

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122121\
 Data File : BN018137.D
 Acq On : 21 Dec 2021 21:47
 Operator : CG/JU
 Sample : SST0.853
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8204

Quant Time: Dec 22 03:06:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 03:03:54 2021
 Response via : Initial Calibration

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

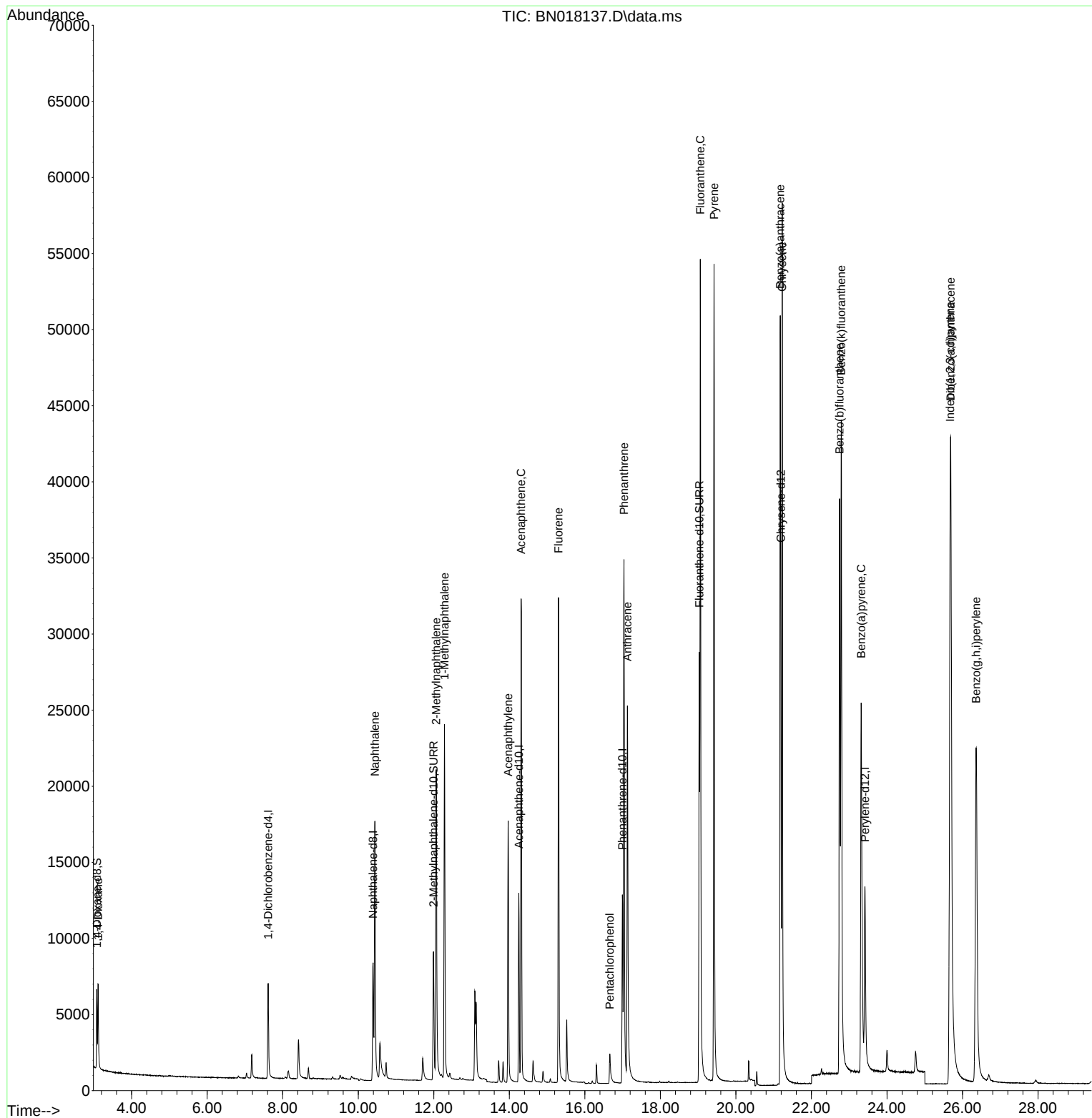
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	3893	0.400	ng/ul	0.00
4) Naphthalene-d8	10.392	136	11781	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.253	164	7065	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.994	188	15516	0.400	ng/ul	0.00
17) Chrysene-d12	21.187	240	17273	0.400	ng/ul	0.00
23) Perylene-d12	23.417	264	16690	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.080	96	3241	0.802	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	12938	0.942	ng/ul	0.00
18) Fluoranthene-d10	19.030	212	35038	0.712	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.113	88	3811	0.803	ng/ul	97
5) Naphthalene	10.442	128	26078	0.808	ng/ul	99
7) 2-Methylnaphthalene	12.064	142	17161	0.946	ng/ul	100
8) 1-Methylnaphthalene	12.284	142	17596	0.835	ng/ul	100
10) Acenaphthylene	13.970	152	21943	0.767	ng/ul	99
11) Acenaphthene	14.313	153	19330	0.760	ng/ul	100
12) Fluorene	15.303	166	22415	0.799	ng/ul	99
14) Pentachlorophenol	16.660	266	2018	0.743	ng/ul	98
15) Phenanthrene	17.036	178	39869	0.741	ng/ul	100
16) Anthracene	17.129	178	32695	0.772	ng/ul	99
19) Fluoranthene	19.058	202	50679	0.728	ng/ul	100
20) Pyrene	19.421	202	51488	0.661	ng/ul	99
21) Benzo(a)anthracene	21.172	228	44028	0.857	ng/ul	99
22) Chrysene	21.225	228	55029	0.746	ng/ul	100
24) Benzo(b)fluoranthene	22.745	252	51080	0.766	ng/ul	99
25) Benzo(k)fluoranthene	22.788	252	63703	0.716	ng/ul	99
26) Benzo(a)pyrene	23.318	252	47022	0.730	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.675	276	67883	0.936	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.689	278	51889	0.978	ng/ul	97
29) Benzo(g,h,i)perylene	26.363	276	55262	0.889	ng/ul	98

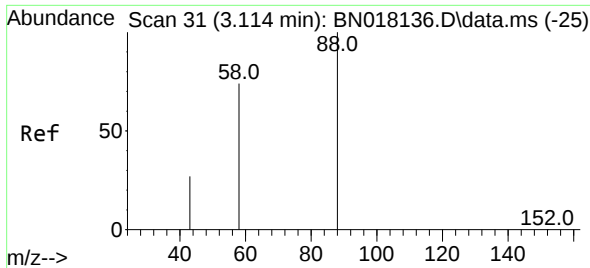
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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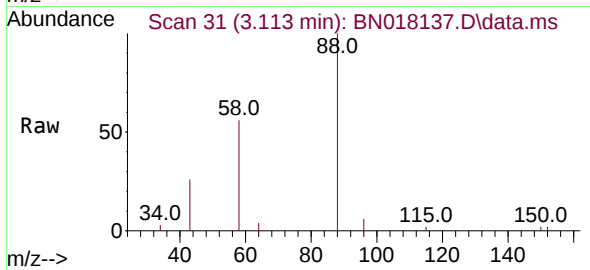
Quant Time: Dec 22 03:06:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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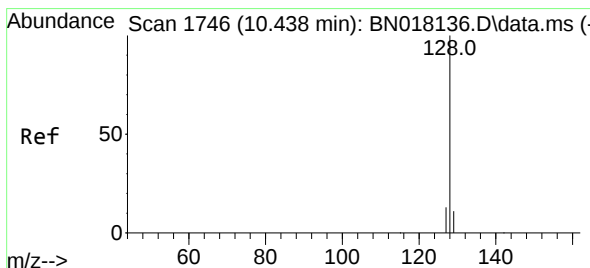
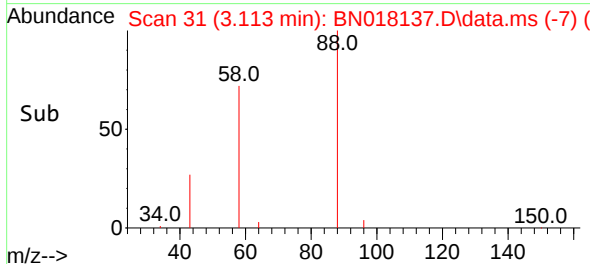
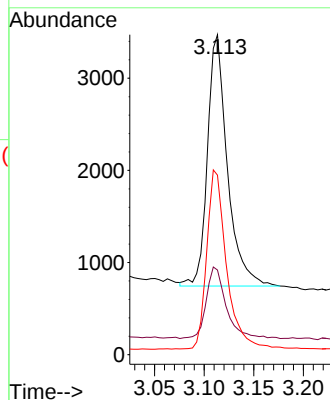


#2
1,4-Dioxane
Concen: 0.803 ng/ul
RT: 3.113 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN018137.D
Acq: 21 Dec 2021 21:47

Instrument :
BNA_N
ClientSampleId :
SSTD0.8204

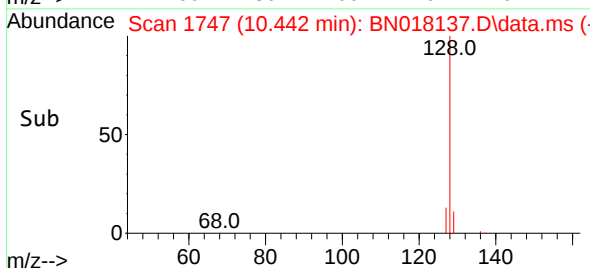
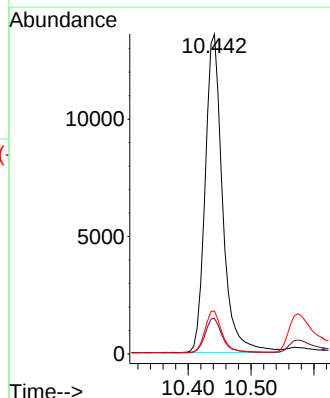
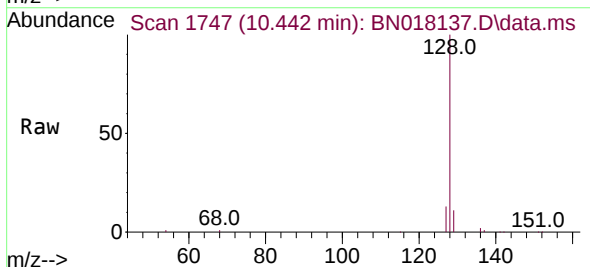


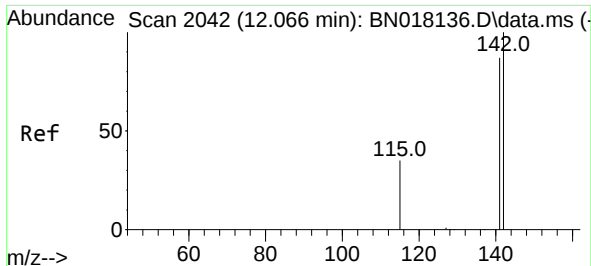
Tgt Ion: 88 Resp: 3811
Ion Ratio Lower Upper
88 100
43 26.5 24.6 36.8
58 56.1 45.2 67.8



#5
Naphthalene
Concen: 0.808 ng/ul
RT: 10.442 min Scan# 1747
Delta R.T. 0.004 min
Lab File: BN018137.D
Acq: 21 Dec 2021 21:47

Tgt Ion:128 Resp: 26078
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.4 11.1 16.7

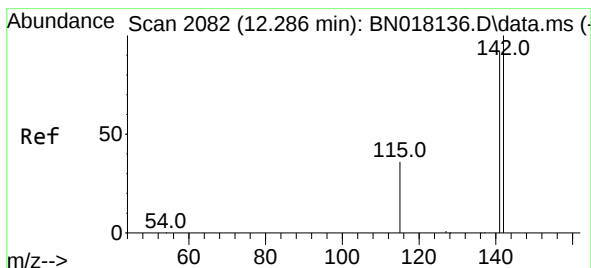
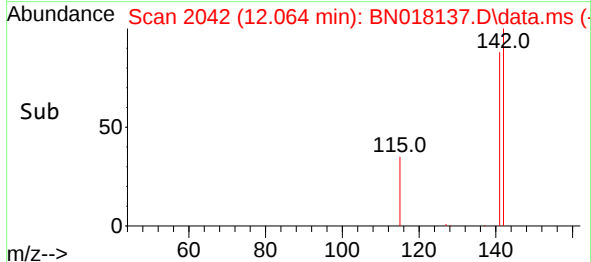
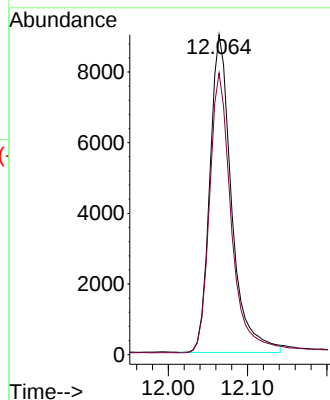
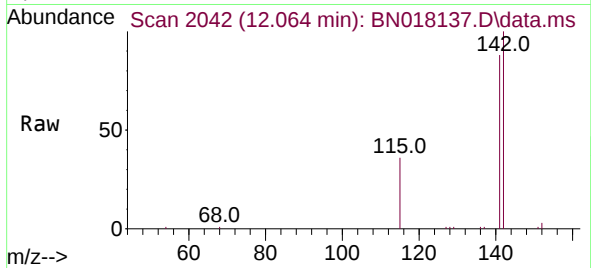




#7
2-Methylnaphthalene
Concen: 0.946 ng/ul
RT: 12.064 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BN018137.D
Acq: 21 Dec 2021 21:47

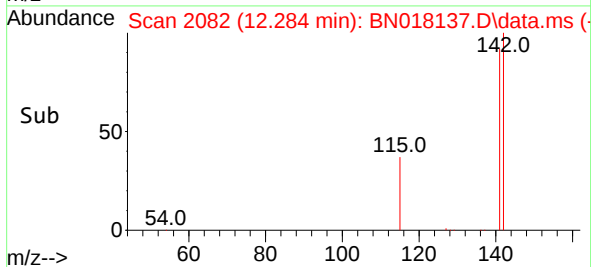
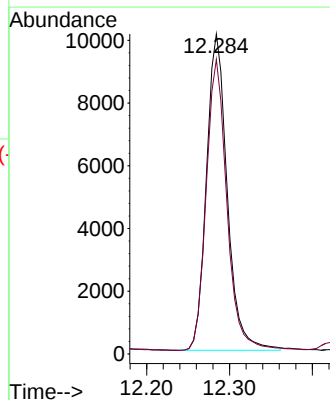
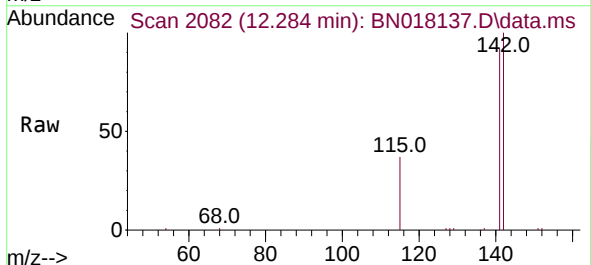
Instrument :
BNA_N
ClientSampleId :
SSTD0.8204

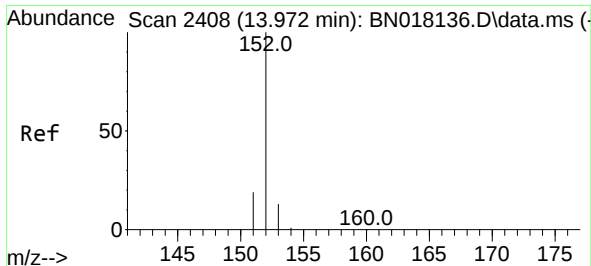
Tgt Ion:142 Resp: 17161
Ion Ratio Lower Upper
142 100
141 88.0 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.835 ng/ul
RT: 12.284 min Scan# 2082
Delta R.T. -0.002 min
Lab File: BN018137.D
Acq: 21 Dec 2021 21:47

Tgt Ion:142 Resp: 17596
Ion Ratio Lower Upper
142 100
141 91.7 73.2 109.8

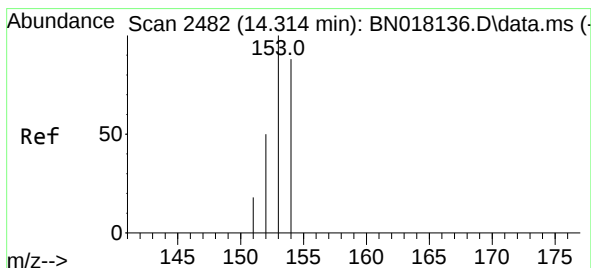
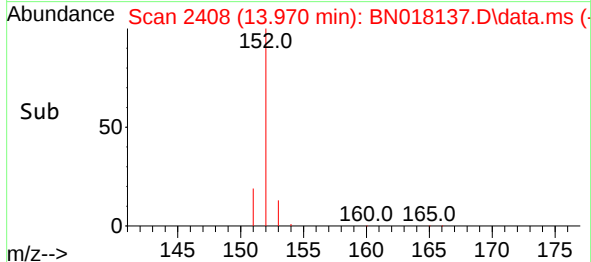
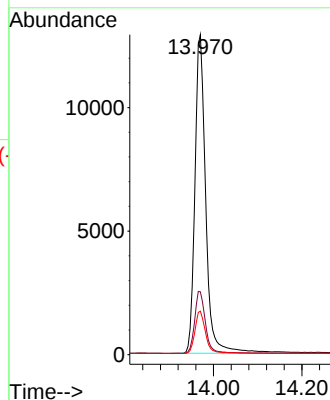
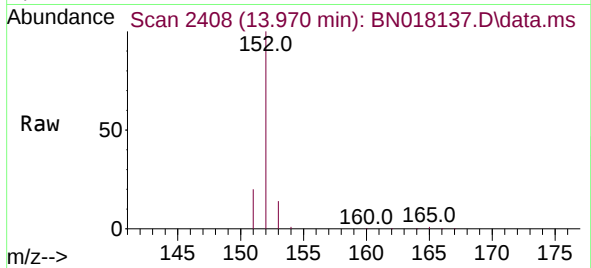




#10
Acenaphthylene
Concen: 0.767 ng/ul
RT: 13.970 min Scan# 2408
Delta R.T. -0.002 min
Lab File: BN018137.D
Acq: 21 Dec 2021 21:47

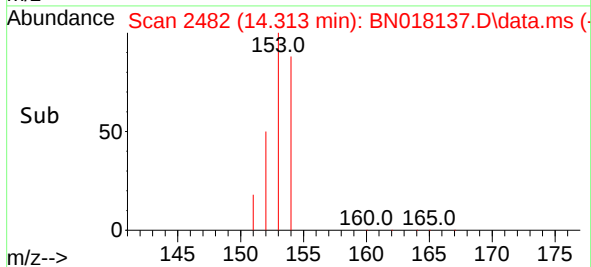
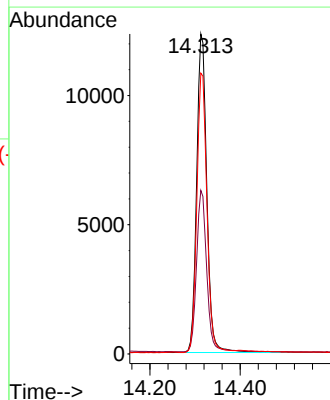
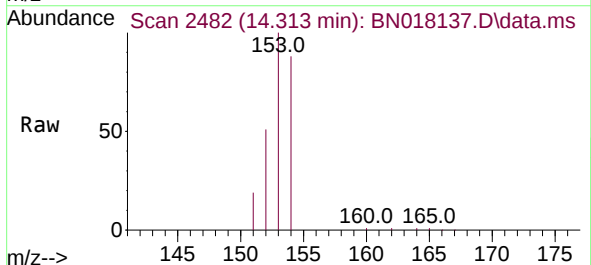
Instrument :
BNA_N
ClientSampleId :
SSTD0.8204

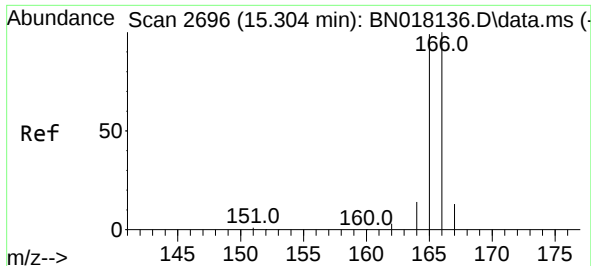
Tgt Ion:152 Resp: 21943
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 13.6 11.0 16.4



#11
Acenaphthene
Concen: 0.760 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.002 min
Lab File: BN018137.D
Acq: 21 Dec 2021 21:47

Tgt Ion:153 Resp: 19330
Ion Ratio Lower Upper
153 100
152 51.1 40.8 61.2
154 87.7 70.3 105.5

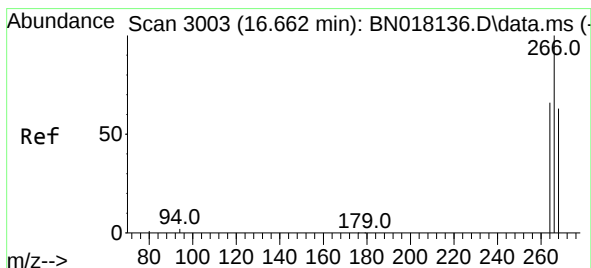
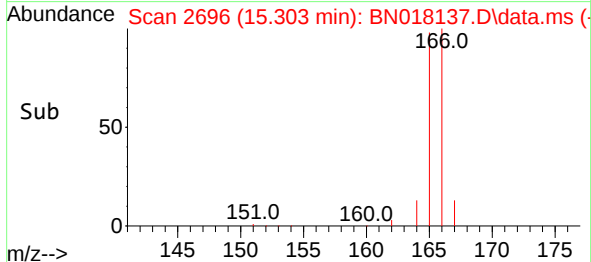
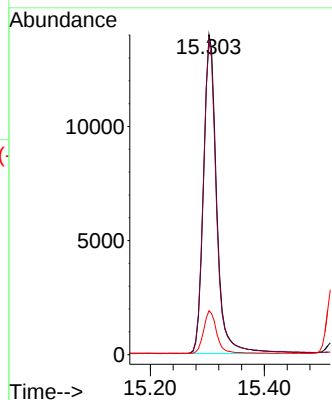
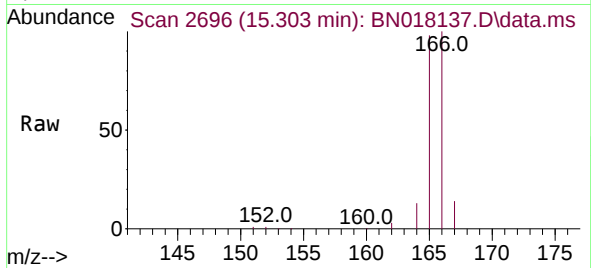




#12
Fluorene
Concen: 0.799 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.002 min
Lab File: BN018137.D
Acq: 21 Dec 2021 21:47

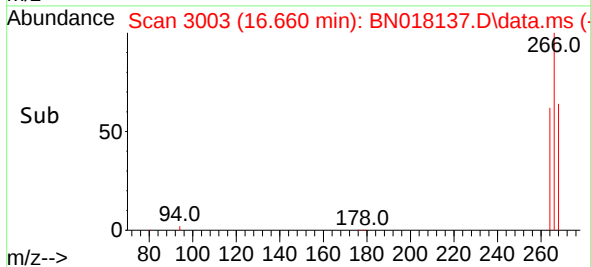
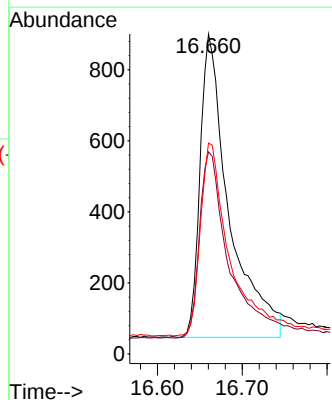
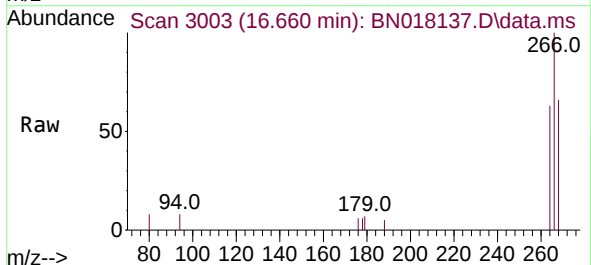
Instrument :
BNA_N
ClientSampleId :
SSTD0.8204

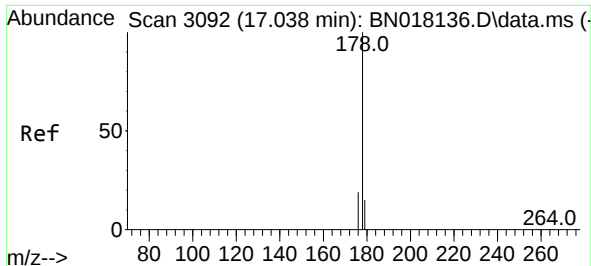
Tgt Ion:166 Resp: 22415
Ion Ratio Lower Upper
166 100
165 98.1 79.2 118.8
167 13.7 11.1 16.7



#14
Pentachlorophenol
Concen: 0.743 ng/ul
RT: 16.660 min Scan# 3003
Delta R.T. -0.002 min
Lab File: BN018137.D
Acq: 21 Dec 2021 21:47

Tgt Ion:266 Resp: 2018
Ion Ratio Lower Upper
266 100
264 62.7 51.9 77.9
268 63.8 51.8 77.6

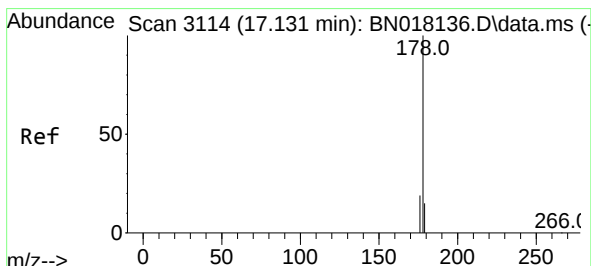
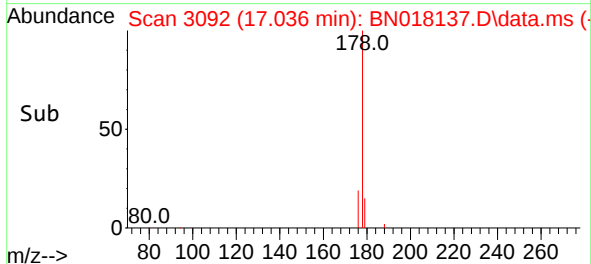
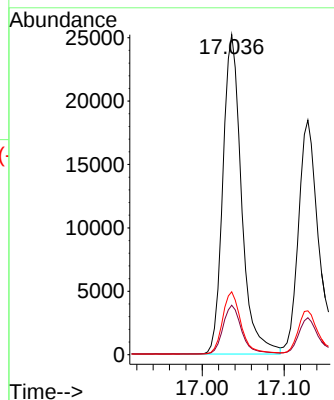
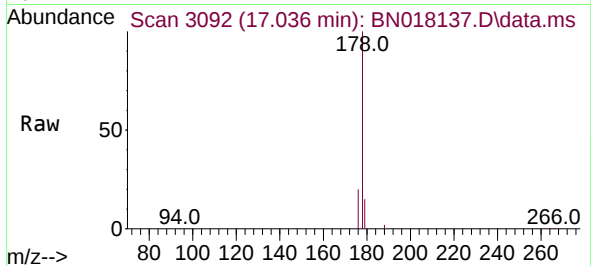




#15
Phenanthrene
Concen: 0.741 ng/ul
RT: 17.036 min Scan# 3092
Delta R.T. -0.002 min
Lab File: BN018137.D
Acq: 21 Dec 2021 21:47

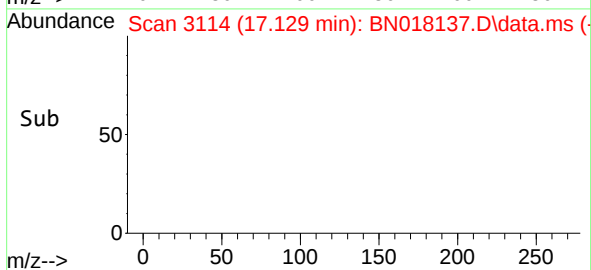
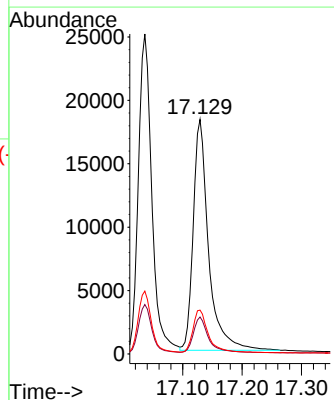
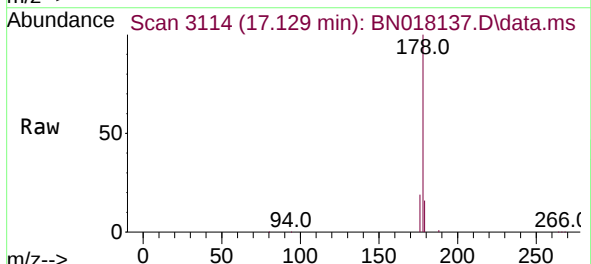
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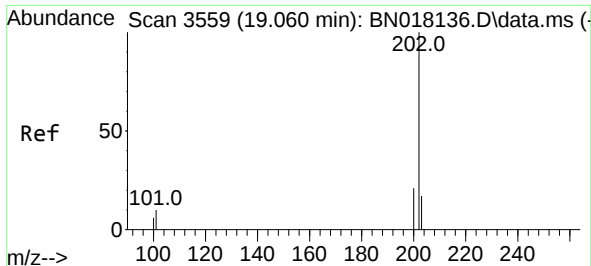
Tgt Ion:178	Resp:	39869
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.4 18.6
176	19.6	15.5 23.3



#16
Anthracene
Concen: 0.772 ng/ul
RT: 17.129 min Scan# 3114
Delta R.T. -0.002 min
Lab File: BN018137.D
Acq: 21 Dec 2021 21:47

Tgt Ion:178	Resp:	32695
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.7 19.1
176	18.7	15.3 22.9

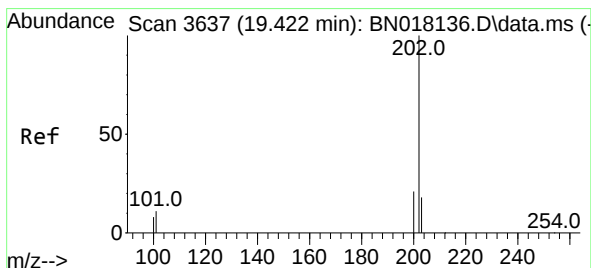
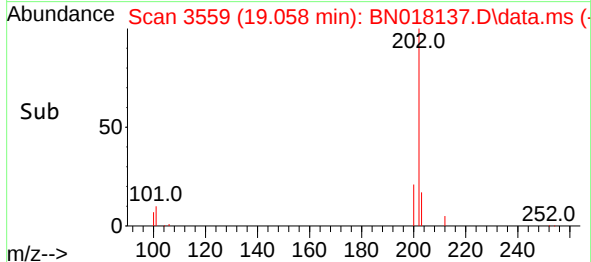
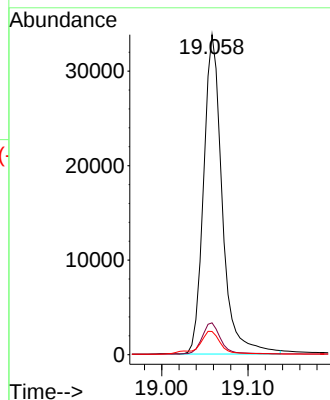
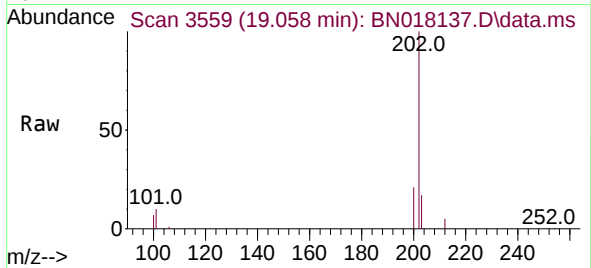




#19
Fluoranthene
Concen: 0.728 ng/ul
RT: 19.058 min Scan# 3559
Delta R.T. -0.002 min
Lab File: BN018137.D
Acq: 21 Dec 2021 21:47

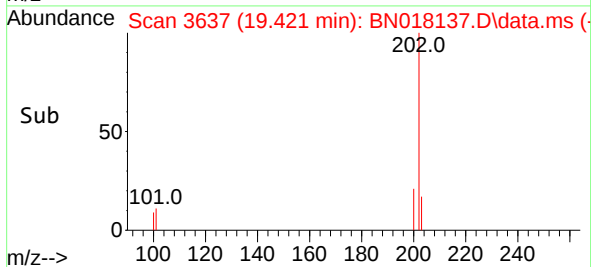
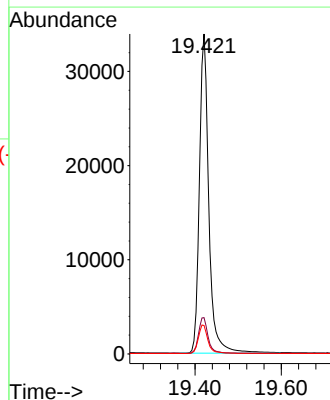
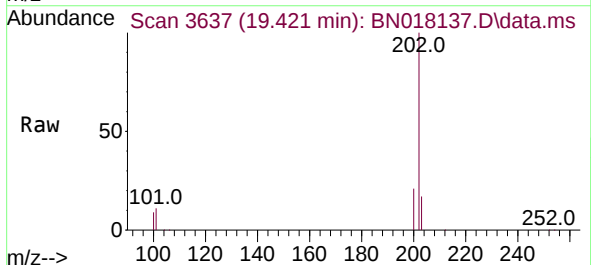
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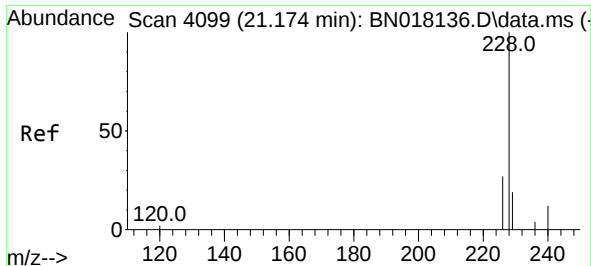
Tgt Ion:202 Resp: 50679
Ion Ratio Lower Upper
202 100
101 9.9 7.9 11.9
100 7.3 5.8 8.8



#20
Pyrene
Concen: 0.661 ng/ul
RT: 19.421 min Scan# 3637
Delta R.T. -0.002 min
Lab File: BN018137.D
Acq: 21 Dec 2021 21:47

Tgt Ion:202 Resp: 51488
Ion Ratio Lower Upper
202 100
101 11.4 8.9 13.3
100 8.9 7.0 10.4

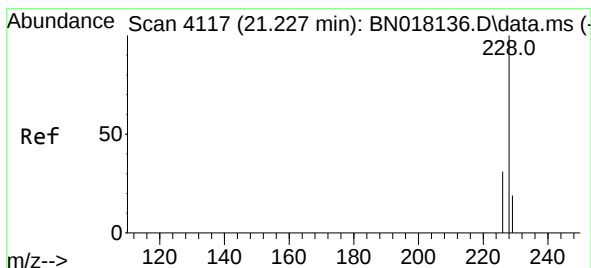
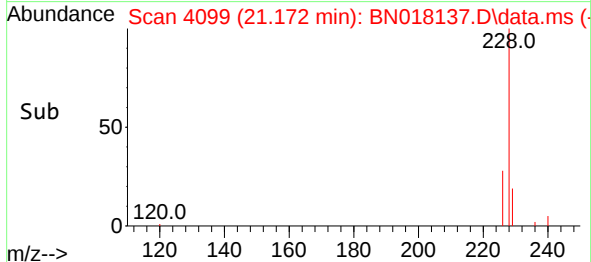
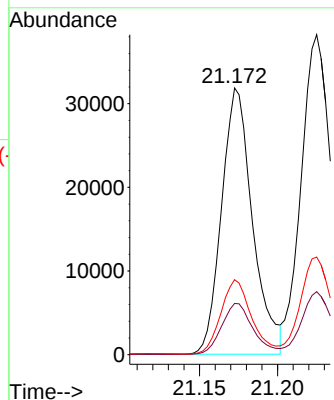
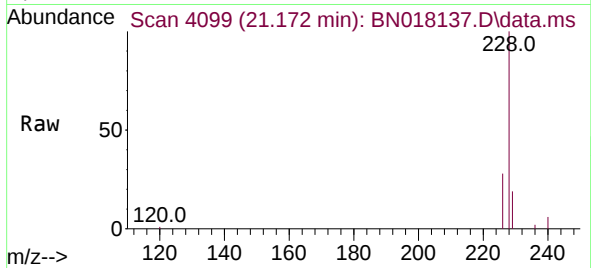




#21
Benzo(a)anthracene
Concen: 0.857 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. -0.002 min
Lab File: BN018137.D
Acq: 21 Dec 2021 21:47

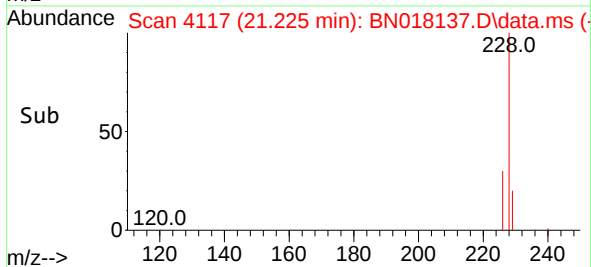
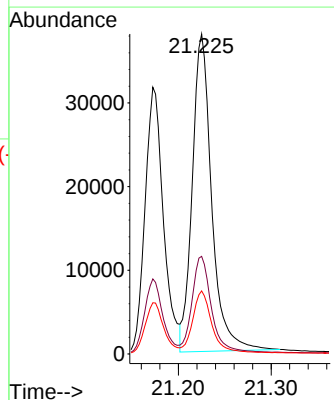
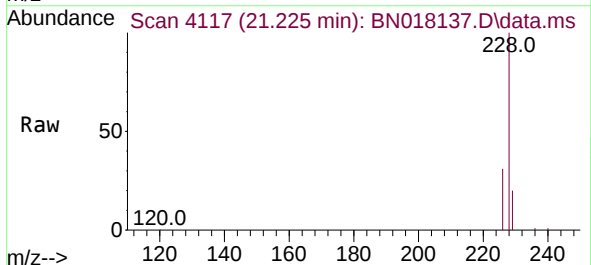
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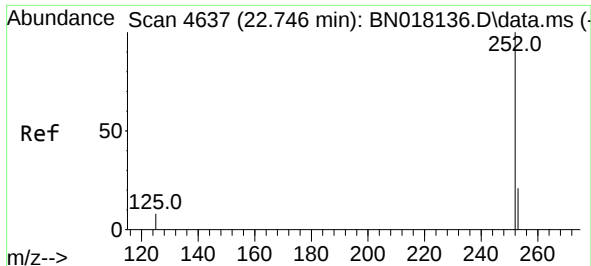
Tgt Ion:228 Resp: 44028
Ion Ratio Lower Upper
228 100
229 19.2 15.3 22.9
226 28.2 22.1 33.1



#22
Chrysene
Concen: 0.746 ng/ul
RT: 21.225 min Scan# 4117
Delta R.T. -0.002 min
Lab File: BN018137.D
Acq: 21 Dec 2021 21:47

Tgt Ion:228 Resp: 55029
Ion Ratio Lower Upper
228 100
226 30.5 24.6 36.8
229 19.7 15.7 23.5

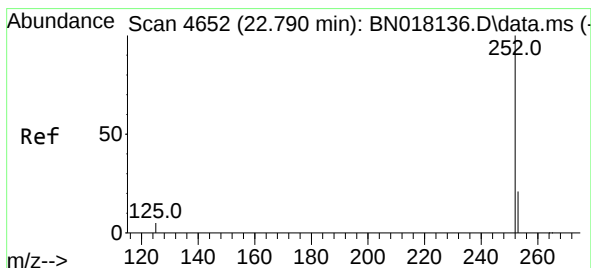
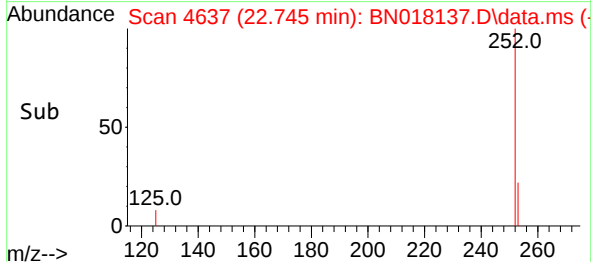
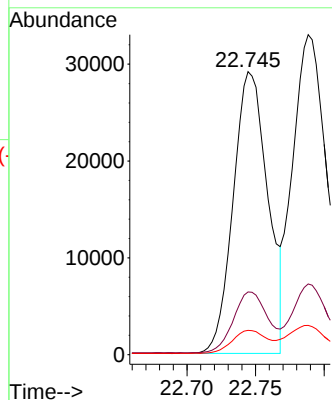
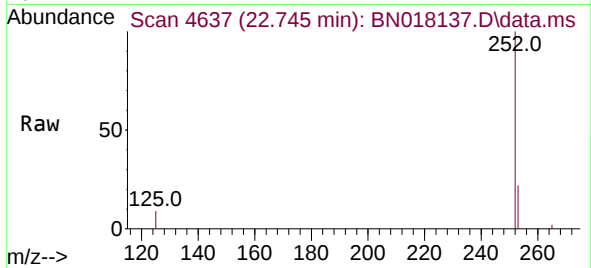




#24
Benzo(b)fluoranthene
Concen: 0.766 ng/ul
RT: 22.745 min Scan# 4637
Delta R.T. -0.002 min
Lab File: BN018137.D
Acq: 21 Dec 2021 21:47

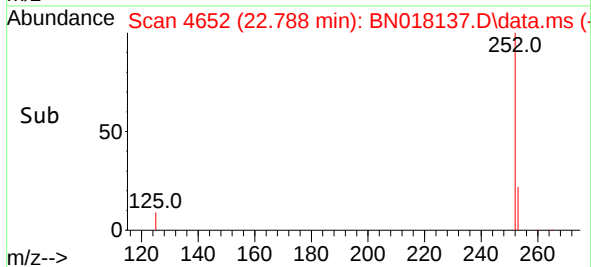
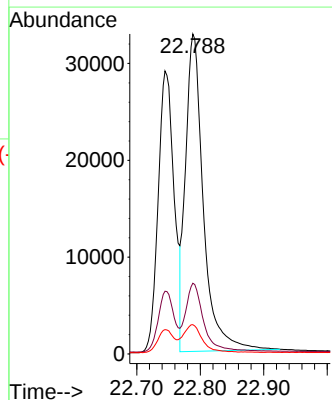
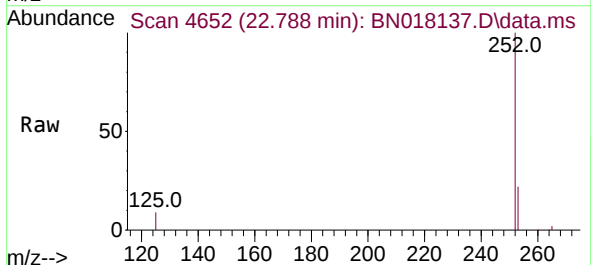
Instrument :
BNA_N
ClientSampleId :
SSTD0.8204

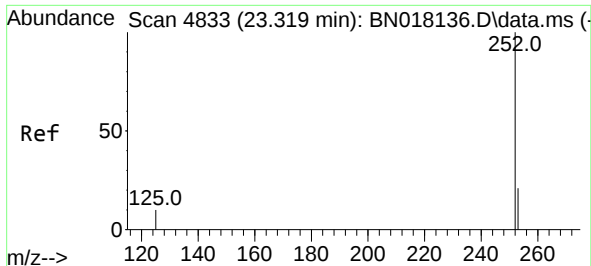
Tgt Ion:252 Resp: 51080
Ion Ratio Lower Upper
252 100
253 22.2 0.0 45.2
125 8.6 0.0 18.2



#25
Benzo(k)fluoranthene
Concen: 0.716 ng/ul
RT: 22.788 min Scan# 4652
Delta R.T. -0.002 min
Lab File: BN018137.D
Acq: 21 Dec 2021 21:47

Tgt Ion:252 Resp: 63703
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 9.2 7.7 11.5

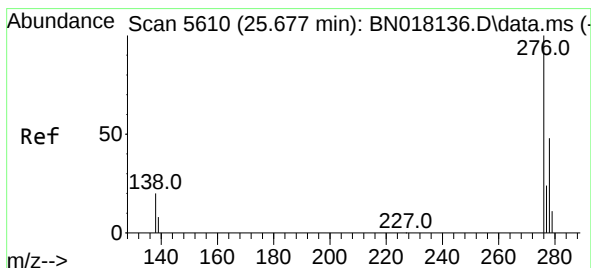
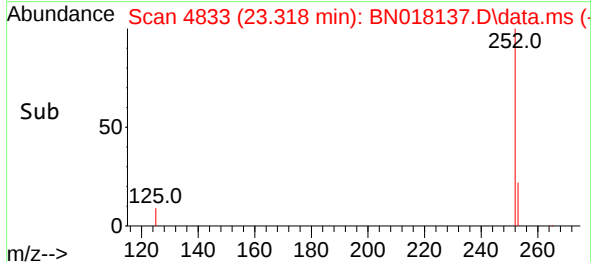
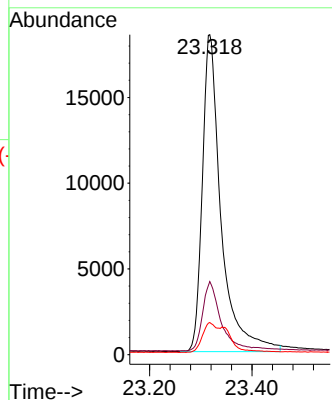
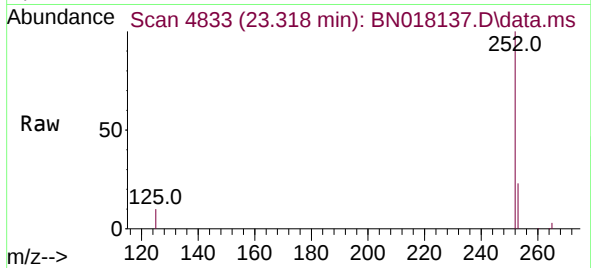




#26
Benzo(a)pyrene
Concen: 0.730 ng/ul
RT: 23.318 min Scan# 4833
Delta R.T. -0.002 min
Lab File: BN018137.D
Acq: 21 Dec 2021 21:47

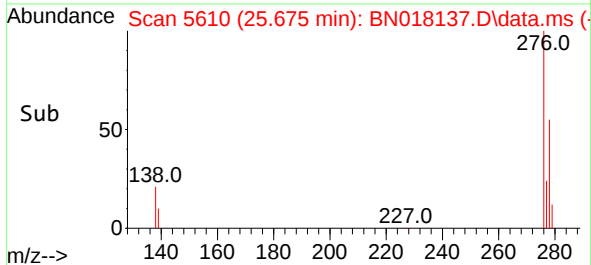
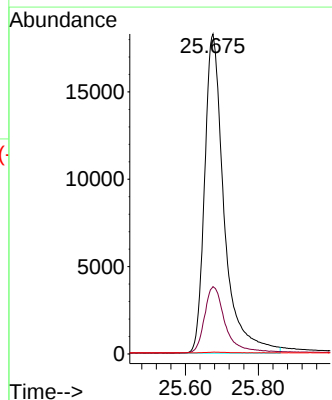
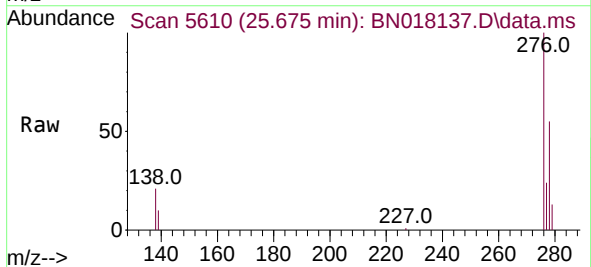
Instrument :
BNA_N
ClientSampleId :
SSTD0.8204

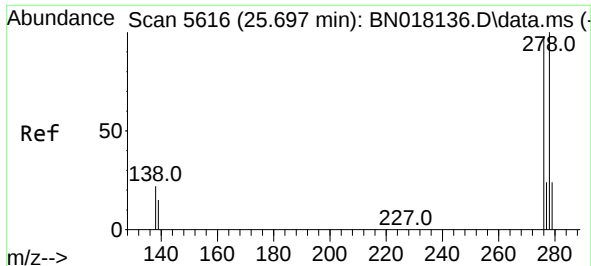
Tgt Ion:252 Resp: 47022
Ion Ratio Lower Upper
252 100
253 22.8 18.6 28.0
125 10.1 8.8 13.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.936 ng/ul
RT: 25.675 min Scan# 5610
Delta R.T. -0.002 min
Lab File: BN018137.D
Acq: 21 Dec 2021 21:47

Tgt Ion:276 Resp: 67883
Ion Ratio Lower Upper
276 100
138 22.2 17.7 26.5
227 0.2 0.1 0.1#

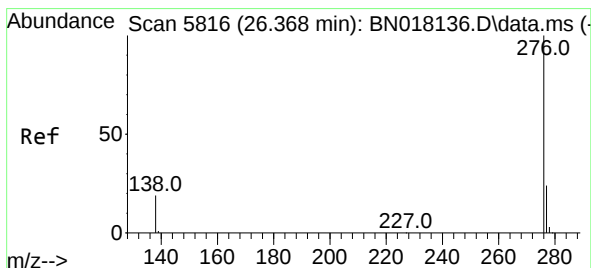
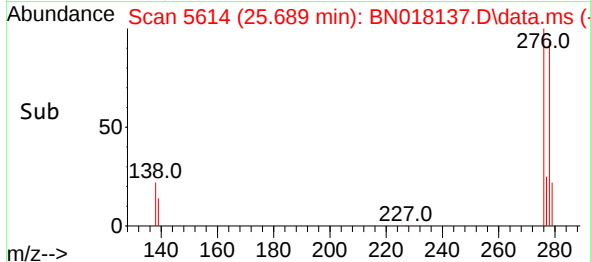
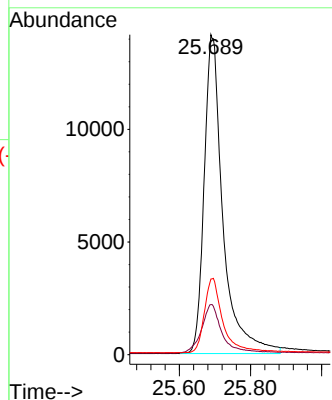
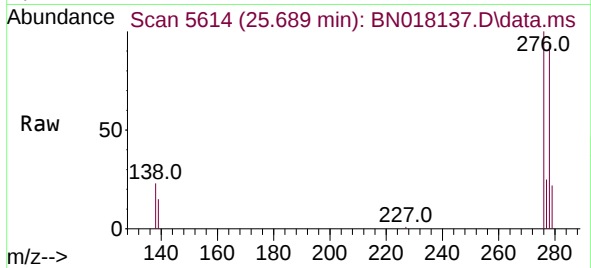




#28
 Dibenzo(a,h)anthracene
 Concen: 0.978 ng/ul
 RT: 25.689 min Scan# 51889
 Delta R.T. -0.008 min
 Lab File: BN018137.D
 Acq: 21 Dec 2021 21:47

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8204

Tgt Ion:278 Resp: 51889
 Ion Ratio Lower Upper
 278 100
 139 15.6 13.1 19.7
 279 23.6 20.6 31.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.889 ng/ul
 RT: 26.363 min Scan# 5815
 Delta R.T. -0.005 min
 Lab File: BN018137.D
 Acq: 21 Dec 2021 21:47

Tgt Ion:276 Resp: 55262
 Ion Ratio Lower Upper
 276 100
 138 19.2 15.8 23.8
 277 23.5 19.7 29.5

