

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
 Data File : BN021854.D
 Acq On : 21 Sep 2022 23:04
 Operator : CG/JU
 Sample : N4649-15MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EXZ32MSD

Quant Time: Sep 22 00:47:35 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 : Tue Sep 20 00:20:21 2022
 Response via : Initial Calibration

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

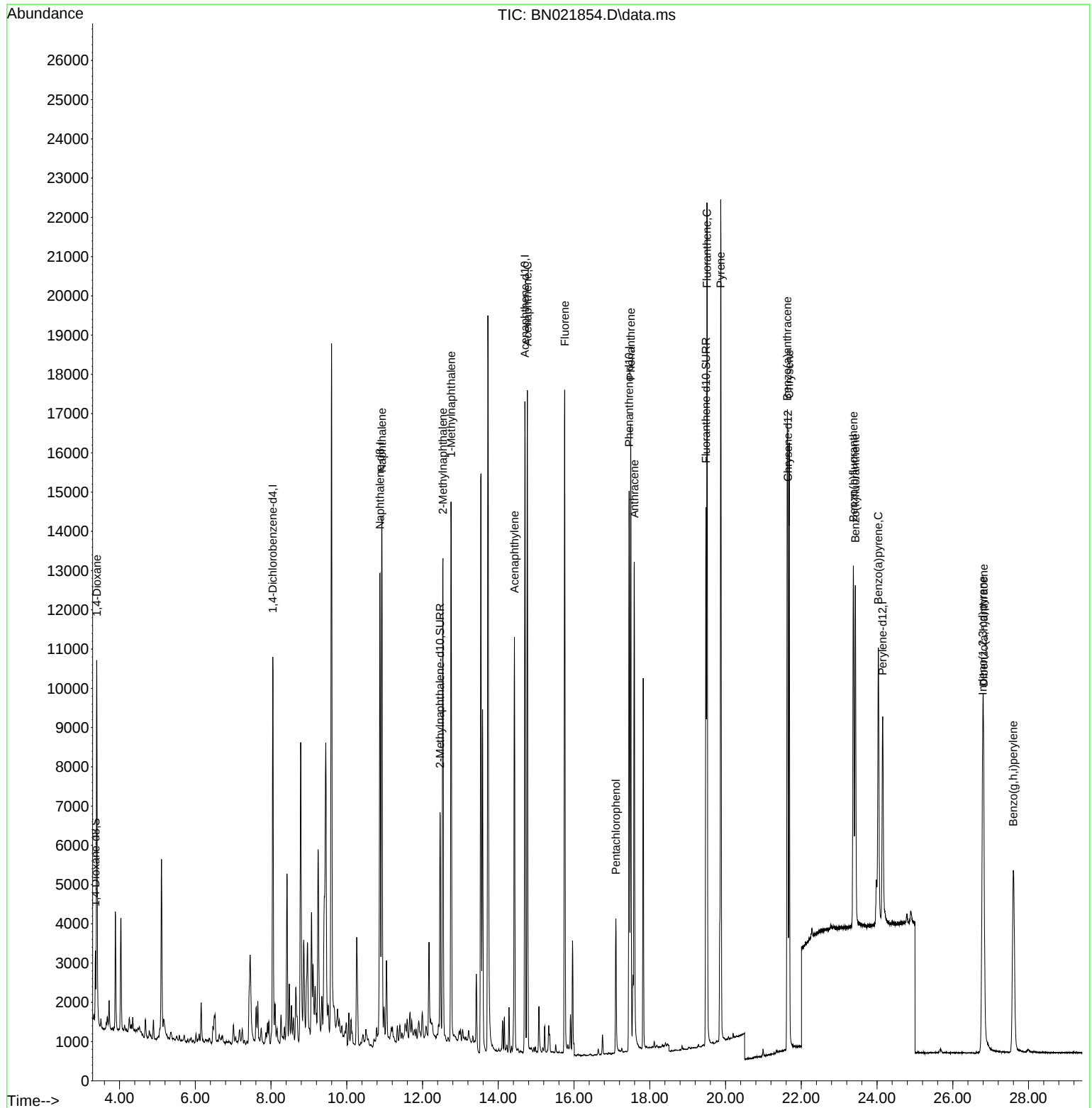
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	5028	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	16580	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.703	164	9149	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.455	188	16530	0.400	ng/ul	0.00
17) Chrysene-d12	21.644	240	9861	0.400	ng/ul	# 0.00
23) Perylene-d12	24.146	264	7936	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	1222	0.198	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.462	152	7715	0.294	ng/ul	-0.01
18) Fluoranthene-d10	19.483	212	14527	0.396	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.397	88	6556	1.033	ng/ul	89
5) Naphthalene	10.927	128	18436	0.394	ng/ul	98
7) 2-Methylnaphthalene	12.539	142	9104	0.300	ng/ul	98
8) 1-Methylnaphthalene	12.753	142	9603	0.308	ng/ul	99
10) Acenaphthylene	14.425	152	12336	0.321	ng/ul	99
11) Acenaphthene	14.768	153	9687	0.298	ng/ul	99
12) Fluorene	15.753	166	10951	0.300	ng/ul	99
14) Pentachlorophenol	17.105	266	2478	0.774	ng/ul	99
15) Phenanthrene	17.498	178	17729	0.340	ng/ul	99
16) Anthracene	17.591	178	14801	0.342	ng/ul	99
19) Fluoranthene	19.511	202	18097	0.393	ng/ul	96
20) Pyrene	19.873	202	17883	0.394	ng/ul#	94
21) Benzo(a)anthracene	21.627	228	13105	0.397	ng/ul	99
22) Chrysene	21.682	228	13826	0.384	ng/ul	99
24) Benzo(b)fluoranthene	23.375	252	12813	0.333	ng/ul	91
25) Benzo(k)fluoranthene	23.424	252	12306	0.330	ng/ul#	91
26) Benzo(a)pyrene	24.032	252	11558	0.396	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.787	276	13189	0.402	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.811	278	10807	0.388	ng/ul	96
29) Benzo(g,h,i)perylene	27.599	276	11741	0.388	ng/ul	96

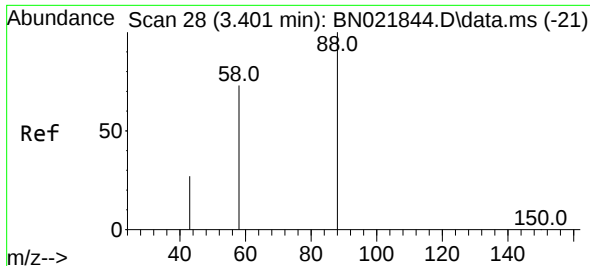
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 22 00:47:35 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 : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration

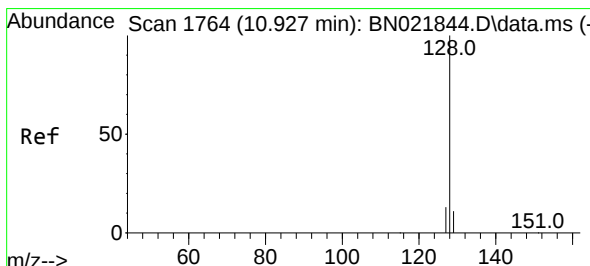
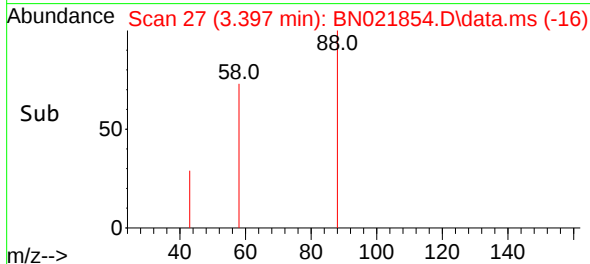
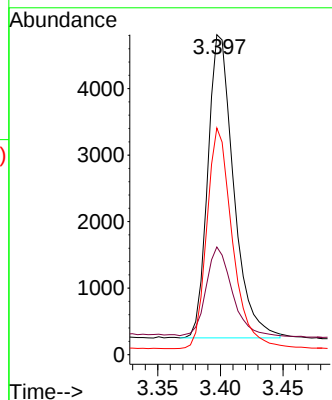
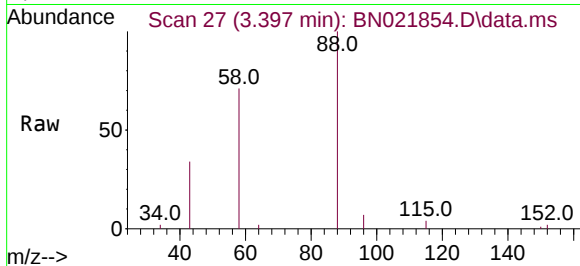




#2
 1,4-Dioxane
 Concen: 1.033 ng/ul
 RT: 3.397 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN021854.D
 Acq: 21 Sep 2022 23:04

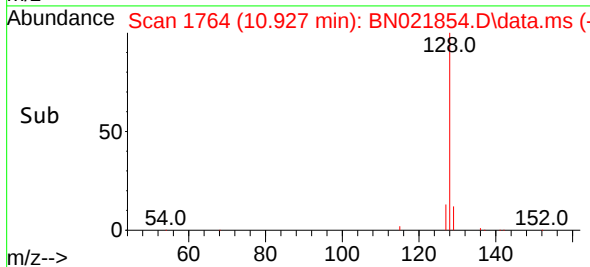
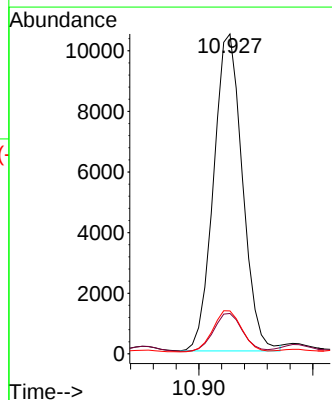
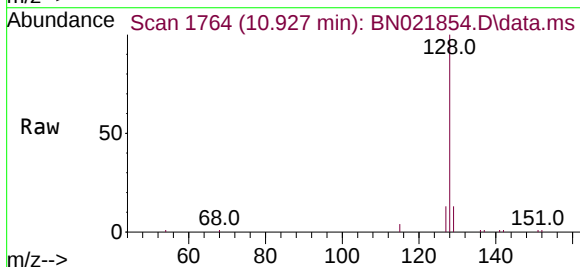
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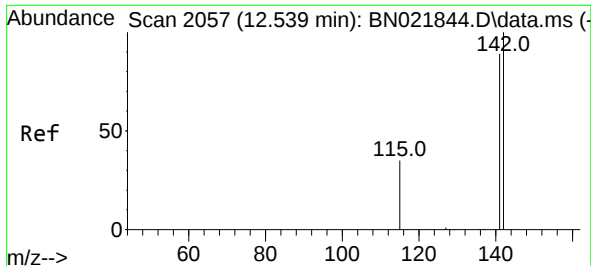
Tgt Ion: 88 Resp: 6556
 Ion Ratio Lower Upper
 88 100
 43 33.6 31.4 47.0
 58 70.8 49.0 73.6



#5
 Naphthalene
 Concen: 0.394 ng/ul
 RT: 10.927 min Scan# 1764
 Delta R.T. -0.006 min
 Lab File: BN021854.D
 Acq: 21 Sep 2022 23:04

Tgt Ion: 128 Resp: 18436
 Ion Ratio Lower Upper
 128 100
 129 12.6 9.8 14.6
 127 13.4 11.6 17.4

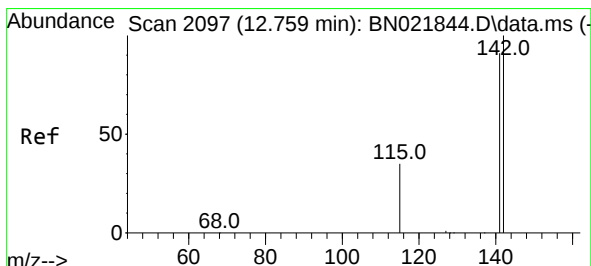
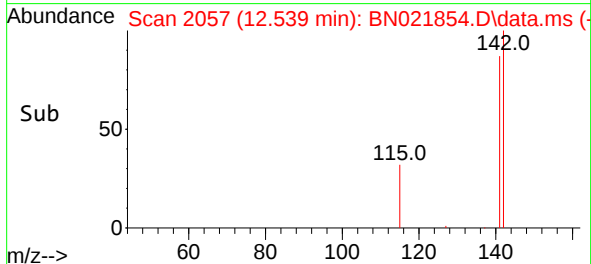
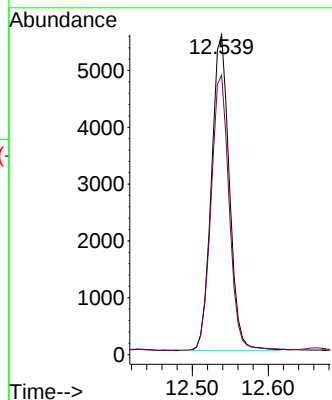
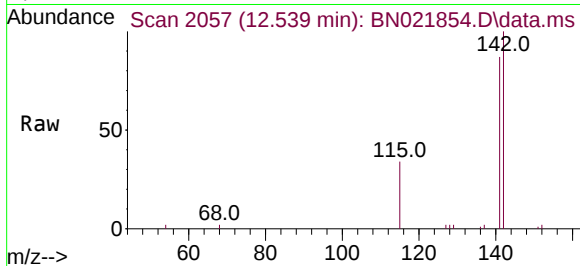




#7
2-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 12.539 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BN021854.D
Acq: 21 Sep 2022 23:04

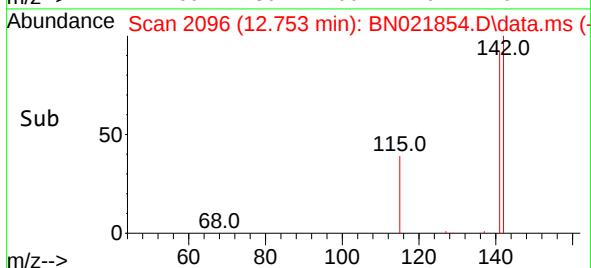
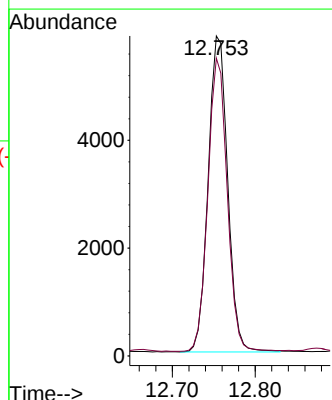
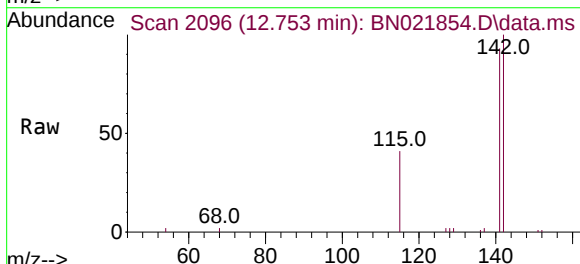
Instrument :
BNA_N
ClientSampleId :
EXZ32MSD

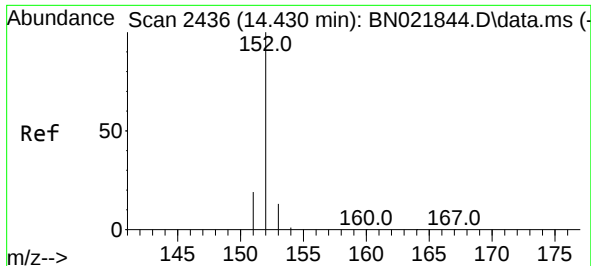
Tgt Ion:142 Resp: 9104
Ion Ratio Lower Upper
142 100
141 88.2 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.753 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BN021854.D
Acq: 21 Sep 2022 23:04

Tgt Ion:142 Resp: 9603
Ion Ratio Lower Upper
142 100
141 91.8 73.9 110.9

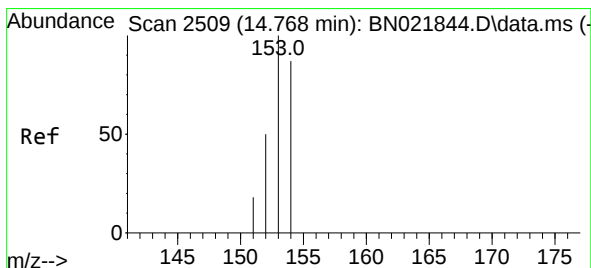
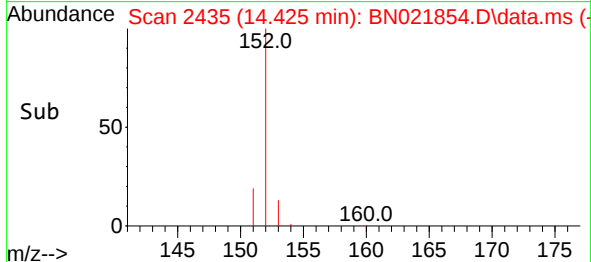
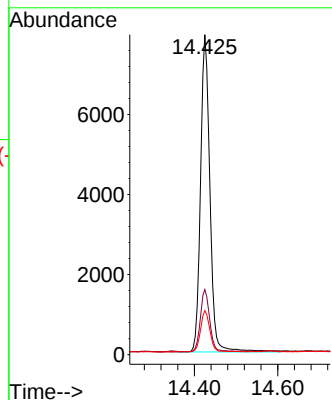
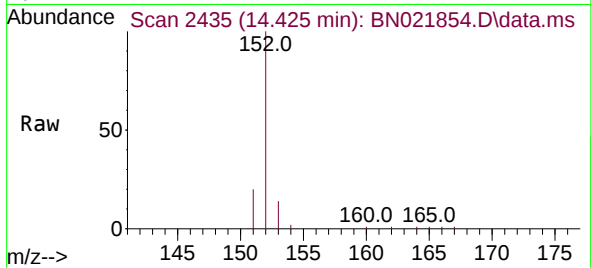




#10
Acenaphthylene
Concen: 0.321 ng/ul
RT: 14.425 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN021854.D
Acq: 21 Sep 2022 23:04

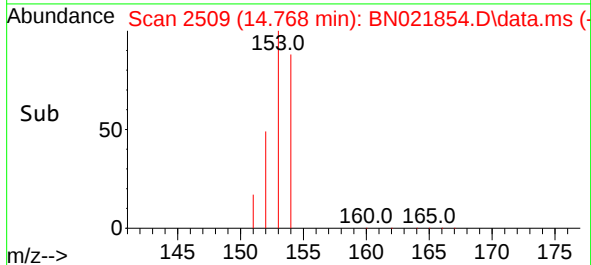
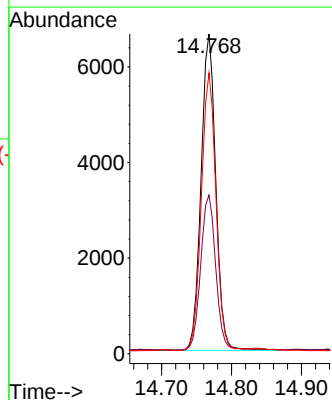
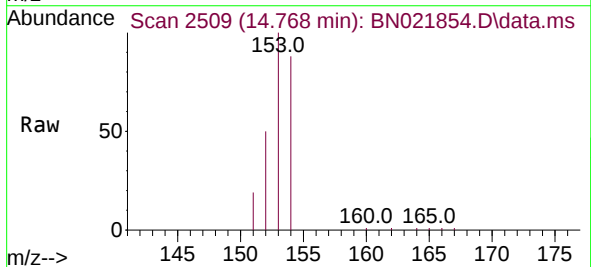
Instrument :
BNA_N
ClientSampleId :
EXZ32MSD

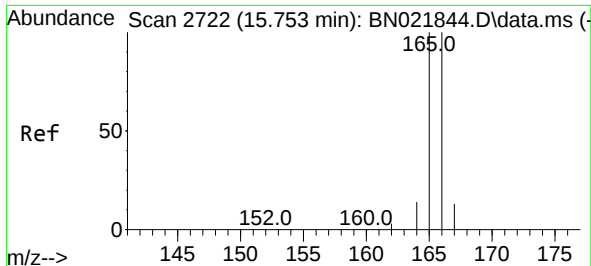
Tgt Ion:152 Resp: 12336
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 13.7 11.2 16.8



#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.768 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN021854.D
Acq: 21 Sep 2022 23:04

Tgt Ion:153 Resp: 9687
Ion Ratio Lower Upper
153 100
152 49.6 40.2 60.4
154 87.8 70.7 106.1

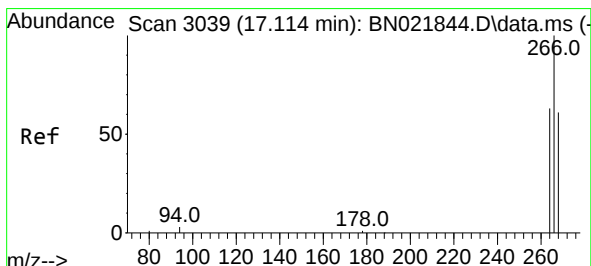
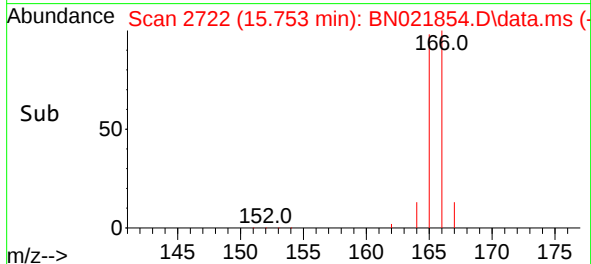
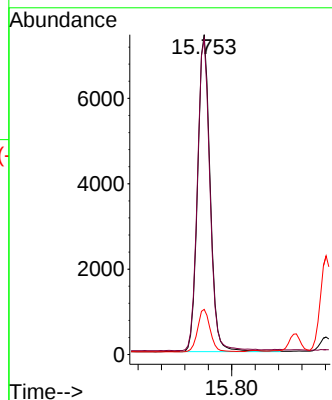
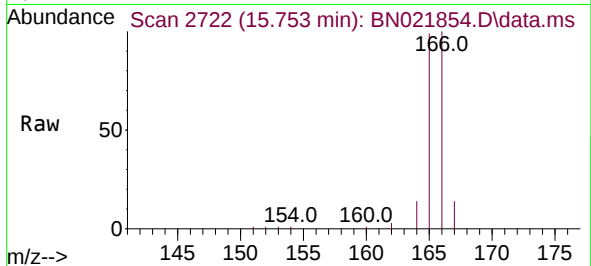




#12
Fluorene
Concen: 0.300 ng/ul
RT: 15.753 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN021854.D
Acq: 21 Sep 2022 23:04

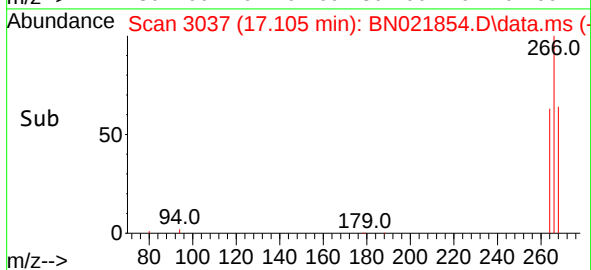
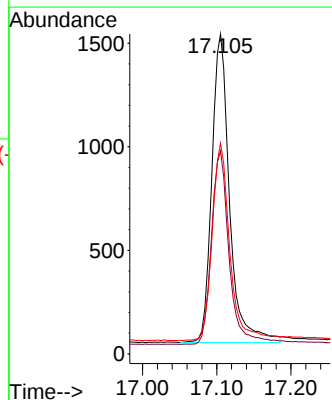
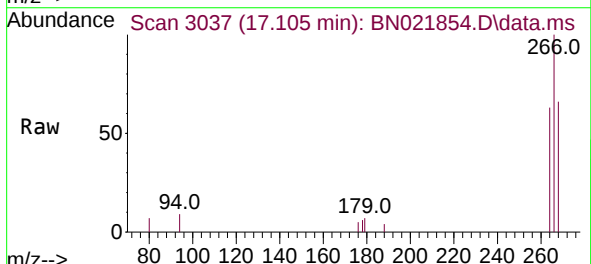
Instrument :
BNA_N
ClientSampleId :
EXZ32MSD

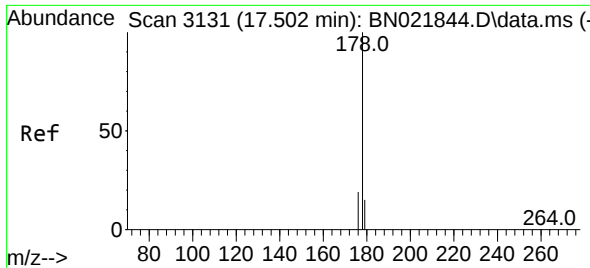
Tgt Ion:166 Resp: 10951
Ion Ratio Lower Upper
166 100
165 98.6 78.6 117.8
167 14.1 11.8 17.6



#14
Pentachlorophenol
Concen: 0.774 ng/ul
RT: 17.105 min Scan# 3037
Delta R.T. -0.004 min
Lab File: BN021854.D
Acq: 21 Sep 2022 23:04

Tgt Ion:266 Resp: 2478
Ion Ratio Lower Upper
266 100
264 62.7 49.8 74.8
268 63.7 50.6 75.8

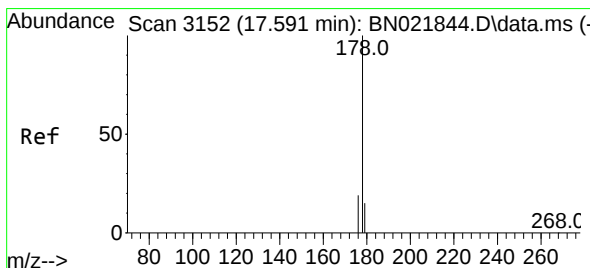
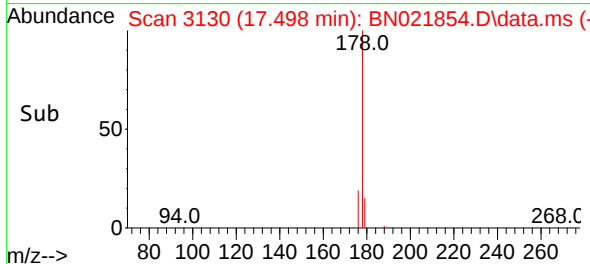
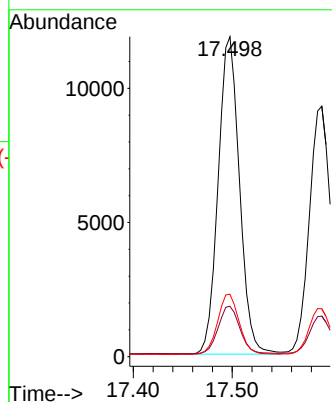
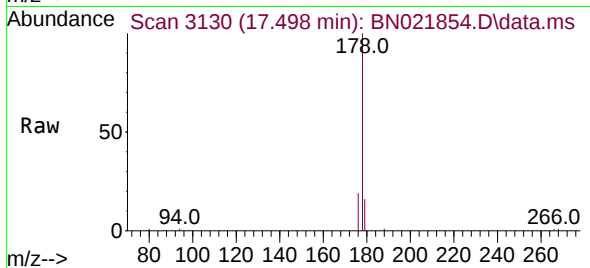




#15
Phenanthrene
Concen: 0.340 ng/ul
RT: 17.498 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN021854.D
Acq: 21 Sep 2022 23:04

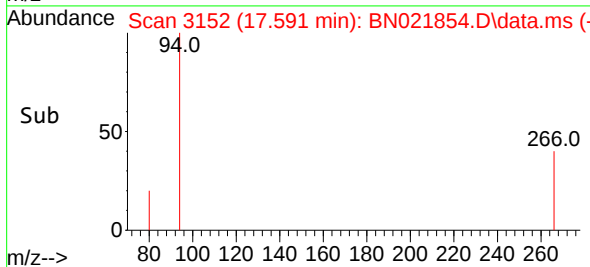
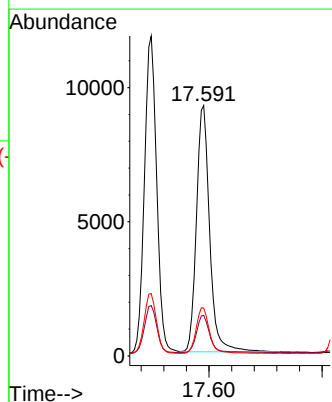
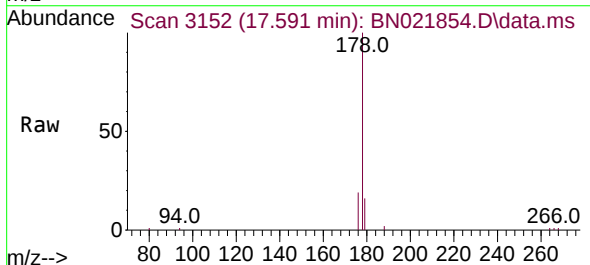
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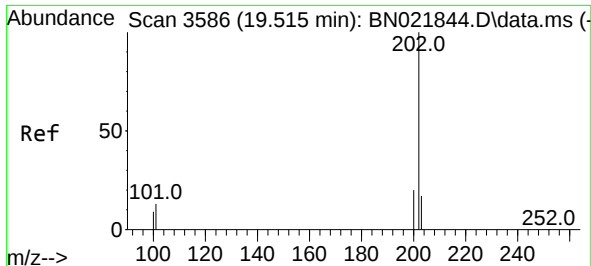
Tgt Ion:178 Resp: 17729
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 19.5 15.9 23.9



#16
Anthracene
Concen: 0.342 ng/ul
RT: 17.591 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BN021854.D
Acq: 21 Sep 2022 23:04

Tgt Ion:178 Resp: 14801
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.1 15.9 23.9

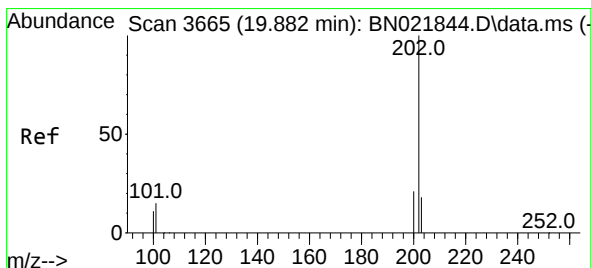
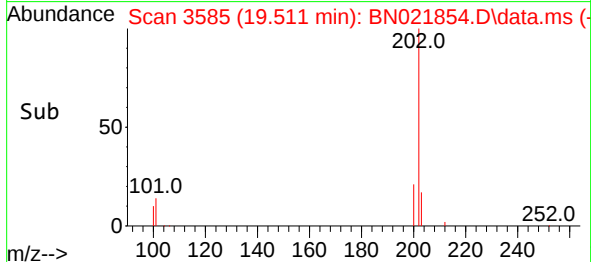
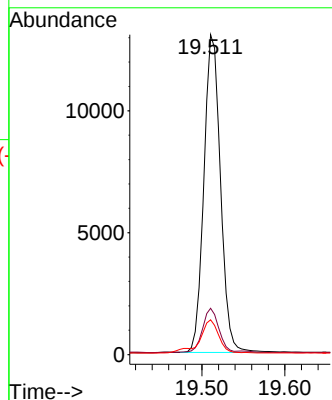
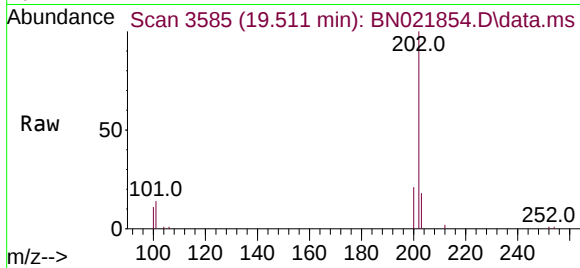




#19
Fluoranthene
Concen: 0.393 ng/ul
RT: 19.511 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN021854.D
Acq: 21 Sep 2022 23:04

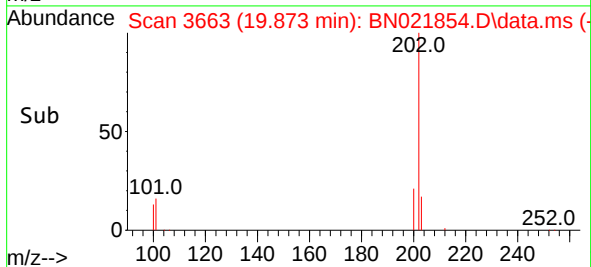
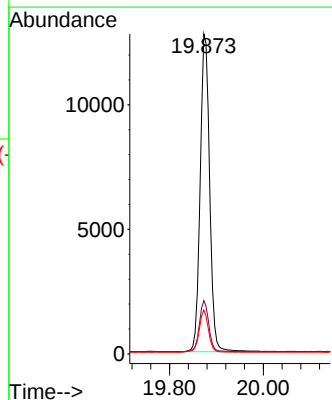
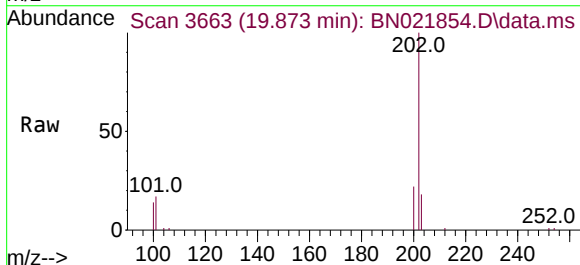
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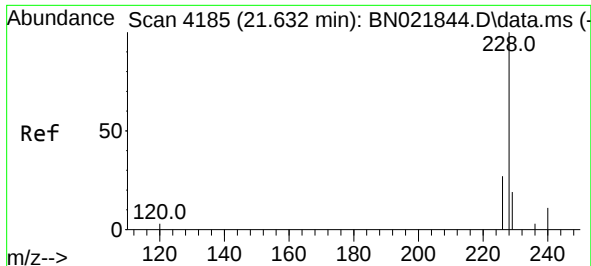
Tgt Ion:202 Resp: 18097
Ion Ratio Lower Upper
202 100
101 14.5 10.0 15.0
100 10.9 8.0 12.0



#20
Pyrene
Concen: 0.394 ng/ul
RT: 19.873 min Scan# 3663
Delta R.T. -0.005 min
Lab File: BN021854.D
Acq: 21 Sep 2022 23:04

Tgt Ion:202 Resp: 17883
Ion Ratio Lower Upper
202 100
101 16.6 11.3 16.9
100 13.7 9.0 13.4#

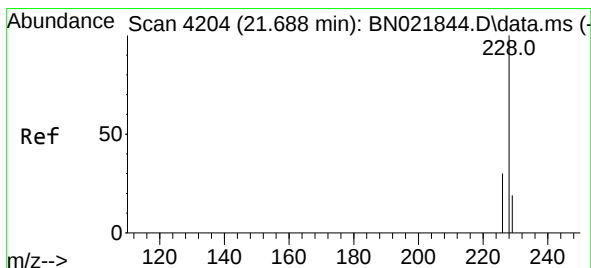
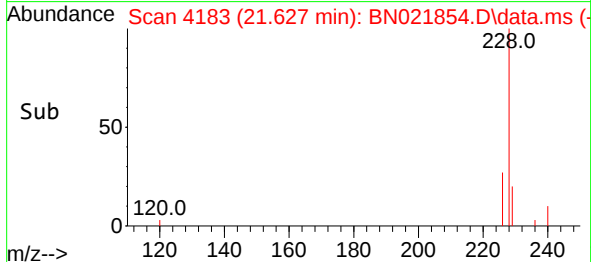
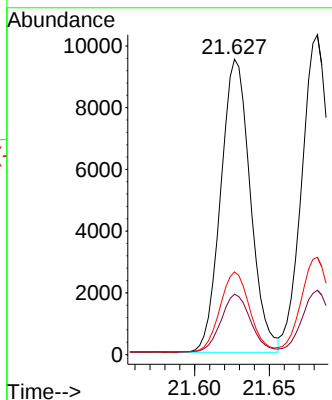
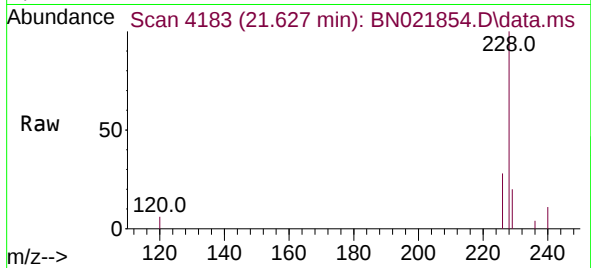




#21
Benzo(a)anthracene
Concen: 0.397 ng/ul
RT: 21.627 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BN021854.D
Acq: 21 Sep 2022 23:04

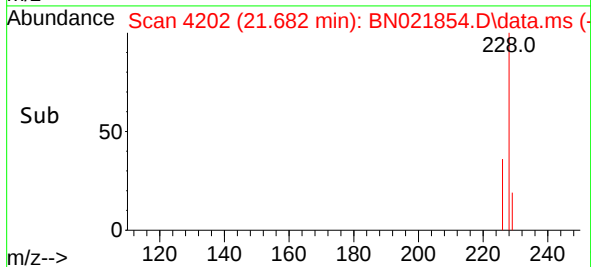
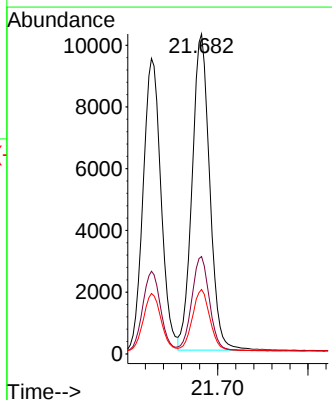
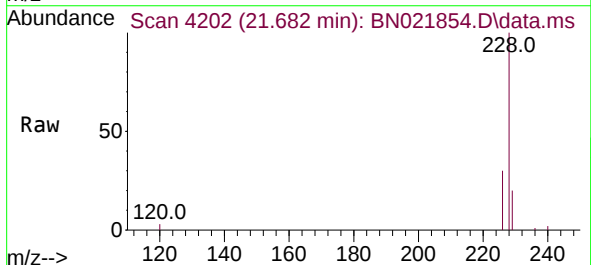
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ClientSampleId :
EXZ32MSD

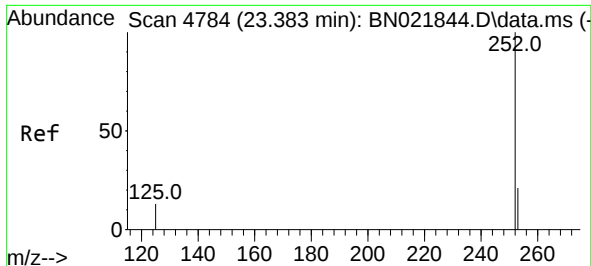
Tgt Ion:228 Resp: 13105
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 28.0 21.9 32.9



#22
Chrysene
Concen: 0.384 ng/ul
RT: 21.682 min Scan# 4202
Delta R.T. -0.003 min
Lab File: BN021854.D
Acq: 21 Sep 2022 23:04

Tgt Ion:228 Resp: 13826
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 20.1 15.8 23.8

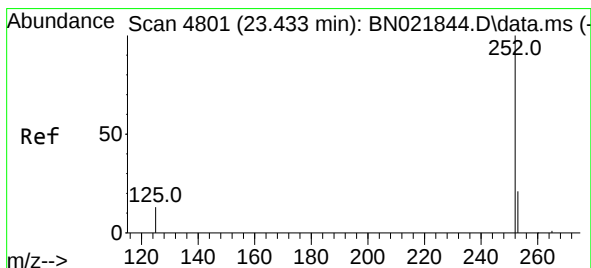
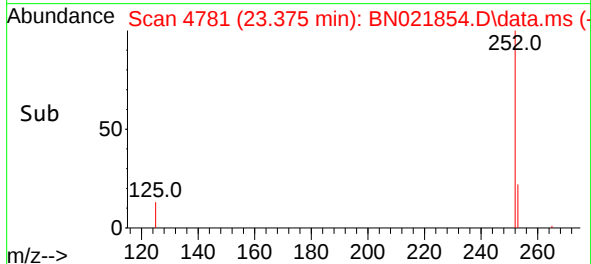
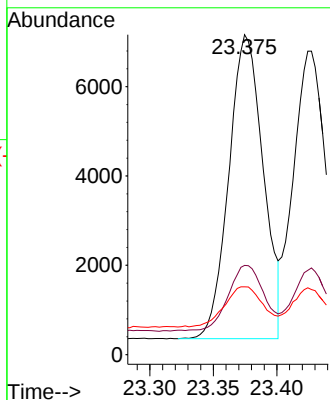
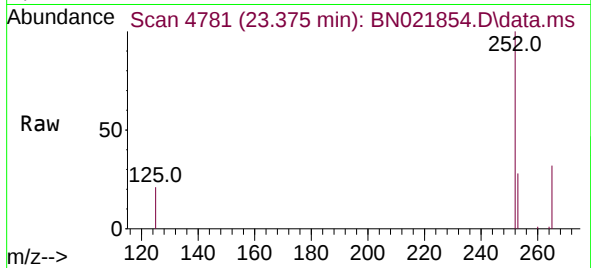




#24
Benzo(b)fluoranthene
Concen: 0.333 ng/ul
RT: 23.375 min Scan# 4781
Delta R.T. -0.006 min
Lab File: BN021854.D
Acq: 21 Sep 2022 23:04

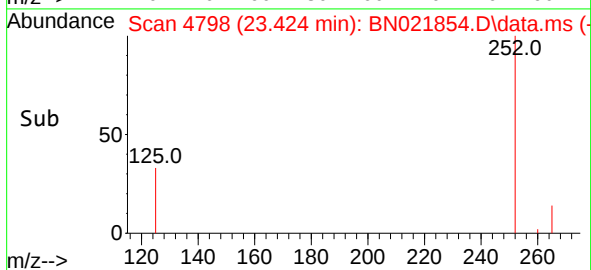
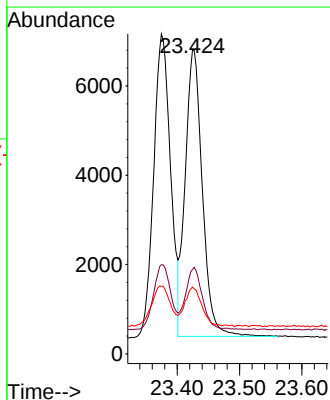
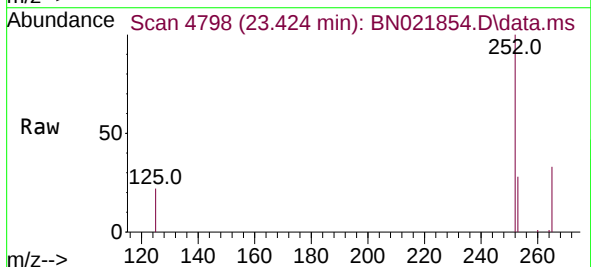
Instrument :
BNA_N
ClientSampleId :
EXZ32MSD

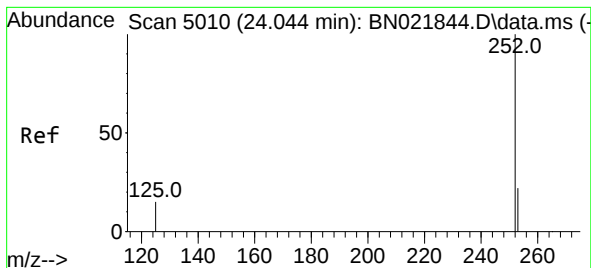
Tgt Ion:252 Resp: 12813
Ion Ratio Lower Upper
252 100
253 27.9 0.0 50.8
125 21.2 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.330 ng/ul
RT: 23.424 min Scan# 4798
Delta R.T. -0.006 min
Lab File: BN021854.D
Acq: 21 Sep 2022 23:04

Tgt Ion:252 Resp: 12306
Ion Ratio Lower Upper
252 100
253 27.8 20.6 31.0
125 22.0 11.8 17.6#





#26

Benzo(a)pyrene

Concen: 0.396 ng/ul

RT: 24.032 min Scan# 5010

Delta R.T. -0.009 min

Lab File: BN021854.D

Acq: 21 Sep 2022 23:04

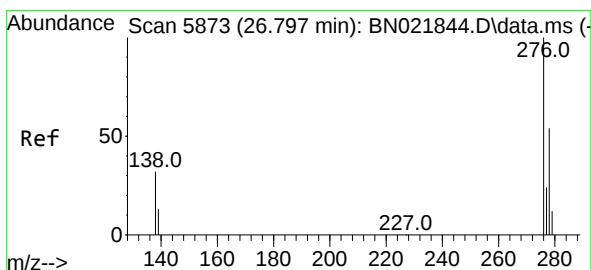
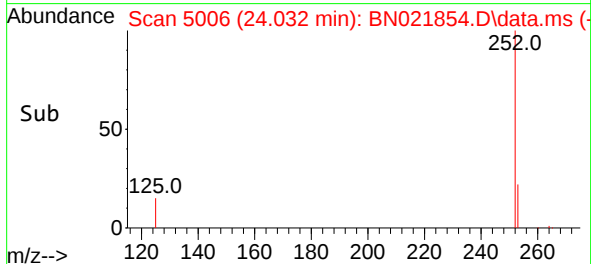
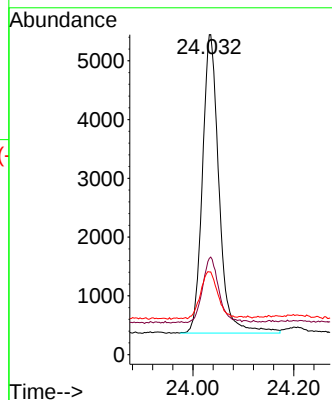
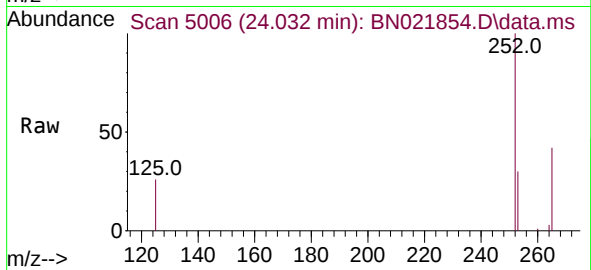
Instrument :

BNA_N

ClientSampleId :

EXZ32MSD

Tgt Ion:	252	Resp:	11558
Ion Ratio	Lower	Upper	
252	100		
253	30.1	22.1	33.1
125	25.8	14.7	22.1#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.402 ng/ul

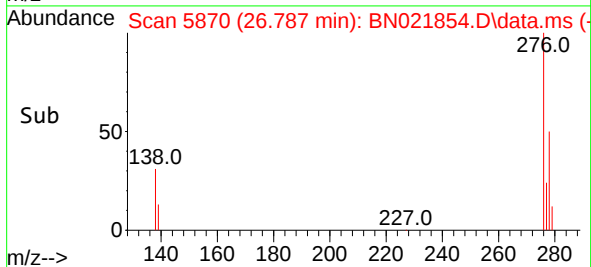
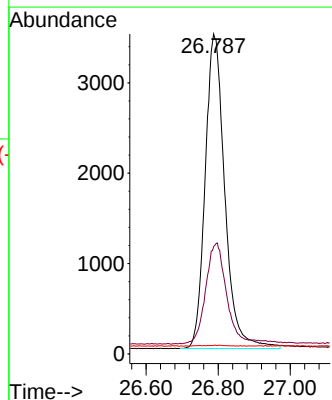
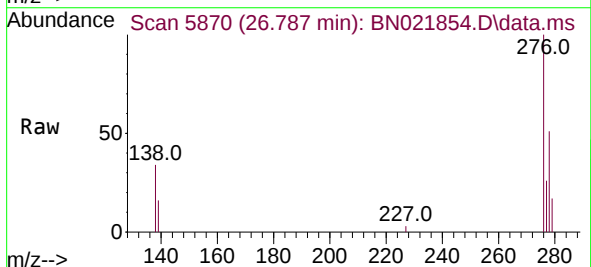
RT: 26.787 min Scan# 5870

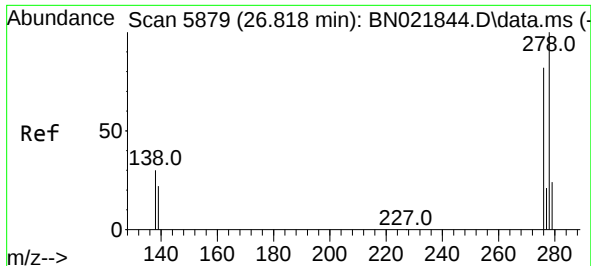
Delta R.T. -0.003 min

Lab File: BN021854.D

Acq: 21 Sep 2022 23:04

Tgt Ion:	276	Resp:	13189
Ion Ratio	Lower	Upper	
276	100		
138	34.3	26.1	39.1
227	0.2	0.1	0.1#

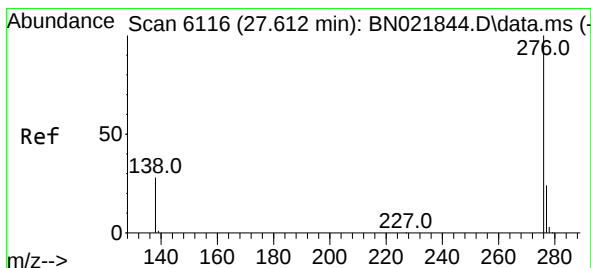
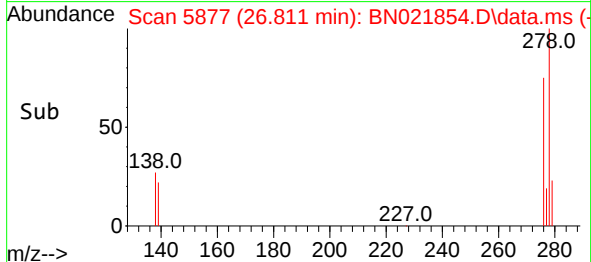
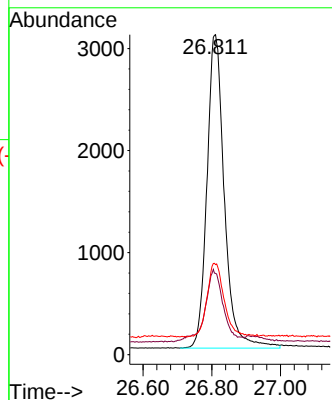
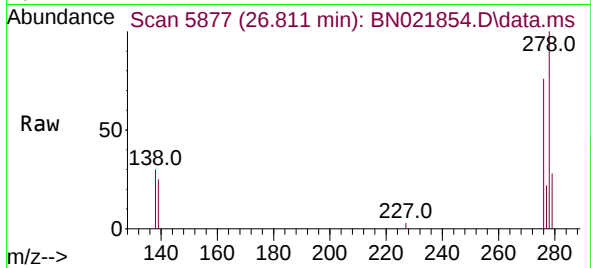




#28
 Dibenzo(a,h)anthracene
 Concen: 0.388 ng/ul
 RT: 26.811 min Scan# 5879
 Delta R.T. -0.007 min
 Lab File: BN021854.D
 Acq: 21 Sep 2022 23:04

Instrument :
 BNA_N
 ClientSampleId :
 EXZ32MSD

Tgt Ion:278 Resp: 10807
 Ion Ratio Lower Upper
 278 100
 139 25.4 18.3 27.5
 279 28.1 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.388 ng/ul
 RT: 27.599 min Scan# 6112
 Delta R.T. -0.010 min
 Lab File: BN021854.D
 Acq: 21 Sep 2022 23:04

Tgt Ion:276 Resp: 11741
 Ion Ratio Lower Upper
 276 100
 138 31.5 22.6 34.0
 277 26.0 20.2 30.2

