

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
 Data File : BN019559.D
 Acq On : 28 Apr 2022 10:51
 Operator : CG/JU
 Sample : SSTD0.432
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4232

Quant Time: Apr 28 12:57:23 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 12:54:20 2022
 Response via : Initial Calibration

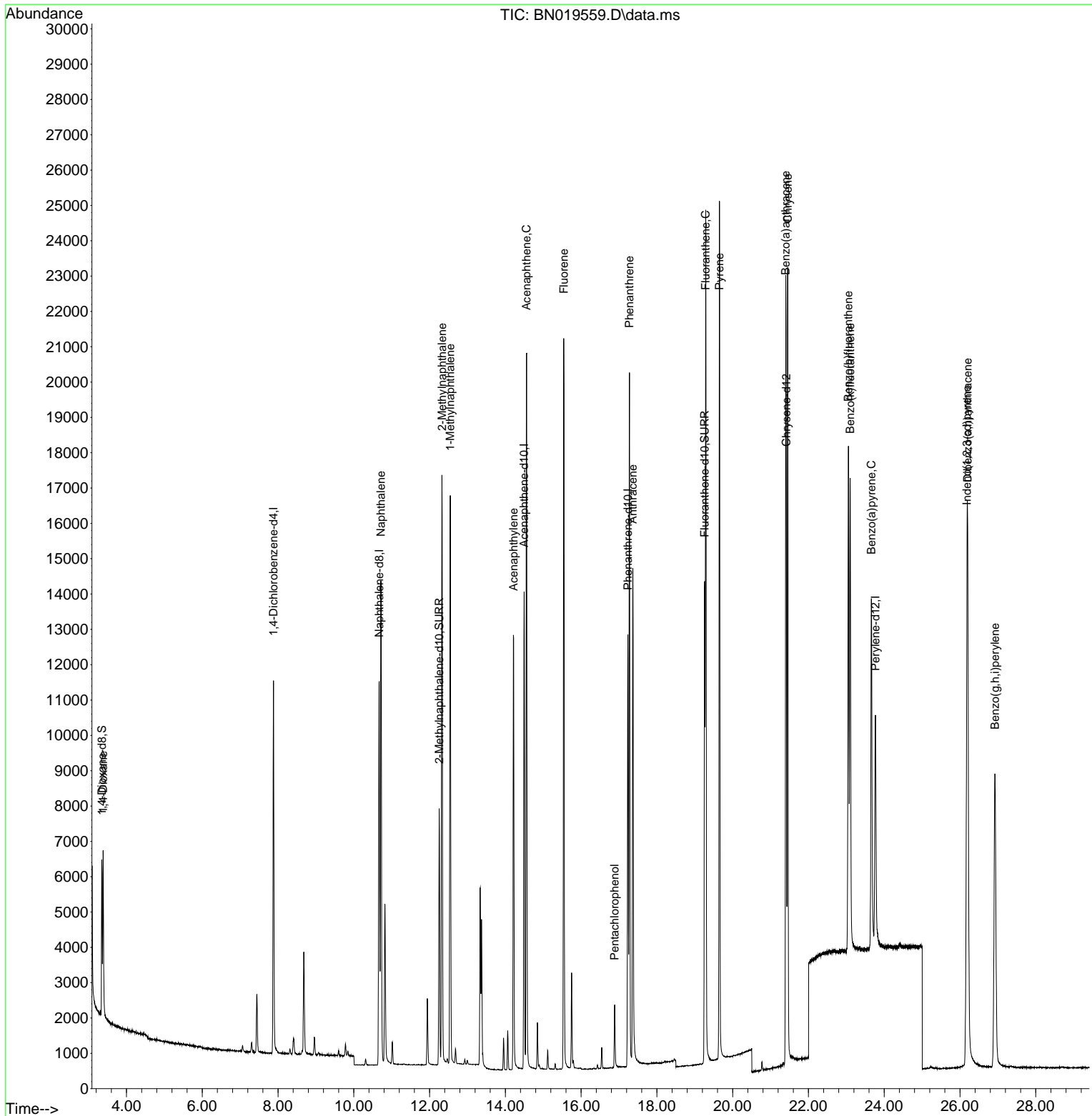
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	5712	0.400	ng/ul	0.00
4) Naphthalene-d8	10.671	136	15559	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.496	164	7805	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.233	188	14590	0.400	ng/ul	0.00
17) Chrysene-d12	21.418	240	11792	0.400	ng/ul	0.00
23) Perylene-d12	23.768	264	9578	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.349	96	2756	0.398	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	9710	0.465	ng/ul	0.00
18) Fluoranthene-d10	19.261	212	15691	0.326	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	2920	0.413	ng/ul#	81
5) Naphthalene	10.715	128	19800	0.448	ng/ul	99
7) 2-Methylnaphthalene	12.326	142	12023	0.437	ng/ul#	100
8) 1-Methylnaphthalene	12.546	142	11775	0.397	ng/ul#	100
10) Acenaphthylene	14.214	152	15209	0.529	ng/ul	99
11) Acenaphthene	14.556	153	12179	0.430	ng/ul	98
12) Fluorene	15.541	166	13318	0.458	ng/ul	98
14) Pentachlorophenol	16.886	266	1265	0.650	ng/ul	89
15) Phenanthrene	17.275	178	21080	0.424	ng/ul	99
16) Anthracene	17.363	178	17171	0.481	ng/ul	99
19) Fluoranthene	19.289	202	21778	0.332	ng/ul	97
20) Pyrene	19.651	202	21512	0.304	ng/ul	97
21) Benzo(a)anthracene	21.400	228	17101	0.508	ng/ul	100
22) Chrysene	21.453	228	20331	0.464	ng/ul	99
24) Benzo(b)fluoranthene	23.054	252	19187	0.423	ng/ul	97
25) Benzo(k)fluoranthene	23.101	252	18125	0.365	ng/ul#	95
26) Benzo(a)pyrene	23.662	252	16400	0.416	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.185	276	20649	0.514	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.202	278	17285	0.648	ng/ul#	83
29) Benzo(g,h,i)perylene	26.923	276	18862	0.443	ng/ul	96

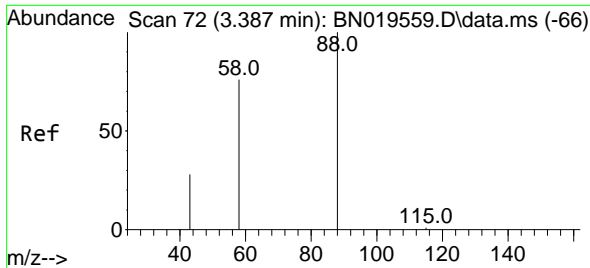
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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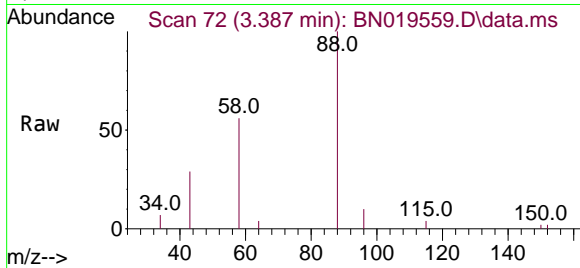
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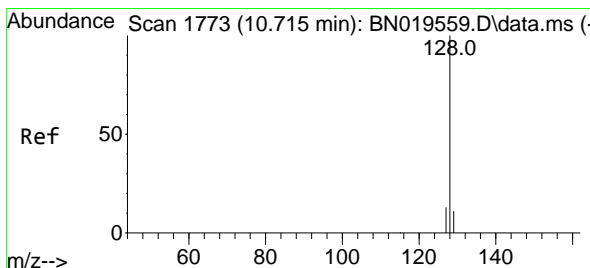
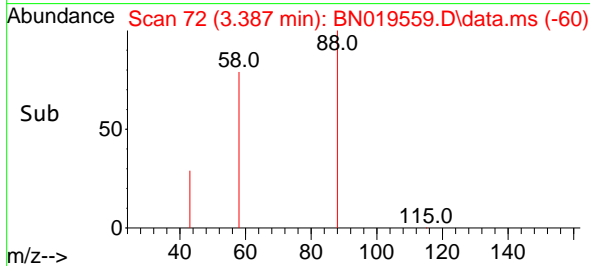
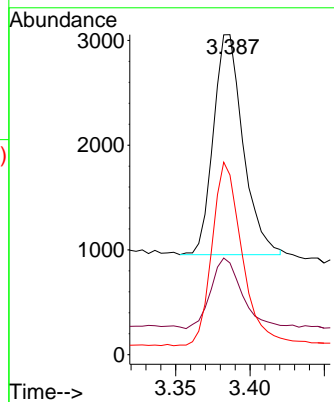


#2
 1,4-Dioxane
 Concen: 0.413 ng/u1
 RT: 3.387 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN019559.D
 Acq: 28 Apr 2022 10:51

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4232

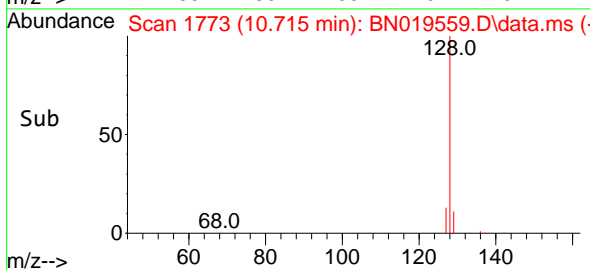
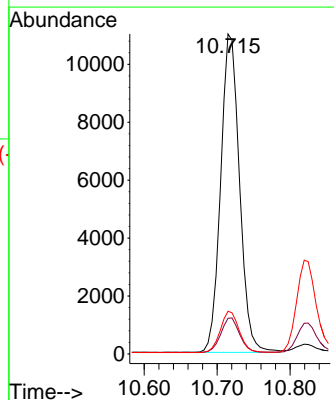
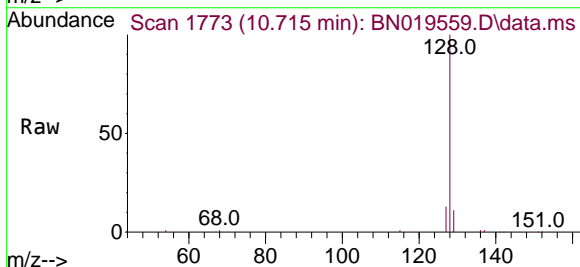


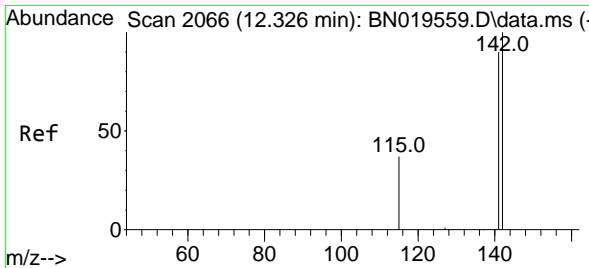
Tgt Ion: 88 Resp: 2920
 Ion Ratio Lower Upper
 88 100
 43 28.6 39.0 58.4#
 58 56.1 39.8 59.8



#5
 Naphthalene
 Concen: 0.448 ng/u1
 RT: 10.715 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: BN019559.D
 Acq: 28 Apr 2022 10:51

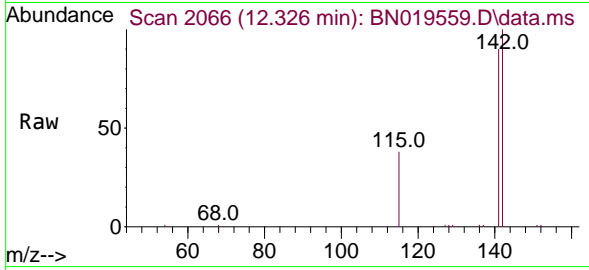
Tgt Ion:128 Resp: 19800
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.5 14.3
 127 13.3 11.0 16.4



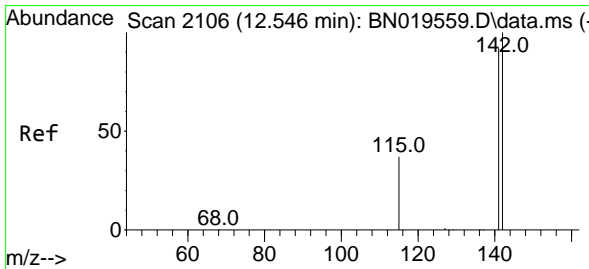
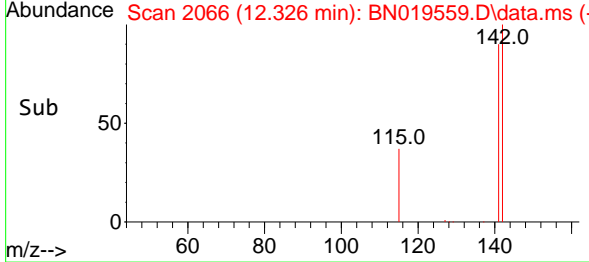
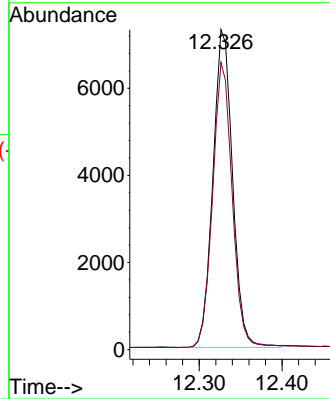


#7
 2-Methylnaphthalene
 Concen: 0.437 ng/ul
 RT: 12.326 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: BN019559.D
 Acq: 28 Apr 2022 10:51

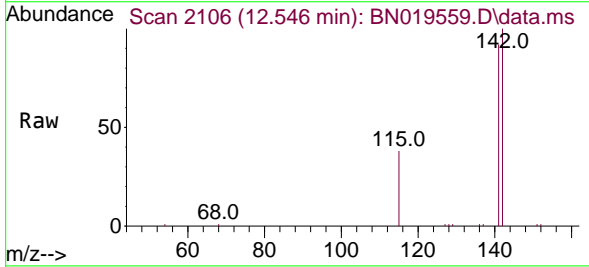
Instrument :
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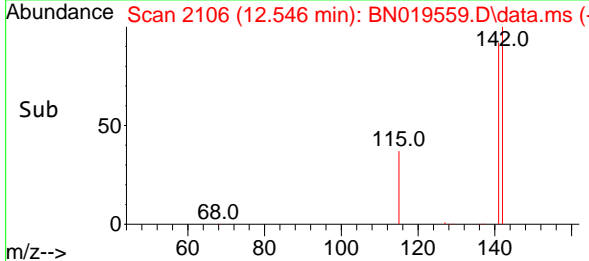
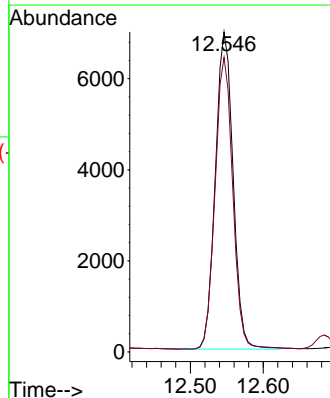
Tgt Ion:142 Resp: 12023
 Ion Ratio Lower Upper
 142 100
 141 89.3 0.0 0.0#

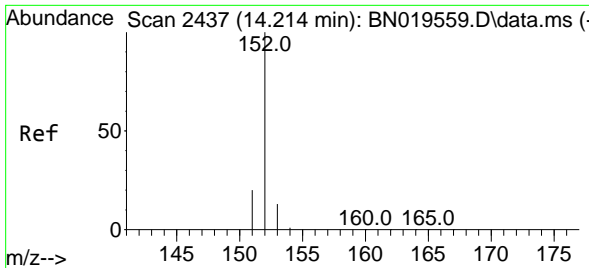


#8
 1-Methylnaphthalene
 Concen: 0.397 ng/ul
 RT: 12.546 min Scan# 2106
 Delta R.T. 0.000 min
 Lab File: BN019559.D
 Acq: 28 Apr 2022 10:51



Tgt Ion:142 Resp: 11775
 Ion Ratio Lower Upper
 142 100
 141 91.7 0.0 0.0#



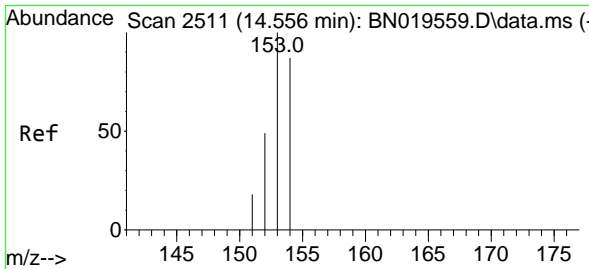
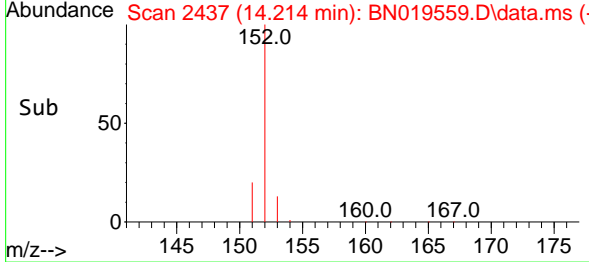
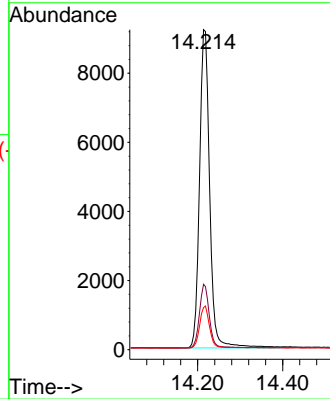
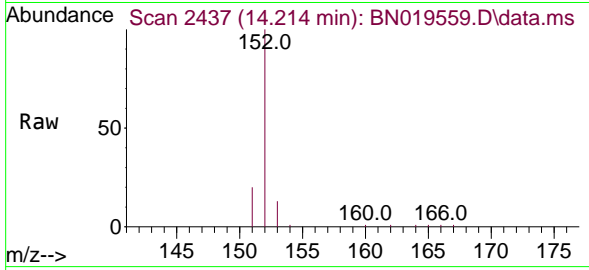


#10
 Acenaphthylene
 Concen: 0.529 ng/u1
 RT: 14.214 min Scan# 2437
 Delta R.T. 0.000 min
 Lab File: BN019559.D
 Acq: 28 Apr 2022 10:51

Instrument : BNA_N
 ClientSampleId : SSTD0.4232

Tgt Ion:152 Resp: 15209

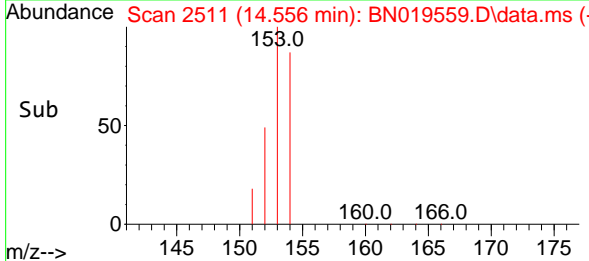
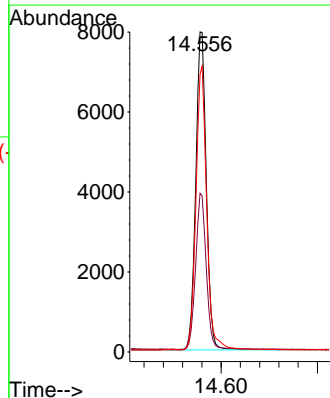
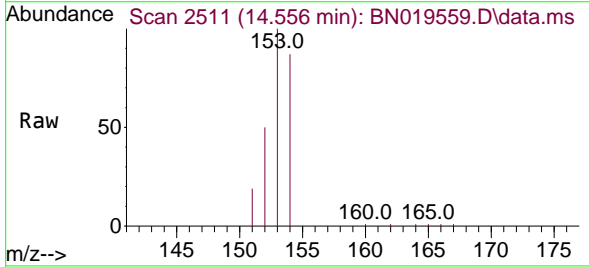
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.1	11.1	16.7

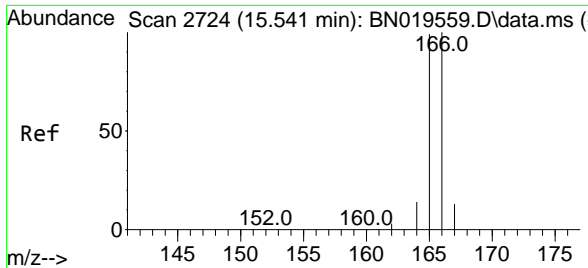


#11
 Acenaphthene
 Concen: 0.430 ng/u1
 RT: 14.556 min Scan# 2511
 Delta R.T. 0.000 min
 Lab File: BN019559.D
 Acq: 28 Apr 2022 10:51

Tgt Ion:153 Resp: 12179

Ion	Ratio	Lower	Upper
153	100		
152	49.6	38.6	57.8
154	86.7	71.2	106.8



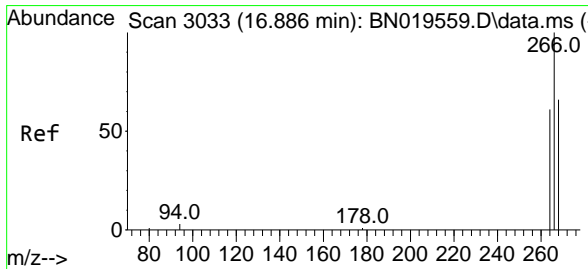
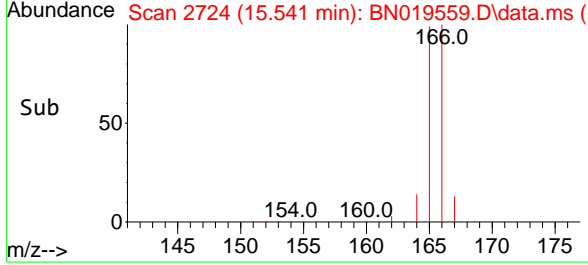
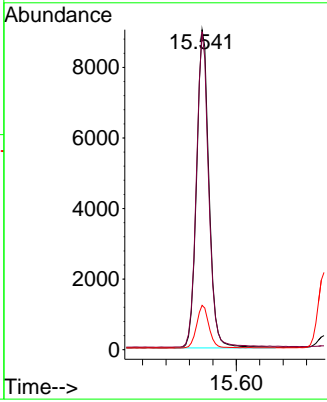
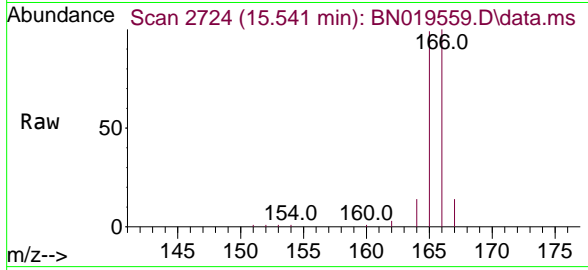


#12
 Fluorene
 Concen: 0.458 ng/u1
 RT: 15.541 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN019559.D
 Acq: 28 Apr 2022 10:51

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 ClientSampleId : BN019559.D
 SSTD0.4232

Tgt Ion:166 Resp: 13318

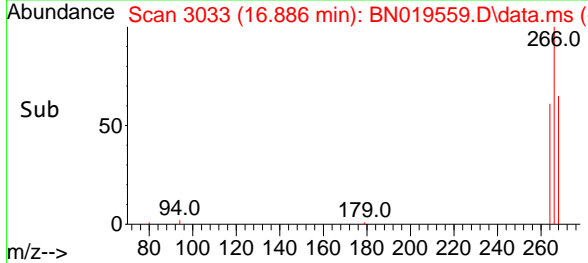
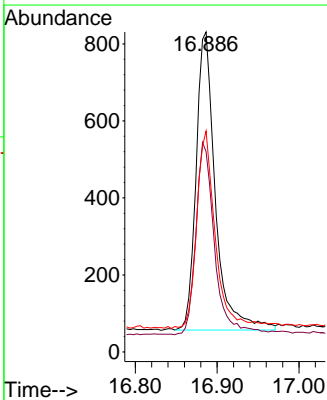
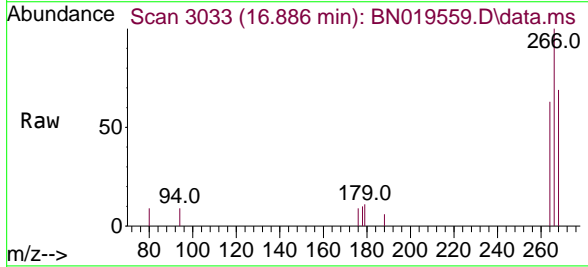
Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.2	117.2
167	13.9	11.3	16.9

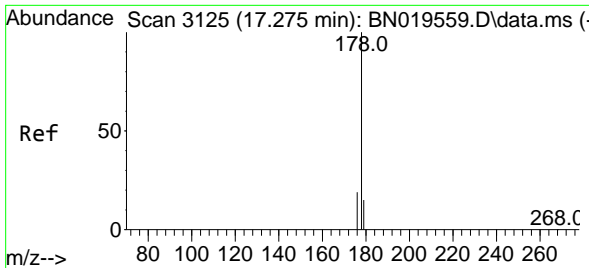


#14
 Pentachlorophenol
 Concen: 0.650 ng/u1
 RT: 16.886 min Scan# 3033
 Delta R.T. 0.000 min
 Lab File: BN019559.D
 Acq: 28 Apr 2022 10:51

Tgt Ion:266 Resp: 1265

Ion	Ratio	Lower	Upper
266	100		
264	62.9	44.9	67.3
268	64.9	44.6	67.0

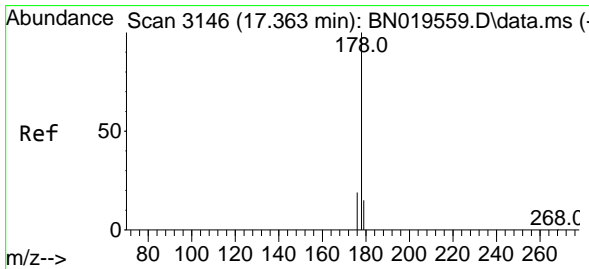
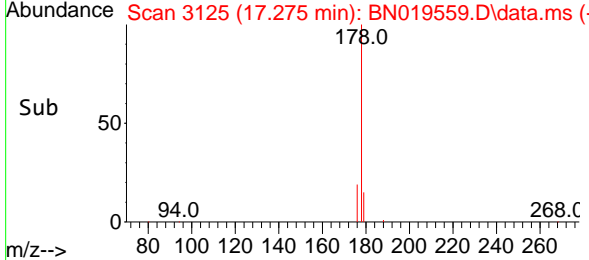
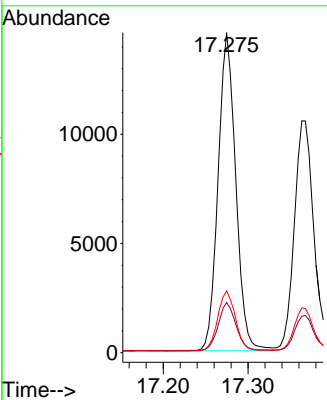
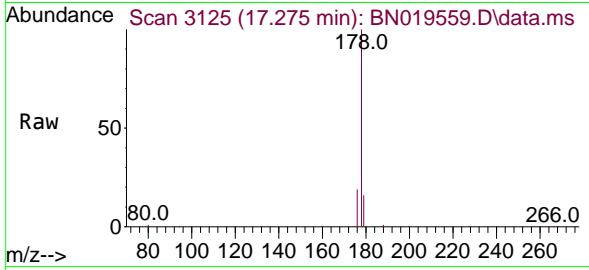




#15
 Phenanthrene
 Concen: 0.424 ng/u1
 RT: 17.275 min Scan# 3125
 Delta R.T. 0.000 min
 Lab File: BN019559.D
 Acq: 28 Apr 2022 10:51

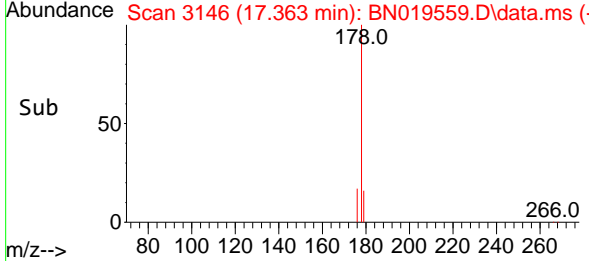
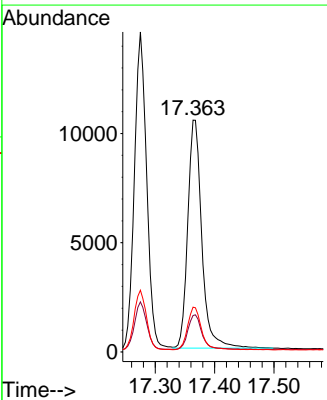
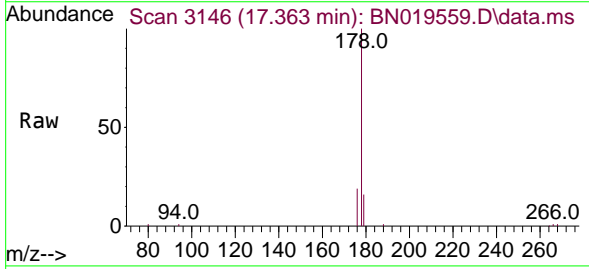
Instrument : BNA_N
 ClientSampleId : SSTD0.4232

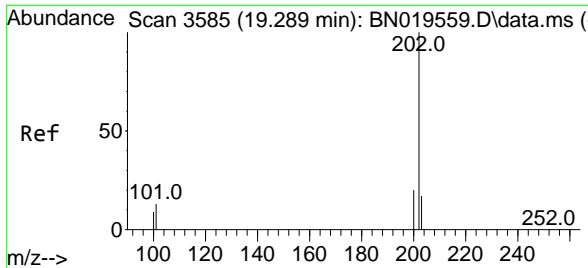
Tgt Ion	Resp	Lower	Upper
178	100		
179	15.6	12.9	19.3
176	19.3	15.5	23.3



#16
 Anthracene
 Concen: 0.481 ng/u1
 RT: 17.363 min Scan# 3146
 Delta R.T. 0.000 min
 Lab File: BN019559.D
 Acq: 28 Apr 2022 10:51

Tgt Ion	Resp	Lower	Upper
178	100		
179	15.8	13.1	19.7
176	19.3	15.3	22.9

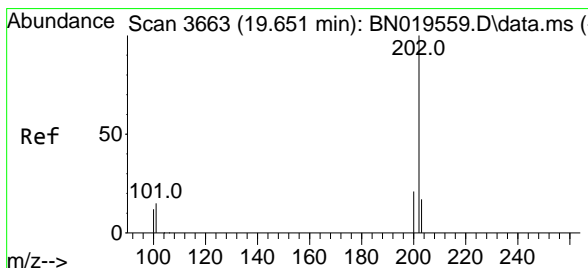
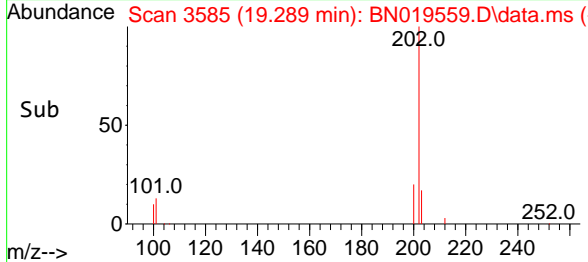
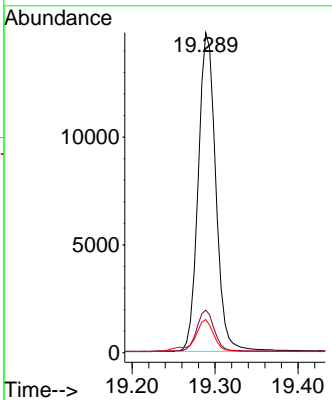
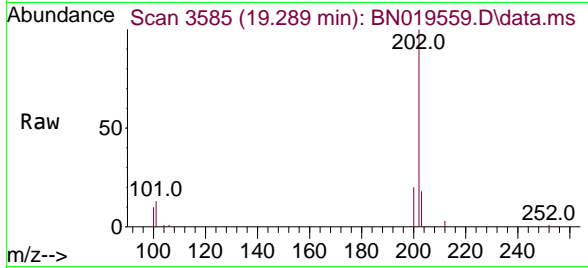




#19
 Fluoranthene
 Concen: 0.332 ng/u1
 RT: 19.289 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN019559.D
 Acq: 28 Apr 2022 10:51

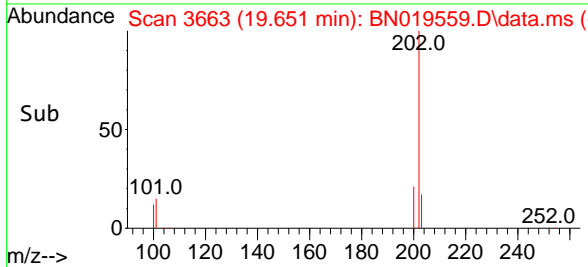
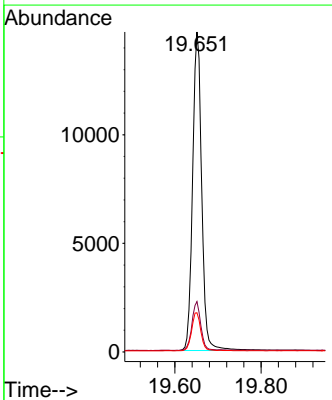
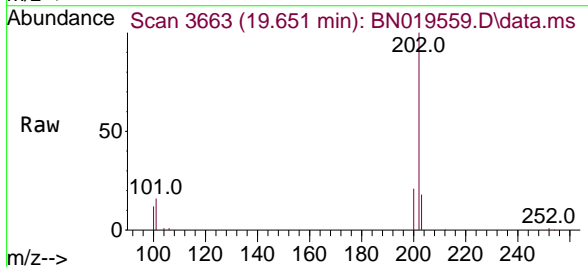
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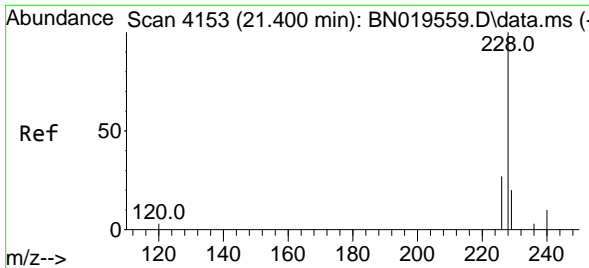
Tgt Ion	Resp	Lower	Upper
202	100		
101	13.3	9.7	14.5
100	10.3	7.4	11.2



#20
 Pyrene
 Concen: 0.304 ng/u1
 RT: 19.651 min Scan# 3663
 Delta R.T. 0.000 min
 Lab File: BN019559.D
 Acq: 28 Apr 2022 10:51

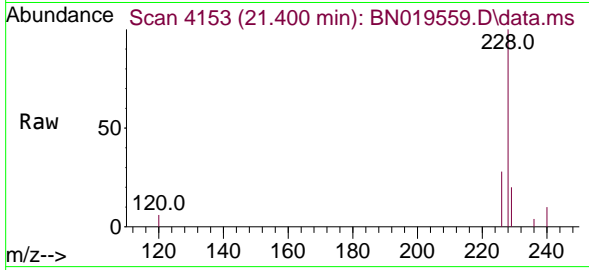
Tgt Ion	Resp	Lower	Upper
202	100		
101	15.8	11.4	17.0
100	12.3	9.0	13.4



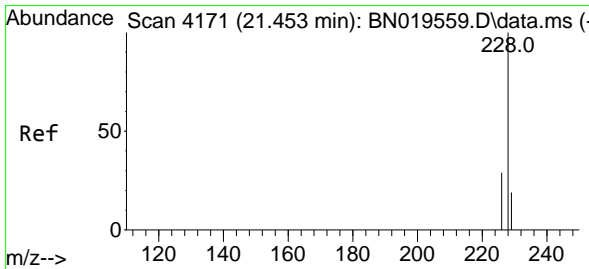
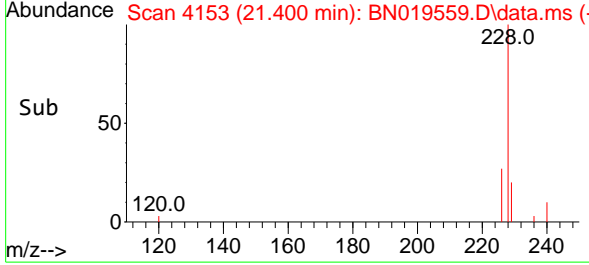
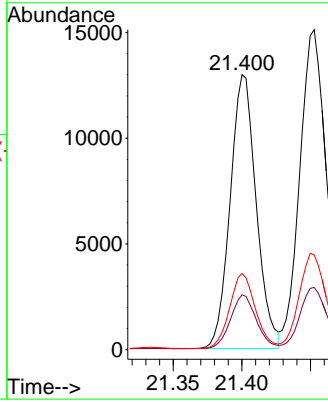


#21
 Benzo(a)anthracene
 Concen: 0.508 ng/u1
 RT: 21.400 min Scan# 41153
 Delta R.T. 0.000 min
 Lab File: BN019559.D
 Acq: 28 Apr 2022 10:51

Instrument : BNA_N
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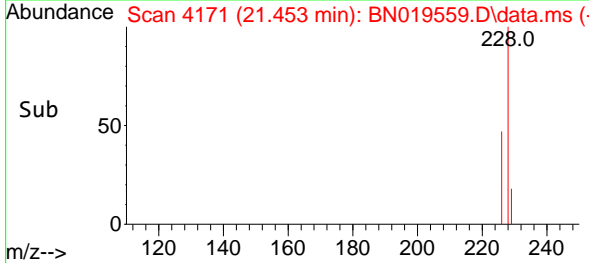
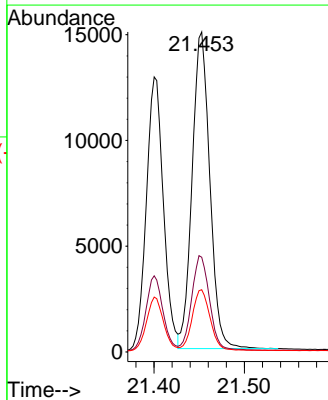
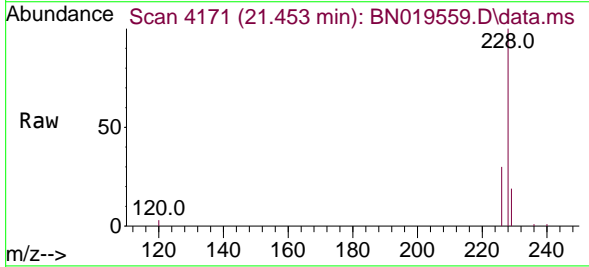


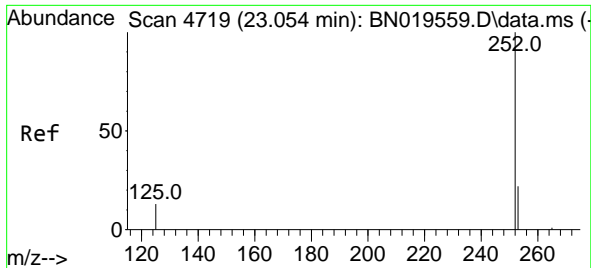
Tgt Ion:228 Resp: 17101
 Ion Ratio Lower Upper
 228 100
 229 19.9 16.1 24.1
 226 27.7 22.1 33.1



#22
 Chrysene
 Concen: 0.464 ng/u1
 RT: 21.453 min Scan# 4171
 Delta R.T. 0.000 min
 Lab File: BN019559.D
 Acq: 28 Apr 2022 10:51

Tgt Ion:228 Resp: 20331
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.2 36.2
 229 19.5 16.0 24.0

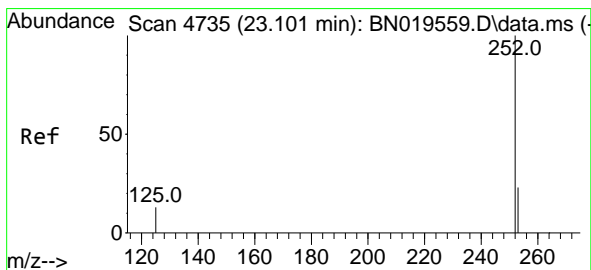
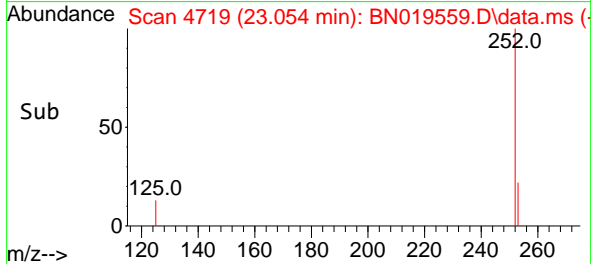
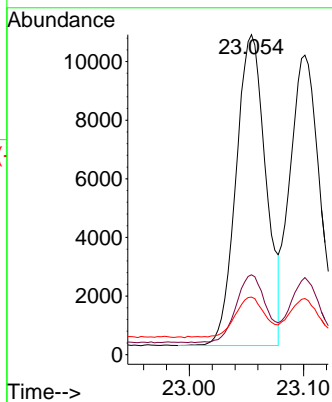
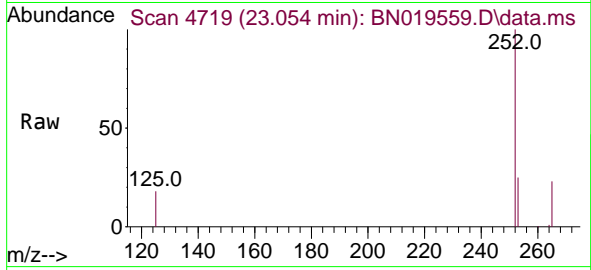




#24
 Benzo(b)fluoranthene
 Concen: 0.423 ng/u1
 RT: 23.054 min Scan# 4719
 Delta R.T. 0.000 min
 Lab File: BN019559.D
 Acq: 28 Apr 2022 10:51

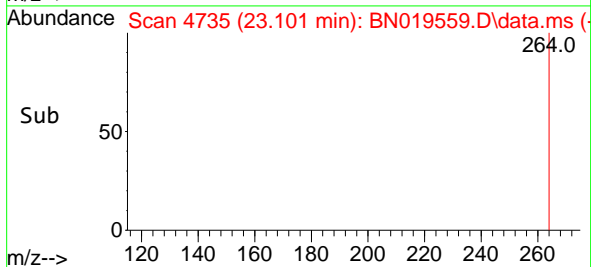
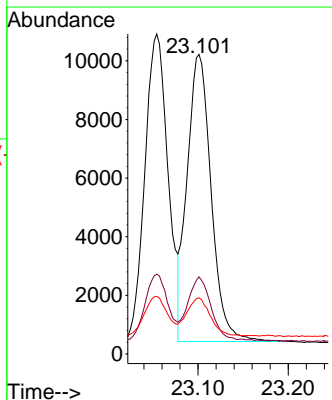
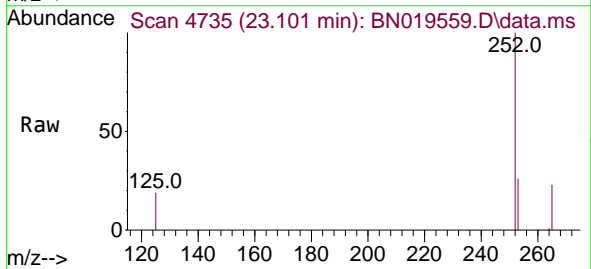
Instrument : BNA_N
 ClientSampleId : SST0.4232

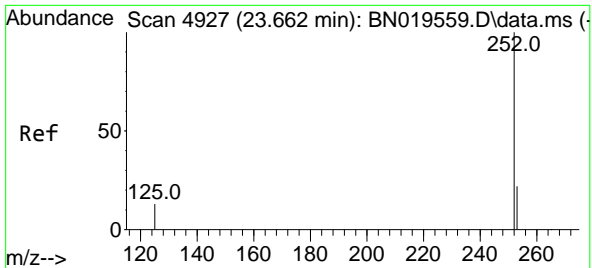
Tgt Ion	Resp	Lower	Upper
252	19187		
253	25.0	0.0	52.0
125	18.0	0.0	40.2



#25
 Benzo(k)fluoranthene
 Concen: 0.365 ng/u1
 RT: 23.101 min Scan# 4735
 Delta R.T. 0.000 min
 Lab File: BN019559.D
 Acq: 28 Apr 2022 10:51

Tgt Ion	Resp	Lower	Upper
252	18125		
253	25.7	20.2	30.2
125	18.8	11.0	16.6#

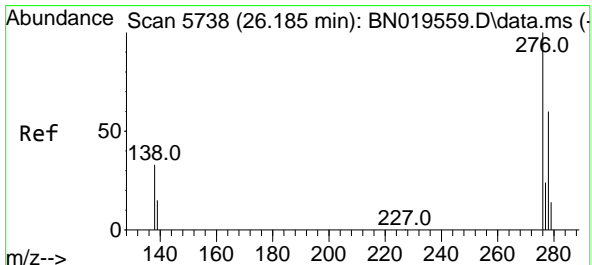
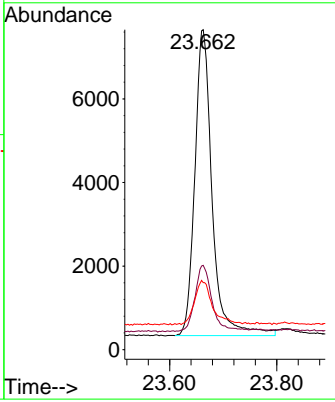
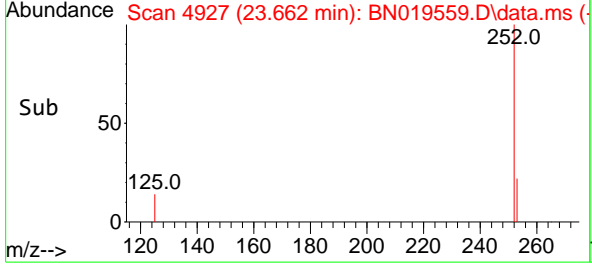
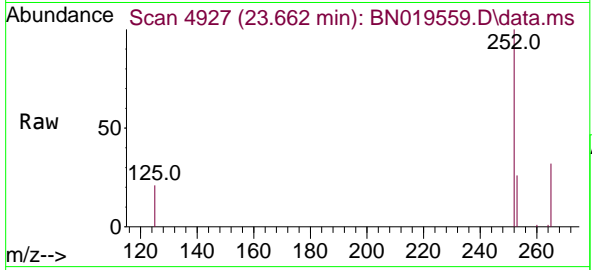




#26
 Benzo(a)pyrene
 Concen: 0.416 ng/u1
 RT: 23.662 min Scan# 4927
 Delta R.T. 0.000 min
 Lab File: BN019559.D
 Acq: 28 Apr 2022 10:51

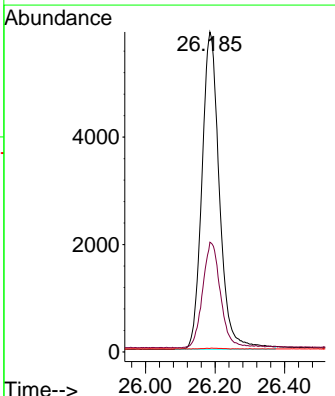
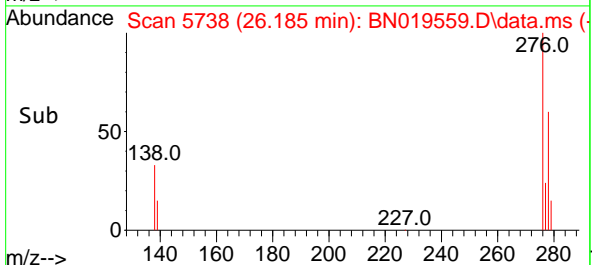
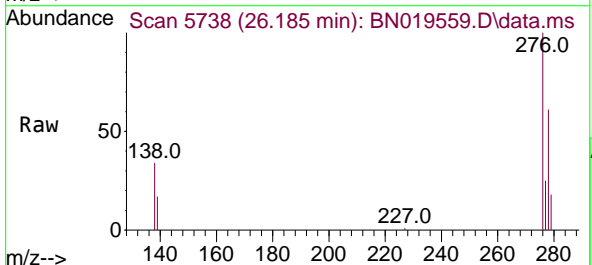
Instrument : BNA_N
 ClientSampleId : BN019559.D
 SST0.4232

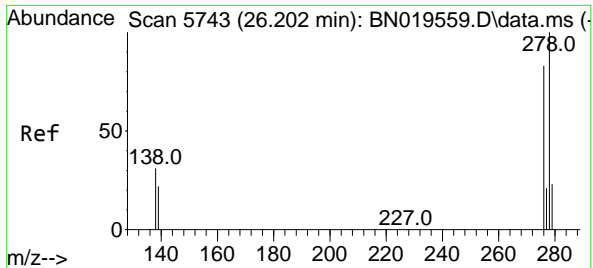
Tgt Ion	Resp	Lower	Upper
252	16400		
253	26.4	23.4	35.0
125	21.0	28.3	42.5



#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.514 ng/u1
 RT: 26.185 min Scan# 5738
 Delta R.T. 0.000 min
 Lab File: BN019559.D
 Acq: 28 Apr 2022 10:51

Tgt Ion	Resp	Lower	Upper
276	20649		
276	100		
138	34.1	23.6	35.4
227	0.2	0.0	0.0

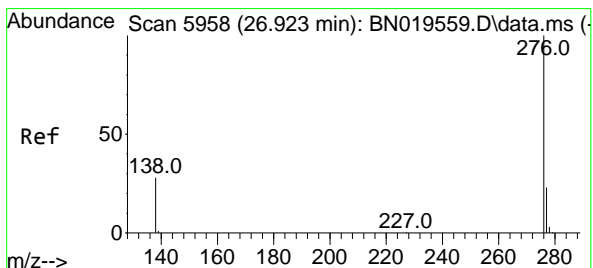
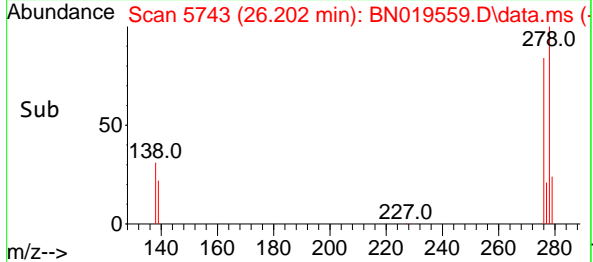
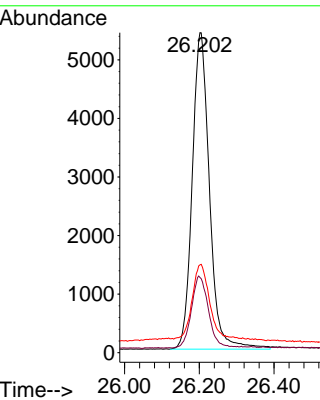
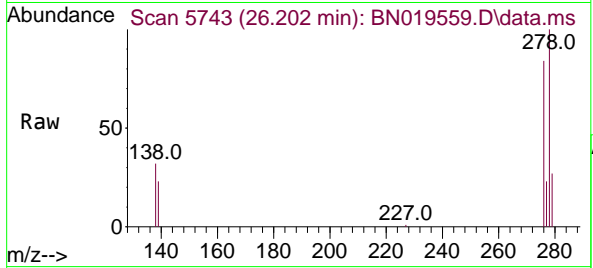




#28
 Dibenzo(a,h)anthracene
 Concen: 0.648 ng/ul
 RT: 26.202 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BN019559.D
 Acq: 28 Apr 2022 10:51

Instrument : BNA_N
 ClientSampleId : SSTD0.4232

Tgt Ion	Resp	Lower	Upper
278	17285		
139	23.5	18.6	28.0
279	27.4	35.1	52.7#



#29
 Benzo(g,h,i)perylene
 Concen: 0.443 ng/ul
 RT: 26.923 min Scan# 5958
 Delta R.T. 0.000 min
 Lab File: BN019559.D
 Acq: 28 Apr 2022 10:51

Tgt Ion	Resp	Lower	Upper
276	18862		
138	29.6	20.9	31.3
277	24.6	20.4	30.6

