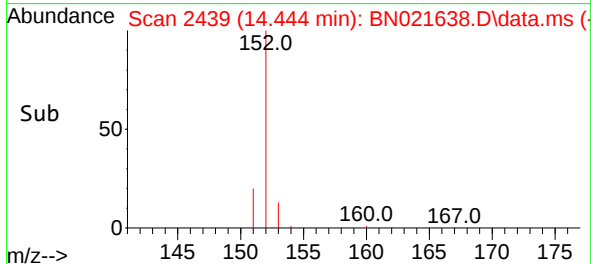
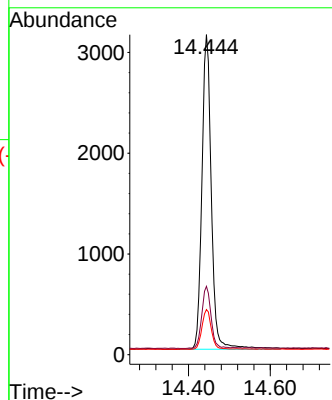
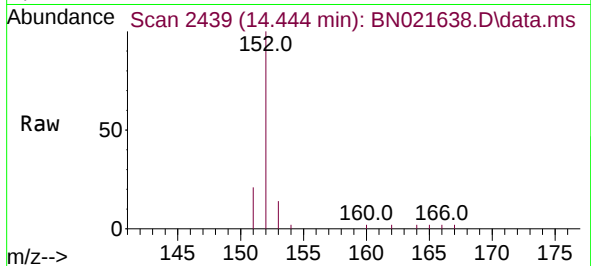




#10
Acenaphthylene
Concen: 0.082 ng/u1
RT: 14.444 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN021638.D
Acq: 08 Sep 2022 10:23

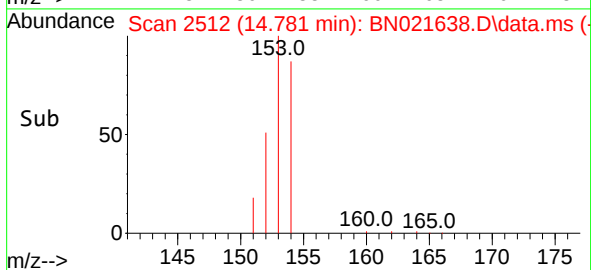
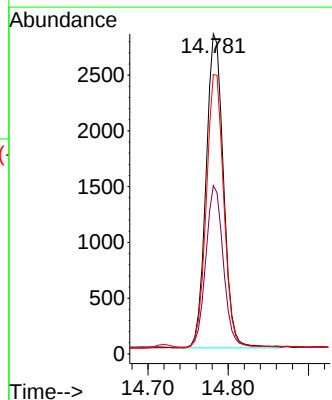
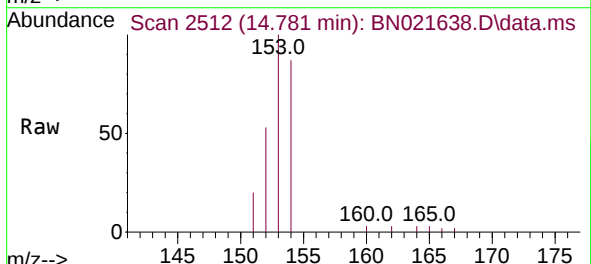
Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

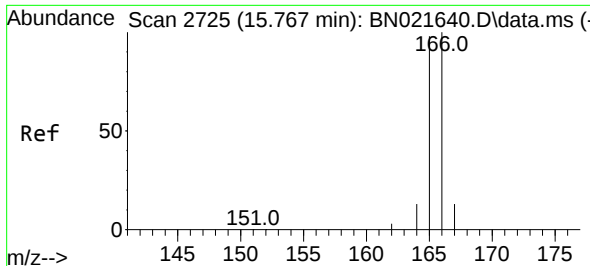
Tgt Ion:152 Resp: 4995
Ion Ratio Lower Upper
152 100
151 21.3 16.9 25.3
153 14.1 11.2 16.8



#11
Acenaphthene
Concen: 0.091 ng/u1
RT: 14.781 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN021638.D
Acq: 08 Sep 2022 10:23

Tgt Ion:153 Resp: 4256
Ion Ratio Lower Upper
153 100
152 52.6 40.2 60.4
154 87.3 70.7 106.1

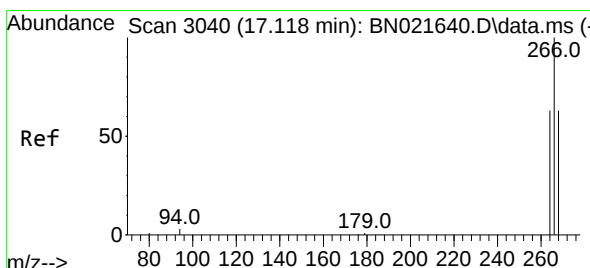
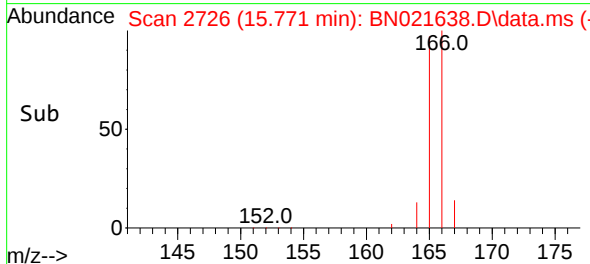
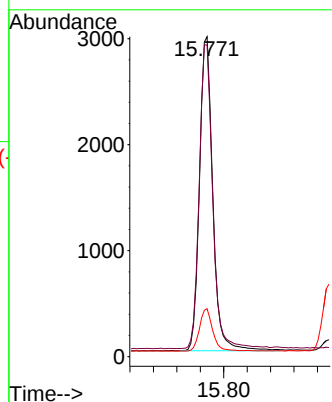
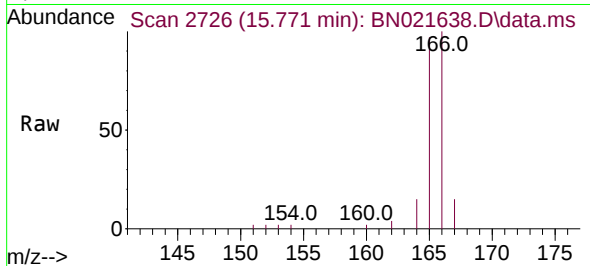




#12
Fluorene
Concen: 0.090 ng/ul
RT: 15.771 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN021638.D
Acq: 08 Sep 2022 10:23

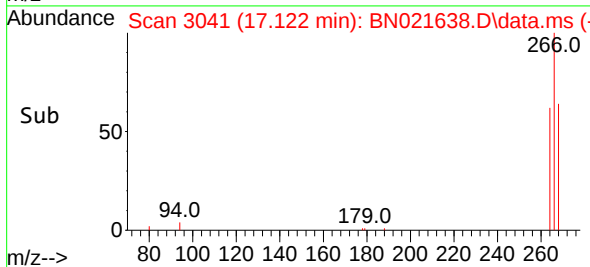
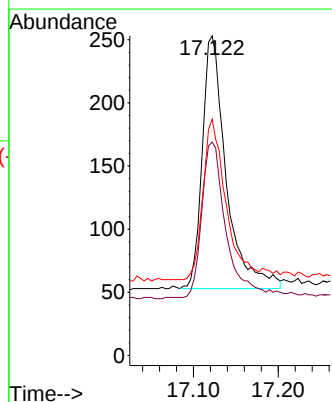
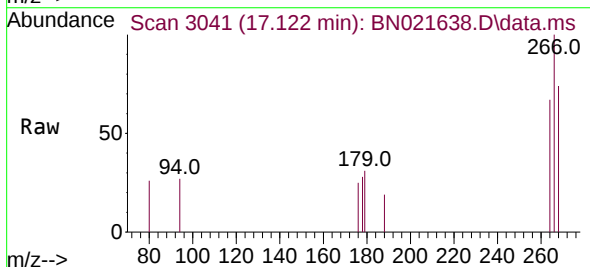
Instrument :
BNA_N
ClientSampleId :
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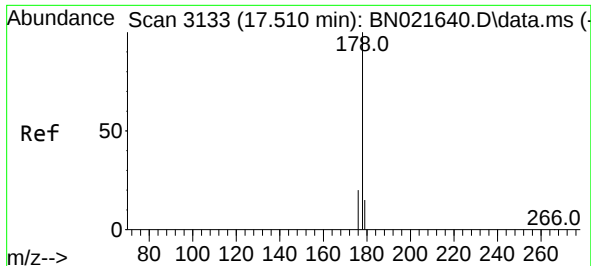
Tgt Ion:166 Resp: 4693
Ion Ratio Lower Upper
166 100
165 97.4 78.6 117.8
167 15.0 11.8 17.6



#14
Pentachlorophenol
Concen: 0.144 ng/ul
RT: 17.122 min Scan# 3041
Delta R.T. 0.004 min
Lab File: BN021638.D
Acq: 08 Sep 2022 10:23

Tgt Ion:266 Resp: 392
Ion Ratio Lower Upper
266 100
264 62.5 49.8 74.8
268 60.5 50.6 75.8

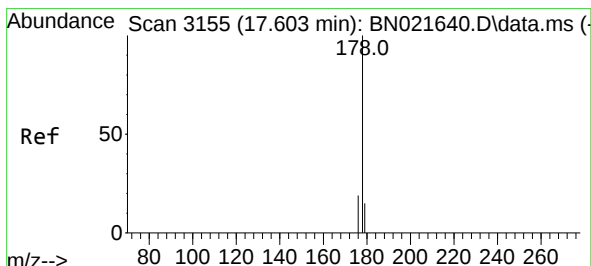
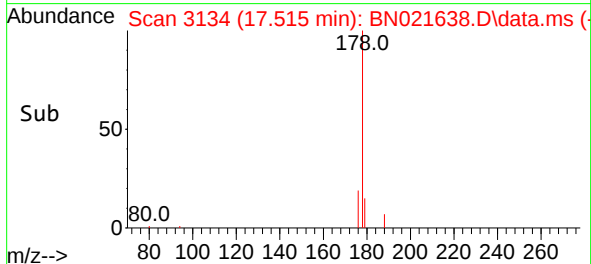
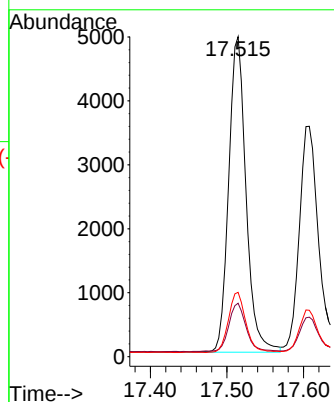
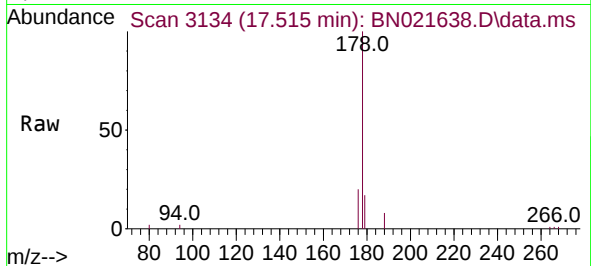




#15
Phenanthrene
Concen: 0.085 ng/u1
RT: 17.515 min Scan# 3133
Delta R.T. 0.004 min
Lab File: BN021638.D
Acq: 08 Sep 2022 10:23

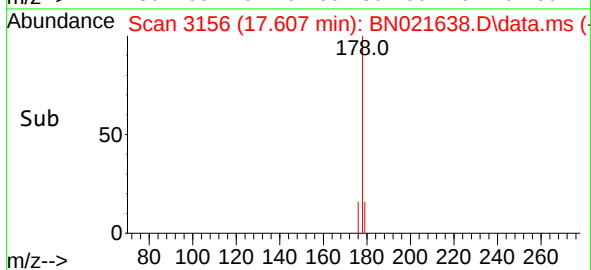
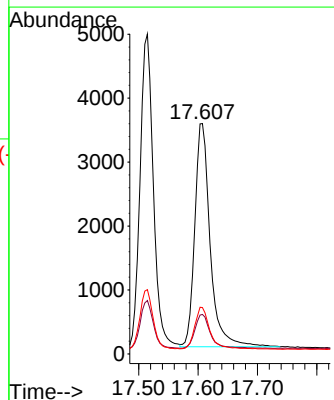
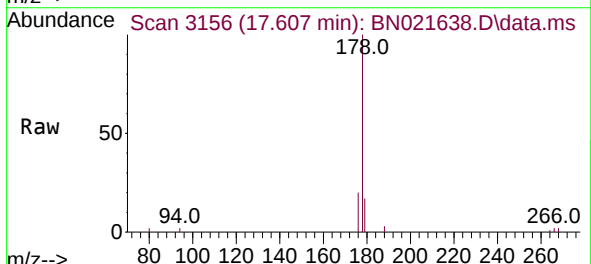
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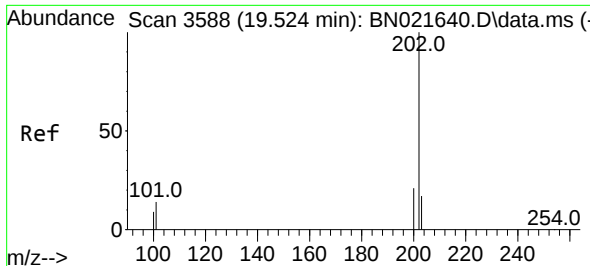
Tgt Ion:178 Resp: 7771
Ion Ratio Lower Upper
178 100
179 16.7 12.8 19.2
176 20.1 15.9 23.9



#16
Anthracene
Concen: 0.086 ng/u1
RT: 17.607 min Scan# 3156
Delta R.T. 0.004 min
Lab File: BN021638.D
Acq: 08 Sep 2022 10:23

Tgt Ion:178 Resp: 6272
Ion Ratio Lower Upper
178 100
179 17.1 12.9 19.3
176 20.1 15.9 23.9

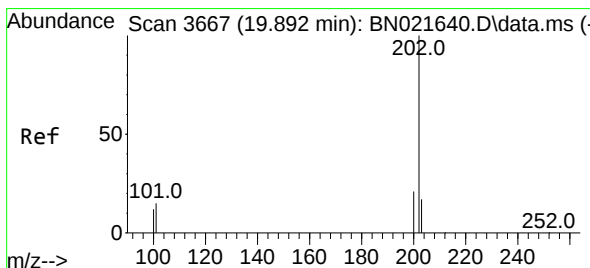
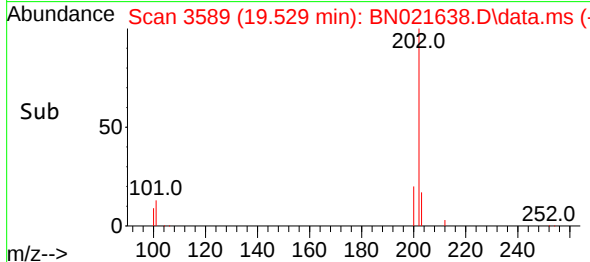
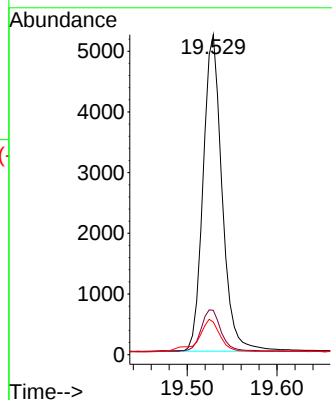
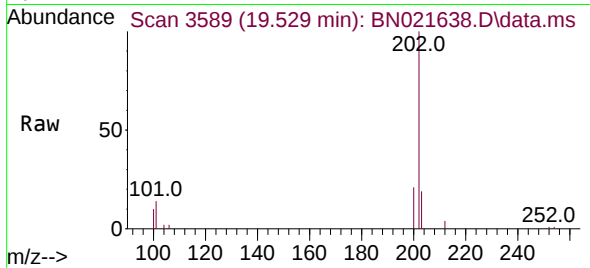




#19
Fluoranthene
Concen: 0.095 ng/u1
RT: 19.529 min Scan# 3589
Delta R.T. 0.005 min
Lab File: BN021638.D
Acq: 08 Sep 2022 10:23

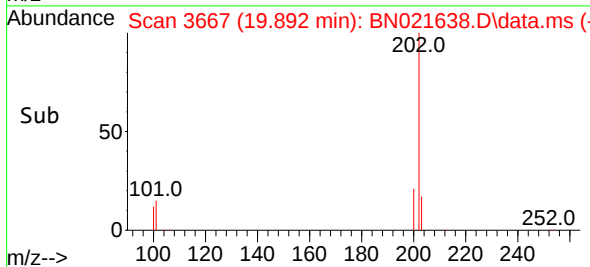
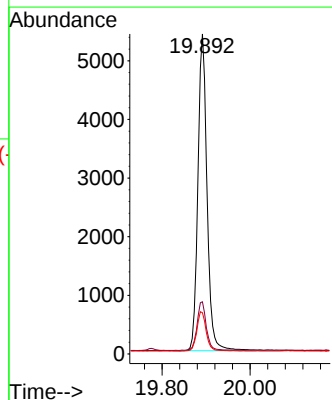
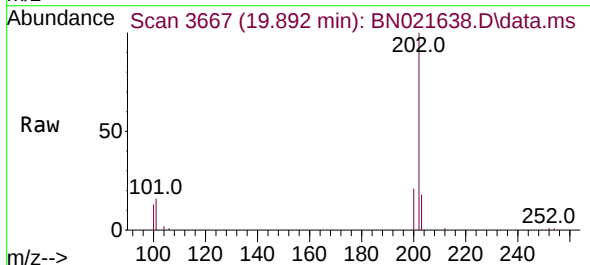
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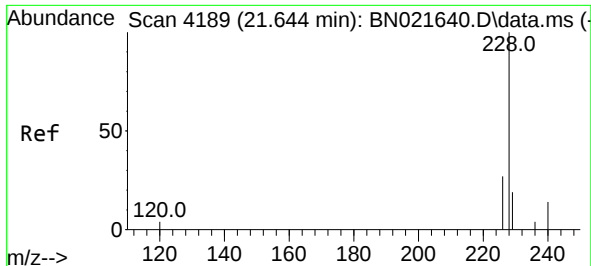
Tgt Ion:202 Resp: 7662
Ion Ratio Lower Upper
202 100
101 13.9 10.0 15.0
100 10.2 8.0 12.0



#20
Pyrene
Concen: 0.096 ng/u1
RT: 19.892 min Scan# 3667
Delta R.T. 0.000 min
Lab File: BN021638.D
Acq: 08 Sep 2022 10:23

Tgt Ion:202 Resp: 7802
Ion Ratio Lower Upper
202 100
101 16.3 11.3 16.9
100 12.9 9.0 13.4

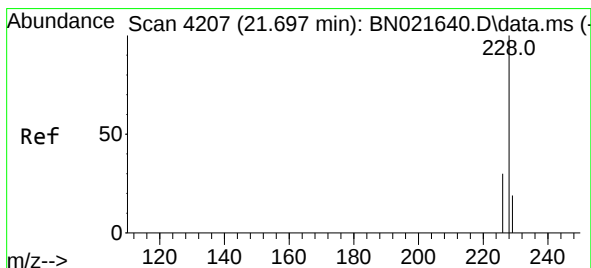
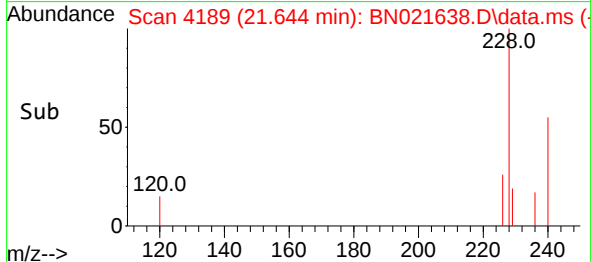
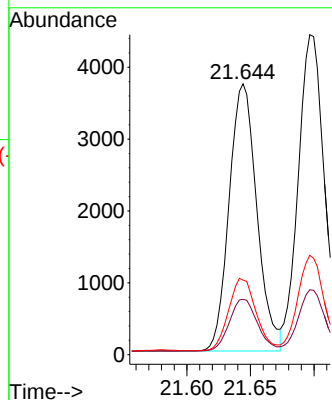
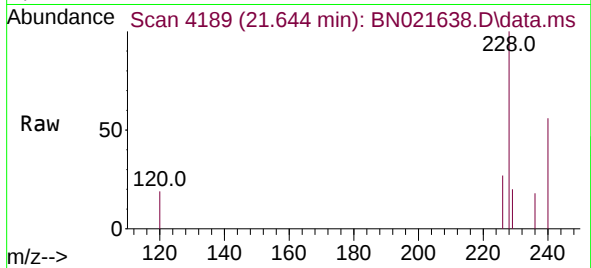




#21
Benzo(a)anthracene
Concen: 0.095 ng/u1
RT: 21.644 min Scan# 4189
Delta R.T. 0.000 min
Lab File: BN021638.D
Acq: 08 Sep 2022 10:23

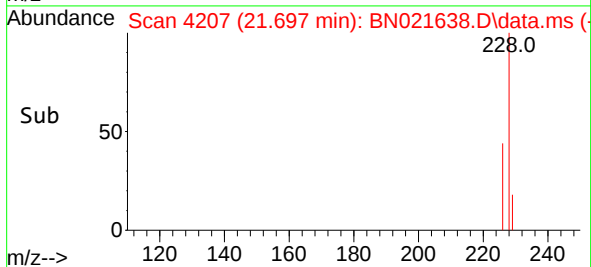
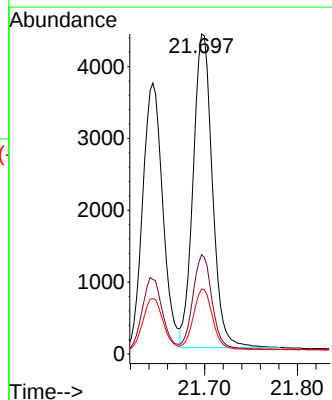
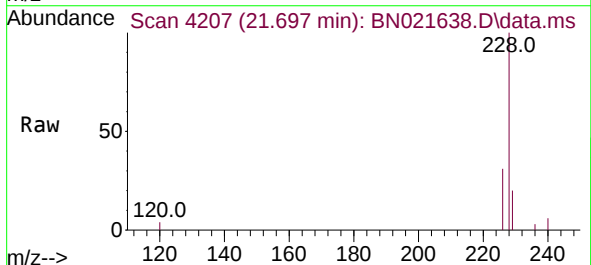
Instrument :
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SSTD0.1244

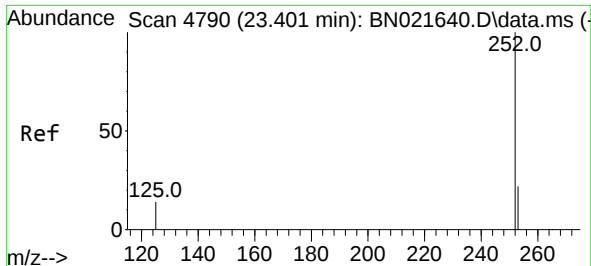
Tgt Ion:228 Resp: 5643
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 27.5 21.9 32.9



#22
Chrysene
Concen: 0.083 ng/u1
RT: 21.697 min Scan# 4207
Delta R.T. 0.000 min
Lab File: BN021638.D
Acq: 08 Sep 2022 10:23

Tgt Ion:228 Resp: 6301
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 20.3 15.8 23.8

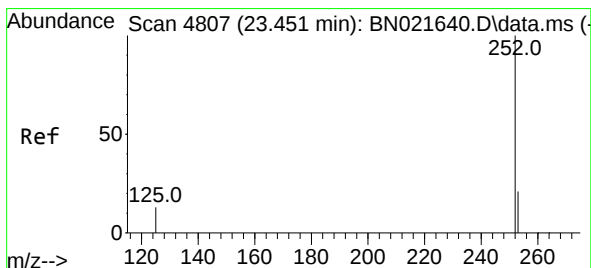
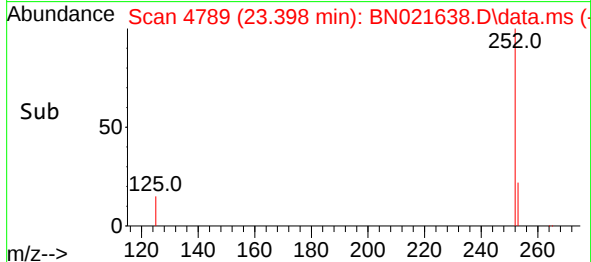
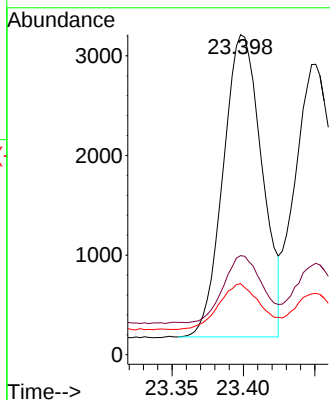
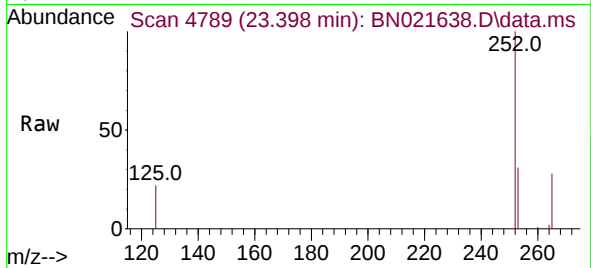




#24
Benzo(b)fluoranthene
Concen: 0.106 ng/ul
RT: 23.398 min Scan# 4789
Delta R.T. -0.003 min
Lab File: BN021638.D
Acq: 08 Sep 2022 10:23

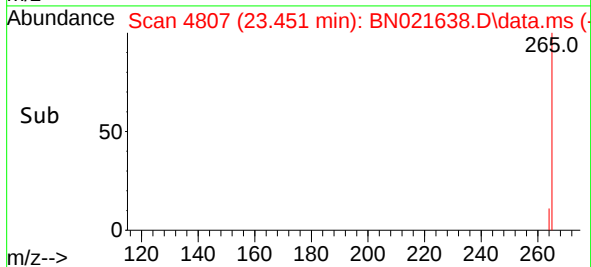
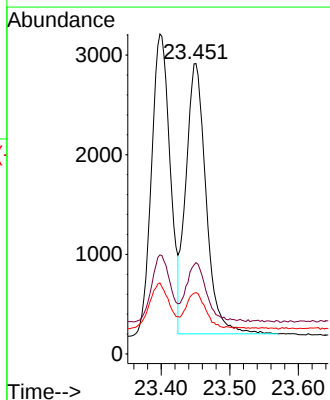
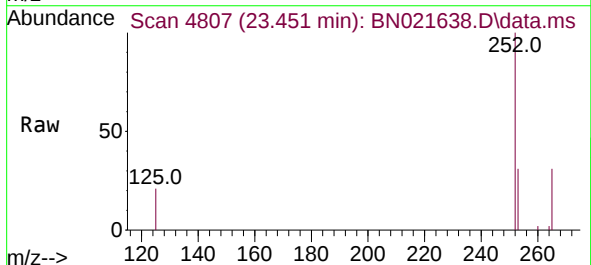
Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

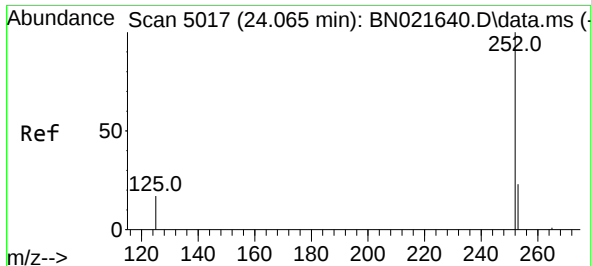
Tgt Ion:252 Resp: 5740
Ion Ratio Lower Upper
252 100
253 31.0 0.0 50.8
125 22.2 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.096 ng/ul
RT: 23.451 min Scan# 4807
Delta R.T. 0.000 min
Lab File: BN021638.D
Acq: 08 Sep 2022 10:23

Tgt Ion:252 Resp: 5560
Ion Ratio Lower Upper
252 100
253 31.5 20.6 31.0#
125 21.1 11.8 17.6#

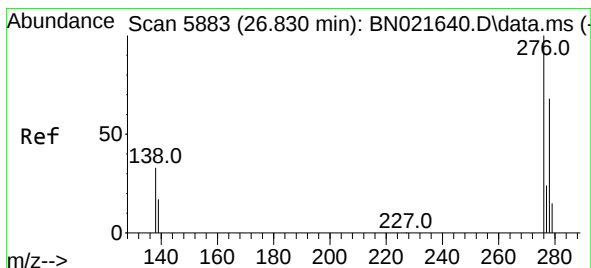
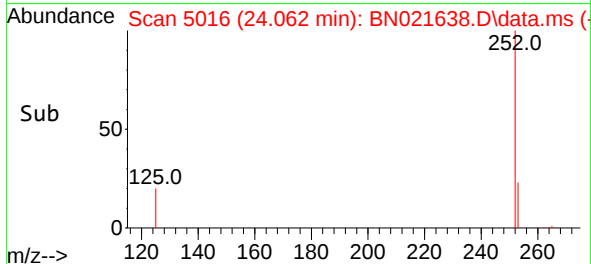
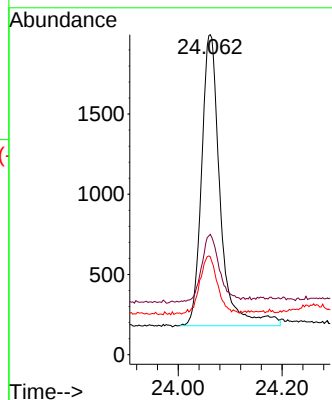
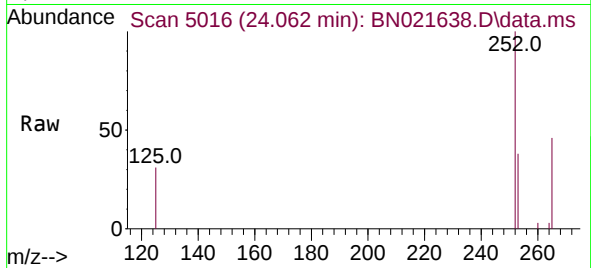




#26
Benzo(a)pyrene
Concen: 0.088 ng/ul
RT: 24.062 min Scan# 5017
Delta R.T. -0.003 min
Lab File: BN021638.D
Acq: 08 Sep 2022 10:23

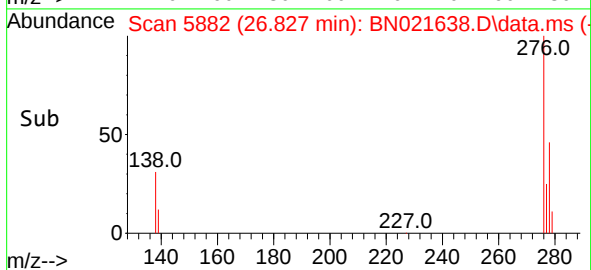
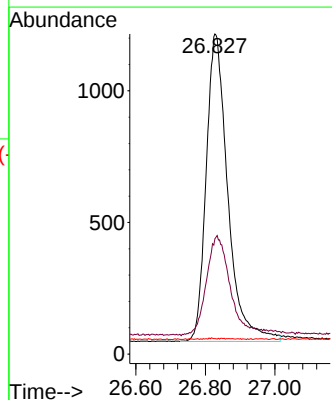
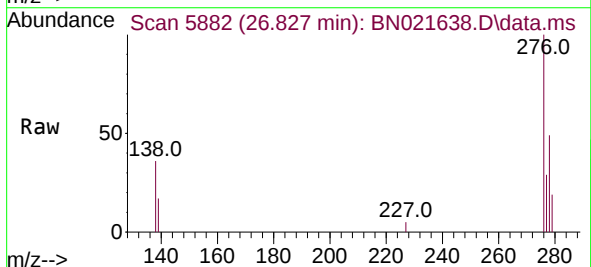
Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

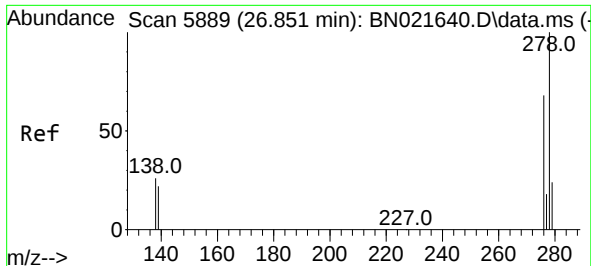
Tgt Ion:252 Resp: 4500
Ion Ratio Lower Upper
252 100
253 37.6 22.1 33.1#
125 30.6 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.084 ng/ul
RT: 26.827 min Scan# 5882
Delta R.T. -0.003 min
Lab File: BN021638.D
Acq: 08 Sep 2022 10:23

Tgt Ion:276 Resp: 5047
Ion Ratio Lower Upper
276 100
138 36.8 26.1 39.1
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.086 ng/ul

RT: 26.854 min Scan# 5889

Delta R.T. 0.003 min

Lab File: BN021638.D

Acq: 08 Sep 2022 10:23

Instrument :

BNA_N

ClientSampleId :

SSTD0.1244

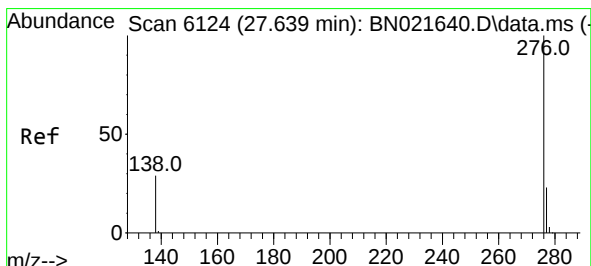
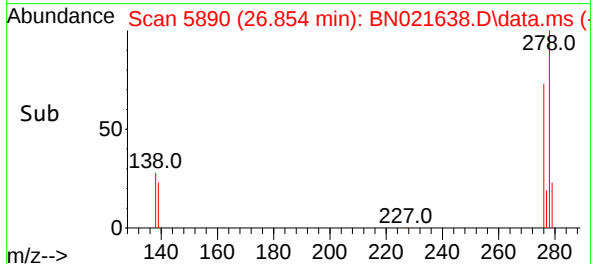
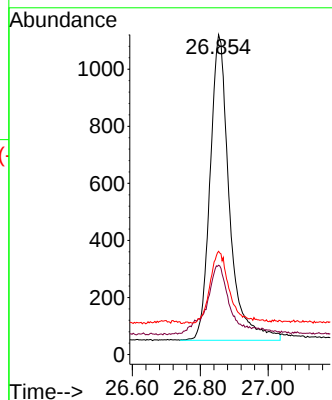
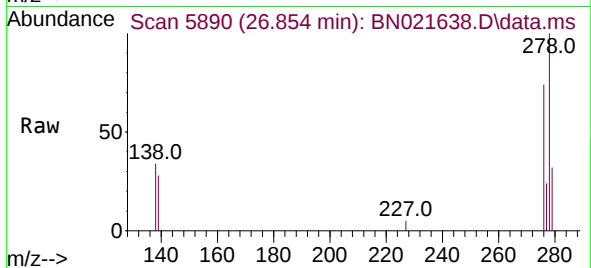
Tgt Ion:278 Resp: 4217

Ion Ratio Lower Upper

278 100

139 27.9 18.3 27.5#

279 32.3 23.9 35.9



#29

Benzo(g,h,i)perylene

Concen: 0.079 ng/ul

RT: 27.645 min Scan# 6126

Delta R.T. 0.007 min

Lab File: BN021638.D

Acq: 08 Sep 2022 10:23

Tgt Ion:276 Resp: 4666

Ion Ratio Lower Upper

276 100

138 33.0 22.6 34.0

277 27.2 20.2 30.2

